Technical Specification 5.6.8

Palo Verde Nuclear
Generating Station

A subsidiary of Pinnacle West Capital Corporation

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102-05254-DMS/DGM/DFH
April 18, 2005

ATTN: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Dear Sirs:

Reference: Unit 1 Special Report 1-SR-2004-002, Dated: May 12, 2004
Letter Number 192-01140 DMS/DGM/DFH

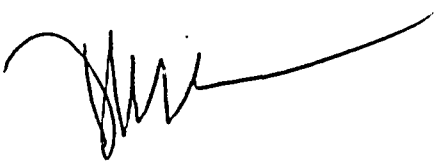
Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. STN 50-528
Special Report 1-SR-2004-002-01

Pursuant to PVNGS Technical Specification 5.6.8, enclosed is Supplement 1 to Special Report 1-SR-2004-002. This supplement provides the complete results of the steam generator tube inservice inspection that was performed during the Unit 1 eleventh refueling outage.

By copy of this letter and the enclosure, this Special Report is being provided to the NRC Region IV Administrator and the PVNGS Senior Resident Inspector.

No commitments are being made to the NRC by this letter. Please contact Daniel G. Marks at (623) 393-6492 if you have any questions or require additional information.

Sincerely,



DMS/DGM/DFH/ca
Attachment

cc: (with attachment)
B. S. Mallett NRC Region IV Regional Administrator
M. B. Fields NRC NRR Project Manager
G. G. Warnick NRC Senior Resident Inspector for Palo Verde

A047

Attachment 01

Special Report No. 1-SR-2004-002-01

Palo Verde Nuclear Generating Station

UNIT 1
11th Refueling Outage

ARIZONA PUBLIC SERVICE
P. O. BOX 52034
PHOENIX, AZ 85072

Prepared by: _____ Date: 8-17-04

Reviewed by: _____ Date: 8/25/04

Approved by: _____ Final Report Date: 9/16/04

Commercial Service Date: 1-28-86

INDEX

UNIT 1

STEAM GENERATOR EDDY CURRENT EXAMINATION

11th REFUELING OUTAGE

1.0 Summary

The steam generator eddy current examination for the 11th refueling outage in Unit 1 was conducted during April 2004. The initial examination plan and a single expansion for both steam generators are listed in Table 1. This table summarizes the examinations performed for each of the various categories, examination types, extents, and the number of tubes or tube locations completed.

As noted from the table, only one expansion was performed. The expansion was conducted to bound loose part (PLP) indications detected in both steam generators. The expansion in SG 12 also included the entire periphery for approximately 2 tubes deep. This was a conservative expansion based on results from both eddy current and visual examinations of the periphery. Each of the expansions was separately identified to allow comparison to the original examination plans.

The examinations resulted in a total of 221 tubes being plugged in SG 11, and 341 tubes being plugged in SG 12. A detailed description of the basis for plugging is contained in Appendix F along with a history of tubes plugged, including tube plug maps.

2.0 Original Examination Plan

The original examination plan was developed based on the "PVNGS Steam Generator Degradation Assessment" developed per 81DP-9RC01 as required by NEI 97-06. In addition, possible damage mechanisms were reviewed along with the specific requirements set forth in 73TI-9RC01 and PVNGS Technical Specifications. The plan is summarized in Table 1 of this report. Appendix B contains the associated tube sheet maps for the various scopes.

Bobbin coil examinations were performed on essentially 100% of the tubing for general screening purposes, overall detection, and to satisfy Technical Specifications requirements. Rotating Coil (RC) examinations were performed in the upper hot leg (arc) region of the steam generators for detection of freespan and support type axial cracking. An upper cold leg (arc) region was also added this outage based on results from U1R10. RC examinations were performed on 100% of the tubes at the hot leg tubesheet transition location. The RC examinations performed at the cold leg tubesheet were in response to Mixed Mode Indications found during the U2R5 outage and to include a 20% sample. RC examinations in rows 1 through 5 and from 07C-07H were performed for the detection of cracking in the short radius U-Bend region and to augment the bobbin coil examination technique. RC examinations were also performed on a 20% sample of rows 6 thru 18 ubends.RC examinations of selected prior bobbin indications were performed to verify cracking was not occurring at these locations.

3.0 Condition Monitoring and Operational Assessment

Per NEI 97-06, and PVNGS Procedure 81DP-9RC01, a condition monitoring evaluation was conducted by APS Engineering. The evaluation concluded that the steam generator tube integrity performance criteria were satisfied for Unit 1 Cycle 11. In accordance with NEI 97-06 guidelines and plant procedures; two (2) tubes required in situ pressure testing in U1R11. Both tubes were located in SG11. The tube numbers, flaw location and flaw type were R148C87 at 09H +31" (SAI) and R128C107 at 03H -0.50" (SAI) respectively. The tube selection process applied the requirements stipulated in the EPRI in situ pressure testing guidelines using a bounding structural parameter evaluation and a leak rate determination based on the EPRI PICEP computer model as incorporated into the APTECH OPCON 3.01 condition monitoring software. The tubes were leak and proof tested per plant procedures and the EPRI guideline and both passed satisfactorily with zero leakage.

All defects exceeding the Technical Specification repair limits or the PVNGS Administrative Plugging criteria were removed from service. Based on a comparison of projected versus actual results for Cycle 11, there are no expected cycle length limitations for U1 Cycle 12. As such there are no mode 4 entry restraints. An operational assessment as required by NEI 97-06 documents that steam generator tube integrity will be satisfied for Unit 1 Cycle 12.

4.0 Expansion Plans

As mentioned in Section 1, only one expansion was conducted during this outage. Several previously used and predetermined expansion criteria is documented below. However, the expansion conducted this outage was based on evaluations conducted to bound loose part indications. For clarification, the following is documented expansion criteria, but was not used during this outage.

- Axial Indications:
  - ARC Region indications; Five (5) tube buffer zone in all directions
  - Short Radius U-bends; 100% of adjacent row
- Circumferential Indications:
  - Cold Leg; expand to 100% if one cold leg SCI is detected

A summary of the expansions is identified below.

U1R11 Expansions		
Expansion 1	SG 11 and 12	RC examinations of tubes adjacent to loose part indications and the entire periphery in SG 12.

5.0 Examination Results

The examination results for each of the steam generators, per the PVNGS Technical Specifications, was classified as C-2. The classification criteria is based on Technical Specification examinations (full length bobbin; plus the RC examinations of the row 1 thru 5 U-bends) and classified per the following:

- C-1; Less than 5% of the total tubes inspected are degraded tubes and none of the inspected tubes are defective.
- C-2; One or more tubes, but not more than 1% of the total tubes inspected are defective, or between 5% and 10% of the total tubes inspected are degraded tubes.
- C-3; More than 10% of the total tubes inspected are degraded tubes or more than 1% of the inspected tubes are defective.

Steam Generator 11

The bobbin coil eddy current examinations revealed 6 defective tubes ($\geq$ 40%) and 5 degraded ($\geq$20% and $\geq$10% change) tubes. In addition, 73 bobbin indications resulted in RC examinations detecting axial indications.

RC examinations detected 47 tubes containing circumferential indications, 139 axial indications, and 9 tubes with volumetric indications. RC examinations performed at the cold leg tubesheet did not reveal any tubes with mixed mode, circumferential, or axial indications. Analysis of RC data revealed 12 tubes with loose parts and associated wear.

Steam Generator 12

The bobbin coil eddy current examinations revealed 1 defective tube and 1 degraded tubes. In addition, 152 bobbin indications resulted in RC examinations detecting axial indications.

RC examinations detected 101 tubes containing circumferential indications, 224 containing axial, and 7 containing volumetric indications. RC examinations performed at the cold leg tubesheet did not reveal any mixed mode, circumferential, or axial indications. Analysis of RC data detected 3 tubes with a loose part indications and associated wear.

A summary of the bobbin and RC examination results is located in Table 2 of this report. In addition, Appendix A contains a reference drawing of steam generator support locations. The summary data sheets of Appendix C and D list all tubes in each steam generator with indications expressed as a percent wall thickness reduction, or as an analysis code. Appendix E contains summary data sheets and associated tubesheet maps for tubes classified as possible loose parts.

6.0 Examination Techniques and Equipment

The eddy current examinations were performed by Westinghouse Electric Company using Zetec MIZ-70 digital data acquisition and analysis systems. The following frequencies were used for the tube examinations:

Bobbin Coil	RC	
500 KHZ	400 KHZ	
300 KHZ	300 KHZ	NOTE: For Bobbin Coil these
100 KHZ	100 KHZ	frequencies were utilized in both
35 KHZ	35 KHZ	differential and absolute modes.

The examinations were performed with RD Tech manufactured bobbin coil probes and Zetec RC style probes. Probe diameters were 0.540" to 0.610". Plus Point RC probes were used for the detection and characterization of axial, circumferential, and volumetric indications. Data acquisition in both steam generators was facilitated by using 2 Westinghouse Genesis fixtures configured with either a quad or dual guide tubes in the hot legs, and 1 Westinghouse Genesis fixture with a dual guide tube in the cold leg. Note that the "rail" system was installed and utilized in both steam generators. This facilitates moving the fixtures in the channel heads remotely from the north annex.

Fiber optic cable was used from containment to the data acquisition room located at the PVNGS North Annex. Secondary analysis was all performed on site, whereas primary analysis was performed both remotely and on site. The remote site received the data and returned results utilizing T-1 line technology. The remote Primary Analysts were located in the Zetec facility in Issaquah, Washington. The Primary and Secondary Resolution Analysts, Independent Review Analysts, and data management were located at PVNGS in the North Annex. Westinghouse provided the data acquisition and primary data analysis. Anatec International, Inc. provided the secondary data analysis.

Each individual from Westinghouse and Anatec International, Inc. who performed data analysis was required to complete and pass a PVNGS site specific Eddy Current Data Analysis Course as well as an associated performance examination with at least a 80% proficiency. The only exceptions were the APS, Anatec, and Westinghouse Lead Level III's that were involved in development of the site-specific test. All individuals performing data analysis were also required to have Qualified Data Analyst (QDA) certification.

7.0 Repair Techniques and Equipment

All repairs were performed utilizing either of the Westinghouse mechanical ribbed or rolled plug configurations. The plugs were installed in accordance with the PVNGS work control process utilizing the Genesis fixtures and associated remote plugging equipment.

TABLE 1

EXAMINATION SUMMARY

SCOPE DESCRIPTION		SG 11	SG 12
Exam Description	Extents	Scope	Scope
FULL LENGTH BOBBIN (TS)			
COLD LEG	TEC- TEH	8,151 *	8,052 *
HOT LEG	TEH -TEC	1,916 *	1798 *
BOBBIN STRAIGHT LEG (TS)	07C-TEC & 07H – TEH	293 *	300 *
TUBE SHEET RC	TSH-TSH	10,360 *	10,150 *
TUBE SHEET RC	TSC-TSC	2,121 *	2,080 *
ARC RC Hot Leg	07H-VS3	3,632 *	3,525 *
ARC RC Cold Leg	07C-VS5	595 *	591 *
U-BEND RC			
Rows 1 thru 5 (TS)	07C-07H	293 *	300 *
Rows 6 thru 18	07C-07H	181 *	180 *
RC Hot Leg DENTs	VARIOUS	219 *	220 *
RC BOBBIN Indications From PREVIOUS OUTAGE	VARIOUS	805	881
RC BOBBIN Indications from CURRENT OUTAGE	VARIOUS	675	670
RC Loose Part Indications Expansion 1	TSC-TSC	33	288 *

Notes:

1. The "*" above indicates that a map is provided in Appendix B.
2. The Exam Description marked TS above, are those used to satisfy the PVNGS Technical Specifications

TABLE 2

INDICATION SUMMARY

DAMAGE MECHANISM	STEAM GENERATOR 11	STEAM GENERATOR 12
WEAR		
0% - 19%	1277	1359
20% - 29%	324	382
30% - 39%	51	72
40% - 100%	6	1
PLUGGED	(10)	(4)
Circumferential ODSCC		
TSH	(9)	(17)
Circumferential PWSCC		
TEH to TSH	(38)	(84)
Axial ODSCC		
07H – VS3 HL ARC	45	90
07C –VS5 CL ARC	11	14
Outside Above ARCs	62	114
PLUGGED	(118)	(218)
Axial PWSCC		
TSH	21	6
PLUGGED	(21)	(6)
Possible Loose Parts		
PLI-SVI	5	1
PLP	7	2
PLUGGED	(12)	(3)
Row 1 thru 5		
Axial OD	0	0
GEO	1	1
PLUGGED	(1)	(1)
Row 6 thru 18		
GEO	2	1
PLUGGED	(2)	(1)
Volumetric Indications		
SVI/MVI	89	83
PLUGGED	(9)	(7)
PREVENTATIVE**	(1)	0
TOTAL PLUGGED	**(221)**	**(341)**

NOTES

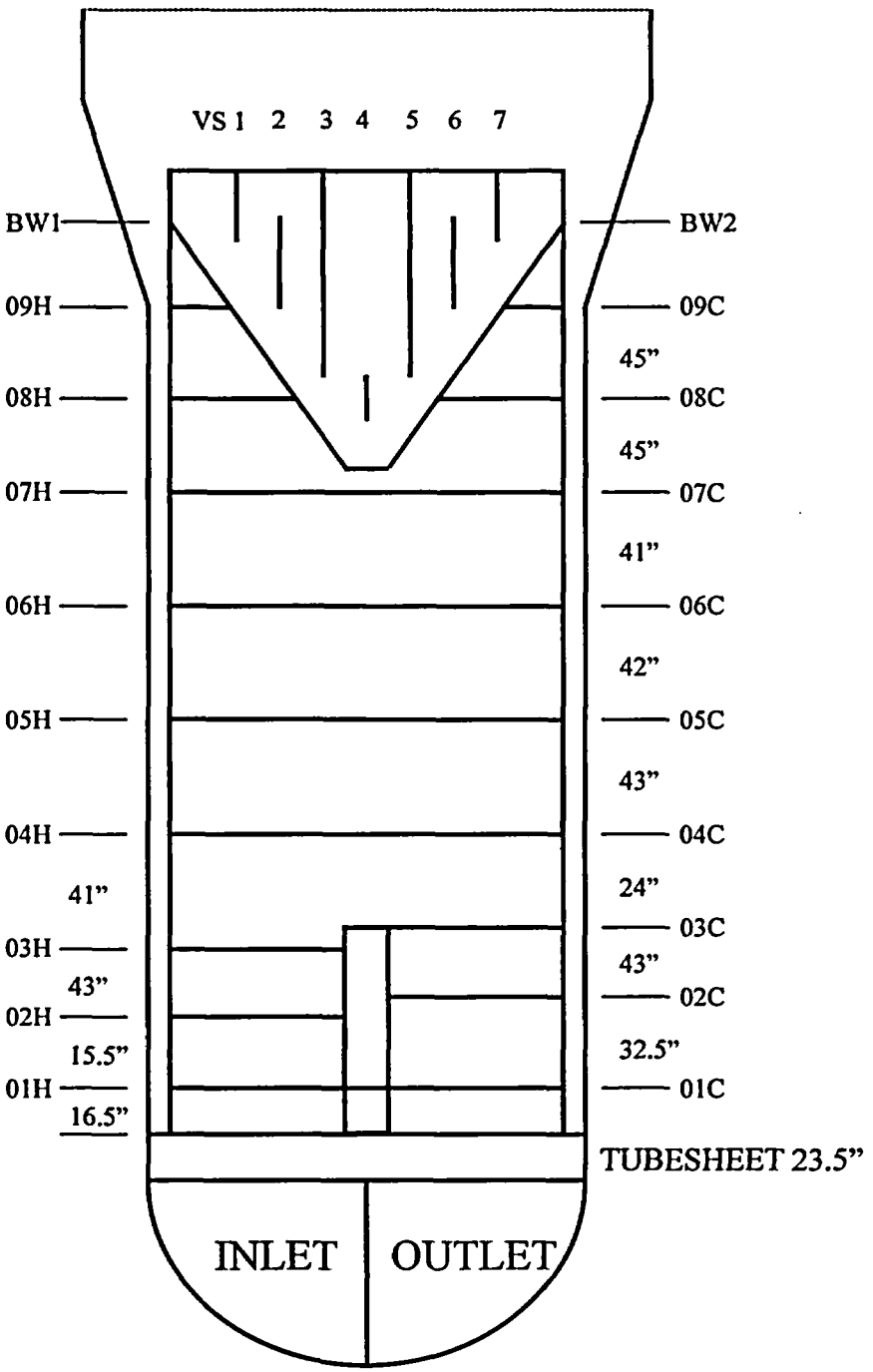
1. Numbers in (X) are tubes numbers plugged in each category
2. ** tubes preventatively plugged for DNT (1)
3. The above represent the numbers of tubes; not indications
4. ODSCC is defined as outside diameter stress corrosion cracking
5. PWSCC is defined as primary water stress corrosion cracking

APPENDIX A

TUBE SUPPORT DIAGRAM

LEGEND and ANALYSIS CODES

CE SYSTEM 80 STEAM GENERATOR TUBE SUPPORT DIAGRAM



NOTES:

SUPPORTS 01C & 01H ARE FLOW DISTRIBUTION BAFFLES

SUPPORTS 02 THRU 09 ARE EGGCRATE TYPE

SUPPORT SPACINGS ARE IDENTIFIED IN INCHES BETWEEN THE SUPPORT CENTER LINES

CORNER EGGCRATE IS COLD LEG SIDE, 7 ROWS UP, 22 LINES IN, 02C THRU 04C SUPPORTS

LEGEND

ROW: Indicates the row number of a given tube.

COL: Indicates the column number of a given tube.

VOLTS: Indicates the peak-to-peak voltage of a given indication response.

DEG: The measured phase angle of a given indication response.

IND: Indicates the analysis code or PCT for percent

PCT: The percent through the tube wall of a given indication

CHN: Indicates the channel used to measure and evaluate the referenced indication

LOCN: Gives indication location at INCH1 to INCH2 relative to known landmarks such as supports, vertical straps, and batwings. Typical location codes are as follows:

#1 Vertical Strap	VS1
#1 Batwing	BW1
#1 Support Plate in Hot Leg	01H
#7 Support Plate in Cold Leg	07C
Top Tube Sheet Cold Leg	TSC
Tube End Hot Leg	TEH
Tube End Cold Leg	TEC

CRLEN: Indicates the flaw length

BEGT and ENDT: Indicates the beginning and of the test; together they document the examination extent

PDIA: Documents the probe diameter

PTYPE: The last two characters indicates the probe type used for examination

MF-bobbin coil mid-frequency (Zetec)
WR-bobbin coil mid-frequency (Westinghouse Replaceable)
SF-bobbin coil spring flex
HP or HZ-RC +point solid body
FP or FZ-RC +point, .115 flexible
MZ- +point flexible modular
MB-RC mag bias +point
PH-RC +point HF and MF flexible for Ubends

CAL: Indicates calibration number

L: Indicates the leg the examination was conducted from

COM: This comment field is utilized to document the UTIL1 and UTIL2 sizing measurements and APS Level III comments

Analysis CODES:

Absolute Drift	ADI
After Pressure Test	APT
Bad Data	BDA
Baseline Indication	BLI
Bulge	BLG
Deposit	DEP
Dent	DNT
Distorted Support Signal With Indication	DSI
Distorted Top of Tubesheet With Indication	DTI
Fixture	FIX
Geometric Indication	GEO
ID Chatter	IDC
Indication Not Found	INF
Indication Not Reportable	INR
Multiple Axial Indication	MAI
Mixed Mode Indication	MMI
Multiple Circumferential Indication	MCI
Multiple Volumetric Indication	MVI
No Detectable Defect	NDD
No Discontinuity Found	NDF
Non-Quantifiable Indication	NQI
No Tube Sheet Expansion	NTE
Obstructed	OBS
Previous Bobbin Call	PBC
Possible Deposit	PDP
Positive Identification	PID
Positive Identification Verified	PIV
Possible Loose Part with Indication	PLI
Possible Loose Part	PLP
Plus Point Indication	PPI
Previous RC Call	PRC
Positive Identification using Tubesheet	PTS
Retest With 3 coil Probe	R3C
Retest with Magnetic Bias RC Probe	RMB
Single Axial Indication	SAI
Single Circumferential Indication	SCI
Single Volumetric Indication	SVI
Sludge	SLG
Volumetric Indication	VOL
To Be Plugged	TBP
Tube Number Check	TNC

Util1 and Util 2 CODES:

Change	CH
No Loose Part Present	NLP
Manufacturing Induced Groove	MIG
Pit like indication	PIT
Stake	SK
Tube to Tube Wear	TTW
Volumetric Inside Diameter	VID

APPENDIX B

EXAMINATION PLANS

SG 11 and 12

SG - 11 BOBBIN PROGRAM - COLD LEG

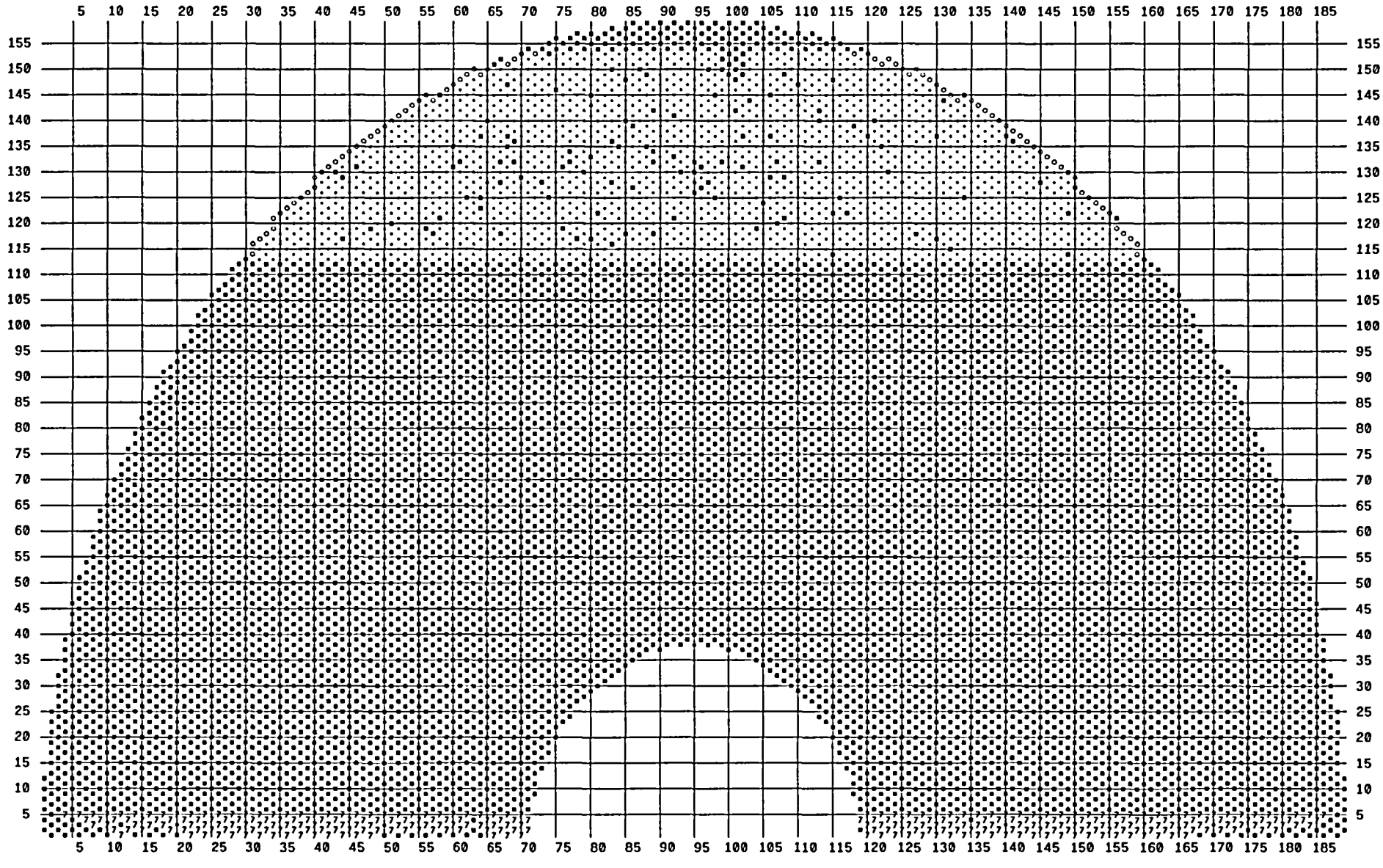
Palo Verde U1R11 PVNGS1 80

■ 8151 F/L TESTS

7 293 07C - TEC TESTS

* 53 Stay Rod

□ 652 Plugged Tube



Westinghouse Electric Company LLC - ST Max 04/27/2004 13:45:43

SG - 11 BOBBIN PROGRAM - HOT LEG

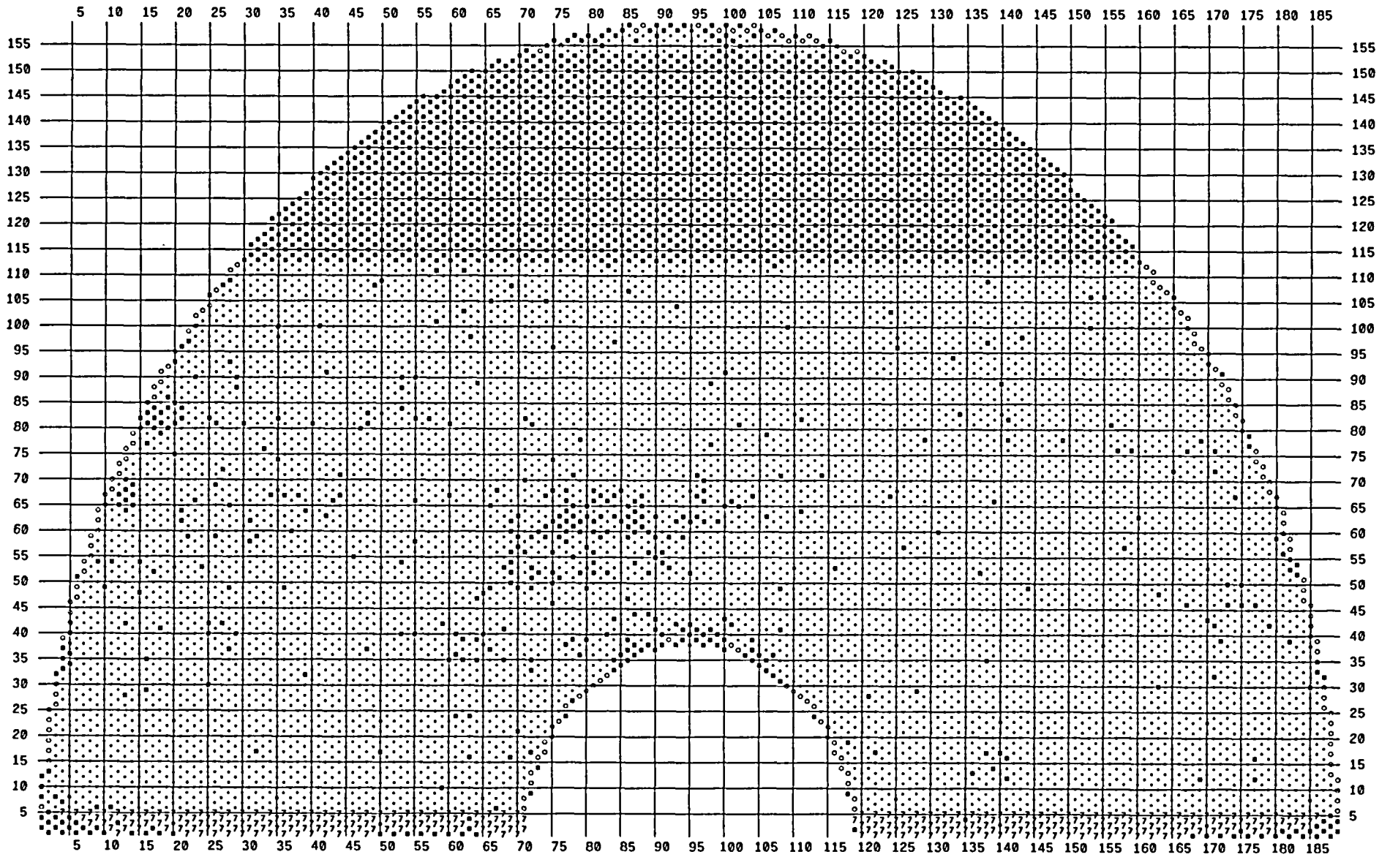
Palo Verde U1R11 PVNGS1 80

■ 1916 F/L TESTS

7 293 07H - TEH TESTS

* 53 Stay Rod

▫ 652 Plugged Tube



Westinghouse Electric Company LLC - ST Max 04/27/2004 13:44:43

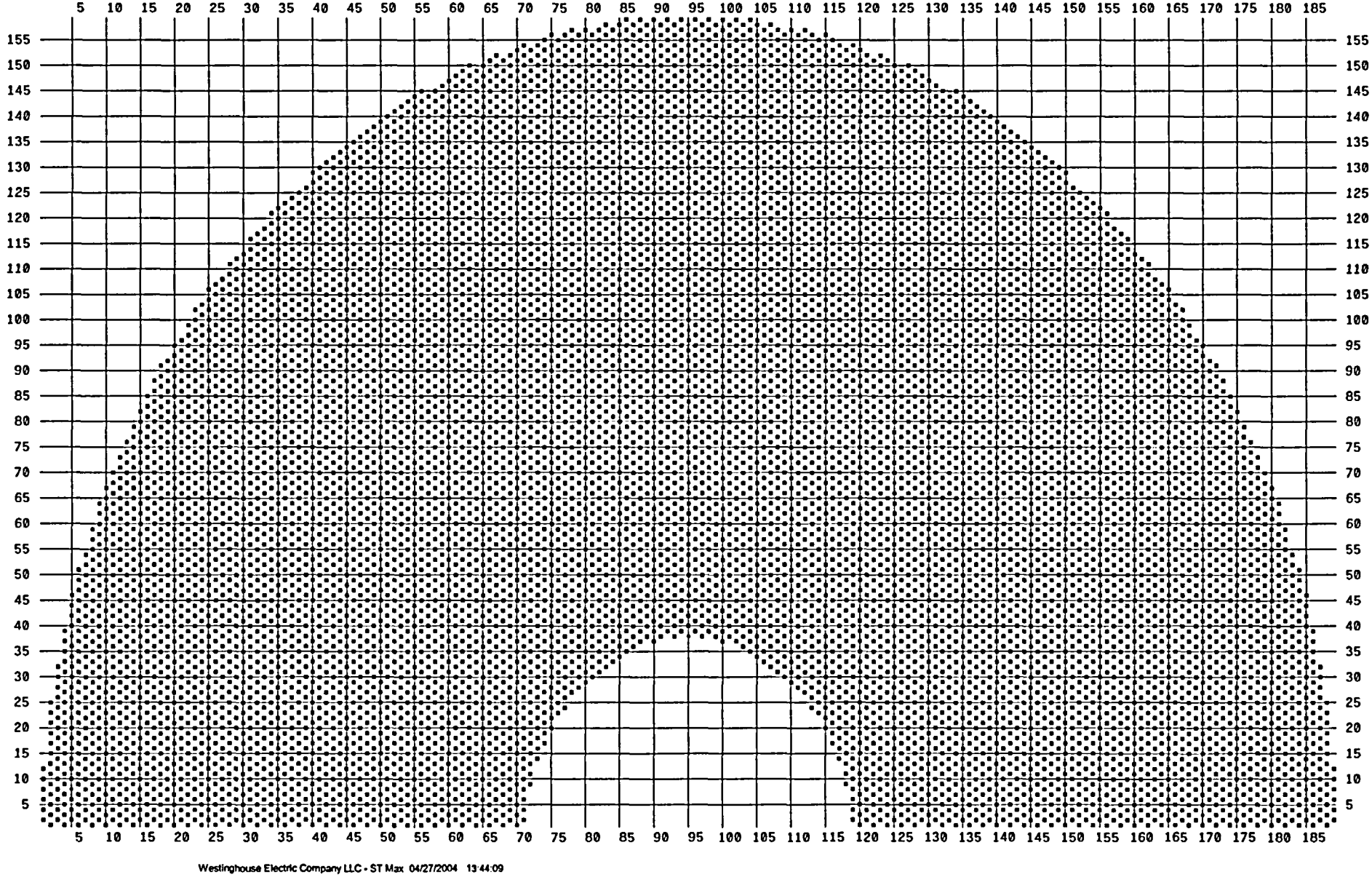
SG - 11 MRPC OF TOP OF TUBESHEET - HOT LEG

Palo Verde U1R11 PVNGS1 80

■ 10360 TSH +2/-14"

* 53 Stay Rod

▫ 652 Plugged Tube



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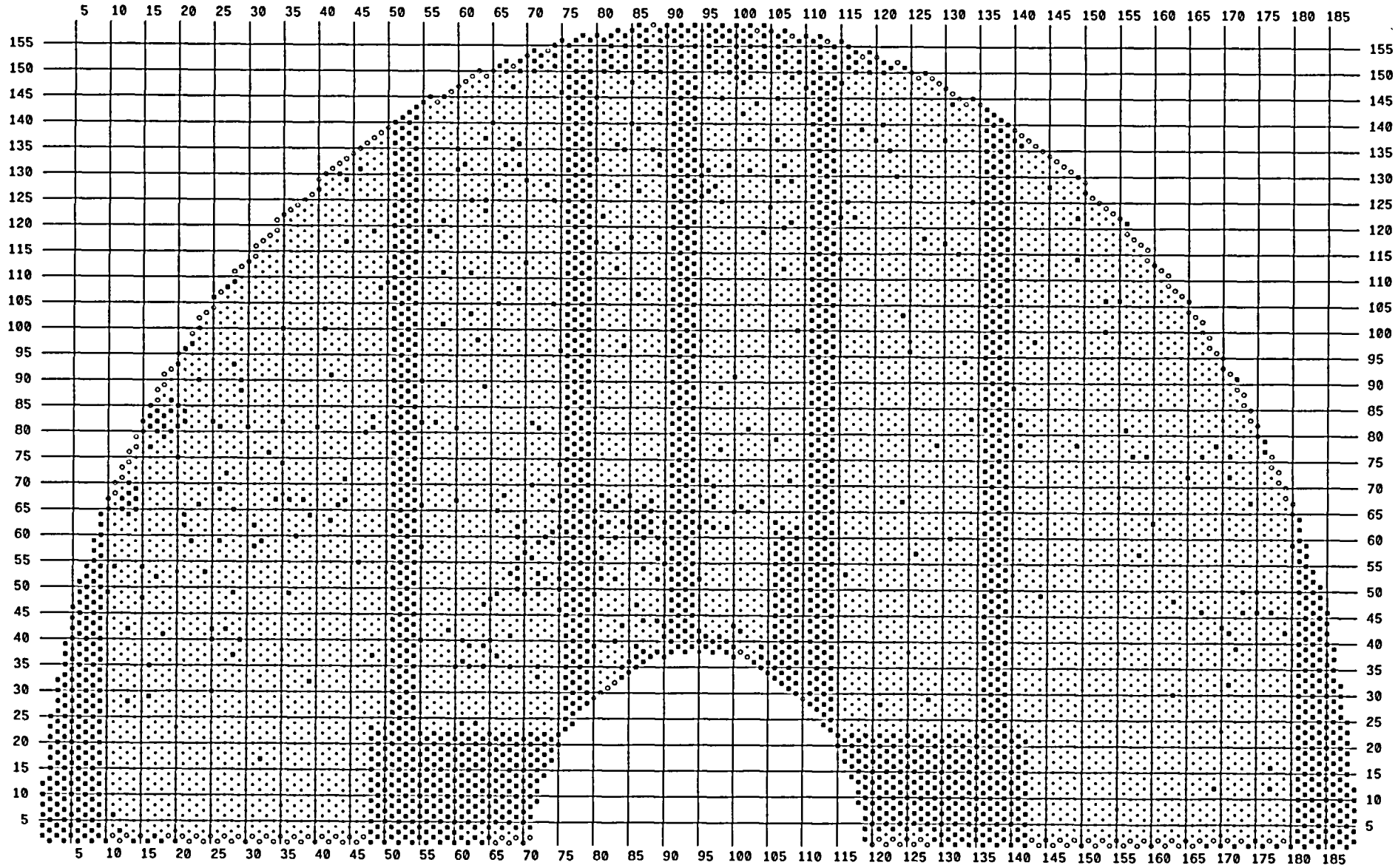
SG - 11 MRPC OF TOP OF TUBESHEET - COLD LEG

Palo Verde U1R11 PVNGS1 80

■ 2121 TSC +2/-14"

• 53 Stay Rod

▫ 652 Plugged Tube



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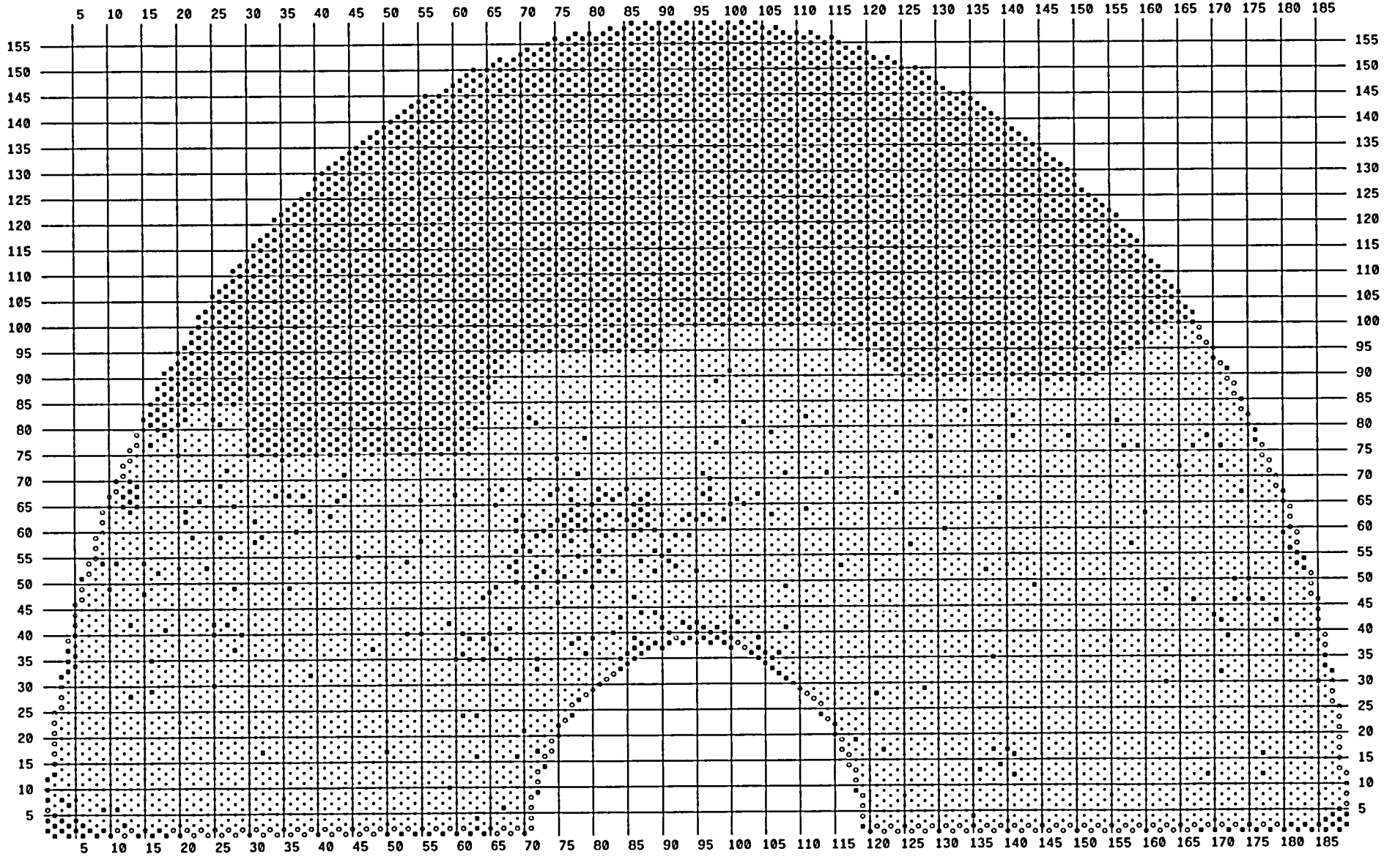
SG - 11 MRPC OF ARC REGION - HOT LEG

Palo Verde U1R11 PVNGS1 80

■ 3632 ARC TESTS

* 53 Stay Rod

□ 652 Plugged Tube



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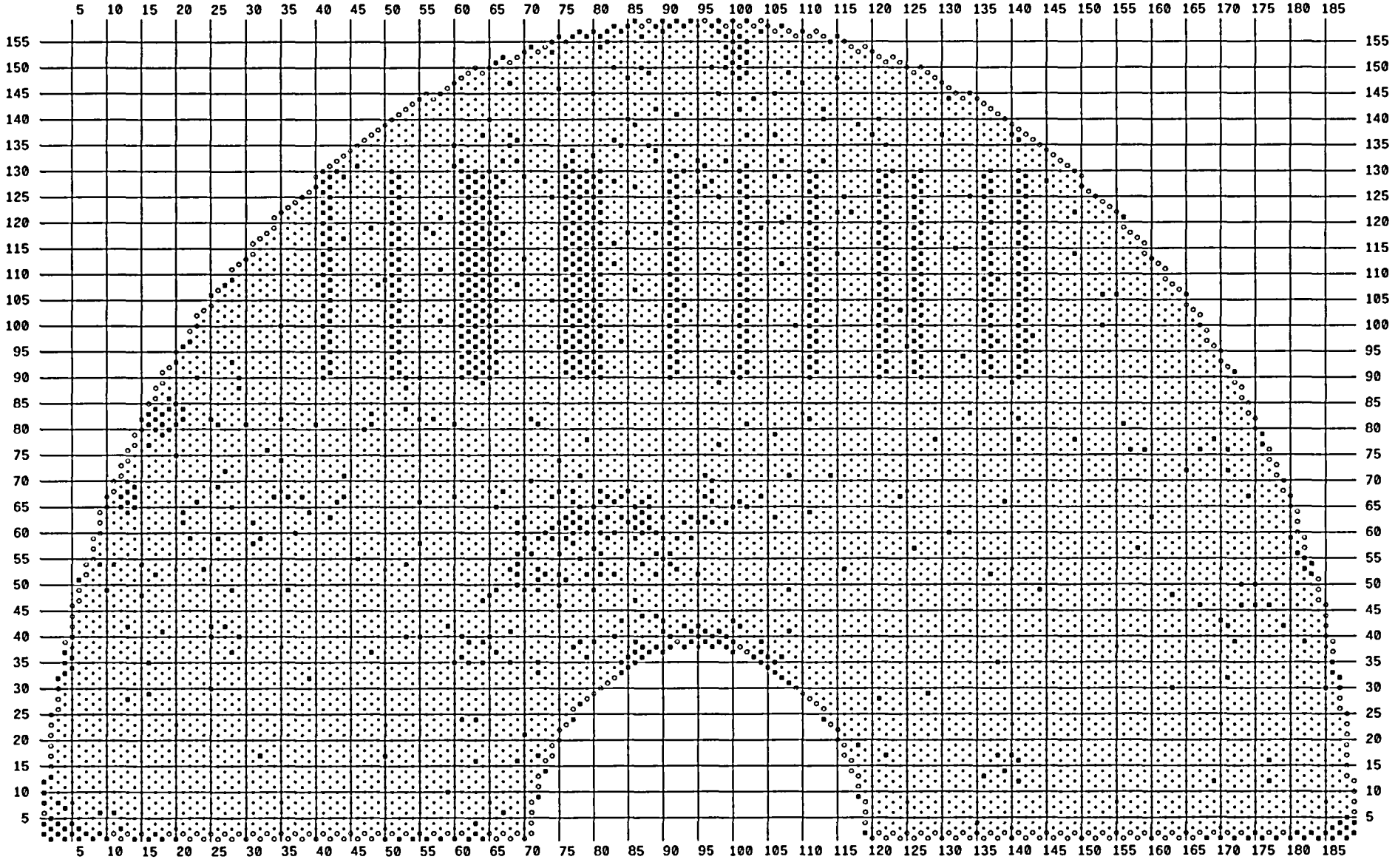
SG - 11 MRPC OF ARC REGION - COLD LEG

Palo Verde U1R11 PVNGS1 80

■ 595 ARC TESTS

• 53 Stay Rod

▫ 652 Plugged Tube



Westinghouse Electric Company LLC - ST Max 04/27/2004 13:45:51

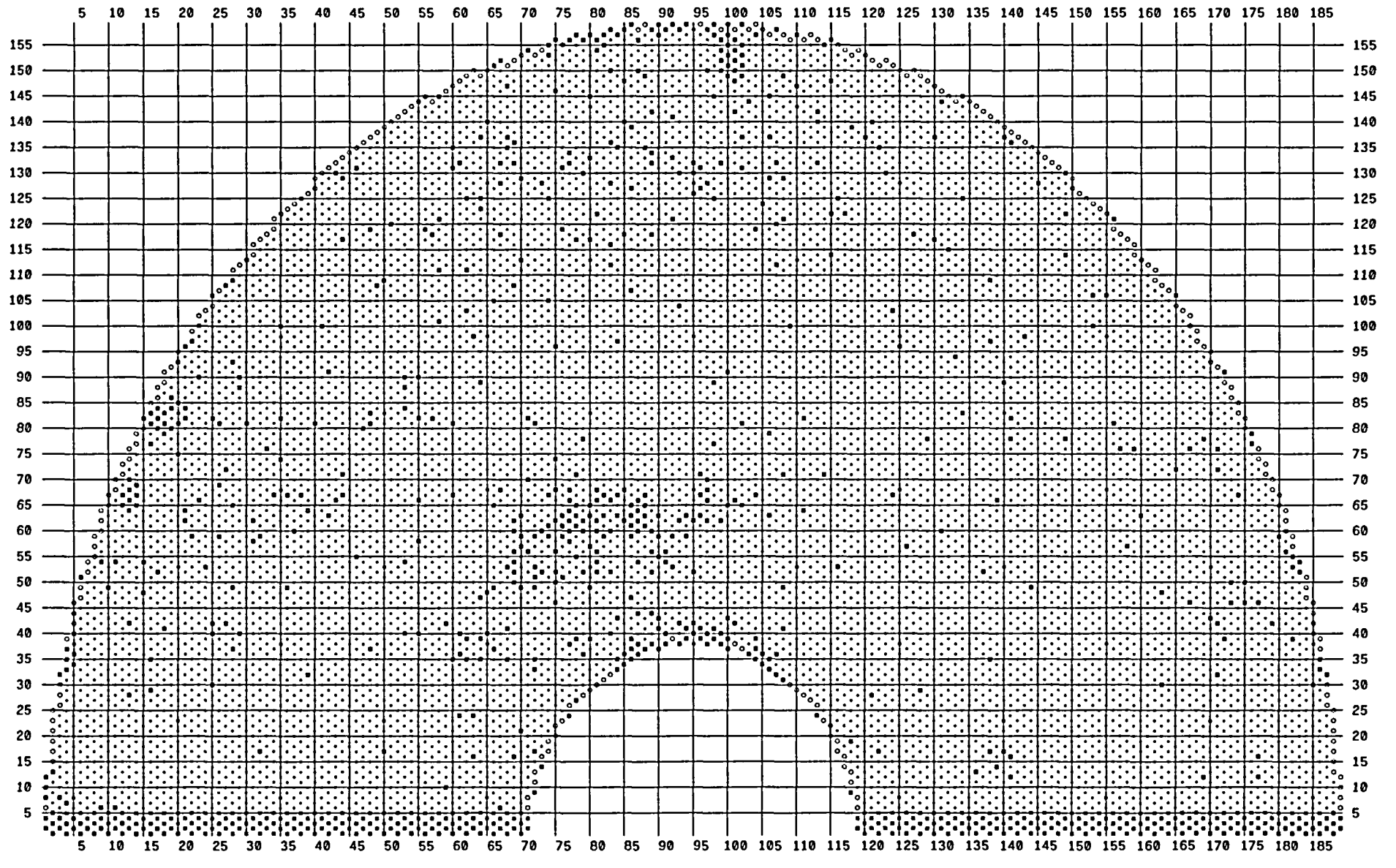
SG - 11 MRPC OF ROW 1 - 5 U-BENDS

Palo Verde U1R11 PVNGS1 80

■ 293 07H-07C TESTS

• 53 Stay Rod

▫ 652 Plugged Tube



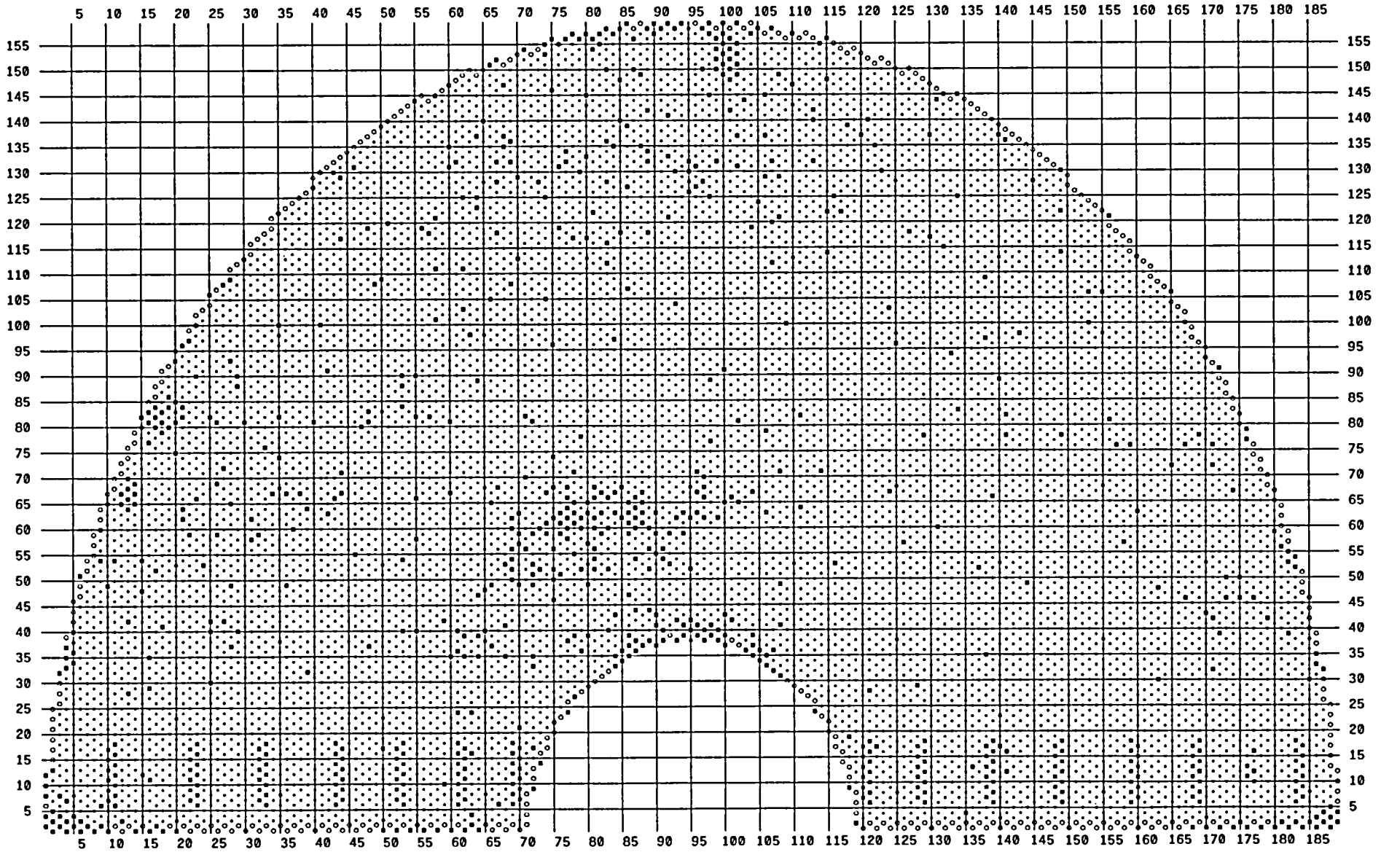
SG - 11 MRPC OF ROW 6 - 18 U-BENDS

Palo Verde U1R11 PVNGS1 80

■ 181 07H-07C TESTS

* 53 Stay Rod

□ 652 Plugged Tube



Westinghouse Electric Company LLC - ST Max 04/27/2004 13:45:07

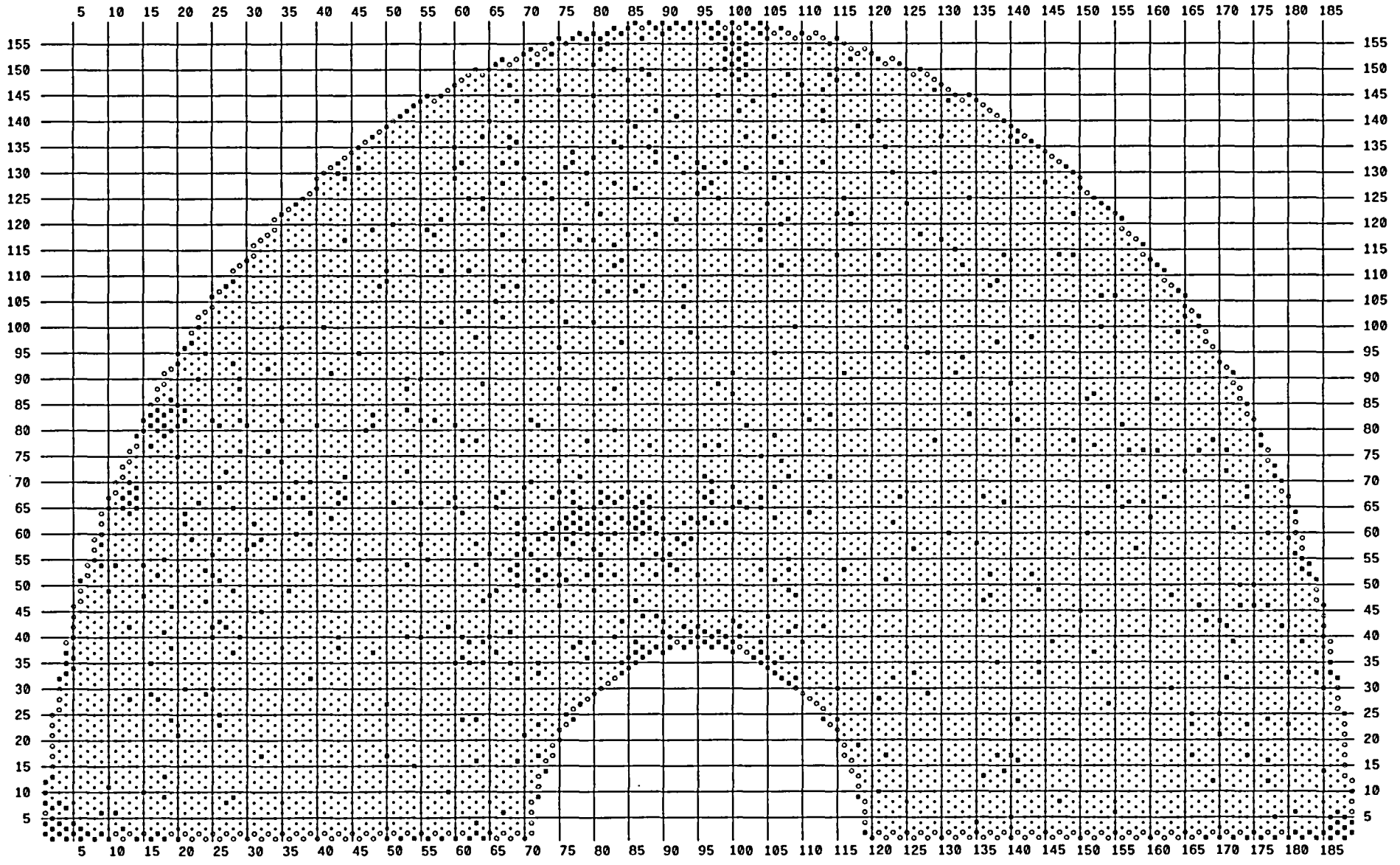
SG - 11 DENTS FROM HISTORY TSH >=2" - BW1 <-3"

Palo Verde U1R11 PVNGS1 80

■ 219 DENT TESTS

* 53 Stay Rod

▫ 652 Plugged Tube



Westinghouse Electric Company LLC - ST Max 04/27/2004 13:44:30

SG - 12 BOBBIN PROGRAM - COLD LEG

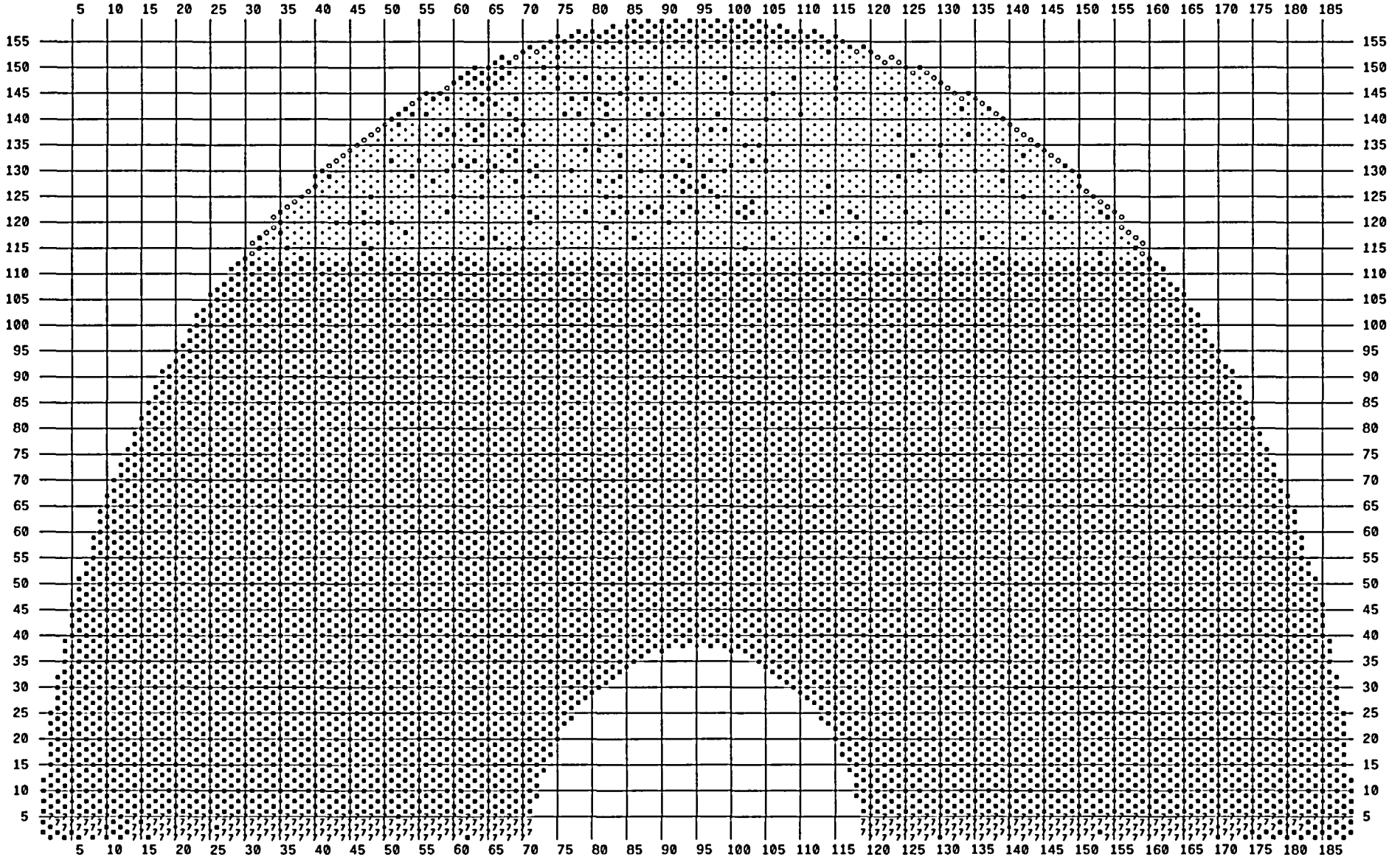
Palo Verde U1R11 PVNGS1 80

■ 8052 F/L TESTS

7 300 07C - TEC TESTS

* 53 Stay Rod

▫ 862 Plugged Tube



Westinghouse Electric Company LLC - ST Max 04/27/2004 13:50:38

SG - 12 BOBBIN PROGRAM - HOT LEG

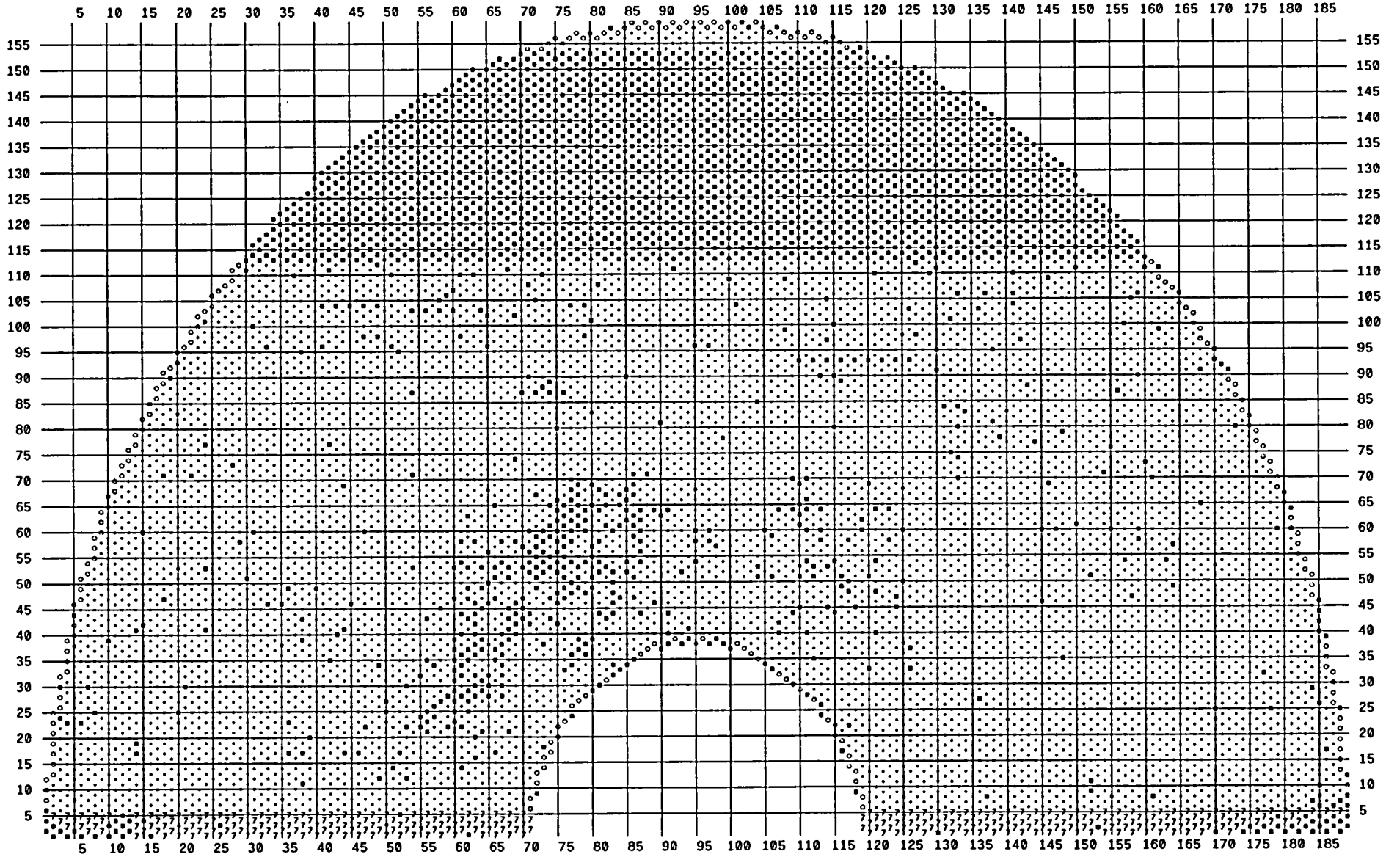
Palo Verde U1R11 PVNGS1 80

■ 1798 F/L TESTS

7 300 07H - TEH TESTS

• 53 Stay Rod

▫ 862 Plugged Tube



Westinghouse Electric Company LLC - ST Max 04/27/2004 13:49:45

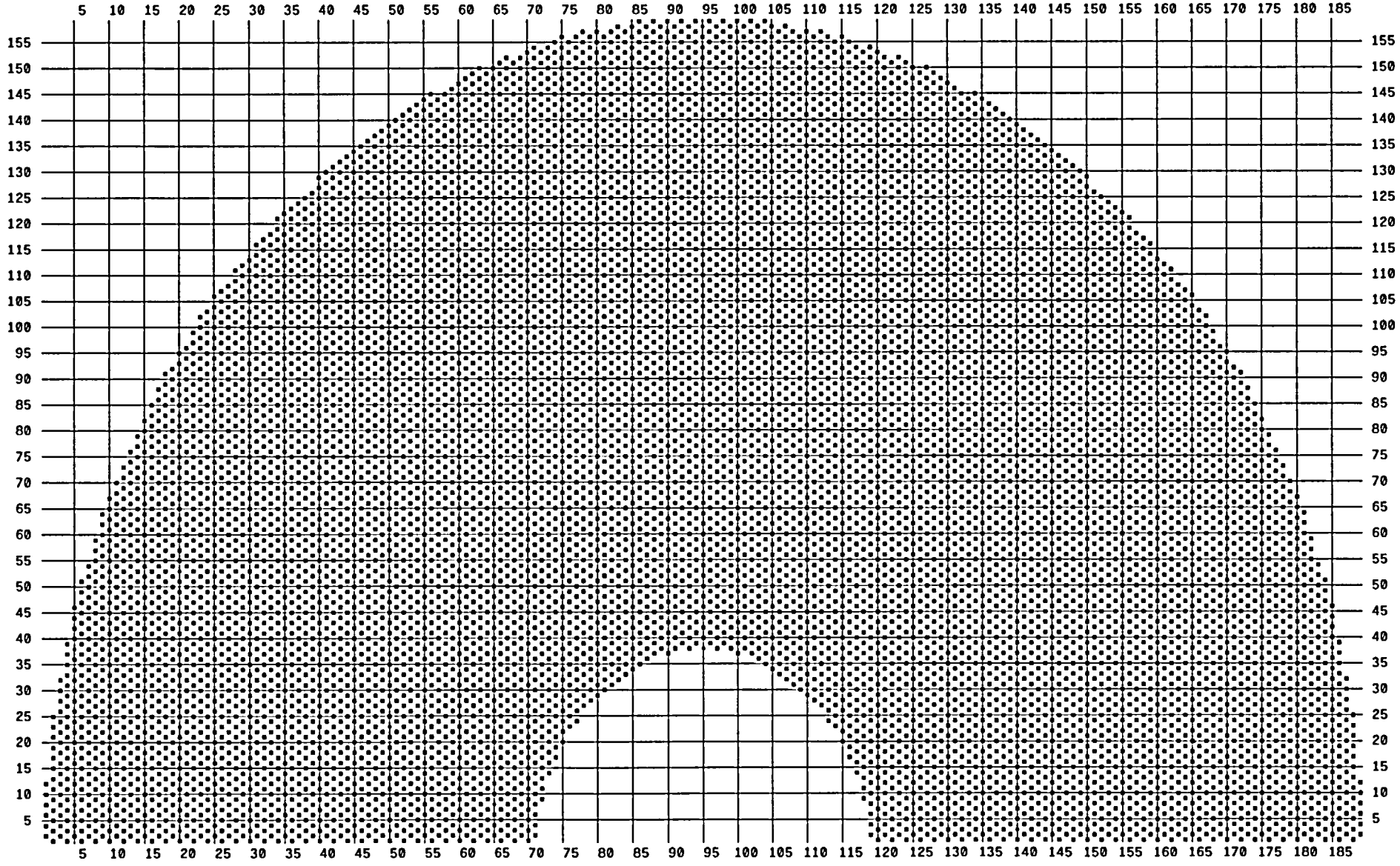
SG - 12 MRPC OF TOP OF TUBESHEET - HOT LEG

Palo Verde U1R11 PVNGS1 80

■ 10150 TSH +2/-14"

* 53 Stay Rod

▫ 862 Plugged Tube



SG - 12 MRPC OF TOP OF TUBESHEET - COLD LEG

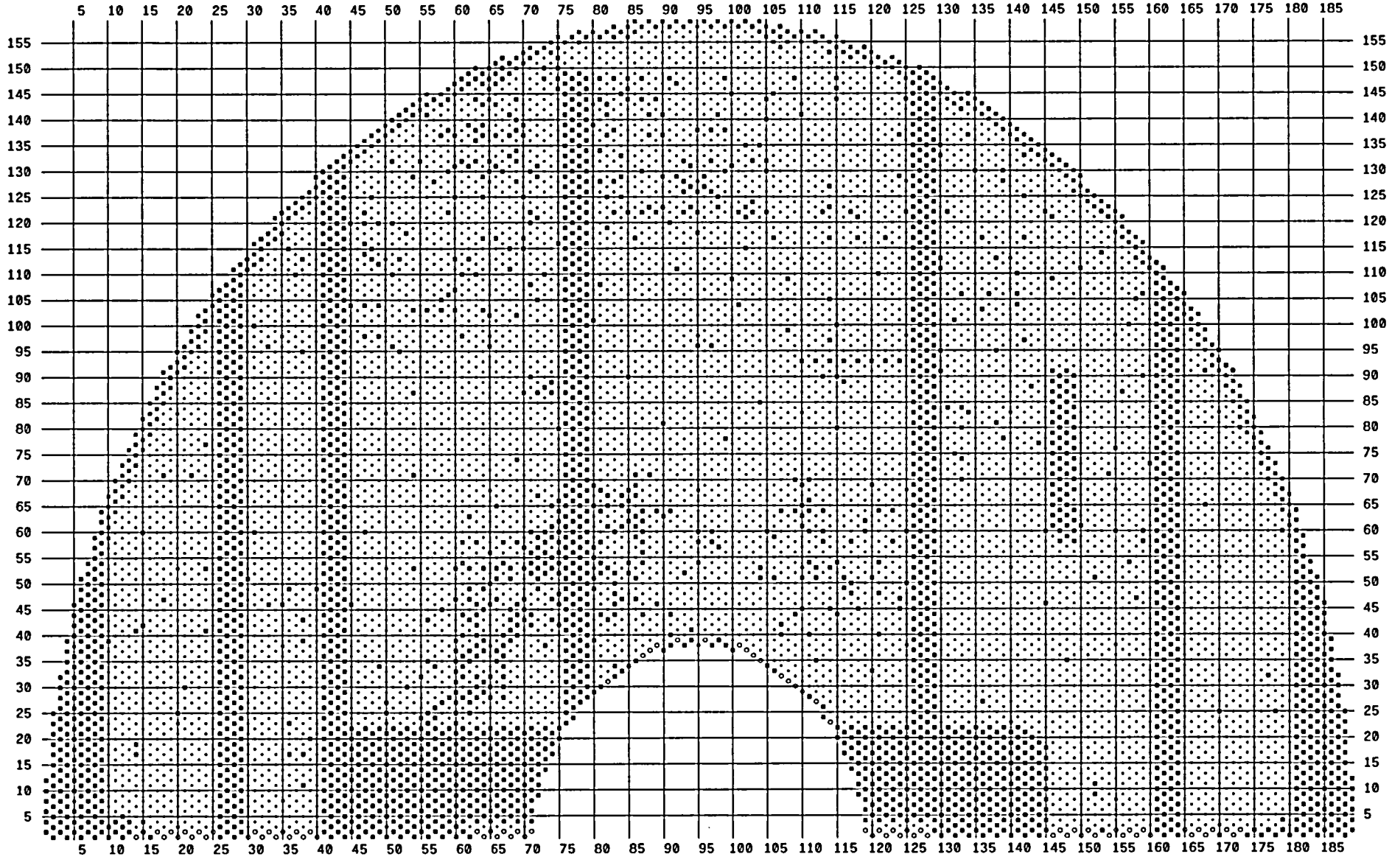
Palo Verde U1R11 PVNGS1 80

■ 2080 TSC +2/-14"

▪ 288 TSC +2/-14 PLP EXPANSION

• 53 Stay Rod

▫ 862 Plugged Tube



Westinghouse Electric Company LLC - ST Max 04/27/2004 13:50:18

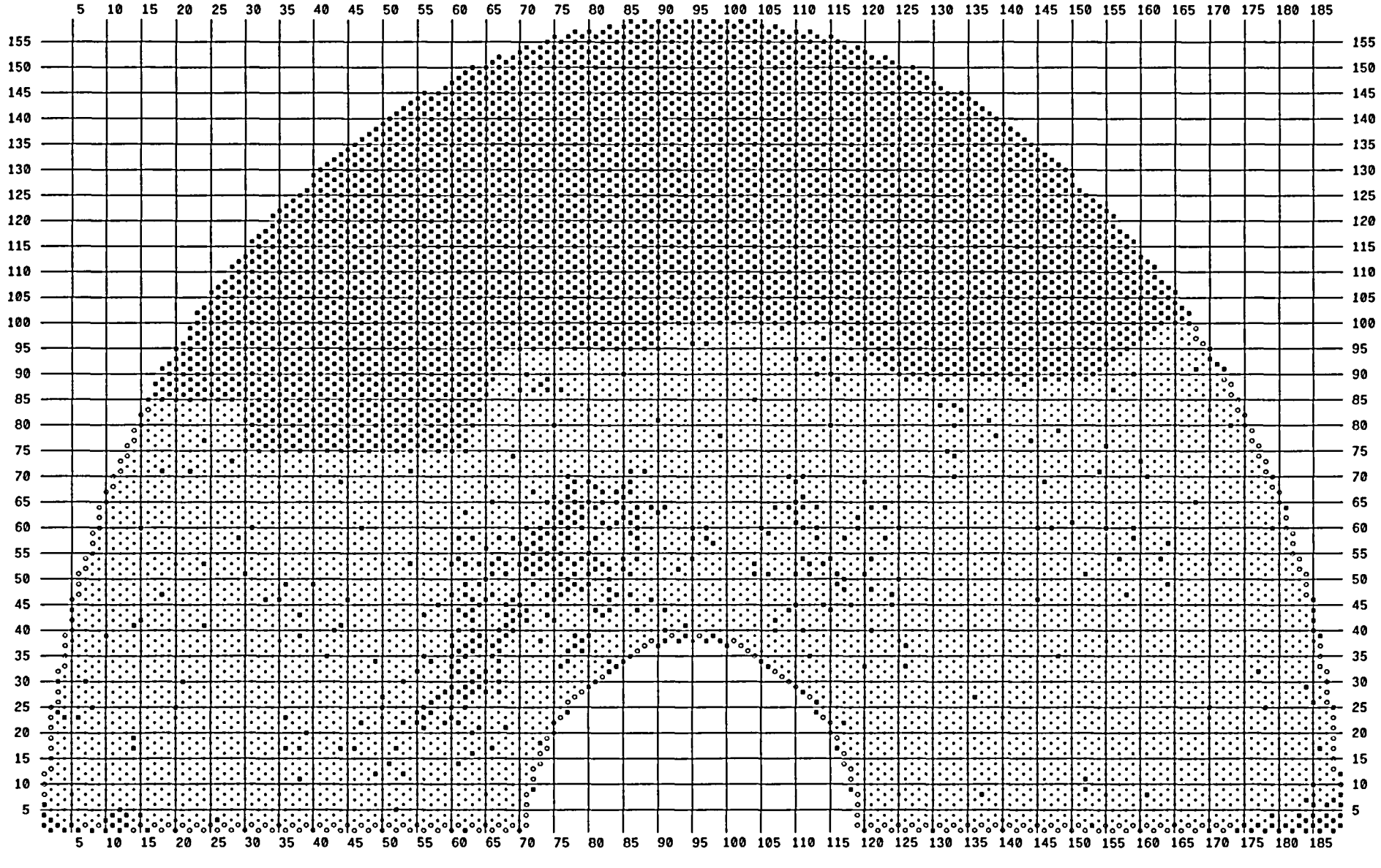
SG - 12 MRPC OF ARC REGION - HOT LEG

Palo Verde U1R11 PVNGS1 80

■ 3525 ARC TESTS

* 53 Stay Rod

▫ 862 Plugged Tube



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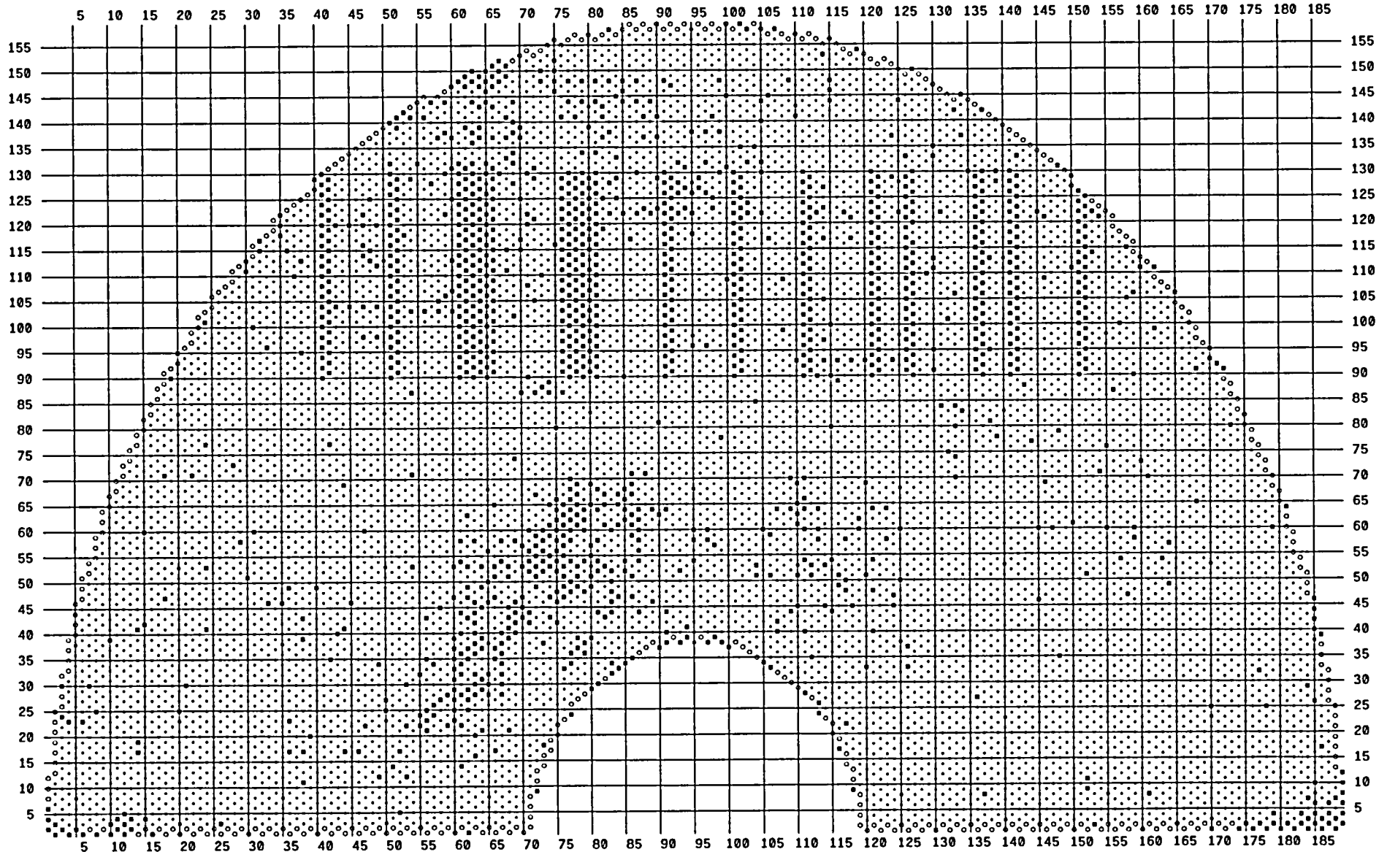
SG - 12 MRPC OF ARC REGION - COLD LEG

Palo Verde U1R11 PVNGS1 80

■ 591 ARC TESTS

* 53 Stay Rod

▫ 862 Plugged Tube



Westinghouse Electric Company LLC - ST Max 04/27/2004 13:50:44

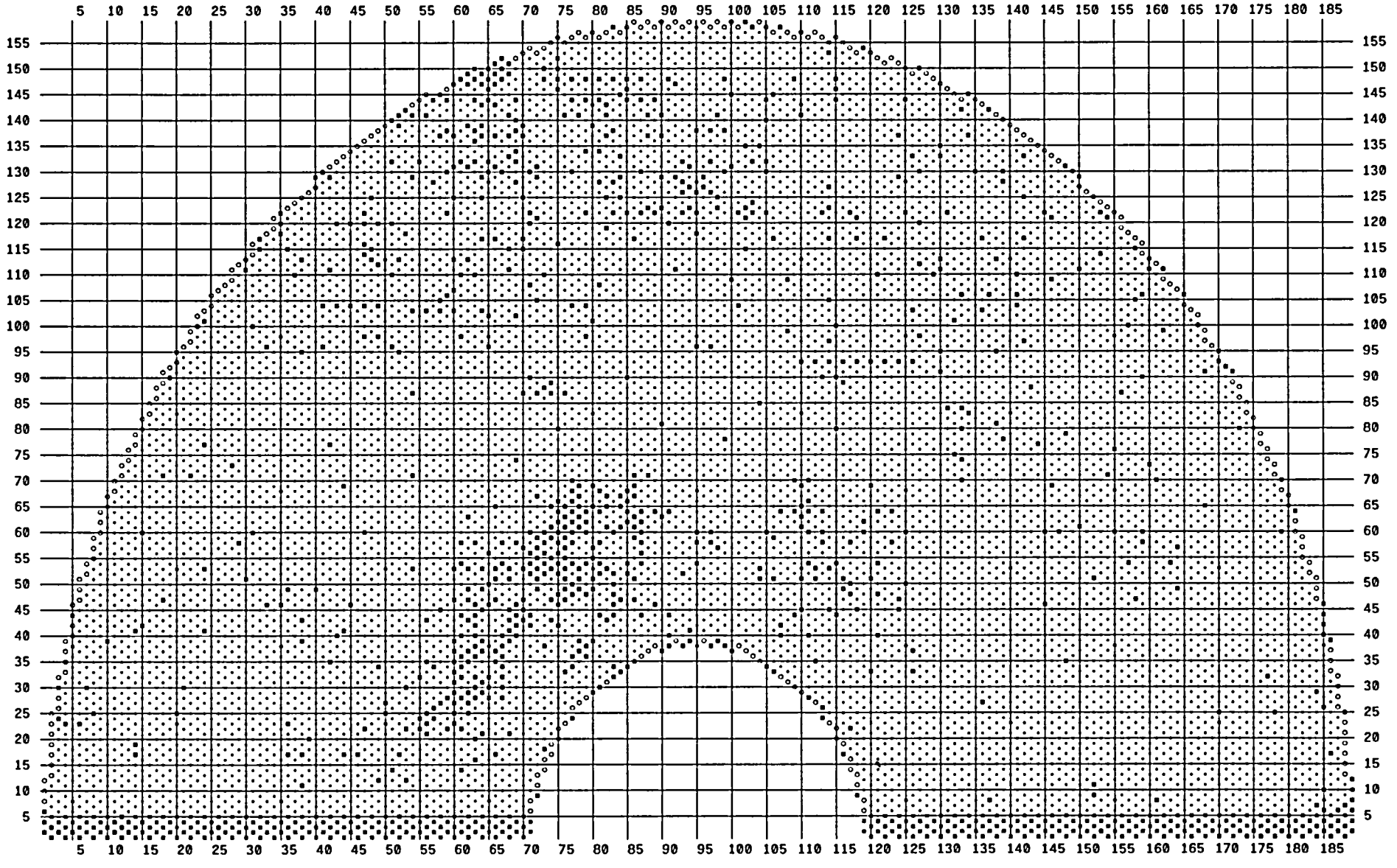
SG - 12 MRPC OF ROW 1 - 5 U-BENDS

Palo Verde U1R11 PVNGS1 80

■ 300 07H - 07C TESTS

* 53 Stay Rod

▫ 862 Plugged Tube



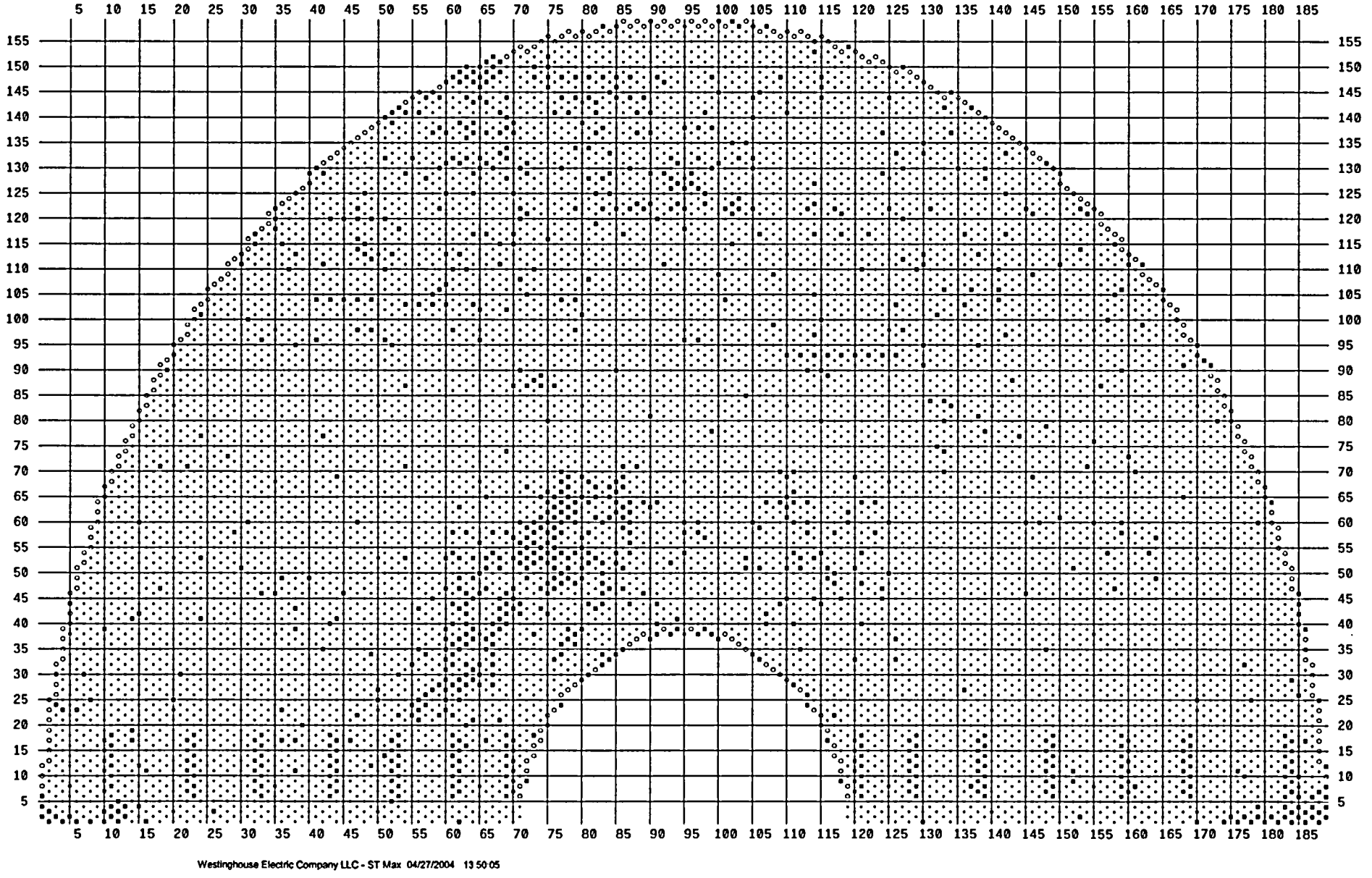
SG - 12 MRPC OF ROW 6 - 18 U-BENDS

Palo Verde U1R11 PVNGS1 80

■ 180 07H - 07C TESTS

• 53 Stay Rod

□ 862 Plugged Tube



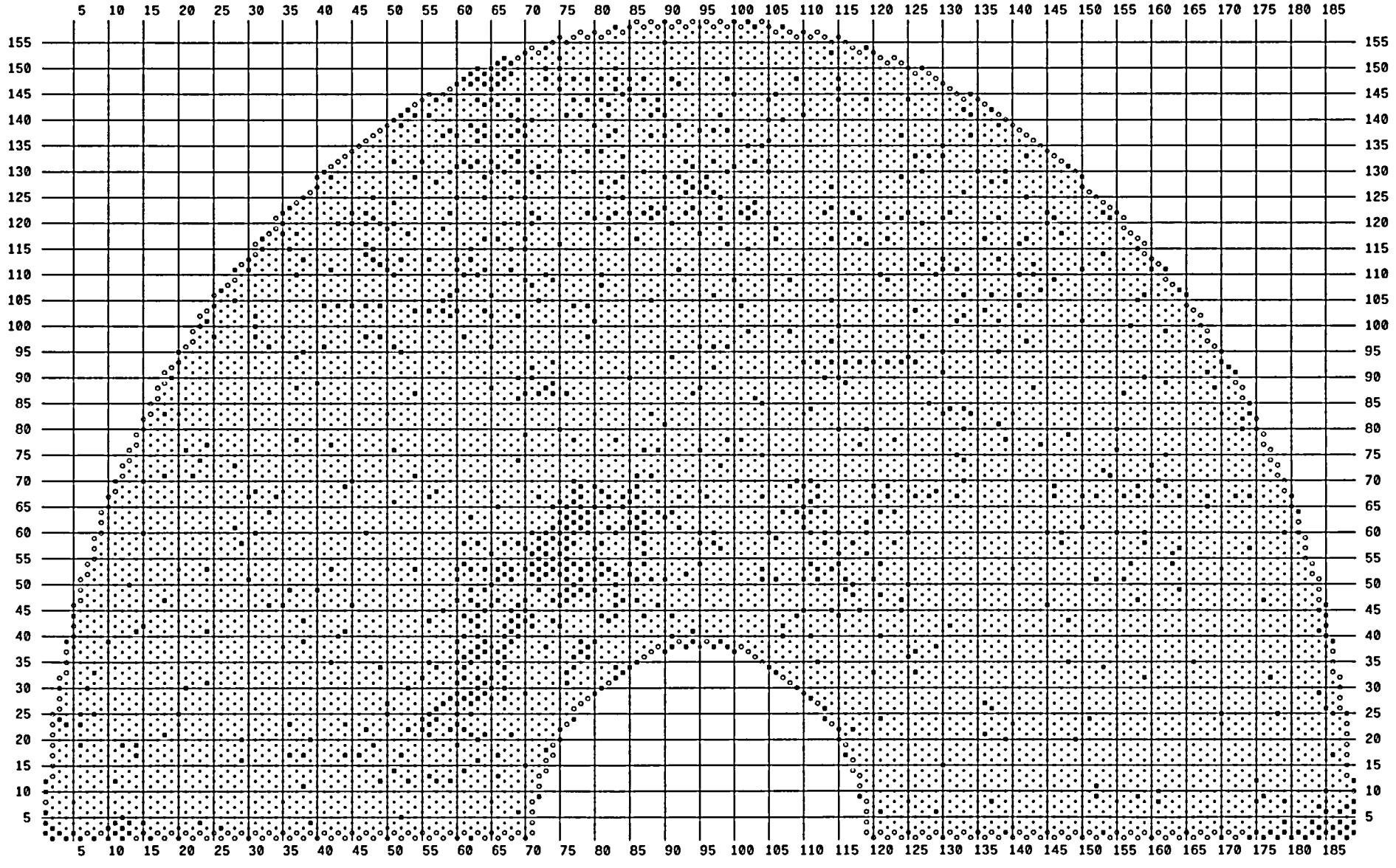
SG - 12 DENTS FROM HISTORY TSH >=2" - BW1 <-3"

Palo Verde U1R11 PVNGS1 80

■ 220 DENT TESTS

* 53 Stay Rod

▫ 862 Plugged Tube



APPENDIX C

STEAM GENERATOR 11

SUMMARY DATA SHEETS

SG - 11 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

Palo Verde 1 U1R11 PVNGS1 20040401 04/27/2004 14:33:45

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
7	2	.67	110	PCT	12	P3	02C	-.83			02C	02C	.600	ZPAHZ	28	C	
7	2	1.32	78	PCT	22	P3	02C	-.13			02C	02C	.600	ZPAHZ	28	C	
7	2	.62	85	PCT	11	P3	02C	.22			02C	02C	.600	ZPAHZ	28	C	
7	2	.50	56	PCT	14	P2	02C	-.99			TEH	TEC	.610	RBARD	44	C	
7	2	.89	60	PCT	21	P2	02C	-.24			TEH	TEC	.610	RBARD	44	C	
9	2	.76	71	PCT	14	P3	02C	-.91			02C	02C	.600	ZPAHZ	150	C	
9	2	.75	63	PCT	14	P3	02C	.84			02C	02C	.600	ZPAHZ	150	C	
19	2	.91	63	PCT	16	P3	06C	.79			06C	06C	.600	ZPAHZ	28	C	
19	2	.49	136	PCT	14	P2	06C	.73			TEH	TEC	.610	RBARD	48	C	
25	2	.62	121	PCT	12	P3	06C	.03			06C	06C	.600	ZPAHZ	150	C	
12	3	.61	59	PCT	11	P3	06C	.89			06C	06C	.600	ZPAHZ	150	C	
22	3	.61	120	PCT	12	P3	06C	-.14			06C	06C	.600	ZPAHZ	150	C	
39	4	2.91	79	PCT	37	P3	03C	-.92			03C	03C	.600	ZPAHZ	28	C	
39	4	1.57	93	PCT	31	P2	03C	-.90			TEH	TEC	.610	RBARD	48	C	
39	4	.89	84	PCT	16	P3	04C	-.92			04C	04C	.600	ZPAHZ	150	C	
39	4	1.41	90	PCT	23	P3	04C	.84			04C	04C	.600	ZPAHZ	150	C	
44	5	.66	40	PCT	12	P3	07C	.73			07C	07C	.600	ZPAHZ	150	C	
43	6	.84	61	PCT	15	P3	04C	.83			04C	04C	.600	ZPAHZ	150	C	
47	6	1.15	52	PCT	19	P3	04C	.90			04C	04C	.600	ZPAHZ	28	C	
47	6	.61	93	PCT	17	P2	04C	.89			TEH	TEC	.610	RBARD	87	C	
49	6	.62	107	PCT	12	P3	07C	.87			07C	07C	.600	ZPAHZ	150	C	
4	7	.57	71	PCT	11	P3	02C	-.92			02C	02C	.600	ZPAHZ	28	C	
4	7	1.06	95	PCT	18	P3	02C	-.85			02C	02C	.600	ZPAHZ	28	C	
4	7	.69	127	PCT	18	P2	02C	-1.04			07C	TEC	.610	RBARD	36	C	
10	7	.72	73	PCT	13	P3	BW2	.61			07C	BW2	.580	ZPUFZ	146	C	
3	8	.77	81	PCT	14	P3	02C	-.92			02C	02C	.600	ZPAHZ	28	C	
3	8	.29	59	PCT	9	P2	02C	-1.03			07C	TEC	.610	RBARD	37	C	
27	8	.51	40	PCT	14	P2	VS4	-.77			TEH	TEC	.610	RBARD	48	C	
57	8	.83	70	PCT	15	P3	07C	-.16			07C	07C	.600	ZPAHZ	28	C	
59	8	.77	81	PCT	14	P3	03C	-1.00			03C	03C	.600	ZPAHZ	150	C	
12	9	.36	96	SAI		P2	TSH	-.23		.20	TSH	TSH	.600	ZPAHZ	15	H	
12	9	.98	19	SAI		P3	TSH	-.23		.20	TSH	TSH	.600	ZPAHZ	15	H	
20	9	.69	64	PCT	12	P3	BW1	1.83			BW1	VS4	.580	ZPUFZ	168	H	
39	10	.75	68	PCT	14	P3	VS4	-.80			VS4	VS4	.580	ZPUFZ	333	H	
1	12	1.20	84	PCT	20	P3	03C	-.72			03C	03C	.600	ZPAHZ	28	C	
1	12	1.21	81	PCT	20	P3	02C	-.23			02C	02C	.600	ZPAHZ	28	C	
1	12	.60	43	PCT	17	P2	03C	-.95			07C	TEC	.610	RBARD	37	C	
1	12	.87	65	PCT	22	P2	02C	-.19			07C	TEC	.610	RBARD	37	C	
25	12	.52	75	PCT	15	P2	BW1	1.96			TEH	TEC	.610	RBARD	50	C	
25	12	1.16	69	PCT	19	P3	BW1	1.98			BW1	VS4	.580	ZPUFZ	168	H	
2	13	1.08	79	PCT	18	P3	03C	-.90			03C	03C	.600	ZPAHZ	28	C	
2	13	.76	69	PCT	14	P3	02C	-.19			TSC	02C	.600	ZPAHZ	28	C	
2	13	.63	58	PCT	17	P2	03C	-.94			07C	TEC	.610	RBARD	37	C	
10	13	1.05	84	PCT	18	P3	BW2	.86			07C	BW2	.580	ZPUFZ	146	C	
14	13	.88	49	PCT	15	P3	BW2	-1.58			07C	07H	.580	ZPUFZ	146	C	
26	13	.87	27	PCT	16	P3	VS4	.99			VS4	VS4	.580	ZPUFZ	333	H	
34	13	.76	67	PCT	20	P2	VS4	-.91			TEH	TEC	.610	RBARD	48	C	
34	13	1.00	32	PCT	18	P3	VS4	-.88			VS4	VS4	.580	ZPUFZ	333	H	
50	13	.78	87	PCT	14	P3	BW1	1.83			BW1	VS4	.580	ZPUFZ	335	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

SG - 11 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

Palo Verde 1 U1R11 PVNGS1 20040401 04/27/2004 14:33:45

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
72	13	.54	68	PCT	10	P3	VS5	.88			VS5	VS5	.580	ZPUFZ	145	C	
74	13	1.01	107	PCT	18	P3	04C	-.14			04C	04C	.600	ZPAHZ	150	C	
76	13	1.02	62	PCT	18	P3	04C	-.19			04C	04C	.600	ZPAHZ	150	C	
25	14	.56	114	PCT	10	P3	BW1	1.77			BW1	VS4	.580	ZPUFZ	168	H	
29	14	.55	83	PCT	11	P3	VS4	-.84			VS4	VS4	.580	ZPUFZ	333	H	
43	14	.58	86	PCT	16	P2	VS4	-.84			TEH	TEC	.610	RBARD	87	C	
43	14	.85	73	PCT	15	P3	VS4	-.82			VS4	VS4	.580	ZPUFZ	333	H	
73	14	.69	99	PCT	13	P3	04C	.89			04C	04C	.600	ZPAHZ	150	C	
77	14	.62	113	PCT	12	P3	04C	.83			04C	04C	.600	ZPAHZ	150	C	
2	15	.89	106	PCT	16	P3	02C	-.89			02C	02C	.600	ZPAHZ	28	C	
10	15	.79	79	PCT	14	P3	BW2	.93			07C	BW2	.580	ZPUFZ	146	C	
14	15	.64	92	PCT	12	P3	BW2	-1.68			07C	07H	.580	ZPUFZ	146	C	
30	15	.70	58	PCT	13	P3	VS4	-.79			VS4	VS4	.580	ZPUFZ	333	H	
34	15	.63	60	PCT	12	P3	VS4	-.83			VS4	VS4	.580	ZPUFZ	333	H	
3	16	.92	92	PCT	16	P3	03C	-.89			03C	03C	.600	ZPAHZ	28	C	
3	16	.79	63	PCT	14	P3	03C	-.06			03C	03C	.600	ZPAHZ	28	C	
3	16	.92	83	PCT	16	P3	04C	.82			04C	04C	.600	ZPAHZ	150	C	
9	16	.36	109	PCT	12	P2	BW2	.01			TEH	TEC	.610	RBARD	44	C	
9	16	1.13	74	PCT	19	P3	BW2	-.04			07C	BW2	.580	ZPUFZ	146	C	
25	16	.66	85	PCT	12	P3	BW1	1.94			BW1	VS4	.580	ZPUFZ	169	H	
43	16	1.03	102	SAI		P3	TSH	-.22		.20	TSH	TSH	.600	ZPAHZ	19	H	
43	16	.34	132	SAI		P2	TSH	-.22		.20	TSH	TSH	.600	ZPAHZ	19	H	
65	16	.56	82	PCT	11	P3	08C	-1.05			08C	VS5	.580	ZPUFZ	145	C	
79	16	.92	54	PCT	16	P3	04C	.72			04C	04C	.600	ZPAHZ	150	C	
8	17	.82	77	PCT	14	P3	BW2	-.62			07C	BW2	.580	ZPUFZ	146	C	
14	17	.66	49	PCT	12	P3	BW1	1.90			07C	07H	.580	ZPUFZ	146	C	
14	17	.76	59	PCT	14	P3	BW2	-2.02			07C	07H	.580	ZPUFZ	146	C	
32	17	.81	49	PCT	13	P3	BW1	.98			BW1	VS4	.580	ZPUFZ	168	H	
44	17	.22	48	SAI		P2	03H	.90		.20	03H	03H	.600	ZPAHZ	356	H	
44	17	.54	121	SAI		P3	03H	.90		.20	03H	03H	.600	ZPAHZ	356	H	
60	17	.49	112	PCT	12	P2	VS5	-.55			TEH	TEC	.610	RBARD	88	C	
60	17	.73	87	PCT	14	P3	VS5	-.66			VS5	VS5	.580	ZPUFZ	145	C	
66	17	.53	67	PCT	15	P2	08C	-1.13			TEH	TEC	.610	RBARD	87	C	
66	17	.60	47	PCT	12	P3	08C	-1.01			08C	VS5	.580	ZPUFZ	145	C	
3	18	.95	58	PCT	17	P3	02C	.84			02C	02C	.600	ZPAHZ	150	C	
27	18	.69	33	PCT	13	P3	06C	.76			06C	06C	.600	ZPAHZ	150	C	
27	18	.76	39	PCT	14	P3	VS4	-.75			VS4	VS4	.580	ZPUFZ	333	H	DQA
31	18	.60	37	PCT	11	P3	06C	.78			06C	06C	.600	ZPAHZ	150	C	
43	18	.71	108	PCT	16	P2	VS4	.81			TEH	TEC	.610	RBARD	88	C	
43	18	.81	55	PCT	15	P3	VS4	.80			VS4	VS4	.580	ZPUFZ	333	H	
51	18	.69	49	PCT	13	P3	BW1	1.91			BW1	VS4	.580	ZPUFZ	333	H	
57	18	1.05	60	PCT	17	P3	BW1	1.58			BW1	VS3	.580	ZPUFZ	184	H	
73	18	1.09	72	PCT	18	P3	BW1	1.97			BW1	VS3	.580	ZPUFZ	179	H	
85	18	.92	73	PCT	14	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	215	H	X45

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

SG - 11 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

Palo Verde 1 U1R11 PVNGS1 20040401 04/27/2004 14:33:45

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
2	19	1.11	77	PCT	19	P3	02C	.82			02C	02C	.600	ZPAHZ	28	C	
2	19	.64	113	PCT	17	P2	02C	.87			07C	TEC	.610	RBARD	36	C	
14	19	.96	82	PCT	17	P3	BW2	-1.79			07C	07H	.580	ZPUFZ	146	C	
28	19	.70	73	PCT	13	P3	06C	.78			06C	06C	.600	ZPAHZ	150	C	
32	19	.95	69	PCT	16	P3	BW1	.77			BW1	VS4	.580	ZPUFZ	168	H	
54	19	.84	78	PCT	15	P3	BW1	1.77			BW1	VS3	.580	ZPUFZ	329	H	
62	19	.99	74	PCT	16	P3	BW1	1.91			BW1	VS3	.580	ZPUFZ	179	H	
17	20	.56	73	PCT	11	P3	VS4	-.93			VS4	VS4	.580	ZPUFZ	333	H	
17	20	.56	75	PCT	11	P3	VS4	.94			VS4	VS4	.580	ZPUFZ	333	H	
29	20	.63	43	PCT	12	P3	06C	.79			06C	06C	.600	ZPAHZ	150	C	
49	20	.78	46	PCT	13	P3	BW1	1.58			BW1	VS4	.580	ZPUFZ	184	H	
51	20	.40	93	PCT	12	P2	BW1	1.81			TEH	TEC	.610	RBARD	87	C	
51	20	1.01	72	PCT	16	P3	BW1	1.96			BW1	VS4	.580	ZPUFZ	184	H	
59	20	1.61	29	SVI	29	P3	TSH	-.12		.23	TSH	TSH	.600	ZPAHZ	30	H	PIT
65	20	.59	51	PCT	11	P3	08C	.74			08C	VS5	.580	ZPUFZ	145	C	
67	20	.50	102	SAI		P3	VS5	-.80		.30	VS5	VS5	.580	ZPUFZ	145	C	
67	20	.23	40	SAI		P2	VS5	-.80		.30	VS5	VS5	.580	ZPUFZ	145	C	
2	21	.85	69	PCT	15	P3	04C	.84			04C	04C	.600	ZPAHZ	28	C	
2	21	.45	50	PCT	13	P2	04C	.87			07C	TEC	.610	RBARD	36	C	
4	21	.74	79	PCT	14	P3	05C	.87			05C	05C	.600	ZPAHZ	28	C	
10	21	.79	54	SAI		P3	02H	.87		.20	02H	02H	.600	ZPAHZ	126	H	
10	21	.25	29	SAI		P2	02H	.87		.30	02H	02H	.600	ZPAHZ	126	H	
24	21	.54	86	PCT	10	P3	07H	.83			07H	07H	.600	ZPAHZ	117	H	
30	21	.75	86	PCT	14	P3	06C	.85			06C	06C	.600	ZPAHZ	150	C	
50	21	.48	86	PCT	9	P3	BW1	1.80			BW1	VS4	.580	ZPUFZ	333	H	RBI
68	21	.76	90	PCT	13	P3	BW1	2.01			08H	VS3	.580	ZPUFZ	179	H	
80	21	.96	88	PCT	16	P3	BW1	1.58			BW1	VS3	.580	ZPUFZ	179	H	
80	21	.74	87	PCT	12	P3	VS3	.88			BW1	VS3	.580	ZPUFZ	179	H	
1	22	1.11	92	PCT	19	P3	03C	-.91			03C	03C	.600	ZPAHZ	28	C	
1	22	.51	135	PCT	15	P2	03C	-.95			07C	TEC	.610	RBARD	36	C	
1	22	.99	96	PCT	17	P3	04C	-.08			04C	04C	.600	ZPAHZ	150	C	
3	22	.88	94	PCT	16	P3	02C	-.12			02C	02C	.600	ZPAHZ	28	C	
3	22	.91	78	PCT	16	P3	02C	.88			02C	02C	.600	ZPAHZ	28	C	
25	22	.93	51	PCT	16	P3	03C	-.95			03C	03C	.600	ZPAHZ	28	C	
25	22	.49	123	PCT	14	P2	03C	-.99			TEH	TEC	.610	RBARD	50	C	
31	22	.69	48	PCT	13	P3	06C	.80			06C	06C	.600	ZPAHZ	150	C	
39	22	.86	62	PCT	16	P3	VS4	-.82			VS4	VS4	.580	ZPUFZ	333	H	
39	22	.67	69	PCT	13	P3	VS4	.82			VS4	VS4	.580	ZPUFZ	333	H	
41	22	.72	64	PCT	12	P3	BW1	1.85			BW1	VS4	.580	ZPUFZ	184	H	
43	22	.73	47	PCT	14	P3	VS4	-.84			VS4	VS4	.580	ZPUFZ	333	H	
51	22	1.00	125	PCT	23	P2	VS4	.73			TEH	TEC	.610	RBARD	85	C	
51	22	.76	81	PCT	13	P3	BW1	1.77			BW1	VS4	.580	ZPUFZ	184	H	
51	22	1.33	60	PCT	21	P3	VS4	.66			BW1	VS4	.580	ZPUFZ	184	H	
63	22	.20	66	SCI		P4	TSH	-.24		.20	TSH	TSH	.600	ZPAHZ	30	H	
63	22	.00	0	SCI		P2	TSH	-.24		.00	TSH	TSH	.600	ZPAHZ	30	H	
2	23	.88	86	PCT	16	P3	05C	.98			05C	05C	.600	ZPAHZ	28	C	
2	23	.88	71	PCT	16	P3	03C	-.91			03C	03C	.600	ZPAHZ	28	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

SG - 11 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

Palo Verde 1 U1R11 PVNGS1 20040401 04/27/2004 14:33:45

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
2	23	1.09	94	PCT	19	P3	02C	.79			02C	02C	.600	ZPAHZ	28	C	
2	23	.65	74	PCT	18	P2	05C	.94			07C	TEC	.610	RBARD	37	C	
4	23	.70	73	PCT	13	P3	07C	.65			07H	07C	.540	ZPUPH	168	C	
8	23	.75	87	PCT	13	P3	BW2	-.64			07C	07H	.580	ZPUFZ	35	C	
10	23	.92	77	PCT	16	P3	BW2	1.11			07C	07H	.580	ZPUFZ	35	C	
14	23	.62	61	PCT	12	P3	05C	-.13			05C	05C	.600	ZPAHZ	150	C	
70	23	.81	78	PCT	14	P3	BW1	1.31			BW1	VS3	.580	ZPUFZ	329	H	
76	23	.64	147	PCT	17	P2	VS3	-.82			TEH	TEC	.610	RBARD	89	C	
76	23	.72	99	PCT	13	P3	VS3	-.64			VS3	VS3	.580	ZPUFZ	329	H	
76	23	.65	125	PCT	12	P3	VS3	-.08			VS3	VS3	.580	ZPUFZ	329	H	DQA
78	23	1.06	151	PCT	22	P2	VS3	-.84			TEH	TEC	.610	RBARD	90	C	
78	23	1.05	49	PCT	18	P3	VS3	-.74			VS3	VS3	.580	ZPUFZ	329	H	DQA
78	23	.59	52	PCT	11	P3	VS3	-.19			VS3	VS3	.580	ZPUFZ	329	H	
88	23	.45	109	PCT	13	P2	BW1	1.75			TEH	TEC	.610	RBARD	89	C	
88	23	1.36	72	PCT	19	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	214	H	X45
88	23	.73	33	PCT	11	P5	VS2	-.74			07H	VS3	.580	ZPUMZ	214	H	X45
94	23	.73	96	PCT	13	P3	BW1	1.26			07H	VS3	.580	ZPUMZ	214	H	X45
100	23	.50	91	SAI		P3	03H	.27		.30	03H	03H	.600	ZPAHZ	355	H	
100	23	.20	52	SAI		P2	03H	.27		.50	03H	03H	.600	ZPAHZ	355	H	
5	24	.60	71	PCT	10	P3	07C	.96			07H	07C	.540	ZPUPH	163	C	
9	24	.48	113	PCT	14	P2	BW2	.19			TEH	TEC	.610	RBARD	45	C	
9	24	.64	75	PCT	12	P3	BW2	.24			07C	BW2	.580	ZPUFZ	146	C	
23	24	.83	88	PCT	15	P3	07C	-.08			07C	07C	.600	ZPAHZ	150	C	
43	24	.65	88	PCT	12	P3	VS4	.67			VS4	VS4	.580	ZPUFZ	333	H	
49	24	.77	70	PCT	14	P3	BW1	1.97			BW1	VS4	.580	ZPUFZ	333	H	
49	24	.64	16	SVI		P3	BW1	4.62		.20	BW1	VS4	.580	ZPUFZ	333	H	RBI
49	24																VID
57	24	.78	100	PCT	14	P3	BW1	-1.89			BW1	VS3	.580	ZPUFZ	329	H	
59	24	.69	119	PCT	16	P2	BW1	1.77			TEH	TEC	.610	RBARD	86	C	
59	24	1.59	75	PCT	24	P3	BW1	1.71			BW1	VS3	.580	ZPUFZ	184	H	
61	24	1.15	88	PCT	18	P3	BW1	2.02			BW1	VS3	.580	ZPUFZ	179	H	
89	24	.73	78	PCT	12	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	215	H	X45
103	24	.60	100	PCT	10	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	249	H	X60
4	25	.56	66	PCT	11	P3	02C	.81			02C	02C	.600	ZPAHZ	150	C	
8	25	.65	65	PCT	17	P2	BW2	-.89			TEH	TEC	.610	RBARD	44	C	
8	25	1.21	65	PCT	20	P3	BW2	-.78			07C	BW2	.580	ZPUFZ	146	C	
10	25	.68	113	PCT	18	P2	BW2	.79			TEH	TEC	.610	RBARD	44	C	
10	25	.76	68	PCT	14	P3	BW2	.77			07C	BW2	.580	ZPUFZ	146	C	
18	25	.64	70	PCT	12	P3	VS4	-.78			VS4	VS4	.580	ZPUFZ	333	H	
20	25	.55	72	PCT	10	P3	07C	-.99			07C	07C	.600	ZPAHZ	28	C	
34	25	.85	28	PCT	15	P3	06C	.82			06C	06C	.600	ZPAHZ	150	C	
38	25	2.82	44	SAI		P2	TEH	.58		.60	TEH	TSH	.600	ZPAHZ	364	H	
38	25	4.78	49	SAI		P3	TEH	.58		.50	TEH	TSH	.600	ZPAHZ	364	H	
50	25	1.16	67	PCT	18	P3	BW1	1.77			BW1	VS4	.580	ZPUFZ	184	H	
52	25	.89	84	PCT	15	P3	BW1	1.44			07H	BW1	.580	ZPUFZ	184	H	
56	25	.71	47	SVI		P3	02C	30.87		.20	02C	03C	.600	ZPAHZ	27	C	NC
56	25																PIT

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

SG - 11 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

Palo Verde 1 U1R11 PVNGS1 20040401 04/27/2004 14:33:45

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
56	25	.62	57	PCT	11	P3	BW1	-1.68			07H	BW1	.580	ZPUFZ	184	H	
58	25	.87	103	PCT	15	P3	BW1	1.82			BW1	VS3	.580	ZPUFZ	329	H	
60	25	1.60	70	PCT	24	P3	BW1	1.99			BW1	VS3	.580	ZPUFZ	184	H	
62	25	.69	62	PCT	12	P3	BW1	-2.04			BW1	VS3	.580	ZPUFZ	329	H	
66	25	.64	47	PCT	12	P3	08C	.56			08C	VS5	.580	ZPUFZ	141	C	
80	25	3.78	100	PCT	45	P2	VS5	-.87			TEH	TEC	.610	RBARD	89	C	
80	25	3.39	75	PCT	41	P3	VS5	-.83			VS5	VS5	.580	ZPUFZ	145	C	
80	25	1.63	76	PCT	25	P3	VS3	.84			VS3	VS3	.580	ZPUFZ	329	H	DQA
96	25	.62	46	PCT	11	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	215	H	X45
96	25	.61	81	PCT	11	P3	BW1	2.12			07H	VS3	.580	ZPUMZ	215	H	X45
100	25	.68	141	PCT	11	P5	BW1	2.02			07H	VS3	.580	ZPUMZ	248	H	X60
102	25	.55	98	PCT	10	P5	BW1	-.32			07H	VS3	.580	ZPUMZ	248	H	X60
102	25	.58	116	PCT	10	P5	BW1	.26			07H	VS3	.580	ZPUMZ	248	H	X60
104	25	1.01	60	PCT	16	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	249	H	X60
27	26	3.28	11	BID		P1	02H	8.47			TEH	TEC	.610	RBARD	51	C	
27	26	5.34	2	BID		P1	03H	29.93			TEH	TEC	.610	RBARD	51	C	
27	26	2.22	5	BID		P1	05H	25.36			TEH	TEC	.610	RBARD	51	C	
27	26	1.39	16	MVI		P3	02H	8.41		.30	02H	04H	.600	ZPAHZ	117	H	NC
27	26																VID
27	26	.90	11	MVI		P3	05H	25.46		.30	05H	06H	.600	ZPAHZ	117	H	NC
27	26																VID
39	26	.83	104	PCT	15	P3	BW2	2.07			BW2	VS4	.580	ZPUFZ	141	C	
39	26	.96	103	PCT	16	P3	BW1	1.64			BW1	VS4	.580	ZPUFZ	168	H	
47	26	6.38	5	BID		P1	04H	35.33			TEH	TEC	.610	RBARD	85	C	
47	26	3.88	9	BID		P1	07C	28.36			TEH	TEC	.610	RBARD	85	C	
47	26	.64	14	MVI		P3	04H	35.46		.40	04H	05H	.600	ZPAHZ	117	H	NC
47	26																VID
47	26	.97	19	MVI		P3	07C	28.33		.40	07C	BW2	.580	ZPUFZ	141	C	NC
47	26																VID
51	26	.76	120	PCT	13	P3	BW1	2.13			07H	BW1	.580	ZPUFZ	184	H	
53	26	.27	17	PCT	7	P2	BW1	2.10			TEH	TEC	.610	RBARD	86	C	
53	26	.86	52	PCT	14	P3	BW1	2.14			BW1	VS3	.580	ZPUFZ	184	H	
55	26	.70	102	PCT	12	P3	BW1	1.97			BW1	VS3	.580	ZPUFZ	184	H	
57	26	.00	0	SAI		P2	VS3	-.92		.00	VS3	VS3	.580	ZPUFZ	329	H	DQA
57	26	.81	49	SAI		P3	VS3	-.92		.30	VS3	VS3	.580	ZPUFZ	329	H	
75	26	.89	9	SAI		P2	TSH	-13.33		.40	TSH	TSH	.600	ZPAHZ	30	H	
75	26	1.56	15	SAI		P3	TSH	-13.33		.20	TSH	TSH	.600	ZPAHZ	30	H	
83	26	.45	145	PCT	12	P2	VS5	-.70			TEH	TEC	.610	RBARD	90	C	
83	26	.77	97	PCT	14	P3	VS5	-.72			VS5	VS5	.580	ZPUFZ	145	C	
2	27	.70	96	PCT	13	P3	02C	.81			02C	02C	.600	ZPAHZ	150	C	
8	27	.58	103	PCT	11	P3	BW2	-.67			07C	BW2	.580	ZPUFZ	146	C	
32	27	.47	101	PCT	14	P2	BW1	1.68			TEH	TEC	.610	RBARD	52	C	
32	27	.96	67	PCT	17	P3	BW2	1.93			BW2	VS4	.580	ZPUFZ	141	C	
32	27	1.24	50	PCT	20	P3	BW1	1.89			BW1	VS4	.580	ZPUFZ	168	H	
58	27	1.06	61	PCT	17	P3	BW1	1.87			BW1	VS3	.580	ZPUFZ	179	H	
64	27	.97	68	PCT	16	P3	BW1	-2.19			07H	VS3	.580	ZPUFZ	179	H	
66	27	.76	45	PCT	14	P3	VS5	-.89			VS5	VS5	.580	ZPUFZ	141	C	
66	27	.80	68	PCT	15	P3	VS5	.91			VS5	VS5	.580	ZPUFZ	141	C	
66	27	1.44	40	PCT	23	P3	BW1	-1.83			08H	VS3	.580	ZPUFZ	329	H	
90	27	.73	46	PCT	11	P5	BW1	-1.83			07H	VS3	.580	ZPUMZ	214	H	X45
104	27	.59	94	PCT	10	P3	08H	.83			07H	VS3	.580	ZPUMZ	248	H	X60
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
106	27	.74	34	PCT	12	P5	VS3	-.84			07H	VS3	.580	ZPUMZ	249	H	X60
1	28	1.26	89	PCT	21	P3	02C	.91			02C	02C	.600	ZPAHZ	28	C	
1	28	.88	93	PCT	22	P2	02C	.87			07C	TEC	.610	RBARD	36	C	
5	28	.95	100	PCT	17	P3	04C	.96			04C	04C	.600	ZPAHZ	150	C	
39	28	.44	128	SAI		P3	02H	-.38		.30	02H	02H	.600	ZPAHZ	126	H	
39	28	.39	55	SAI		P2	02H	-.38		.50	02H	02H	.600	ZPAHZ	126	H	
39	28	.89	95	PCT	15	P3	BW1	1.64			BW1	VS4	.580	ZPUFZ	168	H	
51	28	1.06	123	PCT	21	P2	VS4	-.81			TEH	TEC	.610	RBARD	86	C	
51	28	.85	69	PCT	14	P3	BW1	1.85			BW1	VS4	.580	ZPUFZ	168	H	
51	28	1.43	77	PCT	22	P3	VS4	-.82			BW1	VS4	.580	ZPUFZ	168	H	
57	28	1.22	57	PCT	19	P3	BW1	1.75			BW1	VS3	.580	ZPUFZ	179	H	
71	28	.75	65	PCT	13	P3	VS3	-.67			VS3	VS3	.580	ZPUFZ	329	H	DQA
73	28	.91	72	PCT	16	P3	BW1	-1.91			BW1	VS3	.580	ZPUFZ	329	H	
83	28	.31	146	PCT	10	P2	VS3	.89			TEH	TEC	.610	RBARD	89	C	
83	28	.60	51	PCT	11	P3	VS3	-.83			VS3	VS3	.580	ZPUFZ	329	H	
83	28	.64	53	PCT	11	P3	VS3	.66			VS3	VS3	.580	ZPUFZ	329	H	DQA
105	28	1.00	87	PCT	16	P5	BW1	1.63			07H	VS3	.580	ZPUMZ	248	H	X60
111	28	1.14	116	PCT	23	P2	BW1	1.81			TEH	TEC	.610	RBARD	98	C	
111	28	.46	49	PCT	12	P2	VS2	-.87			TEH	TEC	.610	RBARD	98	C	
111	28	2.16	96	PCT	28	P5	BW1	2.04			07H	VS3	.580	ZPUMZ	249	H	X60
111	28	1.13	44	PCT	17	P5	VS2	-.87			07H	VS3	.580	ZPUMZ	249	H	X60
52	29	.56	134	PCT	13	P2	BW1	1.86			TEH	TEC	.610	RBARD	86	C	
52	29	1.40	82	PCT	22	P3	BW1	1.75			BW1	VS3	.580	ZPUFZ	168	H	
52	29	.64	73	PCT	11	P3	VS3	.96			BW1	VS3	.580	ZPUFZ	168	H	
60	29	1.38	75	PCT	21	P3	BW1	2.02			BW1	VS3	.580	ZPUFZ	179	H	
78	29	.65	49	SAI		P3	02H	-.79		.70	02H	02H	.600	ZPAHZ	356	H	
78	29	.66	81	SAI		P2	02H	-.79		.90	02H	02H	.600	ZPAHZ	356	H	
96	29	.45	147	PCT	11	P2	VS2	.85			TEH	TEC	.610	RBARD	94	C	
100	29	.76	85	PCT	13	P5	BW1	-1.80			07H	VS3	.580	ZPUMZ	248	H	X60
104	29	.37	52	PCT	10	P2	BW1	1.89			TEH	TEC	.610	RBARD	94	C	
104	29	1.14	75	PCT	17	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	249	H	X60
108	29	2.63	10	BID		P1	08H	34.38			TEH	TEC	.610	RBARD	94	C	
112	29	.74	86	PCT	12	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	249	H	X60
1	30	.62	74	PCT	12	P3	04C	.07			04C	04C	.600	ZPAHZ	150	C	
1	30	.86	67	PCT	15	P3	03C	.08			03C	03C	.600	ZPAHZ	150	C	
9	30	.34	68	PCT	10	P2	BW2	.72			TEH	TEC	.610	RBARD	45	C	
9	30	.76	78	PCT	14	P3	BW2	.87			07C	BW2	.580	ZPUFZ	146	C	
17	30	.71	109	PCT	19	P2	VS4	-.88			TEH	TEC	.610	RBARD	52	C	
17	30	1.19	46	PCT	21	P3	VS4	-.92			VS4	VS4	.580	ZPUFZ	333	H	
29	30	.49	60	PCT	10	P3	VS4	.79			VS4	VS4	.580	ZPUFZ	333	H	
57	30	.91	63	PCT	15	P3	BW1	-1.95			07H	BW1	.580	ZPUFZ	179	H	DQA
59	30	.76	80	PCT	14	P3	BW2	1.96			BW2	VS5	.580	ZPUFZ	141	C	
59	30	.96	84	PCT	16	P3	BW1	1.77			BW1	VS3	.580	ZPUFZ	329	H	
65	30	.69	47	PCT	12	P3	BW1	1.88			BW1	VS3	.580	ZPUFZ	329	H	
77	30	.78	77	PCT	13	P5	BW1	1.57			07H	VS3	.580	ZPUMZ	202	H	X45
89	30	1.35	75	PCT	22	P3	VS5	-.83			VS5	VS5	.580	ZPUFZ	145	C	
89	30	.62	58	PCT	9	P5	VS3	-.96			07H	VS3	.580	ZPUMZ	213	H	X45
113	30	.84	57	PCT	13	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	249	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
16	31	.68	81	PCT	12	P3	06H	.07			06H	06H	.600	ZPAHZ	126	H	
52	31	1.04	63	PCT	18	P3	BW1	1.81			BW1	VS3	.580	ZPUFZ	333	H	
52	31	.74	76	PCT	14	P3	VS3	.75			BW1	VS3	.580	ZPUFZ	333	H	
60	31	.64	98	PCT	11	P3	07H	1.01			07H	07H	.600	ZPAHZ	117	H	
70	31	.72	63	PCT	13	P3	BW1	-1.88			BW1	VS3	.580	ZPUFZ	329	H	
72	31	.71	137	PCT	16	P2	VS3	-.83			TEH	TEC	.610	RBARD	86	C	
72	31	.82	105	PCT	18	P2	VS5	-.73			TEH	TEC	.610	RBARD	86	C	
72	31	.38	116	PCT	10	P2	VS5	1.01			TEH	TEC	.610	RBARD	86	C	
72	31	.97	79	PCT	17	P3	VS5	-.98			VS5	VS5	.580	ZPUFZ	141	C	
72	31	.64	46	PCT	12	P3	VS5	.94			VS5	VS5	.580	ZPUFZ	141	C	
72	31	.98	71	PCT	17	P3	VS3	-.74			VS3	VS3	.580	ZPUFZ	329	H	DQA
78	31	.59	54	PCT	10	P5	VS3	-.81			07H	VS3	.580	ZPUMZ	203	H	X45
78	31	.80	94	PCT	13	P5	VS3	-.05			07H	VS3	.580	ZPUMZ	203	H	X45
80	31	1.81	122	PCT	30	P2	VS5	-.87			TEH	TEC	.610	RBARD	90	C	
80	31	1.84	83	PCT	28	P3	VS5	-.79			VS5	VS5	.580	ZPUFZ	145	C	
80	31	.68	74	PCT	11	P5	VS3	-.90			07H	VS3	.580	ZPUMZ	203	H	X45
84	31	.61	140	PCT	15	P2	VS5	-.81			TEH	TEC	.610	RBARD	90	C	
84	31	1.12	51	PCT	19	P3	VS5	-.83			VS5	VS5	.580	ZPUFZ	145	C	
92	31	.67	71	PCT	16	P2	BW1	1.78			TEH	TEC	.610	RBARD	90	C	
92	31	1.76	68	PCT	25	P3	BW1	1.73			07H	VS3	.580	ZPUMZ	209	H	X60
92	31																X45
94	31	.80	61	PCT	12	P3	BW1	1.64			07H	VS3	.580	ZPUMZ	210	H	X45
96	31	.63	75	PCT	11	P3	BW1	1.69			07H	VS3	.580	ZPUMZ	213	H	X45
100	31	.89	76	PCT	15	P5	VS3	.89			07H	VS3	.580	ZPUMZ	248	H	X60
106	31	.72	67	PCT	12	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	248	H	X60
108	31	.69	85	PCT	11	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	249	H	X60
110	31	.46	112	PCT	14	P2	BW1	1.70			TEH	TEC	.610	RBARD	93	C	
110	31	.66	70	PCT	11	P5	BW1	-1.66			07H	VS3	.580	ZPUMZ	248	H	X60
110	31	1.59	77	PCT	24	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	248	H	X60
114	31	1.03	76	PCT	16	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	248	H	X60
116	31	1.04	84	PCT	18	P3	09C	.96			09C	09C	.600	ZPAHZ	28	C	
116	31	1.15	77	PCT	20	P3	BW2	-1.79			BW2	VS5	.580	ZPUFZ	145	C	
116	31	1.97	76	PCT	29	P3	BW2	2.19			BW2	VS5	.580	ZPUFZ	145	C	
116	31	.64	53	PCT	16	P2	09H	1.00			TEC	TEH	.610	RBARD	152	H	
116	31	.70	99	PCT	17	P2	BW2	2.19			TEC	TEH	.610	RBARD	152	H	
116	31	.63	64	PCT	10	P3	09H	-1.34			07H	VS3	.580	ZPUMZ	249	H	X60
116	31	1.03	102	PCT	15	P3	09H	.98			07H	VS3	.580	ZPUMZ	249	H	X60
37	32	5.66	7	BID		P1	TSC	2.59			TEH	TEC	.610	RBARD	52	C	
37	32	4.72	8	BID		P1	TSC	8.16			TEH	TEC	.610	RBARD	52	C	
61	32	.99	57	PCT	16	P3	BW1	-2.23			BW1	VS3	.580	ZPUFZ	179	H	
63	32	.71	88	PCT	13	P3	VS3	-.70			VS3	VS3	.580	ZPUFZ	329	H	DQA
65	32	1.39	92	PCT	21	P3	08H	-1.16			08H	VS3	.580	ZPUFZ	179	H	
65	32	.74	51	PCT	13	P3	BW1	-1.80			08H	VS3	.580	ZPUFZ	179	H	
65	32	.76	66	PCT	13	P3	VS3	-.90			08H	VS3	.580	ZPUFZ	179	H	
65	32	.75	74	PCT	13	P3	VS3	.84			08H	VS3	.580	ZPUFZ	179	H	
67	32	.46	151	PCT	13	P2	BW1	1.80			TEH	TEC	.610	RBARD	85	C	
67	32	1.37	87	PCT	21	P3	BW1	1.73			08H	VS3	.580	ZPUFZ	179	H	
81	32	.40	38	PCT	11	P2	08H	.93			TEH	TEC	.610	RBARD	90	C	
81	32	.40	25	PCT	11	P2	VS3	1.22			TEH	TEC	.610	RBARD	90	C	
81	32	.77	74	PCT	13	P5	VS3	.99			07H	VS3	.580	ZPUMZ	202	H	X45
99	32	.63	107	MAI		P5	VS2	.14		.40	07H	VS3	.580	ZPUMZ	210	H	X45
99	32	.50	98	MAI		P5	VS3	-.83		.30	07H	VS3	.580	ZPUMZ	210	H	X45
99	32	.29	19	MAI		P2	VS2	.14		.30	VS2	VS2	.580	ZPUFZ	325	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
99	32	.00	0	MAI		P2	VS3	-.83		.00	VS3	VS3	.580	ZPUFZ	325	H	
101	32	.68	67	PCT	11	P5	BW1	1.73			07H	VS3	.580	ZPUMZ	248	H	X60
109	32	.66	37	PCT	18	P2	08H	.98			TEH	TEC	.610	RBARD	93	C	
109	32	.58	80	PCT	10	P3	08H	.82			07H	VS3	.580	ZPUMZ	248	H	X60
113	32	.75	69	PCT	14	P3	VS5	-.10			BW2	VS5	.580	ZPUFZ	145	C	
113	32	.70	66	PCT	13	P3	VS6	.91			BW2	VS5	.580	ZPUFZ	145	C	
113	32	1.26	85	PCT	21	P3	BW2	1.66			BW2	VS5	.580	ZPUFZ	145	C	
113	32	.47	118	PCT	12	P2	VS2	-.90			TEC	TEH	.610	RBARD	153	H	
113	32	.65	101	PCT	11	P5	BW1	-1.73			07H	VS3	.580	ZPUMZ	248	H	X60
113	32	.65	100	PCT	11	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	248	H	X60
113	32	.69	96	PCT	12	P5	VS2	-.76			07H	VS3	.580	ZPUMZ	248	H	X60
113	32	.74	78	PCT	12	P5	VS2	.96			07H	VS3	.580	ZPUMZ	248	H	X60
117	32	.99	110	PCT	22	P2	09H	.54			TEC	TEH	.610	RBARD	166	H	
117	32	.32	85	PCT	9	P2	BW1	-1.83			TEC	TEH	.610	RBARD	166	H	
117	32	1.16	81	PCT	17	P3	09H	-1.62			07H	VS3	.580	ZPUMZ	249	H	X60
117	32	.65	87	PCT	10	P3	09H	.72			07H	VS3	.580	ZPUMZ	249	H	X60
117	32	.75	90	PCT	12	P5	BW1	-1.83			07H	VS3	.580	ZPUMZ	249	H	X60
117	32	.80	74	PCT	13	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	249	H	X60
2	33	.95	57	PCT	17	P3	03C	.79			03C	03C	.600	ZPAHZ	28	C	
2	33	.98	76	PCT	17	P3	02C	-.17			02C	02C	.600	ZPAHZ	28	C	
2	33	.61	117	PCT	17	P2	03C	.91			07C	TEC	.610	RBARD	36	C	
2	33	.49	74	PCT	14	P2	02C	-.16			07C	TEC	.610	RBARD	36	C	
12	33	.71	65	PCT	13	P3	BW2	1.55			07C	07H	.580	ZPUFZ	35	C	
18	33	.78	78	PCT	14	P3	BW2	1.94			07C	07H	.580	ZPUFZ	35	C	
18	33	.79	92	PCT	14	P3	06C	.11			06C	06C	.600	ZPAHZ	150	C	
20	33	1.03	48	SAI		P3	VS4	-.91		.30	VS4	VS4	.580	ZPUFZ	333	H	
20	33	.00	0	SAI		P2	VS4	-.91		.00	VS4	VS4	.580	ZPUFZ	333	H	
32	33	1.61	74	PCT	24	P3	BW1	1.91			BW1	VS4	.580	ZPUFZ	169	H	
60	33	.91	60	PCT	14	P3	07H	.74			07H	07H	.600	ZPAHZ	355	H	
62	33	.69	78	PCT	11	P3	07H	1.11			07H	07H	.600	ZPAHZ	355	H	
64	33	.83	73	PCT	13	P3	07H	.75			07H	07H	.600	ZPAHZ	355	H	
68	33	.67	133	PCT	15	P2	08H	.96			TEH	TEC	.610	RBARD	86	C	
68	33	.72	62	PCT	12	P3	08H	.85			08H	VS3	.580	ZPUFZ	178	H	
68	33	.51	57	PCT	9	P3	BW1	1.82			08H	VS3	.580	ZPUFZ	178	H	
68	33	.92	79	PCT	15	P3	VS3	-.61			08H	VS3	.580	ZPUFZ	178	H	DQA
78	33	.74	50	PCT	12	P5	VS3	-.59			07H	VS3	.580	ZPUMZ	203	H	X45
88	33	1.23	58	PCT	27	P2	VS5	.75			TEH	TEC	.610	RBARD	89	C	
88	33	1.83	78	PCT	28	P3	VS5	.69			VS5	VS5	.580	ZPUFZ	145	C	
90	33	.79	51	MAI		P2	VS6	-.96		.41	VS6	VS6	.580	ZPUFZ	145	C	
90	33	.81	91	MAI		P3	VS6	-.96		.30	VS6	VS6	.580	ZPUFZ	145	C	
90	33	.98	77	MAI		P3	VS6	.29		.40	VS6	VS6	.580	ZPUFZ	145	C	
90	33	.75	120	MAI		P2	VS6	.29		.60	VS6	VS6	.580	ZPUFZ	145	C	
90	33	.70	106	PCT	11	P5	BW1	1.72			07H	VS3	.580	ZPUMZ	210	H	X45
90	33	.78	108	SAI		P5	VS2	.76		.40	07H	VS3	.580	ZPUMZ	210	H	X45
90	33	.30	38	SAI		P2	VS2	.76		.50	VS2	VS2	.580	ZPUFZ	325	H	DQA
90	33	.30	37	MAI		P2	02H	-.50		.30	02H	02H	.600	ZPAHZ	355	H	
90	33	.51	76	MAI		P3	02H	-.50		.20	02H	02H	.600	ZPAHZ	355	H	
90	33	.32	76	MAI		P2	02H	-.17		.40	02H	02H	.600	ZPAHZ	355	H	
90	33	.55	93	MAI		P3	02H	-.17		.20	02H	02H	.600	ZPAHZ	355	H	
98	33	.39	109	SAI		P5	VS2	-.93		.40	07H	VS3	.580	ZPUMZ	210	H	X45
98	33	.64	17	SAI		P2	VS2	-.93		.30	VS2	VS2	.580	ZPUFZ	325	H	
100	33	1.21	70	PCT	19	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	248	H	X60
112	33	1.00	57	PCT	16	P5	BW1	-1.77			07H	VS3	.580	ZPUMZ	248	H	X60
114	33	.40	103	PCT	11	P2	08H	.81			TEC	TEH	.610	RBARD	152	H	
114	33	.50	81	PCT	8	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	249	H	X60
116	33	1.05	84	PCT	17	P5	BW1	-1.78			07H	VS3	.580	ZPUMZ	248	H	X60
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
116	33	.66	64	PCT	11	P5	BW1	1.58			07H	VS3	.580	ZPUMZ	248	H	X60
118	33	.78	53	PCT	12	P3	07H	.91			07H	VS3	.580	ZPUMZ	249	H	X60
118	33	.72	58	PCT	11	P3	08H	.86			07H	VS3	.580	ZPUMZ	249	H	X60
17	34	.63	52	PCT	17	P2	VS4	-.95			TEH	TEC	.610	RBARD	52	C	
17	34	.74	67	PCT	14	P3	VS4	-.83			VS4	VS4	.580	ZPUFZ	333	H	
53	34	.59	83	PCT	14	P2	07H	.92			TEH	TEC	.610	RBARD	86	C	
53	34	.44	97	PCT	8	P3	07H	.98			07H	07H	.600	ZPAHZ	117	H	
69	34	.74	54	PCT	13	P3	08H	.87			08H	08H	.600	ZPAHZ	117	H	
77	34	.52	130	PCT	8	P5	VS3	-.86			07H	VS3	.580	ZPUMZ	202	H	X45
79	34	.85	66	PCT	14	P5	VS3	.94			07H	VS3	.580	ZPUMZ	202	H	X45
81	34	.77	62	PCT	13	P5	VS3	.74			07H	VS3	.580	ZPUMZ	202	H	X45
83	34	.94	91	PCT	16	P3	VS5	-.89			VS5	VS5	.580	ZPUFZ	140	C	
83	34	.86	70	PCT	14	P5	VS3	-.85			07H	VS3	.580	ZPUMZ	202	H	X45
83	34	.68	60	PCT	11	P5	VS3	-.12			07H	VS3	.580	ZPUMZ	202	H	X45
99	34	.53	25	PCT	13	P2	BW1	1.88			TEH	TEC	.610	RBARD	94	C	
99	34	1.21	49	PCT	17	P3	BW1	1.74			07H	VS3	.580	ZPUMZ	210	H	X45
101	34	1.05	42	PCT	17	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	248	H	X60
103	34	.49	153	PCT	12	P2	VS2	.94			TEH	TEC	.610	RBARD	94	C	
103	34	.61	56	PCT	10	P5	VS2	.90			07H	VS3	.580	ZPUMZ	249	H	X60
111	34	.51	62	PCT	14	P2	VS3	-.72			TEH	TEC	.610	RBARD	97	C	
111	34	.99	79	PCT	17	P3	VS5	-.64			VS5	VS5	.580	ZPUFZ	139	C	
111	34	.49	73	PCT	8	P5	VS2	-.84			07H	VS3	.580	ZPUMZ	249	H	X60
111	34	.83	69	PCT	13	P5	VS3	-.80			07H	VS3	.580	ZPUMZ	249	H	X60
115	34	.72	76	PCT	12	P5	07H	-1.79			07H	VS3	.580	ZPUMZ	249	H	X60
119	34	.84	83	PCT	13	P3	09H	.61			07H	VS3	.580	ZPUMZ	249	H	X60
119	34	.78	75	PCT	12	P5	BW1	-1.69			07H	VS3	.580	ZPUMZ	249	H	X60
119	34	.79	63	PCT	13	P5	BW1	1.65			07H	VS3	.580	ZPUMZ	249	H	X60
2	35	.65	65	PCT	12	P3	04C	-.98			04C	04C	.600	ZPAHZ	150	C	
22	35	.39	91	SCI		P2	TSH	-8.44		.40	TSH	TSH	.600	ZPAHZ	7	H	
22	35	.35	63	SCI		P4	TSH	-8.44		.40	TSH	TSH	.600	ZPAHZ	7	H	
52	35	.70	110	PCT	12	P3	07H	.90			07H	07H	.600	ZPAHZ	117	H	
56	35	.70	69	PCT	11	P3	07H	.98			07H	07H	.600	ZPAHZ	355	H	
66	35	1.20	63	PCT	19	P3	08H	-1.17			08H	VS3	.580	ZPUFZ	178	H	
66	35	.72	53	PCT	12	P3	08H	1.30			08H	VS3	.580	ZPUFZ	178	H	
76	35	.96	82	PCT	21	P2	VS5	.85			TEH	TEC	.610	RBARD	90	C	
76	35	1.21	78	PCT	20	P3	VS5	.89			VS5	VS5	.580	ZPUFZ	140	C	
76	35	.99	31	PCT	15	P5	VS3	-.56			07H	VS3	.580	ZPUMZ	203	H	X45
78	35	.67	94	PCT	12	P3	VS5	-.71			VS5	VS5	.580	ZPUFZ	140	C	
78	35	1.10	95	PCT	18	P3	VS5	.81			VS5	VS5	.580	ZPUFZ	140	C	
78	35	.89	100	PCT	14	P5	VS3	-.87			07H	VS3	.580	ZPUMZ	203	H	X45
96	35	.63	70	PCT	10	P3	BW1	1.95			07H	VS3	.580	ZPUMZ	209	H	X60
96	35																X45
102	35	.64	71	PCT	10	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	249	H	X60
112	35	.60	78	PCT	10	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	248	H	X60
122	35	.69	56	PCT	13	P3	BW2	-1.86			BW2	VS5	.580	ZPUFZ	139	C	
122	35	.63	82	PCT	12	P3	BW2	2.04			BW2	VS5	.580	ZPUFZ	139	C	
122	35	1.16	89	PCT	17	P3	09H	.77			07H	VS2	.580	ZPUMZ	249	H	X60
122	35	1.12	72	PCT	17	P3	09H	.80			06H	VS3	.580	ZPUMZ	312	H	X60
1	36	.71	82	PCT	13	P3	03C	.98			03C	03C	.600	ZPAHZ	150	C	
1	36	1.25	90	PCT	21	P3	02C	.92			02C	02C	.600	ZPAHZ	150	C	

SG - 11 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
17	36	.46	74	PCT	13	P2	VS4	.87			TEH	TEC	.610	RBARD	52	C	
17	36	.72	49	PCT	14	P3	VS4	.87			VS4	VS4	.580	ZPUFZ	333	H	
35	36	.41	134	PCT	12	P2	VS4	-.79			TEH	TEC	.610	RBARD	51	C	
35	36	.49	110	PCT	10	P3	VS4	-.74			VS4	VS4	.580	ZPUFZ	333	H	
39	36	.80	72	PCT	14	P3	BW1	1.84			BW1	VS4	.580	ZPUFZ	169	H	
51	36	.00	0	SAI		P2	VS4	.61		.00	VS4	VS4	.580	ZPUFZ	333	H	
51	36	.61	72	SAI		P3	VS4	.61		.30	VS4	VS4	.580	ZPUFZ	333	H	
65	36	.30	8	SVI		P3	TSH	2.05		.37	TSH	TSH	.600	ZPAHZ	28	H	NC
65	36																VID
77	36	.82	88	PCT	13	P5	VS3	-.08			07H	VS3	.580	ZPUMZ	202	H	X45
81	36	.51	72	PCT	13	P2	VS3	1.08			TEH	TEC	.610	RBARD	90	C	
81	36	1.01	97	PCT	21	P2	VS5	1.17			TEH	TEC	.610	RBARD	90	C	
81	36	1.29	68	PCT	21	P3	VS5	-1.13			VS5	VS5	.580	ZPUFZ	140	C	
81	36	2.00	62	PCT	29	P3	VS5	1.04			VS5	VS5	.580	ZPUFZ	140	C	
81	36	.54	89	PCT	9	P5	VS3	1.07			07H	VS3	.580	ZPUMZ	202	H	X45
97	36	.60	139	PCT	14	P2	VS2	.87			TEH	TEC	.610	RBARD	94	C	
99	36	1.12	85	PCT	16	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	210	H	X45
109	36	.42	143	PCT	13	P2	BW1	1.96			TEH	TEC	.610	RBARD	93	C	
109	36	1.15	56	PCT	17	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	248	H	X60
111	36	.89	107	PCT	21	P2	VS2	-.74			TEH	TEC	.610	RBARD	97	C	
111	36	.96	89	PCT	23	P2	VS3	1.00			TEH	TEC	.610	RBARD	97	C	
111	36	1.12	73	PCT	19	P3	VS5	-.53			VS5	VS5	.580	ZPUFZ	139	C	
111	36	1.03	61	PCT	16	P5	VS2	-.74			07H	VS3	.580	ZPUMZ	249	H	X60
111	36	1.70	74	PCT	24	P5	VS3	1.00			07H	VS3	.580	ZPUMZ	249	H	X60
113	36	.26	40	PCT	8	P2	BW1	1.90			TEC	TEH	.610	RBARD	153	H	
113	36	1.12	79	PCT	18	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	248	H	X60
115	36	.62	66	PCT	10	P5	BW1	2.25			07H	VS3	.580	ZPUMZ	249	H	X60
121	36	.94	39	PCT	15	P5	09H	-1.06			07H	VS3	.580	ZPUMZ	248	H	X60
123	36	.54	82	PCT	8	P3	09H	-.82			07H	VS3	.580	ZPUMZ	249	H	X60
10	37	.82	44	PCT	15	P3	BW2	1.14			07C	BW2	.580	ZPUFZ	146	C	
22	37	2.47	45	SCI		P2	TSH	-15.50		.40	TSH	TSH	.600	ZPAHZ	7	H	
22	37	2.17	39	SCI		P4	TSH	-15.50		.30	TSH	TSH	.600	ZPAHZ	7	H	
52	37	1.13	64	PCT	18	P3	BW1	2.00			BW1	VS3	.580	ZPUFZ	168	H	
52	37	.68	50	PCT	12	P3	VS3	-.12			BW1	VS3	.580	ZPUFZ	168	H	
66	37	.63	63	PCT	17	P2	08H	-.84			TEH	TEC	.610	RBARD	83	C	
66	37	.87	98	PCT	15	P3	08H	-1.09			08H	VS3	.580	ZPUFZ	168	H	
66	37	.95	73	PCT	16	P3	08H	-.59			08H	VS3	.580	ZPUFZ	168	H	
68	37	1.12	54	PCT	18	P3	08H	.80			08H	VS3	.580	ZPUFZ	168	H	
70	37	.00	0	MAI		P2	02H	.15		.00	02H	02H	.600	ZPAHZ	355	H	
70	37	.25	52	MAI		P3	02H	.15		.20	02H	02H	.600	ZPAHZ	355	H	
70	37	.67	74	MAI		P3	02H	.45		.30	02H	02H	.600	ZPAHZ	355	H	
70	37	.29	45	MAI		P2	02H	.45		.40	02H	02H	.600	ZPAHZ	355	H	
70	37	.25	54	MAI		P3	02H	.76		.20	02H	02H	.600	ZPAHZ	355	H	
70	37	.00	0	MAI		P2	02H	.76		.00	02H	02H	.600	ZPAHZ	355	H	
76	37	.88	61	PCT	15	P3	VS5	-.64			VS5	VS5	.580	ZPUFZ	140	C	
76	37	.83	68	PCT	13	P5	VS3	-.69			07H	VS3	.580	ZPUMZ	203	H	X45
76	37	.60	82	PCT	10	P5	VS3	.62			07H	VS3	.580	ZPUMZ	203	H	X45
78	37	.94	74	PCT	16	P3	VS5	-.87			VS5	VS5	.580	ZPUFZ	140	C	
78	37	.74	55	PCT	12	P3	08H	-.02			07H	VS3	.580	ZPUMZ	203	H	X45
78	37	.67	79	PCT	11	P5	VS3	-.58			07H	VS3	.580	ZPUMZ	203	H	X45
82	37	2.80	111	PCT	41	P2	VS3	-.75			TEH	TEC	.610	RBARD	89	C	
82	37	.61	80	PCT	11	P3	VS5	-.87			BW2	VS5	.580	ZPUFZ	140	C	
82	37	1.22	73	PCT	20	P3	VS5	.63			BW2	VS5	.580	ZPUFZ	140	C	
82	37	1.45	76	PCT	23	P3	BW2	2.15			BW2	VS5	.580	ZPUFZ	140	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
82	37	2.73	82	PCT	33	P5	VS3	-.64			07H	VS3	.580	ZPUMZ	203	H	X45
84	37	.59	72	PCT	11	P3	VS5	-.88			VS5	VS5	.580	ZPUFZ	140	C	
84	37	.80	72	PCT	13	P5	BW1	1.63			07H	VS3	.580	ZPUMZ	203	H	X45
84	37	.69	67	PCT	11	P5	VS3	-.94			07H	VS3	.580	ZPUMZ	203	H	X45
96	37	.45	48	MAI		P3	02H	.14		.30	02H	02H	.600	ZPAHZ	355	H	
96	37	.21	75	MAI		P2	02H	.14		.30	02H	02H	.600	ZPAHZ	355	H	
96	37	.62	63	MAI		P3	02H	.42		.30	02H	02H	.600	ZPAHZ	355	H	
96	37	.45	87	MAI		P2	02H	.42		.50	02H	02H	.600	ZPAHZ	355	H	
110	37	.30	80	PCT	10	P2	VS2	.97			TEH	TEC	.610	RBARD	93	C	
118	37	.63	92	PCT	11	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	248	H	X60
122	37	.63	75	PCT	11	P3	09H	.77			07H	VS3	.580	ZPUMZ	248	H	X60
124	37	.26	22	SCI		P4	TSH	-.26		.20	TSH	TSH	.600	ZPAHZ	64	H	
124	37	.00	0	SCI		P2	TSH	-.26		.00	TSH	TSH	.600	ZPAHZ	64	H	
124	37	1.66	75	PCT	23	P3	09H	.66			07H	VS3	.580	ZPUMZ	249	H	X60
124	37	.74	119	PCT	12	P5	VS3	-1.07			07H	VS3	.580	ZPUMZ	249	H	X60
124	37	.79	58	PCT	13	P5	VS3	.99			07H	VS3	.580	ZPUMZ	249	H	X60
71	38	.54	48	PCT	15	P2	BW1	1.76			TEH	TEC	.610	RBARD	83	C	
71	38	.94	110	PCT	22	P2	VS3	-.95			TEH	TEC	.610	RBARD	83	C	
71	38	.47	90	PCT	13	P2	VS5	.95			TEH	TEC	.610	RBARD	83	C	
71	38	.76	74	PCT	14	P3	VS5	1.12			VS5	VS5	.580	ZPUFZ	140	C	
71	38	1.21	68	PCT	19	P3	BW1	1.85			08H	VS3	.580	ZPUFZ	168	H	
71	38	1.19	79	PCT	19	P3	VS3	-.95			08H	VS3	.580	ZPUFZ	168	H	
83	38	.45	74	PCT	13	P2	VS5	-.94			TEH	TEC	.610	RBARD	89	C	
83	38	.85	79	PCT	15	P3	VS5	-.92			VS5	VS5	.580	ZPUFZ	140	C	
83	38	.84	80	PCT	14	P5	VS3	-.78			07H	VS3	.580	ZPUMZ	202	H	X45
91	38	1.74	95	PCT	33	P2	VS2	.81			TEH	TEC	.610	RBARD	89	C	
91	38	.83	61	SAI		P5	VS2	.77		.30	07H	VS3	.580	ZPUMZ	210	H	X45
91	38	.91	126	SAI		P2	VS2	.77		1.00	VS2	VS2	.580	ZPUFZ	325	H	DQA
109	38	1.52	144	PCT	30	P2	VS2	-.92			TEH	TEC	.610	RBARD	93	C	
109	38	.89	65	PCT	22	P2	VS2	.99			TEH	TEC	.610	RBARD	93	C	
109	38	1.84	127	PCT	34	P2	VS5	-.34			TEH	TEC	.610	RBARD	93	C	
109	38	2.77	77	PCT	36	P3	VS5	-.68			VS5	VS5	.580	ZPUFZ	139	C	
109	38	.62	76	PCT	11	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	246	H	X60
109	38	1.51	70	PCT	23	P5	VS2	-.88			07H	VS3	.580	ZPUMZ	246	H	X60
109	38	1.31	77	PCT	21	P5	VS2	.83			07H	VS3	.580	ZPUMZ	246	H	X60
111	38	1.33	84	PCT	22	P3	VS5	-.54			VS5	VS5	.580	ZPUFZ	139	C	
111	38	.88	71	PCT	15	P5	VS2	-.23			07H	VS3	.580	ZPUMZ	247	H	X60
117	38	.39	78	PCT	11	P2	09H	1.66			TEC	TEH	.610	RBARD	153	H	
117	38	.22	23	PCT	6	P2	BW1	1.84			TEC	TEH	.610	RBARD	153	H	
117	38	.46	110	PCT	9	P3	09H	1.48			07H	VS3	.580	ZPUMZ	246	H	X60
117	38	.70	80	PCT	13	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	246	H	X60
16	39	.37	71	SVI		P3	06C	4.70		.20	06C	07C	.600	ZPAHZ	27	C	NC
16	39																PIT
38	39	.70	77	PCT	12	P3	BW1	2.03			BW1	VS4	.580	ZPUFZ	169	H	
52	39	.44	82	SAI		P3	TSH	-.35		.27	TSH	TSH	.600	ZPAHZ	24	H	
52	39	.19	50	SAI		P2	TSH	-.35		.24	TSH	TSH	.600	ZPAHZ	24	H	
60	39	.57	57	PCT	10	P3	06H	.90			06H	06H	.600	ZPAHZ	117	H	
60	39	.79	53	PCT	12	P3	07H	.75			07H	07H	.600	ZPAHZ	355	H	
66	39	.71	81	PCT	12	P3	08H	-1.46			08H	VS3	.580	ZPUFZ	168	H	
66	39	.70	80	PCT	11	P3	07H	.92			07H	07H	.600	ZPAHZ	355	H	
68	39	.93	105	PCT	19	P2	VS5	-.69			TEH	TEC	.610	RBARD	84	C	
68	39	.90	103	PCT	19	P2	VS5	.94			TEH	TEC	.610	RBARD	84	C	
68	39	1.62	63	PCT	26	P3	VS5	-.80			VS5	VS5	.580	ZPUFZ	141	C	
68	39	1.16	75	PCT	20	P3	VS5	.99			VS5	VS5	.580	ZPUFZ	141	C	
70	39	.57	67	PCT	16	P2	08H	.89			TEH	TEC	.610	RBARD	83	C	
70	39	.88	63	PCT	15	P3	08H	.86			06H	08H	.600	ZPAHZ	117	H	
70	39	1.16	59	PCT	19	P3	VS5	-.91			VS5	VS5	.580	ZPUFZ	140	C	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
80	39	.81	81	PCT	13	P5	VS3	-.03			07H	VS3	.580	ZPUMZ	203	H	X45
82	39	.60	95	PCT	10	P5	VS3	-.83			07H	VS3	.580	ZPUMZ	203	H	X45
110	39	.45	89	PCT	8	P5	BW1	-2.02			07H	VS3	.580	ZPUMZ	249	H	X60
112	39	.25	147	PCT	7	P2	BW1	2.15			TEH	TEC	.610	RBARD	98	C	
112	39	.76	73	PCT	13	P5	BW1	-1.91			07H	VS3	.580	ZPUMZ	248	H	X60
112	39	.76	85	PCT	13	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	248	H	X60
114	39	.82	83	PCT	15	P3	VS5	.86			VS5	VS5	.580	ZPUFZ	139	C	
114	39	1.39	86	PCT	22	P3	VS6	-1.06			VS6	VS6	.580	ZPUFZ	139	C	
114	39	.63	114	PCT	15	P2	VS2	.84			TEC	TEH	.610	RBARD	152	H	
114	39	.81	130	PCT	19	P2	VS3	-.76			TEC	TEH	.610	RBARD	152	H	
114	39	.70	107	PCT	17	P2	VS6	-.76			TEC	TEH	.610	RBARD	152	H	
114	39	.73	71	PCT	12	P5	BW1	-1.93			07H	VS3	.580	ZPUMZ	249	H	X60
114	39	.57	84	PCT	9	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	249	H	X60
114	39	.85	63	PCT	13	P5	VS2	.84			07H	VS3	.580	ZPUMZ	249	H	X60
114	39	1.33	68	PCT	20	P5	VS3	-.76			07H	VS3	.580	ZPUMZ	249	H	X60
116	39	1.00	76	PCT	16	P3	09H	.68			07H	VS3	.580	ZPUMZ	248	H	X60
116	39	.64	52	PCT	11	P3	09H	1.63			07H	VS3	.580	ZPUMZ	248	H	X60
17	40	.65	79	PCT	17	P2	VS4	-.87			TEH	TEC	.610	RBARD	52	C	
17	40	.73	61	PCT	14	P3	VS4	-.84			VS4	VS4	.580	ZPUFZ	333	H	
49	40	5.68	9	MVI		P3	TSH	-11.48		.30	TSH	TSH	.600	ZPAHZ	25	H	NC
49	40																VID
49	40	8.68	10	MVI		P3	TSH	-7.23		.40	TSH	TSH	.600	ZPAHZ	25	H	NC
49	40																VID
59	40	10.34	9	BID		P1	01H	8.03			TEH	TEC	.610	RBARD	83	C	
73	40	.78	53	PCT	13	P3	08H	.97			08H	08H	.600	ZPAHZ	117	H	
77	40	.72	55	PCT	13	P3	VS5	.87			VS5	VS5	.580	ZPUFZ	140	C	
77	40	.60	96	PCT	10	P5	VS3	-.16			07H	VS3	.580	ZPUMZ	202	H	X45
77	40	.89	82	PCT	14	P5	VS3	.84			07H	VS3	.580	ZPUMZ	202	H	X45
79	40	.35	135	PCT	11	P2	VS3	-.69			TEH	TEC	.610	RBARD	89	C	
79	40	.40	133	PCT	12	P2	VS3	.86			TEH	TEC	.610	RBARD	89	C	
79	40	.60	141	PCT	17	P2	VS5	.81			TEH	TEC	.610	RBARD	89	C	
79	40	.89	75	PCT	16	P3	VS5	.87			VS5	VS5	.580	ZPUFZ	140	C	
79	40	.78	95	PCT	13	P5	VS3	-.74			07H	VS3	.580	ZPUMZ	202	H	X45
79	40	.68	70	PCT	11	P5	VS3	.90			07H	VS3	.580	ZPUMZ	202	H	X45
89	40	.74	100	PCT	12	P5	VS2	.99			07H	VS3	.580	ZPUMZ	206	H	X45
109	40	.80	77	PCT	13	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	246	H	X60
111	40	1.30	90	PCT	21	P3	VS6	.01			VS6	VS6	.580	ZPUFZ	139	C	
111	40	.89	102	PCT	15	P5	VS2	-.75			07H	VS3	.580	ZPUMZ	247	H	X60
111	40	.56	63	PCT	10	P5	VS3	-.87			07H	VS3	.580	ZPUMZ	247	H	X60
113	40	2.30	61	PCT	32	P3	VS5	.76			VS5	VS5	.580	ZPUFZ	139	C	
113	40	.26	152	PCT	7	P2	BW1	1.81			TEC	TEH	.610	RBARD	153	H	
113	40	1.65	114	PCT	30	P2	VS5	.90			TEC	TEH	.610	RBARD	153	H	
113	40	1.06	77	PCT	17	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	246	H	X60
115	40	.45	88	PCT	12	P2	BW1	-1.79			TEC	TEH	.610	RBARD	153	H	
115	40	.58	138	PCT	15	P2	BW1	1.99			TEC	TEH	.610	RBARD	153	H	
115	40	1.27	52	PCT	20	P5	BW1	-1.53			07H	VS3	.580	ZPUMZ	247	H	X60
115	40	1.44	51	PCT	22	P5	BW1	-.88			07H	VS3	.580	ZPUMZ	247	H	X60
115	40	1.46	80	PCT	22	P5	BW1	2.15			07H	VS3	.580	ZPUMZ	247	H	X60
117	40	.44	98	PCT	12	P2	09H	1.61			TEC	TEH	.610	RBARD	153	H	
117	40	.72	75	PCT	12	P3	09H	1.61			07H	VS3	.580	ZPUMZ	246	H	X60
117	40	.69	60	PCT	12	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	246	H	X60
123	40	.85	47	PCT	13	P3	09H	.74			07H	VS3	.580	ZPUMZ	247	H	X60
123	40	.74	51	PCT	11	P3	BW1	-1.93			07H	VS3	.580	ZPUMZ	247	H	X60
127	40	.80	51	MAI		P3	07H	-.70		.30	07H	VS3	.580	ZPUMZ	288	H	X75
127	40	.62	50	MAI		P3	07H	.38		.20	07H	VS3	.580	ZPUMZ	288	H	X75
127	40	.52	53	MAI		P2	07H	-.70		.40	07H	07H	.600	ZPAHZ	331	H	
127	40	.68	51	MAI		P2	07H	.38		.30	07H	07H	.600	ZPAHZ	331	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
18	41	.65	81	SAI		P3	TSH	-.23		.20	TSH	TSH	.600	ZPAHZ	7	H	
18	41	.27	11	SAI		P2	TSH	-.23		.20	TSH	TSH	.600	ZPAHZ	7	H	
18	41	.31	48	SCI		P4	TSH	-.20		.20	TSH	TSH	.600	ZPAHZ	7	H	
18	41	.42	39	SCI		P2	TSH	-.20		.20	TSH	TSH	.600	ZPAHZ	7	H	
38	41	1.00	57	SVI		P3	07C	3.01		.20	07C	BW2	.580	ZPUFZ	141	C	NC
38	41																PIT
66	41	1.71	125	PCT	32	P2	VS5	-.77			TEH	TEC	.610	RBARD	83	C	
66	41	.85	89	PCT	21	P2	VS5	1.01			TEH	TEC	.610	RBARD	83	C	
66	41	2.25	74	PCT	32	P3	VS5	-.83			VS5	VS5	.580	ZPUFZ	141	C	
66	41	1.23	81	PCT	21	P3	VS5	.82			VS5	VS5	.580	ZPUFZ	141	C	
70	41	.94	123	PCT	22	P2	VS5	-.81			TEH	TEC	.610	RBARD	83	C	
70	41	1.10	108	PCT	25	P2	VS5	.93			TEH	TEC	.610	RBARD	83	C	
70	41	1.60	83	PCT	25	P3	VS5	-1.05			VS5	VS5	.580	ZPUFZ	140	C	
70	41	1.69	75	PCT	26	P3	VS5	.88			VS5	VS5	.580	ZPUFZ	140	C	
70	41	1.21	79	PCT	20	P3	VS3	-.48			VS3	VS3	.580	ZPUFZ	329	H	DQA
82	41	.68	74	PCT	11	P5	VS3	-.64			07H	VS3	.580	ZPUMZ	203	H	X45
88	41	.84	89	PCT	13	P5	VS2	-1.01			07H	VS3	.580	ZPUMZ	206	H	X45
104	41	.42	150	PCT	12	P2	BW1	1.80			TEH	TEC	.610	RBARD	95	C	
104	41	.69	60	PCT	11	P5	BW2	1.81			07C	VS5	.580	ZPUMZ	133	C	X60
104	41	1.52	77	PCT	23	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	247	H	X60
106	41	.98	51	PCT	16	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	246	H	X60
108	41	1.01	47	PCT	16	P5	BW2	1.81			07C	VS5	.580	ZPUMZ	133	C	X60
108	41	.68	93	PCT	12	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	247	H	X60
108	41	.00	0	MAI		P2	02H	.44		.00	02H	02H	.600	ZPAHZ	355	H	
108	41	.60	43	MAI		P3	02H	.44		.20	02H	02H	.600	ZPAHZ	355	H	
108	41	.00	0	MAI		P2	02H	.64		.00	02H	02H	.600	ZPAHZ	355	H	
108	41	.41	32	MAI		P3	02H	.64		.30	02H	02H	.600	ZPAHZ	355	H	
110	41	.23	28	PCT	7	P2	BW1	1.89			TEH	TEC	.610	RBARD	95	C	
110	41	1.00	63	PCT	16	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	246	H	X60
112	41	.87	114	PCT	19	P2	VS2	1.13			TEH	TEC	.610	RBARD	98	C	
112	41	.99	57	PCT	16	P5	BW2	-1.80			07C	VS5	.580	ZPUMZ	133	C	X60
112	41	1.24	56	PCT	19	P5	BW2	1.76			07C	VS5	.580	ZPUMZ	133	C	X60
112	41	.61	67	PCT	11	P5	BW1	2.08			07H	VS3	.580	ZPUMZ	247	H	X60
112	41	1.21	80	PCT	19	P5	VS2	1.03			07H	VS3	.580	ZPUMZ	247	H	X60
116	41	1.09	94	PCT	23	P2	BW1	2.24			TEC	TEH	.610	RBARD	152	H	
116	41	.92	76	PCT	15	P5	BW1	-1.91			07H	VS3	.580	ZPUMZ	247	H	X60
116	41	2.59	78	PCT	33	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	247	H	X60
118	41	1.03	104	PCT	15	P5	BW2	1.76			07C	VS5	.580	ZPUMZ	134	C	X60
118	41	.73	58	PCT	13	P3	BW1	.00			07H	VS3	.580	ZPUMZ	246	H	X60
120	41	.82	69	PCT	13	P5	BW2	1.92			07C	VS5	.580	ZPUMZ	133	C	X60
122	41	.79	107	PCT	12	P5	BW2	-1.75			07C	VS5	.580	ZPUMZ	134	C	X60
122	41	.81	64	PCT	12	P5	BW2	1.85			07C	VS5	.580	ZPUMZ	134	C	X60
128	41	1.11	56	SAI		P5	VS7	.61		.40	07C	VS5	.580	ZPUMZ	136	C	X75
128	41	.27	34	SAI		P2	VS7	.61		.30	VS7	VS7	.580	ZPUFZ	169	C	
128	41	.86	58	PCT	14	P3	09H	.80			07H	VS3	.580	ZPUMZ	288	H	X75
39	42	.78	70	PCT	13	P3	BW1	2.03			BW1	VS4	.580	ZPUFZ	169	H	
51	42	1.02	12	MVI		P3	05C	17.00		.30	04C	06C	.600	ZPAHZ	27	C	NC
51	42																VID
51	42	.66	18	MVI		P3	04C	34.95		.20	04C	06C	.600	ZPAHZ	27	C	NC
51	42																VID
51	42	3.24	8	BID		P1	05C	16.96			TEH	TEC	.610	RBARD	84	C	
53	42	2.32	70	PCT	33	P3	VS5	.81			VS5	VS5	.580	ZPUFZ	141	C	
65	42	.79	38	PCT	13	P3	07H	.78			07H	07H	.600	ZPAHZ	355	H	
67	42	.36	107	PCT	11	P2	08H	-1.55			TEH	TEC	.610	RBARD	83	C	
67	42	.49	98	PCT	14	P2	VS5	.95			TEH	TEC	.610	RBARD	83	C	
67	42	.66	61	PCT	13	P3	VS5	.88			08C	VS5	.580	ZPUFZ	141	C	
67	42	1.09	71	PCT	19	P3	BW2	-1.62			08C	VS5	.580	ZPUFZ	141	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
67	42	.74	69	PCT	13	P3	08H	-1.66			08H	VS3	.580	ZPUFZ	169	H	
81	42	.61	44	PCT	16	P2	VS3	1.01			TEH	TEC	.610	RBARD	91	C	
81	42	1.01	70	PCT	16	P5	VS3	.68			07H	VS3	.580	ZPUMZ	202	H	X45
81	42	.94	44	PCT	15	P5	VS3	.94			07H	VS3	.580	ZPUMZ	202	H	X45
87	42	.40	52	SAI		P2	03H	-.66		.40	03H	03H	.600	ZPAHZ	355	H	
87	42	.69	83	SAI		P3	03H	-.66		.40	03H	03H	.600	ZPAHZ	355	H	
103	42	.80	93	PCT	14	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	247	H	X60
103	42	.87	102	SAI		P5	VS2	.64		.40	07H	VS3	.580	ZPUMZ	247	H	X60
103	42	.42	27	SAI		P2	VS2	.64		.20	VS2	VS2	.580	ZPUFZ	325	H	DQA
111	42	.99	62	PCT	16	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	247	H	X60
113	42	1.11	86	PCT	16	P5	BW2	1.80			07C	VS5	.580	ZPUMZ	134	C	X60
117	42	1.02	91	PCT	16	P3	09C	.66			07C	VS5	.580	ZPUMZ	134	C	X60
117	42	.50	67	PCT	13	P2	BW1	1.75			TEC	TEH	.610	RBARD	153	H	
117	42	.59	65	PCT	10	P3	BW1	-1.76			07H	VS3	.580	ZPUMZ	246	H	X60
117	42	1.41	76	PCT	22	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	246	H	X60
121	42	1.11	92	PCT	19	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	246	H	X60
123	42	.74	69	PCT	12	P5	BW2	-1.67			07C	VS5	.580	ZPUMZ	133	C	X60
123	42	.67	79	PCT	11	P5	BW2	1.49			07C	VS5	.580	ZPUMZ	133	C	X60
127	42	.88	111	PCT	15	P5	BW2	-1.80			07C	VS5	.580	ZPUMZ	135	C	X75
127	42	.55	46	PCT	10	P3	09H	.91			07H	VS3	.580	ZPUMZ	288	H	X75
2	43	.57	68	PCT	11	P3	02C	.90			02C	02C	.600	ZPAHZ	150	C	
16	43	1.41	43	SCI		P2	TSH	-15.01		.40	TSH	TSH	.600	ZPAHZ	7	H	
16	43	1.47	41	SCI		P4	TSH	-15.01		.30	TSH	TSH	.600	ZPAHZ	7	H	
22	43	1.75	42	MCI		P2	TSH	-15.38		.40	TSH	TSH	.600	ZPAHZ	7	H	
22	43	1.66	39	MCI		P4	TSH	-15.38		.30	TSH	TSH	.600	ZPAHZ	7	H	
22	43	.87	36	MCI		P4	TSH	-14.02		.20	TSH	TSH	.600	ZPAHZ	7	H	
22	43	.75	49	MCI		P2	TSH	-14.02		.40	TSH	TSH	.600	ZPAHZ	7	H	
40	43	.35	93	PCT	9	P2	VS4	.85			TEH	TEC	.610	RBARD	84	C	
46	43	.72	64	PCT	13	P3	VS4	.22			VS4	VS4	.580	ZPUFZ	333	H	
46	43	.57	73	PCT	11	P3	VS4	.67			VS4	VS4	.580	ZPUFZ	333	H	
48	43	1.31	68	PCT	20	P3	BW1	2.04			BW1	VS4	.580	ZPUFZ	168	H	
52	43	.96	74	PCT	16	P3	BW1	1.94			BW1	VS3	.580	ZPUFZ	168	H	
64	43	.73	90	PCT	12	P3	BW1	-1.94			07H	VS3	.580	ZPUFZ	168	H	
64	43	1.18	82	PCT	19	P3	BW1	1.88			07H	VS3	.580	ZPUFZ	168	H	
64	43	.52	92	PCT	10	P3	VS3	-.81			07H	VS3	.580	ZPUFZ	168	H	
84	43	.70	82	PCT	13	P3	VS5	-.91			VS5	VS5	.580	ZPUFZ	140	C	
86	43	.60	53	PCT	10	P5	VS3	-.88			07H	VS3	.580	ZPUMZ	207	H	X45
98	43	.69	95	PCT	18	P2	VS2	-.74			TEH	TEC	.610	RBARD	95	C	
98	43	1.15	64	PCT	15	P5	VS2	-.92			07H	VS3	.580	ZPUMZ	207	H	X45
118	43	.68	97	PCT	12	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	247	H	X60
120	43	.44	117	PCT	12	P2	BW1	1.83			TEC	TEH	.610	RBARD	152	H	
120	43	.68	72	PCT	12	P5	BW1	-1.79			07H	VS3	.580	ZPUMZ	247	H	X60
120	43	1.39	71	PCT	21	P5	BW1	2.01			07H	VS3	.580	ZPUMZ	247	H	X60
49	44	.80	63	PCT	15	P3	BW1	1.66			BW1	VS4	.580	ZPUFZ	333	H	
65	44	.58	59	PCT	16	P2	BW1	1.75			TEH	TEC	.610	RBARD	83	C	
65	44	1.36	75	PCT	21	P3	BW1	1.76			BW1	VS3	.580	ZPUFZ	168	H	
65	44	1.24	78	PCT	20	P3	BW1	1.81			BW1	VS3	.580	ZPUFZ	329	H	
69	44	.42	111	PCT	12	P2	08H	1.00			TEH	TEC	.610	RBARD	83	C	
69	44	.67	83	PCT	12	P3	08H	1.07			08H	08H	.600	ZPAHZ	117	H	
81	44	1.00	65	PCT	16	P5	VS3	.70			07H	VS3	.580	ZPUMZ	202	H	X45

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
83	44	1.36	101	PCT	21	P5	VS3	-.87			07H	VS3	.580	ZPUMZ	202	H	X45
83	44	1.31	80	PCT	20	P5	VS3	.92			07H	VS3	.580	ZPUMZ	202	H	X45
87	44	.63	56	PCT	10	P5	VS2	-.95			07H	VS3	.580	ZPUMZ	206	H	X45
111	44	.34	67	PCT	10	P2	VS2	.98			TEH	TEC	.610	RBARD	97	C	
111	44	.62	63	PCT	17	P2	VS5	1.17			TEH	TEC	.610	RBARD	97	C	
111	44	1.09	58	PCT	18	P3	VS5	-.70			VS5	VS5	.580	ZPUFZ	139	C	
111	44	1.09	87	PCT	18	P3	VS5	.95			VS5	VS5	.580	ZPUFZ	139	C	
111	44	.86	61	PCT	14	P5	VS2	-.84			07H	VS3	.580	ZPUMZ	247	H	X60
111	44	.81	57	PCT	14	P5	VS2	.89			07H	VS3	.580	ZPUMZ	247	H	X60
111	44	.54	44	PCT	9	P5	VS3	-.85			07H	VS3	.580	ZPUMZ	247	H	X60
115	44	.32	107	PCT	9	P2	BW1	1.51			TEC	TEH	.610	RBARD	153	H	
115	44	1.06	60	PCT	17	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	247	H	X60
119	44	1.04	84	PCT	17	P5	BW1	-1.61			07H	VS3	.580	ZPUMZ	247	H	X60
119	44	.96	86	PCT	16	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	247	H	X60
123	44	.61	60	PCT	11	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	247	H	X60
2	45	1.22	69	PCT	20	P3	02C	.98			02C	02C	.600	ZPAHZ	28	C	
16	45	.29	101	SCI		P4	TSH	-9.66		.40	TSH	TSH	.600	ZPAHZ	7	H	
16	45	.68	40	SCI		P2	TSH	-9.66		.30	TSH	TSH	.600	ZPAHZ	7	H	
20	45	2.12	40	SCI		P2	TSH	-13.01		.40	TSH	TSH	.600	ZPAHZ	7	H	
20	45	1.51	37	SCI		P4	TSH	-13.01		.20	TSH	TSH	.600	ZPAHZ	7	H	
42	45	.59	71	PCT	10	P3	BW1	1.97			BW1	VS4	.580	ZPUFZ	169	H	
50	45	4.58	6	BID		P1	VS4	2.86			TEH	TEC	.610	RBARD	83	C	
50	45	1.05	15	SVI		P3	VS4	2.96		.20	VS4	VS4	.580	ZPUFZ	333	H	NC
50	45																VID
66	45	.81	123	PCT	20	P2	VS3	-.69			TEH	TEC	.610	RBARD	83	C	
66	45	1.22	125	PCT	26	P2	VS5	-.81			TEH	TEC	.610	RBARD	83	C	
66	45	1.83	76	PCT	28	P3	VS5	-.89			VS5	VS5	.580	ZPUFZ	141	C	
66	45	1.76	72	PCT	26	P3	08H	-1.56			08H	VS3	.580	ZPUFZ	169	H	
66	45	1.01	63	PCT	17	P3	VS3	-.77			08H	VS3	.580	ZPUFZ	169	H	
68	45	.98	115	PCT	20	P2	08H	.95			TEH	TEC	.610	RBARD	84	C	
68	45	.65	89	PCT	12	P3	VS5	-.85			VS5	VS5	.580	ZPUFZ	141	C	
68	45	.87	58	PCT	15	P3	08H	.87			08H	VS3	.580	ZPUFZ	169	H	
68	45	.50	62	PCT	9	P3	VS3	-.68			08H	VS3	.580	ZPUFZ	169	H	
74	45	.88	84	PCT	16	P3	08C	-.03			08C	08C	.600	ZPAHZ	27	C	
80	45	.60	80	PCT	10	P5	VS3	.80			07H	VS3	.580	ZPUMZ	203	H	X45
84	45	.66	76	PCT	11	P5	VS3	-.86			07H	VS3	.580	ZPUMZ	203	H	X45
88	45	.84	127	PCT	18	P2	BW1	1.96			TEH	TEC	.610	RBARD	92	C	
88	45	1.62	67	PCT	21	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	207	H	X45
108	45	.67	66	PCT	11	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	247	H	X60
1	46	.75	115	PCT	14	P3	02C	.81			02C	02C	.600	ZPAHZ	150	C	
45	46	1.31	75	PCT	22	P3	VS4	.83			VS4	VS4	.580	ZPUFZ	333	H	
57	46	.88	57	PCT	15	P3	BW1	1.78			BW1	VS3	.580	ZPUFZ	169	H	
63	46	.31	119	SAI		P3	03H	.35		.40	03H	03H	.600	ZPAHZ	355	H	
63	46	.19	81	SAI		P2	03H	.35		.40	03H	03H	.600	ZPAHZ	355	H	
83	46	1.24	88	PCT	27	P2	VS5	.90			TEH	TEC	.610	RBARD	91	C	
83	46	1.68	72	PCT	26	P3	VS5	.88			VS5	VS5	.580	ZPUFZ	140	C	
83	46	.57	99	PCT	10	P5	VS3	-.86			07H	VS3	.580	ZPUMZ	202	H	X45
83	46	.70	84	PCT	12	P5	VS3	.98			07H	VS3	.580	ZPUMZ	202	H	X45
87	46	.58	86	SAI		P3	08H	-.23		.30	07H	VS3	.580	ZPUMZ	207	H	X45
87	46	.47	55	PCT	8	P5	BW1	1.70			07H	VS3	.580	ZPUMZ	207	H	X45
87	46	.21	73	SAI		P2	08H	-.23		.30	08H	08H	.600	ZPAHZ	331	H	
89	46	.99	81	PCT	15	P5	VS2	-.86			07H	VS3	.580	ZPUMZ	206	H	X45

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
95	46	.66	153	SAI		P5	VS2	.59		.41	07H	VS3	.580	ZPUMZ	207	H	X45
95	46	.30	22	SAI		P2	VS2	.59		.50	VS2	VS2	.580	ZPUFZ	325	H	DQA
101	46	.62	84	PCT	11	P5	BW1	2.08			07H	VS3	.580	ZPUMZ	246	H	X60
109	46	.66	43	PCT	11	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	246	H	X60
113	46	.69	54	PCT	12	P5	BW1	-1.82			07H	VS3	.580	ZPUMZ	246	H	X60
133	46	.88	95	PCT	16	P3	03C	.21			03C	03C	.600	ZPAHZ	155	C	
135	46	.54	97	SAI		P5	BW1	3.17		.80	07H	VS3	.580	ZPUMZ	300	H	X75
135	46	.51	49	SAI		P2	BW1	3.17		.40	BW1	VS1	.580	ZPUFZ	320	H	
10	47	.88	35	SCI		P2	TSH	-14.49		.40	TSH	TSH	.600	ZPAHZ	7	H	
10	47	.88	33	SCI		P4	TSH	-14.49		.20	TSH	TSH	.600	ZPAHZ	7	H	
20	47	.42	39	SCI		P4	TSH	-13.09		.30	TSH	TSH	.600	ZPAHZ	7	H	
20	47	.41	90	SCI		P2	TSH	-13.09		.40	TSH	TSH	.600	ZPAHZ	7	H	
66	47	.81	55	PCT	20	P2	08H	-1.34			TEH	TEC	.610	RBARD	83	C	
66	47	1.59	105	PCT	24	P3	08H	-1.11			08H	VS3	.580	ZPUFZ	168	H	
76	47	1.10	44	PCT	17	P5	VS3	-.39			07H	VS3	.580	ZPUMZ	203	H	X45
78	47	.48	62	PCT	14	P2	VS5	-.46			TEH	TEC	.610	RBARD	91	C	
78	47	1.28	61	PCT	21	P3	VS5	-.72			VS5	VS5	.580	ZPUFZ	140	C	
78	47	.65	46	PCT	11	P5	VS3	.58			07H	VS3	.580	ZPUMZ	203	H	X45
82	47	.86	59	PCT	19	P2	VS3	-.89			TEH	TEC	.610	RBARD	92	C	
82	47	1.36	64	PCT	20	P5	VS3	-.91			07H	VS3	.580	ZPUMZ	203	H	X45
84	47	.48	107	PCT	14	P2	VS5	.96			TEH	TEC	.610	RBARD	91	C	
84	47	.90	54	PCT	16	P3	VS5	.94			VS5	VS5	.580	ZPUFZ	140	C	
84	47	.61	74	PCT	10	P5	VS3	-.98			07H	VS3	.580	ZPUMZ	203	H	X45
90	47	.77	69	SAI		P3	VS6	.43		.50	VS6	VS6	.580	ZPUFZ	139	C	
90	47	.23	147	SAI		P2	VS6	.43		.30	VS6	VS6	.580	ZPUFZ	139	C	
90	47	.19	91	MAI		P2	02H	.30		.50	02H	02H	.600	ZPAHZ	355	H	
90	47	.52	74	MAI		P3	02H	.30		.20	02H	02H	.600	ZPAHZ	355	H	
90	47	.89	53	MAI		P3	02H	.51		.20	02H	02H	.600	ZPAHZ	355	H	
90	47	.00	0	MAI		P2	02H	.51		.00	02H	02H	.600	ZPAHZ	355	H	
100	47	.58	111	PCT	16	P2	BW1	1.93			TEH	TEC	.610	RBARD	96	C	
100	47	1.41	68	PCT	19	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	241	H	X45
100	47																X60
110	47	.65	73	PCT	11	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	240	H	X60
114	47	.57	108	PCT	10	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	240	H	X60
114	47	.69	103	PCT	11	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	240	H	X60
116	47	.65	73	PCT	11	P5	BW1	-1.77			07H	VS3	.580	ZPUMZ	241	H	X45
116	47																X60
57	48	.38	131	PCT	9	P2	BW1	1.95			TEH	TEC	.610	RBARD	82	C	
57	48	.90	75	PCT	15	P3	BW1	1.82			BW1	VS3	.580	ZPUFZ	168	H	DQA
73	48	.61	81	PCT	11	P3	VS3	-.65			VS3	VS3	.580	ZPUFZ	329	H	DQA
73	48	.69	79	PCT	11	P3	08H	.99			08H	08H	.600	ZPAHZ	351	H	
77	48	1.33	112	PCT	25	P2	VS3	-.82			TEH	TEC	.610	RBARD	92	C	
77	48	1.08	90	PCT	17	P5	VS3	-.84			07H	VS3	.580	ZPUMZ	202	H	X45
87	48	.23	48	PCT	7	P2	BW1	1.75			TEH	TEC	.610	RBARD	91	C	
87	48	.56	29	PCT	9	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	202	H	X45
107	48	3.16	1	BID		P1	03H	15.52			TEH	TEC	.610	RBARD	96	C	
107	48	.51	13	SVI		P3	03H	15.52		.30	03H	04H	.600	ZPAHZ	124	H	NC
107	48																VID
109	48	.89	58	PCT	13	P5	BW1	-1.75			07H	VS3	.580	ZPUMZ	241	H	X45
109	48																X60
117	48	.93	44	PCT	16	P3	09C	.88			09C	09C	.600	ZPAHZ	28	C	DQA
117	48	1.02	122	PCT	22	P2	09C	.93			TEC	TEH	.610	RBARD	153	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
121	48	.85	75	PCT	13	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	240	H	X60
135	48	.58	29	PCT	10	P5	BW1	-.11			07H	VS3	.580	ZPUMZ	294	H	X75
135	48	.64	65	PCT	11	P5	VS1	-.59			07H	VS3	.580	ZPUMZ	294	H	X75
2	49	.98	83	PCT	17	P3	02C	-.99			02C	02C	.600	ZPAHZ	150	C	
4	49	.24	37	SCI		P4	TSH	-15.56		.20	TSH	TSH	.600	ZPAHZ	7	H	
4	49	.32	46	SCI		P2	TSH	-15.56		.30	TSH	TSH	.600	ZPAHZ	7	H	
14	49	.63	35	SCI		P4	TSH	-14.59		.20	TSH	TSH	.600	ZPAHZ	7	H	
14	49	.68	33	SCI		P2	TSH	-14.59		.30	TSH	TSH	.600	ZPAHZ	7	H	
52	49	.52	90	PCT	10	P3	BW1	1.90			BW1	VS3	.580	ZPUFZ	169	H	
64	49	.38	124	PCT	9	P2	BW1	1.84			TEH	TEC	.610	RBARD	82	C	
64	49	.91	69	PCT	15	P3	BW1	1.84			07H	VS3	.580	ZPUFZ	168	H	
66	49	1.44	77	PCT	22	P3	08H	-1.72			08H	VS3	.580	ZPUFZ	168	H	
66	49	1.66	79	PCT	25	P3	08H	-1.30			08H	VS3	.580	ZPUFZ	168	H	
70	49	.67	129	PCT	18	P2	VS5	.92			TEH	TEC	.610	RBARD	81	C	
70	49	.76	64	PCT	13	P3	08H	.93			08H	08H	.600	ZPAHZ	117	H	
70	49	.58	31	PCT	11	P3	VS5	-.58			VS5	VS5	.580	ZPUFZ	140	C	
70	49	.99	81	PCT	17	P3	VS5	.90			VS5	VS5	.580	ZPUFZ	140	C	
74	49	.55	147	PCT	15	P2	08H	1.05			TEH	TEC	.610	RBARD	81	C	
74	49	.73	73	PCT	13	P3	08H	1.06			08H	08H	.600	ZPAHZ	117	H	
78	49	1.03	131	PCT	24	P2	VS3	.91			TEH	TEC	.610	RBARD	91	C	
78	49	1.83	69	PCT	26	P5	VS3	.82			07H	VS3	.580	ZPUMZ	198	H	X45
80	49	.63	59	PCT	12	P5	VS3	.86			07H	VS3	.580	ZPUMZ	199	H	X45
84	49	.64	97	PCT	15	P2	VS3	-.94			TEH	TEC	.610	RBARD	92	C	
84	49	.95	86	PCT	17	P5	VS3	-.88			07H	VS3	.580	ZPUMZ	199	H	X45
102	49	.72	53	PCT	11	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	241	H	X45
102	49																X60
122	49	.50	33	PCT	13	P2	BW1	1.85			TEC	TEH	.610	RBARD	152	H	
122	49	1.38	82	PCT	20	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	240	H	X60
73	50	1.36	87	PCT	22	P3	VS5	.70			VS5	VS5	.580	ZPUFZ	140	C	
77	50	.51	37	PCT	10	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	199	H	X45
77	50	.70	42	PCT	13	P5	VS3	.98			07H	VS3	.580	ZPUMZ	199	H	X45
79	50	.73	82	PCT	13	P5	VS3	.85			07H	VS3	.580	ZPUMZ	198	H	X45
81	50	.63	105	PCT	12	P5	VS3	.67			07H	VS3	.580	ZPUMZ	199	H	X45
103	50	.66	39	PCT	11	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	239	H	X60
107	50	.71	68	PCT	12	P5	BW1	1.64			07H	VS3	.580	ZPUMZ	239	H	X60
111	50	7.63	8	BID		P1	08H	-.24			TEH	TEC	.610	RBARD	97	C	
121	50	.88	59	PCT	15	P5	VS1	-.81			07H	VS3	.580	ZPUMZ	238	H	X60
125	50	.94	72	PCT	15	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	288	H	X75
137	50	.86	77	SAI		P5	09H	14.30		8.40	07H	VS3	.580	ZPUMZ	294	H	X75
137	50	.37	150	SAI		P2	09H	14.30		7.30	09H	BW1	.580	ZPUFZ	361	H	
139	50	.68	91	SAI		P5	09H	14.00		8.50	07H	VS3	.580	ZPUMZ	294	H	X75
139	50	.23	91	SAI		P2	09H	14.00		6.10	09H	BW1	.580	ZPUFZ	361	H	
14	51	2.16	40	SCI		P4	TSH	-14.57		.30	TSH	TSH	.600	ZPAHZ	7	H	
14	51	2.91	40	SCI		P2	TSH	-14.57		.40	TSH	TSH	.600	ZPAHZ	7	H	
14	51	3.86	18	MCI		P2	TEH	.11		.68	TEH	TSH	.600	ZPAHZ	49	H	
14	51	1.93	31	MCI		P4	TEH	.11		.78	TEH	TSH	.600	ZPAHZ	49	H	
54	51	.27	11	SAI		P2	TSH	-.24		.20	TSH	TSH	.600	ZPAHZ	25	H	
54	51	.84	59	SAI		P3	TSH	-.24		.20	TSH	TSH	.600	ZPAHZ	25	H	
68	51	1.44	77	PCT	22	P3	08H	-1.00			08H	VS3	.580	ZPUFZ	168	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
68	51	.65	60	PCT	11	P3	BW1	2.17			08H	VS3	.580	ZPUFZ	168	H	
74	51	.80	83	PCT	20	P2	08H	.99			TEH	TEC	.610	RBARD	81	C	
74	51	.93	100	PCT	15	P3	08H	.97			08H	08H	.600	ZPAHZ	117	H	
76	51	1.10	124	PCT	22	P2	VS5	.89			TEH	TEC	.610	RBARD	92	C	
76	51	1.66	54	PCT	25	P3	VS5	.82			VS5	VS5	.580	ZPUFZ	140	C	
76	51	.76	35	PCT	12	P3	08H	.91			07H	VS3	.580	ZPUMZ	199	H	X45
78	51	.74	124	PCT	19	P2	VS3	-.82			TEH	TEC	.610	RBARD	91	C	
78	51	1.48	87	PCT	30	P2	VS3	-.12			TEH	TEC	.610	RBARD	91	C	
78	51	.97	82	PCT	23	P2	VS5	-.82			TEH	TEC	.610	RBARD	91	C	
78	51	1.73	64	PCT	26	P3	VS5	-.95			VS5	VS5	.580	ZPUFZ	140	C	
78	51	1.18	88	PCT	19	P5	VS3	-.65			07H	VS3	.580	ZPUMZ	198	H	X45
78	51	1.96	71	PCT	28	P5	VS3	-.11			07H	VS3	.580	ZPUMZ	198	H	X45
96	51	.74	37	MAI		P5	VS5	-.78		.50	07C	VS5	.580	ZPUMZ	125	C	X60
96	51																X45
96	51	.83	42	MAI		P5	VS6	-.23		.50	07C	VS5	.580	ZPUMZ	125	C	X60
96	51																X45
96	51	.61	30	MAI		P5	VS6	.78		.40	07C	VS5	.580	ZPUMZ	125	C	X60
96	51																X45
96	51	.00	0	MAI		P2	VS5	-.78		.00	VS5	VS5	.580	ZPUFZ	143	C	
96	51	.00	0	MAI		P2	VS6	-.23		.00	VS6	VS6	.580	ZPUFZ	143	C	DQA
96	51	.00	0	MAI		P2	VS6	.78		.00	VS6	VS6	.580	ZPUFZ	143	C	
110	51	.60	67	PCT	10	P5	BW2	-1.87			07C	VS5	.580	ZPUMZ	133	C	X60
110	51	.84	69	PCT	14	P5	BW2	1.86			07C	VS5	.580	ZPUMZ	133	C	X60
110	51	.60	65	PCT	10	P5	VS2	.95			07H	VS3	.580	ZPUMZ	239	H	X60
116	51	.55	60	PCT	10	P5	BW1	-2.06			07H	VS3	.580	ZPUMZ	238	H	X60
118	51	.89	63	PCT	14	P5	BW2	1.96			07C	VS5	.580	ZPUMZ	133	C	X60
128	51	1.08	78	PCT	15	P5	BW2	1.81			07C	VS5	.580	ZPUMZ	136	C	X75
71	52	1.25	121	PCT	27	P2	VS5	-.80			TEH	TEC	.610	RBARD	81	C	
71	52	2.33	77	PCT	32	P3	VS5	-.91			VS5	VS5	.580	ZPUFZ	140	C	
71	52	.68	72	PCT	12	P3	VS3	.75			VS3	VS3	.580	ZPUFZ	329	H	DQA
73	52	1.00	64	PCT	15	P3	08H	.94			08H	08H	.600	ZPAHZ	351	H	
75	52	.72	57	PCT	12	P3	08H	.01			07H	VS3	.580	ZPUMZ	199	H	X45
75	52	.56	49	PCT	11	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	199	H	X45
79	52	2.33	100	PCT	37	P2	VS3	-.92			TEH	TEC	.610	RBARD	91	C	
79	52	2.57	70	PCT	33	P5	VS3	-.86			07H	VS3	.580	ZPUMZ	198	H	X45
87	52	2.55	117	PCT	39	P2	VS2	-.91			TEH	TEC	.610	RBARD	91	C	
87	52	1.50	73	PCT	23	P5	VS2	-.91			07H	VS3	.580	ZPUMZ	198	H	X45
87	52	.79	67	PCT	14	P5	VS3	-.79			07H	VS3	.580	ZPUMZ	198	H	X45
101	52	.71	64	PCT	11	P5	BW2	1.75			07C	VS5	.580	ZPUMZ	134	C	X60
109	52	.78	35	PCT	13	P5	VS2	-.98			07H	VS3	.580	ZPUMZ	239	H	X60
113	52	.50	156	PCT	13	P2	VS3	-.99			TEC	TEH	.610	RBARD	151	H	
113	52	.51	159	PCT	13	P2	VS3	.79			TEC	TEH	.610	RBARD	151	H	
113	52	1.13	45	PCT	19	P5	VS3	-.99			07H	VS3	.580	ZPUMZ	238	H	X60
113	52	1.61	58	PCT	25	P5	VS3	.79			07H	VS3	.580	ZPUMZ	238	H	X60
117	52	1.32	45	PCT	19	P5	BW2	1.77			07C	VS5	.580	ZPUMZ	134	C	X60
125	52	.90	93	SVI	15	P5	BW2	2.47		.90	07C	VS5	.580	ZPUMZ	136	C	TTW
125	52																X75
141	52	.92	57	SVI		P3	08C	35.10		.70	08C	09C	.600	ZPAHZ	28	C	NC
141	52																VOL
62	53	.56	79	SAI		P2	02H	-.68		.70	02H	02H	.600	ZPAHZ	355	H	
62	53	1.23	76	SAI		P3	02H	-.68		.40	02H	02H	.600	ZPAHZ	355	H	
72	53	1.42	84	PCT	25	P2	VS5	.93			TEH	TEC	.610	RBARD	82	C	
72	53	1.77	62	PCT	26	P3	VS5	.92			VS5	VS5	.580	ZPUFZ	140	C	
72	53	.63	38	PCT	10	P3	08H	.96			08H	08H	.600	ZPAHZ	351	H	
76	53	.71	113	PCT	16	P2	VS5	.89			TEH	TEC	.610	RBARD	92	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
76	53	.88	52	PCT	15	P3	VS5	1.01			VS5	VS5	.580	ZPUFZ	140	C	
80	53	1.51	124	PCT	27	P2	VS5	-.87			TEH	TEC	.610	RBARD	92	C	
80	53	2.62	72	PCT	36	P2	VS5	.73			TEH	TEC	.610	RBARD	92	C	
80	53	2.01	70	PCT	29	P3	VS5	-.82			VS5	VS5	.580	ZPUFZ	140	C	
80	53	2.61	66	PCT	34	P3	VS5	.97			VS5	VS5	.580	ZPUFZ	140	C	
80	53	.76	51	PCT	14	P5	VS3	.18			07H	VS3	.580	ZPUMZ	199	H	X45
82	53	.81	77	PCT	14	P5	VS3	.14			07H	VS3	.580	ZPUMZ	198	H	X45
86	53	.83	85	PCT	14	P5	VS3	-.76			07H	VS3	.580	ZPUMZ	198	H	X45
110	53	.48	124	PCT	14	P2	VS2	-.84			TEH	TEC	.610	RBARD	95	C	
110	53	.84	72	PCT	13	P5	VS2	-.81			07H	VS3	.580	ZPUMZ	227	H	X60
118	53	.80	91	PCT	12	P3	09H	-.81			07H	VS3	.580	ZPUMZ	227	H	X60
142	53	1.61	40	PCT	25	P3	04C	-1.04			04C	04C	.600	ZPAHZ	28	C	
9	54	.58	83	PCT	11	P3	BW2	-.67			07C	BW2	.580	ZPUFZ	146	C	
59	54	2.18	27	SCI		P2	TSH	-14.20		.20	TSH	TSH	.600	ZPAHZ	28	H	
59	54	.86	33	SCI		P4	TSH	-14.20		.30	TSH	TSH	.600	ZPAHZ	28	H	
61	54	.49	71	PCT	12	P2	BW1	-2.06			TEH	TEC	.610	RBARD	82	C	
61	54	1.04	63	PCT	17	P3	BW1	-1.92			BW1	VS3	.580	ZPUFZ	168	H	
63	54	1.02	91	PCT	24	P2	VS3	.94			TEH	TEC	.610	RBARD	81	C	
63	54	1.16	53	PCT	19	P3	VS3	.98			VS3	VS3	.580	ZPUFZ	329	H	DQA
65	54	.81	28	SCI		P4	TSH	-9.84		.30	TSH	TSH	.600	ZPAHZ	28	H	
65	54	1.80	40	SCI		P2	TSH	-9.84		.30	TSH	TSH	.600	ZPAHZ	28	H	
75	54	.78	12	MVI		P3	02C	-2.87		.20	02C	03C	.600	ZPAHZ	27	C	NC
75	54																VID
75	54	2.37	15	MVI		P3	02C	-.36		.30	02C	03C	.600	ZPAHZ	27	C	PID
75	54							.									VID
75	54	1.69	15	MVI		P3	02C	2.04		.30	02C	03C	.600	ZPAHZ	27	C	NC
75	54																VID
75	54	2.22	14	MVI		P3	02C	4.62		.20	02C	03C	.600	ZPAHZ	27	C	NC
75	54																VID
75	54	8.14	8	BID		P1	02C	-.44			TEH	TEC	.610	RBARD	81	C	
75	54	8.25	6	BID		P1	02C	1.93			TEH	TEC	.610	RBARD	81	C	
75	54	8.19	9	BID		P1	02C	4.59			TEH	TEC	.610	RBARD	81	C	
75	54	3.51	5	BID		P1	01C	29.49			TEH	TEC	.610	RBARD	81	C	
79	54	.73	33	PCT	12	P5	VS3	.89			07H	VS3	.580	ZPUMZ	198	H	X45
83	54	.64	99	PCT	17	P2	VS3	.94			TEH	TEC	.610	RBARD	91	C	
83	54	1.01	59	PCT	16	P5	VS3	.78			07H	VS3	.580	ZPUMZ	198	H	X45
85	54	.57	91	PCT	10	P3	08H	-.15			07H	VS3	.580	ZPUMZ	199	H	X45
89	54	.53	77	PCT	9	P3	08H	-.08			07H	VS3	.580	ZPUMZ	199	H	X45
93	54	.68	43	PCT	11	P3	08H	-.04			07H	VS3	.580	ZPUMZ	199	H	X45
101	54	.84	66	PCT	15	P3	VS6	-.28			VS6	VS6	.580	ZPUFZ	139	C	
101	54	.67	71	PCT	11	P5	VS2	-.81			07H	VS3	.580	ZPUMZ	227	H	X60
101	54	.85	63	PCT	13	P5	VS3	.94			07H	VS3	.580	ZPUMZ	227	H	X60
109	54	.34	33	PCT	6	P3	08H	.93			07H	VS3	.580	ZPUMZ	227	H	X60
111	54	.94	56	PCT	16	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	226	H	X60
111	54	.98	38	PCT	16	P5	VS2	1.08			07H	VS3	.580	ZPUMZ	226	H	X60
113	54	.35	159	PCT	10	P2	VS2	-.73			TEC	TEH	.610	RBARD	151	H	
113	54	.36	149	PCT	10	P2	VS2	.85			TEC	TEH	.610	RBARD	151	H	
113	54	1.01	122	PCT	22	P2	VS3	-.97			TEC	TEH	.610	RBARD	151	H	
113	54	.65	77	PCT	11	P5	VS2	-.62			07H	VS3	.580	ZPUMZ	227	H	X60
113	54	.77	50	PCT	12	P5	VS2	.92			07H	VS3	.580	ZPUMZ	227	H	X60
113	54	1.35	77	PCT	20	P5	VS3	-.91			07H	VS3	.580	ZPUMZ	227	H	X60
115	54	.83	32	PCT	13	P5	BW1	2.21			07H	VS3	.580	ZPUMZ	226	H	X60
117	54	.71	54	PCT	11	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	227	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
141	54	1.99	60	PCT	29	P3	03C	-1.09			03C	03C	.600	ZPAHZ	28	C	
141	54	.73	75	PCT	13	P3	03C	.03			03C	03C	.600	ZPAHZ	28	C	
141	54	1.83	119	PCT	32	P2	03C	-.94			TEC	TEH	.610	RBARD	156	H	
52	55	6.91	5	BID		P1	03H	34.59			TEH	TEC	.610	RBARD	81	C	
62	55	1.09	70	PCT	18	P3	BW1	1.80			BW1	VS3	.580	ZPUFZ	329	H	
68	55	.52	146	PCT	12	P2	VS3	-.75			TEH	TEC	.610	RBARD	82	C	
68	55	.94	76	PCT	15	P3	BW1	-1.56			08H	VS3	.580	ZPUFZ	169	H	
68	55	.77	55	PCT	12	P3	VS3	-.65			08H	VS3	.580	ZPUFZ	169	H	
70	55	1.02	60	PCT	17	P3	VS5	.64			VS5	VS5	.580	ZPUFZ	140	C	
76	55	.66	69	PCT	11	P3	08H	.93			07H	VS3	.580	ZPUMZ	199	H	X45
78	55	.54	20	PCT	15	P2	08H	.96			TEH	TEC	.610	RBARD	91	C	
78	55	.50	55	PCT	10	P3	08H	.88			07H	VS3	.580	ZPUMZ	198	H	X45
80	55	.86	72	PCT	14	P3	08H	-.08			07H	VS3	.580	ZPUMZ	199	H	X45
80	55	.57	67	PCT	10	P3	08H	.94			07H	VS3	.580	ZPUMZ	199	H	X45
94	55	.43	70	PCT	13	P2	VS2	.89			TEH	TEC	.610	RBARD	91	C	
94	55	1.05	65	PCT	17	P5	VS2	.82			07H	VS3	.580	ZPUMZ	198	H	X45
96	55	.91	55	PCT	22	P2	VS2	-.87			TEH	TEC	.610	RBARD	96	C	
96	55	1.06	87	PCT	18	P5	VS2	-.95			07H	VS3	.580	ZPUMZ	199	H	X45
98	55	.86	58	PCT	15	P3	VS5	-1.09			VS5	VS5	.580	ZPUFZ	139	C	
98	55	.89	85	PCT	16	P3	VS6	-.79			VS6	VS6	.580	ZPUFZ	139	C	
98	55	2.45	87	PCT	33	P3	VS6	-.23			VS6	VS6	.580	ZPUFZ	139	C	
102	55	.54	19	PCT	16	P2	VS2	-.76			TEH	TEC	.610	RBARD	96	C	
102	55	.67	34	PCT	11	P5	VS2	-.92			07H	VS3	.580	ZPUMZ	227	H	X60
120	55	.92	47	PCT	15	P3	BW1	1.62			07H	VS3	.580	ZPUMZ	226	H	X60
142	55	.38	158	PCT	10	P2	VS3	-.96			TEC	TEH	.610	RBARD	157	H	
142	55	.63	55	PCT	10	P5	VS3	-.86			07H	VS3	.580	ZPUMZ	295	H	X75
51	56	.69	60	PCT	13	P3	VS4	.87			VS4	VS4	.580	ZPUFZ	335	H	
71	56	.62	107	PCT	17	P2	VS3	.88			TEH	TEC	.610	RBARD	81	C	
71	56	.78	79	PCT	14	P3	VS3	.91			VS3	VS3	.580	ZPUFZ	329	H	DQA
75	56	.59	57	PCT	10	P3	08H	-.09			07H	VS3	.580	ZPUMZ	198	H	X45
75	56	.73	53	PCT	13	P3	08H	.90			07H	VS3	.580	ZPUMZ	198	H	X45
77	56	2.05	87	PCT	32	P2	VS5	-.84			TEH	TEC	.610	RBARD	92	C	
77	56	2.78	65	PCT	36	P3	VS5	-.78			VS5	VS5	.580	ZPUFZ	140	C	
77	56	.66	41	PCT	11	P3	08H	.95			07H	VS3	.580	ZPUMZ	199	H	X45
77	56	1.36	48	PCT	22	P5	VS3	.06			07H	VS3	.580	ZPUMZ	199	H	X45
79	56	.62	35	PCT	11	P3	08H	.85			07H	VS3	.580	ZPUMZ	198	H	X45
81	56	.55	144	PCT	13	P2	VS5	-.91			TEH	TEC	.610	RBARD	92	C	
81	56	.76	98	PCT	14	P3	VS5	-1.03			VS5	VS5	.580	ZPUFZ	140	C	
85	56	.87	66	SVI	14	P5	BW1	2.39		.50	07H	VS3	.580	ZPUMZ	199	H	TTW
85	56																X45
87	56	.58	47	PCT	10	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	198	H	X45
89	56	2.25	154	PCT	33	P2	VS2	-.76			TEH	TEC	.610	RBARD	92	C	
89	56	.56	136	PCT	14	P2	VS3	1.18			TEH	TEC	.610	RBARD	92	C	
89	56	1.35	62	PCT	22	P5	VS2	-.83			07H	VS3	.580	ZPUMZ	199	H	X45
89	56	.83	71	PCT	15	P5	VS3	1.05			07H	VS3	.580	ZPUMZ	199	H	X45
99	56	11.28	10	BID		P1	08H	3.07			TEH	TEC	.610	RBARD	95	C	
103	56	.67	30	PCT	12	P5	BW1	1.49			07H	VS3	.580	ZPUMZ	226	H	X60
105	56	.18	79	SAI		P2	03H	-.59		.30	03H	03H	.600	ZPAHZ	351	H	
105	56	.48	84	SAI		P3	03H	-.59		.20	03H	03H	.600	ZPAHZ	351	H	
109	56	.66	28	PCT	11	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	227	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
111	56	.62	96	PCT	11	P5	VS2	.40			07H	VS3	.580	ZPUMZ	226	H	X60
113	56	.72	46	PCT	12	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	227	H	X60
117	56	.63	98	PCT	10	P3	09H	-1.16			07H	VS3	.580	ZPUMZ	227	H	X60
139	56	.72	134	PCT	17	P2	VS1	.78			TEC	TEH	.610	RBARD	156	H	
139	56	1.03	68	PCT	17	P5	VS1	.92			07H	VS3	.580	ZPUMZ	291	H	X75
66	57	1.11	111	PCT	25	P2	08H	-1.58			TEH	TEC	.610	RBARD	81	C	
66	57	1.37	113	PCT	28	P2	08H	-1.12			TEH	TEC	.610	RBARD	81	C	
66	57	.79	101	PCT	20	P2	VS5	-.82			TEH	TEC	.610	RBARD	81	C	
66	57	1.20	66	PCT	21	P3	VS5	-.76			VS5	VS5	.580	ZPUFZ	141	C	
66	57	1.87	77	PCT	27	P3	08H	-1.65			08H	VS3	.580	ZPUFZ	168	H	
66	57	1.96	74	PCT	28	P3	08H	-1.17			08H	VS3	.580	ZPUFZ	168	H	
66	57	.90	88	PCT	15	P3	VS3	-.72			08H	VS3	.580	ZPUFZ	168	H	
68	57	.58	46	PCT	10	P3	08H	1.01			08H	VS3	.580	ZPUFZ	168	H	
80	57	.29	53	PCT	9	P2	08H	1.03			TEH	TEC	.610	RBARD	91	C	
80	57	.27	127	PCT	8	P2	VS5	-.84			TEH	TEC	.610	RBARD	91	C	
80	57	.47	60	PCT	9	P3	VS5	-1.18			VS5	VS5	.580	ZPUFZ	140	C	
80	57	.53	61	PCT	8	P3	08H	1.04			07H	VS3	.580	ZPUMZ	195	H	X45
80	57	.51	69	PCT	8	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	195	H	X45
84	57	.76	85	PCT	14	P3	VS5	-.97			VS5	VS5	.580	ZPUFZ	140	C	
84	57	1.11	72	PCT	17	P5	VS3	-.88			07H	VS3	.580	ZPUMZ	195	H	X45
114	57	.97	63	PCT	17	P3	VS5	1.09			VS5	VS5	.580	ZPUFZ	139	C	
114	57	1.03	101	PCT	18	P3	VS6	-.91			VS6	VS6	.580	ZPUFZ	139	C	
114	57	.36	161	PCT	10	P2	VS2	.71			TEC	TEH	.610	RBARD	151	H	
114	57	1.07	108	PCT	23	P2	VS3	.91			TEC	TEH	.610	RBARD	151	H	
114	57	.34	68	PCT	10	P2	VS5	1.09			TEC	TEH	.610	RBARD	151	H	
114	57	1.02	136	PCT	22	P2	VS6	-.87			TEC	TEH	.610	RBARD	151	H	
114	57	.70	60	PCT	11	P5	VS2	.96			07H	VS3	.580	ZPUMZ	227	H	X60
114	57	2.33	70	PCT	30	P5	VS3	1.04			07H	VS3	.580	ZPUMZ	227	H	X60
9	58	.63	68	PCT	12	P3	BW2	-.80			07C	BW2	.580	ZPUFZ	142	C	
37	58	1.32	19	SVI		P3	06C	29.95		.40	06C	07C	.600	ZPAHZ	27	C	NC
37	58																VID
37	58	5.82	5	BID		P1	06C	30.22			TEH	TEC	.610	RBARD	53	C	
59	58	.43	13	MVI		P3	02C	8.21		.40	02C	03C	.600	ZPAHZ	27	C	NC
59	58																VID
59	58	1.09	15	MVI		P3	02C	26.65		.20	02C	03C	.600	ZPAHZ	27	C	NC
59	58																VID
75	58	.72	56	PCT	12	P5	BW1	2.02			07H	VS3	.580	ZPUMZ	194	H	X45
77	58	.87	33	PCT	13	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	195	H	X45
83	58	.82	87	PCT	14	P3	VS5	1.05			VS5	VS5	.580	ZPUFZ	140	C	
83	58	1.02	38	PCT	16	P5	VS3	-.74			07H	VS3	.580	ZPUMZ	194	H	X45
89	58	.92	62	PCT	14	P5	VS2	.91			07H	VS3	.580	ZPUMZ	195	H	X45
103	58	.81	82	PCT	21	P2	VS2	-.95			TEH	TEC	.610	RBARD	96	C	
103	58	.90	75	PCT	14	P5	VS2	-.87			07H	VS3	.580	ZPUMZ	227	H	X60
70	59	.85	71	PCT	14	P3	08H	.92			08H	08H	.600	ZPAHZ	117	H	
78	59	.55	53	PCT	10	P3	08H	.87			07H	VS3	.580	ZPUMZ	194	H	X45
78	59	.61	98	PCT	10	P5	BW1	-1.87			07H	VS3	.580	ZPUMZ	194	H	X45
80	59	.47	92	PCT	12	P2	VS3	1.10			TEH	TEC	.610	RBARD	92	C	
80	59	1.46	113	PCT	26	P2	VS5	-.84			TEH	TEC	.610	RBARD	92	C	
80	59	2.20	91	PCT	33	P2	VS5	.84			TEH	TEC	.610	RBARD	92	C	
80	59	1.97	66	PCT	29	P3	VS5	-.97			VS5	VS5	.580	ZPUFZ	140	C	
80	59	2.77	74	PCT	36	P3	VS5	.83			VS5	VS5	.580	ZPUFZ	140	C	
80	59	.77	64	PCT	12	P3	08H	.93			07H	VS3	.580	ZPUMZ	195	H	X45
80	59	.65	105	PCT	11	P5	BW1	-2.09			07H	VS3	.580	ZPUMZ	195	H	X45
80	59	.49	91	PCT	7	P5	VS3	.91			07H	VS3	.580	ZPUMZ	195	H	X45
84	59	1.42	61	PCT	21	P5	VS3	.59			07H	VS3	.580	ZPUMZ	195	H	X45
98	59	.53	85	PCT	10	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	194	H	X45
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
114	59	.59	54	SVI		P3	06C	27.79		.30	06C	07C	.600	ZPAHZ	28	C	NC
114	59																PIT
114	59	.61	68	PCT	10	P5	VS2	.21			07H	VS3	.580	ZPUMZ	227	H	X60
118	59	.52	57	PCT	9	P5	BW1	-1.74			07H	VS3	.580	ZPUMZ	227	H	X60
128	59	.62	74	SAI		P3	VS7	.62		.40	VS7	VS7	.580	ZPUFZ	159	C	
128	59	.00	0	SAI		P2	VS7	.62		.00	VS7	VS7	.580	ZPUFZ	159	C	
130	59	5.55	11	SVI		P3	01C	18.55		.80	01C	02C	.600	ZPAHZ	28	C	NC
130	59																VID
130	59	5.59	8	BID		P1	01C	18.66			TEC	TEH	.610	RBARD	150	H	
136	59	1.27	63	PCT	21	P3	VS5	-1.06			VS5	VS5	.580	ZPUFZ	139	C	
136	59	1.67	68	PCT	26	P3	VS7	-.95			VS7	VS7	.580	ZPUFZ	139	C	
136	59	.94	141	PCT	21	P2	VS7	-.97			TEC	TEH	.610	RBARD	157	H	
136	59	.76	36	PCT	12	P5	VS1	.15			07H	VS3	.580	ZPUMZ	293	H	X75
146	59	.43	133	PCT	11	P2	09H	-.22			TEC	TEH	.610	RBARD	157	H	
146	59	.86	77	PCT	14	P3	09H	-.16			07H	VS3	.580	ZPUMZ	288	H	X75
75	60	.69	68	PCT	11	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	194	H	X45
77	60	.88	117	PCT	19	P2	VS3	-.21			TEH	TEC	.610	RBARD	92	C	
77	60	1.36	77	PCT	22	P3	VS5	-.55			VS5	VS5	.580	ZPUFZ	140	C	
77	60	1.77	79	PCT	25	P5	VS3	-.23			07H	VS3	.580	ZPUMZ	195	H	X45
79	60	.76	70	PCT	12	P5	BW1	-1.88			07H	VS3	.580	ZPUMZ	194	H	X45
83	60	.79	97	PCT	18	P2	VS3	1.07			TEH	TEC	.610	RBARD	92	C	
83	60	1.17	68	PCT	18	P5	VS3	.94			07H	VS3	.580	ZPUMZ	194	H	X45
85	60	.64	45	PCT	10	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	195	H	X45
87	60	.46	57	PCT	7	P5	VS2	.95			07H	VS3	.580	ZPUMZ	194	H	X45
95	60	.54	21	PCT	10	P3	BW1	1.62			07H	VS3	.580	ZPUMZ	194	H	X45
109	60	.32	136	PCT	10	P2	VS2	-.57			TEH	TEC	.610	RBARD	95	C	
109	60	.91	76	PCT	14	P5	VS2	-.66			07H	VS3	.580	ZPUMZ	227	H	X60
111	60	.42	116	PCT	12	P2	VS3	1.00			TEH	TEC	.610	RBARD	97	C	
111	60	.87	74	PCT	15	P5	VS3	.89			07H	VS3	.580	ZPUMZ	226	H	X60
115	60	.78	95	PCT	12	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	226	H	X60
139	60	1.10	91	PCT	19	P3	VS7	1.15			VS7	VS7	.580	ZPUFZ	139	C	
139	60	1.80	102	PCT	32	P2	VS1	-.85			TEC	TEH	.610	RBARD	156	H	
139	60	.72	68	PCT	17	P2	VS7	.91			TEC	TEH	.610	RBARD	156	H	
139	60	1.83	68	PCT	27	P5	VS1	-.85			07H	VS3	.580	ZPUMZ	284	H	X75
139	60	1.12	63	PCT	18	P5	VS1	-.19			07H	VS3	.580	ZPUMZ	284	H	X75
141	60	1.25	78	PCT	21	P3	VS7	.76			VS7	VS7	.580	ZPUFZ	139	C	
72	61	.64	53	PCT	14	P2	08H	.90			TEH	TEC	.610	RBARD	80	C	
72	61	.82	70	PCT	14	P3	08H	.95			08H	08H	.600	ZPAHZ	117	H	
76	61	.65	64	PCT	10	P3	08H	.88			07H	VS3	.580	ZPUMZ	195	H	X45
78	61	.47	37	PCT	13	P2	VS3	.96			TEH	TEC	.610	RBARD	91	C	
78	61	1.01	77	PCT	17	P3	VS5	.91			VS5	VS5	.580	ZPUFZ	140	C	
78	61	.90	66	PCT	14	P5	VS3	.89			07H	VS3	.580	ZPUMZ	194	H	X45
80	61	.40	140	PCT	10	P2	08H	.97			TEH	TEC	.610	RBARD	92	C	
80	61	.78	98	PCT	17	P2	VS3	1.08			TEH	TEC	.610	RBARD	92	C	
80	61	3.57	107	PCT	40	P2	VS5	-.87			TEH	TEC	.610	RBARD	92	C	
80	61	1.16	114	PCT	23	P2	VS5	.89			TEH	TEC	.610	RBARD	92	C	
80	61	3.67	71	PCT	42	P3	VS5	-.97			VS5	VS5	.580	ZPUFZ	140	C	
80	61	1.70	69	PCT	26	P3	VS5	.84			VS5	VS5	.580	ZPUFZ	140	C	
80	61	.47	65	PCT	7	P3	08H	.90			07H	VS3	.580	ZPUMZ	195	H	X45
80	61	.77	75	PCT	12	P5	VS3	.83			07H	VS3	.580	ZPUMZ	195	H	X45
84	61	.85	42	PCT	13	P3	08H	-.89			07H	VS3	.580	ZPUMZ	195	H	X45
86	61	.66	73	PCT	11	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	194	H	X45

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
88	61	.63	38	PCT	10	P5	BW1	-2.08			07H	VS3	.580	ZPUMZ	195	H	X45
102	61	.76	141	PCT	20	P2	VS2	-.94			TEH	TEC	.610	RBARD	96	C	
102	61	1.09	74	PCT	17	P5	VS2	-.90			07H	VS3	.580	ZPUMZ	227	H	X60
104	61	.63	93	PCT	10	P5	BW2	1.76			07C	VS5	.580	ZPUMZ	134	C	X60
106	61	.36	57	SVI		P3	02H	30.95		.30	02H	03H	.600	ZPAHZ	122	H	NC
106	61																PIT
108	61	.73	61	PCT	19	P2	VS2	.55			TEH	TEC	.610	RBARD	96	C	
108	61	.84	104	PCT	13	P5	BW2	1.83			07C	VS5	.580	ZPUMZ	134	C	X60
108	61	.90	128	PCT	15	P5	VS2	.82			07H	VS3	.580	ZPUMZ	226	H	X60
112	61	1.29	53	PCT	21	P3	VS5	.07			07C	VS5	.580	ZPUMB	178	C	
112	61	.96	57	PCT	17	P3	08C	-1.06			07C	VS5	.580	ZPUMB	178	C	DQA
120	61	.60	51	PCT	10	P3	09C	.00			07C	VS5	.580	ZPUMZ	134	C	X60
51	62	.56	149	PCT	15	P2	VS4	.81			TEH	TEC	.610	RBARD	79	C	
51	62	.88	52	PCT	16	P3	VS4	.82			VS4	VS4	.580	ZPUFZ	335	H	
63	62	1.11	89	PCT	18	P3	VS3	-.79			VS3	VS3	.580	ZPUFZ	329	H	DQA
81	62	.56	134	PCT	14	P2	VS5	-.84			TEH	TEC	.610	RBARD	92	C	
81	62	.93	46	PCT	16	P3	VS5	-1.10			VS5	VS5	.580	ZPUFZ	140	C	
81	62	.61	44	PCT	10	P5	VS3	.74			07H	VS3	.580	ZPUMZ	195	H	X45
87	62	.87	61	PCT	14	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	194	H	X45
93	62	.67	42	PCT	10	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	195	H	X45
97	62	.45	57	PCT	14	P2	08H	.88			TEH	TEC	.610	RBARD	96	C	
99	62	1.09	27	PCT	16	P5	VS2	-.94			07H	VS3	.580	ZPUMZ	194	H	X45
117	62	.65	107	PCT	16	P2	BW1	1.75			TEC	TEH	.610	RBARD	151	H	
117	62	1.55	79	PCT	22	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	224	H	X60
119	62	1.22	51	PCT	19	P5	BW1	-1.76			07H	VS3	.580	ZPUMZ	223	H	X60
121	62	.71	71	PCT	11	P5	BW2	1.97			07C	VS5	.580	ZPUMZ	132	C	X60
123	62	.54	95	PCT	10	P3	BW2	1.54			07C	VS5	.580	ZPUMZ	131	C	X60
131	62	.68	52	PCT	12	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	284	H	X75
143	62	.45	101	PCT	12	P2	09H	.74			TEC	TEH	.610	RBARD	156	H	
46	63	2.30	13	MVI		P3	02C	2.56		.40	02C	03C	.600	ZPAHZ	27	C	PID
46	63																VID
46	63	1.15	12	MVI		P3	02C	8.30		.30	02C	03C	.600	ZPAHZ	27	C	NC
46	63																VID
46	63	6.72	10	BID		P1	02C	2.54			TEH	TEC	.610	RBARD	79	C	
46	63	3.82	8	BID		P1	02C	8.10			TEH	TEC	.610	RBARD	79	C	
74	63	.62	22	PCT	17	P2	VS3	.84			TEH	TEC	.610	RBARD	79	C	
74	63	.85	69	PCT	15	P3	VS3	.73			VS3	VS3	.580	ZPUFZ	329	H	DQA
82	63	.93	117	PCT	22	P2	VS5	-.70			TEH	TEC	.610	RBARD	91	C	
82	63	1.99	76	PCT	29	P3	VS5	-.90			VS5	VS5	.580	ZPUFZ	140	C	
82	63	.72	75	PCT	13	P3	08H	-.93			07H	VS3	.580	ZPUMZ	194	H	X45
94	63	.28	38	PCT	9	P2	08H	.92			TEH	TEC	.610	RBARD	91	C	
94	63	.53	31	PCT	10	P3	08H	.96			07H	VS3	.580	ZPUMZ	194	H	X45
100	63	.59	61	PCT	9	P5	VS2	.65			07H	VS3	.580	ZPUMZ	224	H	X60
102	63	.55	72	PCT	10	P5	VS2	-.88			07H	VS3	.580	ZPUMZ	223	H	X60
116	63	.57	89	PCT	9	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	224	H	X60
118	63	.94	83	PCT	15	P5	BW1	-1.80			07H	VS3	.580	ZPUMZ	223	H	X60
120	63	.97	70	PCT	15	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	224	H	X60
130	63	.39	100	SAI		P2	02H	-.09		.40	02H	02H	.600	ZPAHZ	364	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
130	63	1.03	77	SAI		P3	02H	-.09		.40	02H	02H	.600	ZPAHZ	364	H	
132	63	.55	53	PCT	14	P2	BW1	1.96			TEC	TEH	.610	RBARD	157	H	
132	63	1.10	75	PCT	17	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	285	H	X75
148	63	.73	113	PCT	12	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	285	H	X75
150	63	.79	36	PCT	13	P3	BW1	2.03			07H	VS3	.580	ZPUMZ	284	H	X75
25	64	.40	13	SVI		P3	05C	4.08		.30	05C	06C	.600	ZPAHZ	27	C	NC
25	64																VID
25	64	8.01	4	BID		P1	05C	3.68			TEH	TEC	.610	RBARD	54	C	
29	64	.65	39	PCT	12	P3	VS4	.58			VS4	VS4	.580	ZPUFZ	335	H	
37	64	.24	69	SCI		P4	TSH	.18		.40	TSH	TSH	.600	ZPAHZ	57	H	
37	64	.50	92	SCI		P2	TSH	.18		.30	TSH	TSH	.600	ZPAHZ	57	H	
107	64	1.02	61	PCT	16	P5	VS3	-.62			07H	VS3	.580	ZPUMZ	223	H	X60
107	64	.80	42	PCT	13	P5	VS3	-.18			07H	VS3	.580	ZPUMZ	223	H	X60
111	64	.62	99	PCT	17	P2	08H	.89			TEH	TEC	.610	RBARD	97	C	
111	64	.89	56	PCT	13	P3	08H	.93			07H	VS3	.580	ZPUMZ	223	H	X60
115	64	.61	53	PCT	10	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	223	H	X60
117	64	.68	101	PCT	12	P3	09C	.90			07C	VS5	.580	ZPUMZ	131	C	X60
117	64	.40	107	PCT	11	P2	BW1	1.66			TEC	TEH	.610	RBARD	151	H	
117	64	1.19	77	PCT	18	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	224	H	X60
129	64	.99	95	PCT	16	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	284	H	X75
143	64	.93	54	PCT	16	P3	VS7	-.98			VS7	VS7	.580	ZPUFZ	139	C	
143	64	.54	47	PCT	9	P5	BW1	-2.05			07H	VS3	.580	ZPUMZ	284	H	X75
66	65	.61	97	PCT	11	P3	VS3	-.87			VS3	VS3	.580	ZPUFZ	329	H	DQA
96	65	.92	91	PCT	22	P2	08H	.57			TEH	TEC	.610	RBARD	96	C	
96	65	.71	67	PCT	12	P3	08H	-.27			07H	VS3	.580	ZPUMZ	189	H	X45
96	65	1.29	65	PCT	20	P3	08H	.86			07H	VS3	.580	ZPUMZ	189	H	X45
104	65	.49	76	PCT	8	P3	08H	-.13			07H	VS3	.580	ZPUMZ	224	H	X60
116	65	.77	92	PCT	12	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	224	H	X60
118	65	.83	95	PCT	20	P2	BW1	1.81			TEC	TEH	.610	RBARD	150	H	
118	65	2.13	72	PCT	29	P5	BW1	1.70			07H	VS3	.580	ZPUMZ	223	H	X60
146	65	1.31	85	PCT	21	P3	VS5	.98			VS5	VS5	.580	ZPUFZ	139	C	
146	65	.90	70	PCT	20	P2	VS1	.64			TEC	TEH	.610	RBARD	157	H	
146	65	.64	143	PCT	16	P2	VS5	.99			TEC	TEH	.610	RBARD	157	H	
146	65	1.48	59	PCT	21	P5	VS1	.79			07H	VS3	.580	ZPUMZ	285	H	X75
146	65	.56	84	PCT	9	P5	VS3	.82			07H	VS3	.580	ZPUMZ	285	H	X75
57	66	.67	87	PCT	11	P3	07H	1.05			07H	07H	.600	ZPAHZ	356	H	
81	66	.67	35	PCT	16	P2	VS3	.02			TEH	TEC	.610	RBARD	92	C	
81	66	.95	58	PCT	16	P3	VS3	-.07			VS3	VS3	.580	ZPUFZ	329	H	DQA
87	66	.33	33	PCT	10	P2	VS2	-.96			TEH	TEC	.610	RBARD	91	C	
87	66	.72	59	PCT	13	P3	VS2	-1.04			VS2	VS2	.580	ZPUFZ	329	H	DQA
89	66	.66	127	PCT	15	P2	VS3	.84			TEH	TEC	.610	RBARD	92	C	
89	66	1.03	33	PCT	15	P5	VS3	.87			07H	VS3	.580	ZPUMZ	189	H	X45
91	66	11.12	9	BID		P1	VS5	4.70			TEH	TEC	.610	RBARD	91	C	
103	66	.62	56	PCT	10	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	223	H	X60
109	66	.34	76	SAI		P3	05H	.75		.30	05H	05H	.600	ZPAHZ	351	H	
109	66	.15	104	SAI		P2	05H	.75		.30	05H	05H	.600	ZPAHZ	351	H	DQA
127	66	1.14	72	SAI		P5	VS7	-1.05		.50	07C	VS5	.580	ZPUMZ	135	C	X75
127	66	.71	88	SAI		P2	VS7	-1.05		.40	VS7	VS7	.580	ZPUFZ	143	C	
131	66	.35	44	PCT	10	P2	BW1	1.93			TEC	TEH	.610	RBARD	156	H	
131	66	.86	65	PCT	14	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	284	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

SG - 11 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

Palo Verde 1 U1R11 PVNGS1 20040401 04/27/2004 14:33:45

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
145	66	.56	77	PCT	14	P2	09H	.82			TEC	TEH	.610	RBARD	156	H	
145	66	1.01	68	PCT	16	P3	09H	.79			07H	VS3	.580	ZPUMZ	284	H	X75
30	67	.42	24	SCI		P2	TSH	-15.39		.20	TSH	TSH	.600	ZPAHZ	52	H	
30	67	.78	19	SCI		P4	TSH	-15.39		.20	TSH	TSH	.600	ZPAHZ	52	H	
38	67	.45	13	SCI		P2	TSH	-14.80		.20	TSH	TSH	.600	ZPAHZ	52	H	
38	67	.71	16	SCI		P4	TSH	-14.80		.30	TSH	TSH	.600	ZPAHZ	52	H	
80	67	1.16	109	PCT	23	P2	VS5	-.86			TEH	TEC	.610	RBARD	92	C	
80	67	1.85	68	PCT	27	P3	VS5	-1.06			VS5	VS5	.580	ZPUFZ	140	C	
98	67	.56	67	PCT	15	P2	08H	.97			TEH	TEC	.610	RBARD	95	C	
98	67	.89	42	PCT	14	P3	08H	.89			07H	VS3	.580	ZPUMZ	185	H	X45
108	67	.68	103	PCT	12	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	223	H	X60
110	67	.34	118	PCT	10	P2	VS2	-.54			TEH	TEC	.610	RBARD	95	C	
110	67	.55	105	PCT	15	P2	VS2	-.09			TEH	TEC	.610	RBARD	95	C	
110	67	1.45	117	PCT	29	P2	VS3	-.76			TEH	TEC	.610	RBARD	95	C	
110	67	.94	127	PCT	22	P2	VS3	.95			TEH	TEC	.610	RBARD	95	C	
110	67	.83	129	PCT	21	P2	VS5	.95			TEH	TEC	.610	RBARD	95	C	
110	67	1.96	80	PCT	29	P3	VS5	1.05			VS5	VS5	.580	ZPUFZ	139	C	
110	67	.65	79	PCT	10	P5	VS2	-.58			07H	VS3	.580	ZPUMZ	224	H	X60
110	67	1.10	85	PCT	17	P5	VS2	-.04			07H	VS3	.580	ZPUMZ	224	H	X60
110	67	1.59	68	PCT	23	P5	VS3	-.74			07H	VS3	.580	ZPUMZ	224	H	X60
110	67	1.73	68	PCT	24	P5	VS3	.97			07H	VS3	.580	ZPUMZ	224	H	X60
116	67	1.18	124	PCT	25	P2	VS3	.74			TEC	TEH	.610	RBARD	150	H	
116	67	2.28	69	PCT	31	P5	VS3	.99			07H	VS3	.580	ZPUMZ	223	H	X60
124	67	.77	54	PCT	14	P3	09H	.92			07H	VS3	.580	ZPUMZ	220	H	X60
146	67	.71	67	PCT	9	P5	BW1	1.64			07H	VS3	.580	ZPUMZ	285	H	X75
150	67	3.79	4	BID		P1	VS5	7.74			TEC	TEH	.610	RBARD	157	H	
43	68	.75	112	PCT	16	P2	VS4	-.87			TEH	TEC	.610	RBARD	80	C	
43	68	.63	99	PCT	12	P3	VS4	-.84			VS4	VS4	.580	ZPUFZ	335	H	
89	68	1.20	111	PCT	23	P2	VS3	-.82			TEH	TEC	.610	RBARD	92	C	
89	68	.52	85	PCT	13	P2	VS5	.85			TEH	TEC	.610	RBARD	92	C	
89	68	.70	78	PCT	13	P3	VS5	.79			VS5	VS5	.580	ZPUFZ	139	C	
89	68	1.28	88	PCT	21	P3	VS3	-.71			VS3	VS3	.580	ZPUFZ	329	H	DQA
99	68	.58	46	PCT	10	P3	08H	-.09			07H	VS3	.580	ZPUMZ	185	H	X45
111	68	.28	162	PCT	9	P2	VS2	.90			TEH	TEC	.610	RBARD	97	C	
111	68	.67	70	PCT	11	P5	VS2	.83			07H	VS3	.580	ZPUMZ	223	H	X60
125	68	.66	60	PCT	12	P5	BW1	-2.11			07H	VS3	.580	ZPUMZ	282	H	X75
129	68	.77	37	SAI		P5	VS1	.74		.60	07H	VS3	.580	ZPUMZ	282	H	X75
129	68	.25	35	SAI		P2	VS1	.74		.80	VS1	VS1	.580	ZPUFZ	361	H	
149	68	.74	73	PCT	13	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	282	H	X75
151	68	.53	76	PCT	9	P3	BW1	1.65			07H	VS3	.580	ZPUMZ	282	H	X75
42	69	.78	49	PCT	14	P3	VS4	.86			VS4	VS4	.580	ZPUFZ	335	H	
76	69	.66	110	PCT	12	P3	VS5	.90			VS5	VS5	.580	ZPUFZ	140	C	
106	69	.86	121	MAI		P3	08H	33.07		.70	07H	VS3	.580	ZPUMZ	223	H	X60
106	69	1.37	107	MAI		P3	08H	34.82		.90	07H	VS3	.580	ZPUMZ	223	H	X60
106	69	.79	17	MAI		P2	08H	33.07		.50	08H	BW1	.580	ZPUFZ	325	H	
106	69	1.18	25	MAI		P2	08H	34.82		.90	08H	BW1	.580	ZPUFZ	325	H	
116	69	.75	88	PCT	12	P5	BW1	2.06			07H	VS3	.580	ZPUMZ	223	H	X60
138	69	.28	33	SAI		P5	VS1	.55		.50	07H	VS3	.580	ZPUMZ	283	H	X75
138	69	.23	18	SAI		P2	VS1	.55		.20	VS1	VS1	.580	ZPUFZ	320	H	DQA
142	69	.64	139	SAI		P2	02H	.21		.40	02H	02H	.600	ZPAHZ	351	H	
142	69	.99	50	SAI		P3	02H	.21		.30	02H	02H	.600	ZPAHZ	351	H	DQA

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
148	69	.46	33	PCT	12	P2	BW1	1.72			TEC	TEH	.610	RBARD	156	H	
148	69	1.10	93	PCT	16	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	283	H	X75
150	69	.64	19	SAI		P5	VS1	-.39		.40	07H	VS3	.580	ZPUMZ	283	H	X75
150	69	.00	0	SAI		P2	VS1	-.39		.00	VS1	VS1	.580	ZPUFZ	320	H	DQA
1	70	.87	46	SVI	11	P3	TSH	.19		.30	TSH	TSH	.580	ZPUFZ	338	H	NLP
71	70	.81	46	PCT	14	P3	VS3	.79			VS3	VS3	.580	ZPUFZ	329	H	DQA
93	70	.27	164	SAI		P2	02H	-.57		.40	02H	02H	.600	ZPAHZ	351	H	DQA
93	70	.43	44	SAI		P3	02H	-.57		.20	02H	02H	.600	ZPAHZ	351	H	
107	70	1.03	40	PCT	17	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	220	H	X60
127	70	.50	61	SVI		P3	02C	8.13		.30	02C	03C	.600	ZPAHZ	28	C	NC
127	70																PIT
147	70	.47	79	PCT	9	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	282	H	X75
149	70	.40	151	PCT	11	P2	BW1	1.83			TEC	TEH	.610	RBARD	157	H	
149	70	1.01	68	PCT	17	P5	BW1	2.12			07H	VS3	.580	ZPUMZ	282	H	X75
153	70	.39	79	PCT	11	P2	BW1	1.87			TEC	TEH	.610	RBARD	160	H	
153	70	1.02	34	PCT	17	P3	BW1	1.57			07H	VS3	.580	ZPUMZ	282	H	X75
4	71	.50	111	SVI		P3	BW1	1.93		.20	07H	07C	.540	ZPUPH	161	C	NC
4	71																PIT
8	71	.51	76	PCT	10	P3	BW2	-.65			07C	BW2	.580	ZPUFZ	146	C	
14	71	.76	61	SVI		P3	06C	17.76		.30	06C	07C	.600	ZPAHZ	27	C	NC
14	71																PIT
16	71	.42	35	SAI		P2	TSH	-.48		.10	TSH	TSH	.600	ZPAHZ	52	H	
16	71	.38	19	SAI		P3	TSH	-.48		.20	TSH	TSH	.600	ZPAHZ	52	H	
38	71	.77	58	PCT	14	P3	VS4	-.66			BW1	VS4	.580	ZPUFZ	335	H	
42	71	.75	21	SCI		P4	TSH	-12.10		.30	TSH	TSH	.600	ZPAHZ	52	H	
42	71	.91	20	SCI		P2	TSH	-12.10		.20	TSH	TSH	.600	ZPAHZ	52	H	
68	71	.56	61	PCT	11	P3	VS5	-.97			VS5	VS5	.580	ZPUFZ	141	C	
74	71	6.82	7	BID		P1	05C	37.44			TEH	TEC	.610	RBARD	79	C	
100	71	.49	91	PCT	14	P2	VS2	-.90			TEH	TEC	.610	RBARD	97	C	
100	71	.66	103	PCT	11	P5	VS2	-.91			07H	VS3	.580	ZPUMZ	220	H	X60
136	71	.41	59	SVI		P5	BW1	-.27		.20	07H	VS3	.580	ZPUMZ	283	H	NC
136	71																SVI
136	71																X75
144	71	.78	74	PCT	12	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	283	H	X75
146	71	.77	49	PCT	13	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	283	H	X75
148	71	.65	68	PCT	10	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	283	H	X75
148	71	.20	39	SAI		P5	VS1	.96		.50	07H	VS3	.580	ZPUMZ	283	H	X75
148	71	.00	0	SAI		P2	VS1	.96		.00	VS1	VS1	.580	ZPUFZ	320	H	DQA
150	71	1.20	68	PCT	17	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	283	H	X75
150	71	.19	17	MAI		P5	VS1	-.42		.20	07H	VS3	.580	ZPUMZ	283	H	X75
150	71	.34	110	MAI		P5	VS1	-.29		.60	07H	VS3	.580	ZPUMZ	283	H	X75
150	71	.34	118	MAI		P5	VS1	.92		.30	07H	VS3	.580	ZPUMZ	283	H	X75
150	71	.00	0	MAI		P2	VS1	-.42		.00	VS1	VS1	.580	ZPUFZ	320	H	
150	71	.40	31	MAI		P2	VS1	-.29		.30	VS1	VS1	.580	ZPUFZ	320	H	DQA
150	71	.00	0	MAI		P2	VS1	.92		.00	VS1	VS1	.580	ZPUFZ	320	H	
67	72	.35	90	SAI		P2	TSH	.04		.20	TSH	TSH	.600	ZPAHZ	37	H	
67	72	1.16	67	SAI		P3	TSH	.04		.20	TSH	TSH	.600	ZPAHZ	37	H	
67	72	4.81	1	BID		P1	04H	5.08			TEH	TEC	.610	RBARD	79	C	
67	72	6.08	6	BID		P1	VS3	30.84			TEH	TEC	.610	RBARD	79	C	
67	72	.57	15	SVI		P3	04H	5.04		.40	04H	05H	.600	ZPAHZ	117	H	NC
67	72																VID
67	72	.73	19	SVI		P3	VS3	30.84		.30	VS3	VS5	.580	ZPUFZ	329	H	NC
67	72																VID

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
69	72	.60	109	SVI		P3	04C	32.43		.20	04C	05C	.600	ZPAHZ	27	C	NC
69	72																PIT
79	72	1.68	98	PCT	29	P2	VS3	-.80			TEH	TEC	.610	RBARD	98	C	
79	72	1.66	79	PCT	25	P3	VS3	-.83			VS3	VS3	.580	ZPUFZ	329	H	DQA
107	72	.61	29	PCT	11	P3	08H	.96			07H	VS3	.580	ZPUMZ	220	H	X60
133	72	1.26	70	SAI		P3	02H	.67		.40	02H	02H	.600	ZPAHZ	351	H	DQA
133	72	.68	67	SAI		P2	02H	.67		.60	02H	02H	.600	ZPAHZ	351	H	
149	72	.58	70	SAI		P3	02H	.59		.30	02H	02H	.600	ZPAHZ	351	H	DQA
149	72	.00	0	SAI		P2	02H	.59		.00	02H	02H	.600	ZPAHZ	351	H	
104	73	.70	38	PCT	12	P3	08H	.89			07H	VS3	.580	ZPUMZ	220	H	X60
112	73	.53	68	PCT	9	P3	08H	.94			07H	VS3	.580	ZPUMZ	220	H	X60
150	73	.63	63	PCT	12	P3	04C	-1.10			04C	04C	.600	ZPAHZ	28	C	
152	73	1.62	67	PCT	25	P3	BW2	2.10			BW2	VS5	.580	ZPUFZ	139	C	
65	74	.00	0	SAI		P2	TSH	.17		.00	TSH	TSH	.600	ZPAHZ	37	H	
65	74	.64	62	SAI		P3	TSH	.17		.20	TSH	TSH	.600	ZPAHZ	37	H	
115	74	.60	69	PCT	10	P5	BW1	2.16			07H	VS3	.580	ZPUMZ	255	H	X60
129	74	.28	46	PCT	8	P2	BW1	-1.96			TEC	TEH	.610	RBARD	146	H	
129	74	.67	108	PCT	12	P5	BW1	-2.07			07H	VS3	.580	ZPUMZ	282	H	X75
133	74	.48	77	PCT	13	P2	VS1	-.87			TEC	TEH	.610	RBARD	160	H	
100	75	.53	36	PCT	10	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	256	H	X60
106	75	.67	43	PCT	11	P3	08H	.86			07H	08H	.580	ZPUMZ	218	H	X60
106	75	.64	44	PCT	11	P3	08H	.89			07H	VS3	.580	ZPUMZ	256	H	X60
148	75	.79	67	MAI		P5	VS1	-.84		.50	07H	VS3	.580	ZPUMZ	276	H	X75
148	75	.94	33	MAI		P5	VS1	-.33		.30	07H	VS3	.580	ZPUMZ	276	H	X75
148	75	.47	26	MAI		P2	VS1	-.84		.50	VS1	VS1	.580	ZPUFZ	320	H	DQA
148	75	.43	19	MAI		P2	VS1	-.33		.20	VS1	VS1	.580	ZPUFZ	320	H	
150	75	.58	67	PCT	10	P3	BW1	1.77			07H	BW1	.580	ZPUMZ	281	H	X75
150	75	.80	71	PCT	13	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	300	H	X75
150	75	.72	114	SAI		P5	VS1	.56		.50	07H	VS3	.580	ZPUMZ	300	H	X75
150	75	.20	104	SAI		P2	VS1	.56		.30	VS1	VS1	.580	ZPUFZ	320	H	DQA
152	75	.70	59	PCT	11	P5	BW1	-1.62			07H	VS3	.580	ZPUMZ	300	H	X75
154	75	1.26	114	PCT	29	P2	BW2	-1.86			TEH	TEC	.610	RBARD	120	C	
154	75	2.75	69	PCT	36	P3	BW2	-1.77			BW2	VS5	.580	ZPUFZ	139	C	
71	76	.35	128	PCT	10	P2	VS5	.92			TEH	TEC	.610	RBARD	63	C	
79	76	.25	110	PCT	8	P2	VS3	-.96			TEH	TEC	.610	RBARD	63	C	
83	76	1.33	97	PCT	25	P2	VS3	.85			TEH	TEC	.610	RBARD	98	C	
83	76	1.24	90	PCT	20	P3	VS3	.84			VS3	VS3	.580	ZPUFZ	329	H	DQA
46	77	8.49	1	BID		P1	BW1	14.12			TEH	TEC	.610	RBARD	63	C	
46	77	1.56	16	SVI		P3	BW1	14.05		.50	BW1	VS4	.580	ZPUFZ	335	H	NC
46	77																VID
84	77	1.24	74	PCT	20	P3	VS5	-.95			VS5	VS5	.580	ZPUFZ	140	C	
84	77	1.07	88	PCT	18	P3	VS5	.89			VS5	VS5	.580	ZPUFZ	140	C	
90	77	.66	122	MAI		P5	VS5	-.98		.30	07C	VS5	.580	ZPUMZ	122	C	X45
90	77	.53	107	MAI		P5	VS6	-.95		.30	07C	VS5	.580	ZPUMZ	122	C	X45
90	77	.68	30	MAI		P5	VS6	-.12		.40	07C	VS5	.580	ZPUMZ	122	C	X45
90	77	.18	18	MAI		P2	VS5	-.98		.20	VS6	VS5	.580	ZPUFZ	169	C	
90	77	.17	16	MAI		P2	VS6	-.95		.40	VS6	VS5	.580	ZPUFZ	169	C	
90	77	.55	126	MAI		P2	VS6	-.12		.60	VS6	VS5	.580	ZPUFZ	169	C	
96	77	.73	48	MAI		P5	VS6	-.11		.40	07C	VS5	.580	ZPUMZ	124	C	X45
96	77	.85	64	MAI		P5	VS6	-.05		.40	07C	VS5	.580	ZPUMZ	124	C	X45
96	77	.00	0	MAI		P2	VS6	-.11		.00	VS6	VS6	.580	ZPUFZ	143	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
96	77	.00	0	MAI		P2	VS6	-.05		.00	VS6	VS6	.580	ZPUFZ	143	C	
108	77	.61	84	PCT	10	P5	BW1	1.36			07H	VS3	.580	ZPUMZ	217	H	X60
108	77	.77	77	PCT	13	P5	VS2	1.05			07H	VS3	.580	ZPUMZ	217	H	X60
112	77	.67	64	PCT	11	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	217	H	X60
114	77	.33	111	PCT	9	P2	BW1	1.77			TEC	TEH	.610	RBARD	147	H	
114	77	.91	66	PCT	15	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	218	H	X60
116	77	.85	137	PCT	20	P2	09H	-.20			TEC	TEH	.610	RBARD	147	H	
116	77	1.92	54	PCT	28	P3	09H	-.17			07H	VS3	.580	ZPUMZ	217	H	X60
144	77	.42	37	PCT	11	P2	BW1	1.75			TEC	TEH	.610	RBARD	159	H	
144	77	1.16	81	PCT	17	P5	BW1	1.65			07H	VS3	.580	ZPUMZ	274	H	X75
154	77	.65	72	PCT	10	P5	BW1	2.05			07H	VS3	.580	ZPUMZ	300	H	X75
107	78	1.06	79	PCT	17	P5	BW1	2.11			07H	VS3	.580	ZPUMZ	217	H	X60
109	78	1.20	54	PCT	20	P5	BW1	2.17			07H	VS3	.580	ZPUMZ	256	H	X60
111	78	.83	75	PCT	19	P2	08H	1.04			TEH	TEC	.610	RBARD	98	C	
111	78	.46	134	PCT	12	P2	VS3	-.75			TEH	TEC	.610	RBARD	98	C	
111	78	.77	63	PCT	12	P5	BW2	1.86			07C	VS5	.580	ZPUMZ	131	C	X60
111	78	.92	75	PCT	16	P3	08H	1.00			07H	VS3	.580	ZPUMZ	217	H	X60
111	78	.77	56	PCT	12	P5	VS3	-.72			07H	VS3	.580	ZPUMZ	217	H	X60
151	78	.41	60	PCT	11	P2	VS1	.70			TEC	TEH	.610	RBARD	159	H	
151	78	.68	92	PCT	11	P5	VS1	.93			07H	VS3	.580	ZPUMZ	274	H	X75
153	78	.77	84	PCT	13	P5	BW1	-1.85			07H	VS3	.580	ZPUMZ	273	H	X75
155	78	.60	84	PCT	10	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	305	H	X75
40	79	.54	104	PCT	13	P2	VS4	-.71			TEH	TEC	.610	RBARD	64	C	
40	79	.59	95	PCT	11	P3	VS4	-.76			VS4	VS4	.580	ZPUFZ	335	H	
42	79	.76	21	SVI		P3	TSH	-14.67		.20	TSH	TSH	.600	ZPAHZ	52	H	PID
42	79																VID
42	79	2.71	25	MCI		P2	TSH	-14.16		.50	TSH	TSH	.600	ZPAHZ	52	H	
42	79	1.92	28	MCI		P4	TSH	-14.16		.30	TSH	TSH	.600	ZPAHZ	52	H	
42	79	1.02	30	MCI		P2	TSH	-13.75		.20	TSH	TSH	.600	ZPAHZ	52	H	
42	79	.90	21	MCI		P4	TSH	-13.75		.20	TSH	TSH	.600	ZPAHZ	52	H	
42	79	1.03	27	MCI		P2	TSH	-13.51		.20	TSH	TSH	.600	ZPAHZ	52	H	
42	79	.88	19	MCI		P4	TSH	-13.51		.20	TSH	TSH	.600	ZPAHZ	52	H	
42	79	.82	22	MCI		P4	TSH	-12.79		.50	TSH	TSH	.600	ZPAHZ	52	H	
42	79	.83	22	MCI		P2	TSH	-12.79		.40	TSH	TSH	.600	ZPAHZ	52	H	
100	79	.81	113	PCT	12	P5	VS6	.83			07C	VS5	.580	ZPUMZ	132	C	X60
104	79	.81	79	PCT	13	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	217	H	X60
112	79	.85	55	PCT	13	P5	BW2	1.99			07C	VS5	.580	ZPUMZ	132	C	X60
114	79	.35	49	PCT	10	P2	08H	.91			TEC	TEH	.610	RBARD	147	H	
114	79	.81	37	PCT	13	P3	08H	-.17			07H	VS3	.580	ZPUMZ	218	H	X60
114	79	.84	42	PCT	13	P3	08H	.84			07H	VS3	.580	ZPUMZ	218	H	X60
132	79	.68	94	PCT	11	P5	BW1	2.02			07H	VS3	.580	ZPUMZ	274	H	X75
29	80	.63	110	PCT	17	P2	BW2	-2.00			TEH	TEC	.610	RBARD	61	C	
29	80	1.60	69	PCT	25	P3	BW2	-1.85			BW2	VS4	.580	ZPUFZ	141	C	
29	80	1.03	65	PCT	17	P3	BW1	-1.86			BW1	VS4	.580	ZPUFZ	184	H	
31	80	.62	116	PCT	16	P2	BW2	-1.83			TEH	TEC	.610	RBARD	61	C	
31	80	1.52	46	PCT	25	P3	BW2	-1.62			BW2	VS4	.580	ZPUFZ	141	C	
111	80	.55	90	PCT	10	P5	BW2	-1.88			07C	VS5	.580	ZPUMZ	131	C	X60
111	80	.49	100	PCT	9	P5	BW2	1.94			07C	VS5	.580	ZPUMZ	131	C	X60
149	80	.21	39	SAI		P2	03H	.46		.30	03H	03H	.600	ZPAHZ	351	H	
149	80	.70	94	SAI		P3	03H	.46		.20	03H	03H	.600	ZPAHZ	351	H	DQA
82	81	.43	46	PCT	11	P2	VS3	-.09			TEH	TEC	.610	RBARD	100	C	
82	81	1.29	124	PCT	24	P2	VS3	.70			TEH	TEC	.610	RBARD	100	C	
82	81	.70	132	PCT	16	P2	VS5	-.70			TEH	TEC	.610	RBARD	100	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
82	81	.76	76	PCT	14	P3	VS5	-.86			VS5	VS5	.580	ZPUFZ	140	C	
82	81	.59	92	PCT	11	P3	VS3	-.07			VS3	VS3	.580	ZPUFZ	329	H	DQA
82	81	1.45	72	PCT	23	P3	VS3	.74			VS3	VS3	.580	ZPUFZ	329	H	
102	81	.50	67	PCT	8	P5	BW1	2.05			07H	VS3	.580	ZPUMZ	233	H	X45
102	81																X60
106	81	.73	79	PCT	11	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	233	H	X45
106	81																X60
108	81	.64	68	PCT	12	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	232	H	X60
110	81	.80	37	PCT	12	P5	BW1	2.06			07H	VS3	.580	ZPUMZ	233	H	X45
110	81																X60
112	81	.80	73	PCT	12	P5	BW2	1.88			07C	VS5	.580	ZPUMZ	130	C	X60
114	81	.55	94	PCT	10	P5	BW2	1.84			07C	VS5	.580	ZPUMZ	129	C	X60
114	81	.46	128	PCT	12	P2	08H	.83			TEC	TEH	.610	RBARD	147	H	
114	81	.51	110	PCT	9	P3	08H	.84			07H	VS3	.580	ZPUMZ	233	H	X45
114	81																X60
114	81	.87	86	PCT	13	P5	BW1	-1.75			07H	VS3	.580	ZPUMZ	233	H	X45
114	81																X60
114	81	1.33	86	PCT	19	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	233	H	X45
114	81																X60
116	81	.48	128	PCT	13	P2	09H	.04			TEC	TEH	.610	RBARD	146	H	
116	81	1.33	92	PCT	21	P3	09H	.13			07H	VS3	.580	ZPUMZ	232	H	X60
116	81	.77	74	PCT	14	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	232	H	X60
118	81	.43	109	PCT	12	P2	BW1	1.75			TEC	TEH	.610	RBARD	147	H	
118	81	1.06	89	PCT	15	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	233	H	X45
118	81																X60
134	81	.72	108	PCT	11	P5	VS1	-.19			07H	VS3	.580	ZPUMZ	274	H	X75
31	82	.85	42	PCT	15	P3	BW1	-1.75			BW1	VS4	.580	ZPUFZ	335	H	
65	82	.70	38	SVI		P3	06C	25.22		.30	06C	07C	.600	ZPAHZ	28	C	NC
65	82																PIT
101	82	.84	65	PCT	13	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	233	H	X45
101	82																X60
109	82	.99	101	PCT	15	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	233	H	X45
109	82																X60
111	82	1.19	95	PCT	20	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	232	H	X60
113	82	.45	97	PCT	12	P2	BW1	-1.56			TEC	TEH	.610	RBARD	147	H	
113	82	2.09	4	BID		P1	VS3	30.42			TEC	TEH	.610	RBARD	147	H	
113	82	1.44	80	PCT	20	P5	BW1	-1.75			07H	VS3	.580	ZPUMZ	233	H	X45
113	82																X60
113	82	.81	18	SVI		P3	VS3	30.95		.30	VS3	VS5	.580	ZPUFZ	329	H	NC
113	82																VID
115	82	.61	106	PCT	11	P3	08H	.80			07H	VS3	.580	ZPUMZ	232	H	X60
117	82	.53	96	PCT	14	P2	08H	.90			TEC	TEH	.610	RBARD	147	H	
117	82	.69	63	PCT	12	P3	08H	.88			07H	VS3	.580	ZPUMZ	233	H	X45
117	82																X60
119	82	.51	108	PCT	13	P2	08H	.78			TEC	TEH	.610	RBARD	146	H	
119	82	.72	85	PCT	12	P3	08H	.84			07H	VS3	.580	ZPUMZ	232	H	X60
129	82	.71	57	MAI		P3	07H	.76		.30	07H	VS3	.580	ZPUMZ	274	H	DQA
129	82																X75
129	82	.71	107	MAI		P5	VS1	1.00		.20	07H	VS3	.580	ZPUMZ	274	H	X75
129	82	.23	32	MAI		P2	VS1	1.00		.20	VS1	VS1	.580	ZPUFZ	320	H	DQA
129	82	.12	137	MAI		P2	07H	.76		.20	07H	07H	.600	ZPAHZ	368	H	
131	82	.44	106	MAI		P3	02H	.09		.20	02H	02H	.600	ZPAHZ	351	H	DQA
131	82	.27	137	MAI		P2	02H	.09		.30	02H	02H	.600	ZPAHZ	351	H	
131	82	.39	118	MAI		P2	02H	.32		.20	02H	02H	.600	ZPAHZ	351	H	
131	82	.73	92	MAI		P3	02H	.32		.40	02H	02H	.600	ZPAHZ	351	H	
149	82	1.07	78	PCT	16	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	274	H	X75

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
151	82	1.11	76	PCT	19	P3	VS5	-1.15			VS5	VS5	.580	ZPUFZ	139	C	
151	82	1.58	81	PCT	25	P3	VS7	.88			VS7	VS7	.580	ZPUFZ	139	C	
151	82	.55	139	PCT	15	P2	VS5	-1.05			TEC	TEH	.610	RBARD	160	H	
151	82	.78	125	PCT	19	P2	VS7	1.05			TEC	TEH	.610	RBARD	160	H	
151	82	.68	56	PCT	12	P5	BW1	1.71			07H	VS3	.580	ZPUMZ	273	H	X75
42	83	.59	13	MVI		P3	02C	13.37		.40	02C	03C	.600	ZPAHZ	27	C	NC
42	83																VID
42	83	.78	20	MVI		P3	02C	18.94		.30	02C	03C	.600	ZPAHZ	27	C	NC
42	83																VID
62	83	.27	115	MCI		P4	TSH	.22		.30	TSH	TSH	.600	ZPAHZ	36	H	
62	83	.47	105	MCI		P2	TSH	.22		.20	TSH	TSH	.600	ZPAHZ	36	H	
62	83	.16	149	MCI		P2	TSH	.23		.20	TSH	TSH	.600	ZPAHZ	36	H	
62	83	.25	39	MCI		P4	TSH	.23		.30	TSH	TSH	.600	ZPAHZ	36	H	
96	83	.76	17	SVI		P3	05C	31.41		.30	05C	06C	.600	ZPAHZ	28	C	NC
96	83																PIT
102	83	.63	84	PCT	11	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	232	H	X60
108	83	1.08	80	PCT	16	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	233	H	X45
108	83																X60
110	83	.85	127	PCT	21	P2	BW1	2.05			TEH	TEC	.610	RBARD	99	C	
110	83	1.87	81	PCT	28	P5	BW1	2.07			07H	VS3	.580	ZPUMZ	232	H	X60
114	83	.77	74	SVI	12	P5	BW1	2.93		.50	07H	VS3	.580	ZPUMZ	233	H	TTW
114	83																X45
114	83																X60
144	83	1.03	84	SAI		P5	VS1	.66		.50	07H	VS3	.580	ZPUMZ	267	H	X75
144	83	.44	29	SAI		P2	VS1	.66		.30	VS1	VS1	.580	ZPUFZ	320	H	DQA
146	83	.73	65	PCT	12	P5	BW1	1.97			07H	VS3	.580	ZPUMZ	268	H	X75
152	83	.42	17	PCT	11	P2	BW1	1.78			TEC	TEH	.610	RBARD	159	H	
152	83	.76	72	PCT	12	P5	BW1	-1.85			07H	VS3	.580	ZPUMZ	268	H	X75
152	83	1.01	80	PCT	15	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	268	H	X75
154	83	1.90	103	PCT	36	P2	VS7	-.73			TEH	TEC	.610	RBARD	120	C	
154	83	2.73	81	PCT	35	P3	VS7	-.85			VS7	VS7	.580	ZPUFZ	139	C	
154	83	1.27	69	PCT	21	P3	VS7	-.16			VS7	VS7	.580	ZPUFZ	139	C	
156	83	.99	136	PCT	26	P2	VS1	.88			TEH	TEC	.610	RBARD	120	C	
156	83	.63	135	PCT	19	P2	VS3	.90			TEH	TEC	.610	RBARD	120	C	
156	83	.69	68	PCT	10	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	305	H	X75
156	83	1.38	64	PCT	20	P5	VS1	1.06			07H	VS3	.580	ZPUMZ	305	H	X75
156	83	.80	87	PCT	12	P5	VS3	.75			07H	VS3	.580	ZPUMZ	305	H	X75
81	84	.83	126	PCT	20	P2	VS3	1.02			TEH	TEC	.610	RBARD	99	C	
81	84	.86	94	PCT	15	P3	VS3	.92			VS3	VS3	.580	ZPUFZ	329	H	DQA
87	84	1.17	63	PCT	19	P3	VS5	-.91			VS5	VS5	.580	ZPUFZ	140	C	
103	84	.85	56	SAI		P3	TSH	-.22		.20	TSH	TSH	.600	ZPAHZ	77	H	
103	84	.12	131	SAI		P2	TSH	-.22		.20	TSH	TSH	.600	ZPAHZ	77	H	
111	84	.64	129	PCT	15	P2	BW1	-2.08			TEH	TEC	.610	RBARD	100	C	
111	84	1.37	72	PCT	22	P5	BW1	-2.16			07H	VS3	.580	ZPUMZ	232	H	X60
111	84	.58	73	PCT	11	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	232	H	X60
117	84	.46	87	PCT	12	P2	09H	1.69			TEC	TEH	.610	RBARD	147	H	
117	84	.70	83	PCT	12	P3	09H	1.67			07H	VS3	.580	ZPUMZ	233	H	X45
117	84																X60
119	84	.92	51	PCT	16	P3	08H	.85			07H	VS3	.580	ZPUMZ	232	H	X60
121	84	.47	118	PCT	13	P2	08H	.81			TEC	TEH	.610	RBARD	147	H	
121	84	.79	60	PCT	13	P3	08H	.85			07H	VS3	.580	ZPUMZ	233	H	X45
121	84																X60
133	84	1.00	69	MAI		P3	02H	-.71		.30	02H	02H	.600	ZPAHZ	351	H	DQA
133	84	.39	92	MAI		P2	02H	-.71		.40	02H	02H	.600	ZPAHZ	351	H	
133	84	.52	68	MAI		P3	02H	.68		.20	02H	02H	.600	ZPAHZ	351	H	
133	84	.28	101	MAI		P2	02H	.68		.30	02H	02H	.600	ZPAHZ	351	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
133	84	.25	56	MAI		P2	03H	.27		.30	03H	03H	.600	ZPAHZ	351	H	
133	84	.88	81	MAI		P3	03H	.27		.70	03H	03H	.600	ZPAHZ	351	H	
133	84	.47	63	MAI		P3	04H	.20		.20	04H	04H	.600	ZPAHZ	351	H	
133	84	.23	29	MAI		P2	04H	.20		.30	04H	04H	.600	ZPAHZ	351	H	
137	84	.68	80	PCT	11	P5	VS1	-.92			07H	VS3	.580	ZPUMZ	268	H	DQA
137	84																X75
147	84	.81	60	MAI		P5	VS1	.09		.30	07H	VS3	.580	ZPUMZ	267	H	X75
147	84	.75	48	MAI		P5	VS1	.74		.40	07H	VS3	.580	ZPUMZ	267	H	X75
147	84	.40	53	MAI		P2	VS1	.09		.30	VS1	VS1	.580	ZPUFZ	320	H	DQA
147	84	.25	60	MAI		P2	VS1	.74		.20	VS1	VS1	.580	ZPUFZ	320	H	
66	85	.39	118	PCT	11	P2	VS5	-.80			TEH	TEC	.610	RBARD	65	C	
130	85	.66	73	SAI		P5	VS1	-.70		.40	07H	VS3	.580	ZPUMZ	267	H	X75
130	85	.24	56	SAI		P2	VS1	-.70		.40	VS1	VS1	.580	ZPUFZ	320	H	DQA
134	85	.77	71	PCT	13	P5	VS1	-.06			07H	VS3	.580	ZPUMZ	267	H	X75
142	85	.60	65	PCT	15	P2	VS3	-.96			TEC	TEH	.610	RBARD	159	H	
142	85	.96	135	PCT	22	P2	VS3	.80			TEC	TEH	.610	RBARD	159	H	
142	85	.92	69	PCT	15	P5	VS3	-.83			07H	VS3	.580	ZPUMZ	267	H	X75
142	85	1.70	75	PCT	25	P5	VS3	.96			07H	VS3	.580	ZPUMZ	267	H	X75
152	85	.63	90	PCT	10	P5	BW1	2.04			07H	VS3	.580	ZPUMZ	268	H	DQA
152	85																X75
154	85	.95	75	PCT	16	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	267	H	X75
41	86	.66	59	PCT	11	P3	BW1	-1.87			BW1	VS4	.580	ZPUFZ	184	H	
105	86	2.19	4	MVI		P2	TSH	10.61		.50	TSH	01H	.600	ZPAHZ	351	H	NC
105	86																VID
105	86	3.57	5	MVI		P2	TSH	11.34		.60	TSH	01H	.600	ZPAHZ	351	H	NC
105	86																VID
109	86	.60	59	PCT	9	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	233	H	X45
109	86																X60
113	86	1.48	73	PCT	20	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	233	H	X45
113	86																X60
115	86	.84	54	PCT	15	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	232	H	X60
117	86	.72	66	PCT	11	P5	VS2	-.09			07H	VS3	.580	ZPUMZ	233	H	X45
117	86																X60
121	86	.62	130	PCT	16	P2	VS1	-.88			TEC	TEH	.610	RBARD	147	H	
121	86	1.06	87	PCT	15	P5	VS1	-.97			07H	VS3	.580	ZPUMZ	233	H	X45
121	86																X60
125	86	.63	73	PCT	16	P2	09H	.82			TEC	TEH	.610	RBARD	146	H	
125	86	1.29	94	PCT	19	P3	09H	.79			07H	VS3	.580	ZPUMZ	268	H	DQA
125	86																X75
133	86	.58	105	SAI		P3	02H	-.67		.20	02H	02H	.600	ZPAHZ	122	H	
133	86	.29	24	SAI		P2	02H	-.67		.40	02H	02H	.600	ZPAHZ	122	H	
135	86	.67	88	PCT	17	P2	VS5	.70			TEC	TEH	.610	RBARD	160	H	
149	86	.97	86	SAI		P5	BW1	2.32		.40	07H	VS3	.580	ZPUMZ	268	H	X75
149	86	.46	114	SAI		P2	BW1	2.32		.40	BW1	BW1	.580	ZPUFZ	320	H	DQA
153	86	.70	26	PCT	12	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	267	H	X75
155	86	.95	59	PCT	16	P3	BW1	1.74			07H	VS3	.580	ZPUMZ	305	H	X75
40	87	1.43	69	PCT	22	P3	BW1	-1.86			BW1	VS4	.580	ZPUFZ	184	H	
112	87	.38	159	PCT	11	P2	BW1	1.96			TEH	TEC	.610	RBARD	99	C	
112	87	.68	120	SAI		P3	VS6	-.86		.50	VS6	VS6	.580	ZPUFZ	139	C	
112	87	.28	94	SAI		P2	VS6	-.86		.40	VS6	VS6	.580	ZPUFZ	139	C	
112	87	.52	75	PCT	10	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	232	H	X60
116	87	.88	101	PCT	20	P2	08H	.89			TEC	TEH	.610	RBARD	147	H	
116	87	1.31	89	PCT	26	P2	09H	-1.18			TEC	TEH	.610	RBARD	147	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
116	87	.72	155	PCT	18	P2	VS2	.73			TEC	TEH	.610	RBARD	147	H	
116	87	.87	94	PCT	15	P3	08H	.91			07H	VS3	.580	ZPUMZ	232	H	X60
116	87	.77	69	PCT	13	P3	08H	.91			07H	VS3	.580	ZPUMZ	232	H	X60
116	87	1.58	84	PCT	24	P3	09H	-1.15			07H	VS3	.580	ZPUMZ	232	H	X60
122	87	.92	81	PCT	14	P5	VS1	-.96			07H	VS3	.580	ZPUMZ	233	H	X45
122	87																X60
138	87	.75	97	SAI		P5	VS1	-.18		.30	07H	VS3	.580	ZPUMZ	268	H	DQA
138	87																X75
138	87	.00	0	SAI		P2	VS1	-.18		.00	VS1	VS1	.580	ZPUFZ	320	H	DQA
142	87	.68	76	PCT	11	P5	VS3	-.99			07H	VS3	.580	ZPUMZ	268	H	DQA
142	87																X75
148	87	1.67	58	MAI		P5	09H	27.02		2.10	07H	VS3	.580	ZPUMZ	267	H	X75
148	87	2.64	63	MAI		P5	09H	31.78		3.50	07H	VS3	.580	ZPUMZ	267	H	X75
148	87	.82	30	MAI		P2	09H	27.02		2.00	09H	BW1	.580	ZPUFZ	320	H	
148	87	2.52	88	MAI		P2	09H	31.78		3.50	09H	BW1	.580	ZPUFZ	320	H	
158	87	.71	88	PCT	12	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	305	H	X75
39	88	1.57	63	PCT	24	P3	BW1	-1.82			BW1	VS4	.580	ZPUFZ	184	H	
41	88	.91	77	PCT	16	P3	BW2	-2.00			BW2	VS4	.580	ZPUFZ	145	C	
51	88	.92	76	PCT	22	P2	VS4	-.92			TEH	TEC	.610	RBARD	63	C	
51	88	1.00	60	PCT	17	P3	VS4	-1.01			VS4	VS4	.580	ZPUFZ	329	H	DQA
103	88	.52	72	PCT	10	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	232	H	X60
107	88	.60	90	PCT	11	P5	BW1	2.02			BW1	VS3	.580	ZPUMZ	232	H	X60
107	88	.51	63	PCT	10	P5	BW1	2.05			07H	VS3	.580	ZPUMZ	256	H	X60
111	88	.65	85	PCT	12	P5	BW1	-1.81			BW1	VS3	.580	ZPUMZ	232	H	X60
111	88	1.37	77	PCT	22	P5	BW1	1.99			BW1	VS3	.580	ZPUMZ	232	H	X60
111	88	.65	81	PCT	12	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	256	H	X60
111	88	1.17	72	PCT	19	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	256	H	X60
117	88	1.13	72	PCT	24	P2	09H	-1.19			TEC	TEH	.610	RBARD	147	H	
117	88	1.63	67	PCT	25	P3	09H	-1.21			07H	VS3	.580	ZPUMZ	233	H	X45
117	88																X60
117	88	.87	92	PCT	13	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	233	H	X45
117	88																X60
121	88	.66	124	PCT	16	P2	08H	.89			TEC	TEH	.610	RBARD	147	H	
121	88	.56	133	PCT	14	P2	VS1	-.83			TEC	TEH	.610	RBARD	147	H	
121	88	.93	79	PCT	16	P3	08H	.88			07H	VS3	.580	ZPUMZ	233	H	X45
121	88																X60
121	88	1.03	85	PCT	15	P5	VS1	-.87			07H	VS3	.580	ZPUMZ	233	H	X45
121	88																X60
121	88	.45	95	SAI		P5	VS2	-.92		.50	07H	VS3	.580	ZPUMZ	233	H	X45
121	88																X60
121	88	.00	0	SAI		P2	VS2	-.92		.00	VS2	VS2	.580	ZPUFZ	325	H	DQA
123	88	.38	56	PCT	10	P2	VS1	-.98			TEC	TEH	.610	RBARD	146	H	
123	88	1.02	86	PCT	17	P5	VS1	-.97			09H	VS3	.580	ZPUMZ	232	H	X60
125	88	.77	115	PCT	18	P2	08H	.81			TEC	TEH	.610	RBARD	147	H	
125	88	1.28	74	PCT	20	P3	08H	.88			07H	VS3	.580	ZPUMZ	262	H	X75
133	88	.65	71	PCT	11	P5	VS1	-.12			07H	VS3	.580	ZPUMZ	261	H	X75
133	88	.66	102	SAI		P3	02H	.70		.20	02H	02H	.600	ZPAHZ	364	H	
133	88	.25	78	SAI		P2	02H	.70		.20	02H	02H	.600	ZPAHZ	364	H	
137	88	.97	66	SAI		P3	02H	.40		.40	02H	02H	.600	ZPAHZ	351	H	DQA
137	88	.45	35	SAI		P2	02H	.40		.40	02H	02H	.600	ZPAHZ	351	H	
139	88	.81	81	PCT	14	P5	BW1	-1.70			07H	VS3	.580	ZPUMZ	261	H	X75
157	88	.93	78	PCT	16	P3	09C	-.97			09C	09C	.600	ZPAHZ	28	C	
159	88	.54	121	PCT	14	P2	BW2	-1.85			TEH	TEC	.610	RBARD	118	C	
159	88	1.96	43	PCT	29	P3	BW2	-1.84			BW2	VS5	.580	ZPUFZ	139	C	
40	89	1.37	33	PCT	21	P3	BW1	-1.99			BW1	VS4	.580	ZPUFZ	184	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
82	89	1.33	121	PCT	25	P2	VS3	.89			TEH	TEC	.610	RBARD	100	C	
82	89	1.27	80	PCT	21	P3	VS3	.74			VS3	VS3	.580	ZPUFZ	329	H	DQA
110	89	3.58	8	BID		P1	BW2	.74			TEH	TEC	.610	RBARD	99	C	
110	89	2.01	6	BID		P1	BW2	1.12			TEH	TEC	.610	RBARD	99	C	
110	89	1.65	11	SVI		P4	BW2	.77		.70	BW2	VS5	.580	ZPUFZ	139	C	NC
110	89																VID
112	89	10.01	5	BID		P1	06C	20.54			TEH	TEC	.610	RBARD	99	C	
112	89	1.02	90	PCT	17	P5	BW1	2.00			BW1	VS3	.580	ZPUMZ	232	H	X60
112	89	.82	83	PCT	15	P5	BW1	2.25			07H	VS3	.580	ZPUMZ	256	H	X60
114	89	1.26	69	PCT	18	P5	BW1	2.04			07H	VS3	.580	ZPUMZ	233	H	X45
114	89																X60
122	89	.63	65	SAI		P3	09H	.85		.30	07H	VS3	.580	ZPUMZ	233	H	X45
122	89																X60
122	89	.65	88	SAI		P2	09H	.85		.60	09H	09H	.600	ZPAHZ	331	H	
128	89	.64	128	PCT	16	P2	09H	.76			TEC	TEH	.610	RBARD	147	H	
128	89	.91	59	PCT	15	P3	09H	.91			07H	VS3	.580	ZPUMZ	262	H	X75
130	89	.58	72	SAI		P5	VS1	-.64		.30	07H	VS3	.580	ZPUMZ	261	H	X75
130	89	.16	160	SAI		P2	VS1	-.64		.20	VS1	VS1	.580	ZPUFZ	320	H	DQA
138	89	.94	65	PCT	16	P3	VS5	-.82			VS5	VS5	.580	ZPUFZ	139	C	
138	89	.88	85	PCT	15	P3	VS5	.98			VS5	VS5	.580	ZPUFZ	139	C	
138	89	.84	96	PCT	11	P5	VS3	-.68			07H	VS3	.580	ZPUMZ	262	H	X75
140	89	1.40	119	PCT	28	P2	VS3	-.88			TEC	TEH	.610	RBARD	159	H	
140	89	.36	150	PCT	10	P2	VS3	.76			TEC	TEH	.610	RBARD	159	H	
140	89	2.16	75	PCT	30	P5	VS3	-.83			07H	VS3	.580	ZPUMZ	261	H	X75
140	89	.87	115	PCT	15	P5	VS3	-.15			07H	VS3	.580	ZPUMZ	261	H	X75
140	89	.75	120	PCT	13	P5	VS3	.96			07H	VS3	.580	ZPUMZ	261	H	X75
146	89	1.97	83	PCT	29	P3	VS5	-.68			VS5	VS5	.580	ZPUFZ	139	C	
146	89	.92	86	PCT	21	P2	VS5	-.76			TEC	TEH	.610	RBARD	159	H	
154	89	.73	84	PCT	13	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	261	H	X75
156	89	.81	77	PCT	15	P3	09C	.86			09C	09C	.600	ZPAHZ	28	C	
156	89	.80	96	PCT	22	P2	09C	.78			TEH	TEC	.610	RBARD	119	C	
156	89	1.29	79	PCT	21	P3	BW2	-1.97			BW2	VS5	.580	ZPUFZ	139	C	
156	89	.78	83	PCT	13	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	305	H	X75
39	90	.99	85	PCT	16	P3	BW1	-1.96			BW1	VS4	.580	ZPUFZ	184	H	
39	90	.56	109	PCT	10	P3	BW1	1.67			BW1	VS4	.580	ZPUFZ	184	H	
117	90	1.26	74	PCT	19	P3	09H	.59			07H	VS3	.580	ZPUMZ	239	H	X60
121	90	.49	122	PCT	13	P2	VS1	-.91			TEC	TEH	.610	RBARD	147	H	
121	90	.82	88	PCT	13	P5	VS1	-.79			07H	VS3	.580	ZPUMZ	239	H	X60
127	90	.50	139	PCT	13	P2	09H	.92			TEC	TEH	.610	RBARD	146	H	
127	90	.92	82	PCT	15	P3	09H	.82			07H	VS3	.580	ZPUMZ	261	H	X75
129	90	.48	89	PCT	13	P2	09H	.88			TEC	TEH	.610	RBARD	146	H	
129	90	.81	72	PCT	14	P3	09H	.98			07H	VS3	.580	ZPUMZ	262	H	X75
139	90	.99	49	PCT	16	P5	BW1	-1.87			07H	VS3	.580	ZPUMZ	261	H	X75
143	90	.76	45	PCT	13	P5	VS1	-.27			07H	VS3	.580	ZPUMZ	261	H	X75
147	90	.54	39	PCT	10	P3	09H	.97			07H	VS3	.580	ZPUMZ	261	H	X75
153	90	.77	63	PCT	13	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	261	H	X75
155	90	.65	123	PCT	11	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	305	H	X75
44	91	.78	77	PCT	13	P3	BW1	-1.89			BW1	VS4	.580	ZPUFZ	184	H	
74	91	.63	99	SAI		P3	TSH	-.21		.10	TSH	TSH	.600	ZPAHZ	42	H	
74	91	.29	94	SAI		P2	TSH	-.21		.20	TSH	TSH	.600	ZPAHZ	42	H	
84	91	.27	20	SAI		P2	TSH	-.21		.10	TSH	TSH	.600	ZPAHZ	77	H	
84	91	.78	29	SAI		P3	TSH	-.21		.20	TSH	TSH	.600	ZPAHZ	77	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
112	91	.89	85	PCT	15	P5	BW1	1.97			07H	VS3	.580	ZPUMZ	238	H	X60
114	91	1.11	74	PCT	17	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	239	H	X60
122	91	.62	61	PCT	10	P3	09H	-1.04			07H	VS3	.580	ZPUMZ	239	H	X60
122	91	.77	83	PCT	13	P5	VS1	.86			07H	VS3	.580	ZPUMZ	239	H	X60
124	91	.61	127	SVI		P3	06C	10.03		.30	06C	07C	.600	ZPAHZ	28	C	NC
124	91																PIT
124	91	1.44	41	SVI		P3	08C	26.86		1.00	07C	VS5	.580	ZPUMZ	130	C	PID
124	91																PIT
124	91																X60
124	91	.62	92	PCT	10	P3	08H	.90			07H	VS3	.580	ZPUMZ	238	H	X60
128	91	.85	62	PCT	14	P3	09H	-.13			07H	VS3	.580	ZPUMZ	262	H	X75
132	91	.47	8	SVI		P3	VS5	-5.30		2.90	VS5	VS3	.580	ZPUFZ	139	C	NC
132	91																VID
132	91	1.14	78	PCT	19	P3	VS5	-1.00			VS5	VS3	.580	ZPUFZ	139	C	
132	91	.91	78	PCT	16	P3	VS5	.90			VS5	VS3	.580	ZPUFZ	139	C	
132	91	.30	9	SVI		P5	09H	7.61		.20	07H	VS3	.580	ZPUMZ	262	H	NC
132	91																VID
132	91																X75
132	91	.47	98	PCT	8	P5	VS1	-.12			07H	VS3	.580	ZPUMZ	262	H	X75
142	91	.53	122	PCT	14	P2	VS3	-.95			TEC	TEH	.610	RBARD	159	H	
142	91	.68	125	PCT	12	P5	VS3	-1.09			07H	VS3	.580	ZPUMZ	261	H	X75
148	91	.82	75	PCT	13	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	262	H	X75
150	91	.99	72	PCT	16	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	261	H	X75
152	91	.64	105	PCT	11	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	262	H	X75
154	91	.77	50	PCT	13	P5	VS1	.10			07H	VS3	.580	ZPUMZ	261	H	X75
154	91	.63	62	PCT	11	P5	VS1	.84			07H	VS3	.580	ZPUMZ	261	H	X75
156	91	1.02	82	PCT	17	P3	BW1	2.05			07H	VS3	.580	ZPUMZ	305	H	X75
85	92	.49	77	SVI		P3	04H	8.14		.30	04H	05H	.600	ZPAHZ	122	H	NC
85	92																PIT
97	92	.66	81	SAI		P5	VS6	-.81		.30	07C	VS5	.580	ZPUMZ	122	C	X45
97	92	.00	0	SAI		P2	VS6	-.81		.00	VS6	VS6	.580	ZPUFZ	143	C	
109	92	.76	94	PCT	12	P3	08H	-.08			07H	VS3	.580	ZPUMZ	239	H	X60
109	92	.74	84	PCT	12	P3	08H	.89			07H	VS3	.580	ZPUMZ	239	H	X60
111	92	.66	49	PCT	15	P2	08H	.88			TEH	TEC	.610	RBARD	100	C	
111	92	.65	76	PCT	10	P3	08H	.88			07H	VS3	.580	ZPUMZ	238	H	X60
117	92	.29	128	PCT	11	P2	09H	-.85			TEC	TEH	.610	RBARD	205	H	
117	92	.42	90	PCT	7	P3	09H	-.95			07H	VS3	.580	ZPUMZ	239	H	X60
149	92	.69	69	PCT	12	P5	VS1	-.59			07H	VS3	.580	ZPUMZ	261	H	X75
151	92	.71	111	PCT	18	P2	VS1	-.94			TEC	TEH	.610	RBARD	160	H	
151	92	.58	69	PCT	10	P5	BW1	-2.02			07H	VS3	.580	ZPUMZ	262	H	X75
151	92	.70	65	PCT	11	P5	VS1	-.79			07H	VS3	.580	ZPUMZ	262	H	X75
155	92	.56	95	PCT	10	P3	BW1	-2.04			07H	VS3	.580	ZPUMZ	305	H	X75
155	92	.76	61	PCT	13	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	305	H	X75
40	93	2.13	86	PCT	31	P3	BW2	-1.80			BW2	VS4	.580	ZPUFZ	145	C	
40	93	1.26	103	PCT	20	P3	BW1	-2.03			BW1	VS4	.580	ZPUFZ	184	H	
44	93	.92	78	PCT	16	P3	VS4	.12			VS4	VS4	.580	ZPUFZ	329	H	DQA
76	93	.44	161	PCT	11	P2	VS5	-.81			TEH	TEC	.610	RBARD	102	C	
106	93	.60	29	SAI		P2	TSH	-10.73		.30	TSH	TSH	.600	ZPAHZ	84	H	
106	93	1.39	19	SAI		P3	TSH	-10.73		.20	TSH	TSH	.600	ZPAHZ	84	H	
106	93	.81	48	PCT	13	P3	08H	.99			07H	VS3	.580	ZPUMZ	239	H	X60
110	93	.95	76	PCT	15	P5	BW1	-2.20			07H	VS3	.580	ZPUMZ	239	H	X60
112	93	.65	95	PCT	12	P5	BW1	-2.20			07H	VS3	.580	ZPUMZ	238	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
112	93	.77	30	PCT	14	P5	BW1	2.11			07H	VS3	.580	ZPUMZ	238	H	X60
114	93	.35	148	PCT	12	P2	BW1	2.04			TEC	TEH	.610	RBARD	204	H	
114	93	.80	52	PCT	13	P3	08H	.80			07H	VS3	.580	ZPUMZ	239	H	X60
114	93	1.58	54	PCT	23	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	239	H	X60
120	93	.79	117	PCT	12	P3	08H	.60			07H	VS3	.580	ZPUMZ	238	H	X60
126	93	.63	130	PCT	19	P2	BW1	2.14			TEC	TEH	.610	RBARD	204	H	
126	93	.62	83	PCT	11	P3	09H	-.12			07H	VS3	.580	ZPUMZ	262	H	X75
126	93	1.45	75	PCT	21	P5	BW1	2.21			07H	VS3	.580	ZPUMZ	262	H	X75
128	93	.55	79	PCT	10	P3	08H	.89			07H	VS3	.580	ZPUMZ	261	H	X75
132	93	.55	71	PCT	10	P3	09H	.84			07H	VS3	.580	ZPUMZ	262	H	X75
134	93	.71	76	PCT	12	P5	VS1	.96			07H	VS3	.580	ZPUMZ	261	H	X75
142	93	1.22	46	PCT	20	P3	VS5	-.89			VS5	VS5	.580	ZPUFZ	139	C	
150	93	.64	104	SAI		P3	09H	22.76		.20	07H	VS3	.580	ZPUMZ	261	H	X75
150	93	.43	85	SAI		P2	09H	22.76		.60	09H	BW1	.580	ZPUFZ	320	H	
152	93	.77	116	PCT	19	P2	VS1	-.90			TEC	TEH	.610	RBARD	160	H	
152	93	.58	148	PCT	15	P2	VS1	.72			TEC	TEH	.610	RBARD	160	H	
152	93	.70	80	SAI		P3	09H	20.77		2.00	07H	VS3	.580	ZPUMZ	262	H	X75
152	93	.96	72	PCT	15	P5	VS1	-.95			07H	VS3	.580	ZPUMZ	262	H	X75
152	93	.63	64	PCT	10	P5	VS1	.92			07H	VS3	.580	ZPUMZ	262	H	X75
152	93	.50	43	SAI		P2	09H	20.77		1.20	09H	BW1	.580	ZPUFZ	320	H	
154	93	.66	62	PCT	12	P3	09H	-.96			07H	VS3	.580	ZPUMZ	261	H	X75
156	93	.61	54	PCT	11	P3	BW1	1.99			07H	VS3	.580	ZPUMZ	305	H	X75
43	94	.86	83	PCT	14	P3	BW1	1.77			BW1	VS4	.580	ZPUFZ	184	H	
111	94	.84	105	PCT	15	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	238	H	X60
113	94	.45	85	PCT	15	P2	BW1	2.23			TEC	TEH	.610	RBARD	204	H	
113	94	1.13	49	PCT	18	P5	BW1	-1.93			07H	VS3	.580	ZPUMZ	239	H	X60
113	94	2.04	61	PCT	28	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	239	H	X60
125	94	.75	90	PCT	21	P2	VS2	-.98			TEC	TEH	.610	RBARD	205	H	
125	94	1.21	74	PCT	18	P5	VS2	-.97			05H	VS3	.580	ZPUMZ	262	H	X75
127	94	.79	37	PCT	13	P3	09H	-.80			06H	VS3	.580	ZPUMZ	261	H	X75
127	94	.60	50	PCT	10	P3	09H	.90			06H	VS3	.580	ZPUMZ	261	H	X75
127	94	.77	52	PCT	13	P5	VS1	-.90			06H	VS3	.580	ZPUMZ	261	H	X75
127	94	.69	88	SAI		P3	05H	-.84		.40	05H	05H	.600	ZPAHZ	351	H	DQA
127	94	.28	95	SAI		P2	05H	-.84		.50	05H	05H	.600	ZPAHZ	351	H	
133	94	.39	124	PCT	11	P2	09H	.92			TEC	TEH	.610	RBARD	160	H	
133	94	.98	31	PCT	16	P3	09H	-.10			07H	VS3	.580	ZPUMZ	262	H	X75
133	94	1.24	40	PCT	19	P3	09H	1.01			07H	VS3	.580	ZPUMZ	262	H	X75
143	94	.86	63	PCT	14	P5	VS1	.83			07H	VS3	.580	ZPUMZ	261	H	X75
147	94	.76	29	PCT	13	P5	VS1	.93			07H	VS3	.580	ZPUMZ	261	H	X75
149	94	.67	90	PCT	9	P5	VS1	.88			07H	VS3	.580	ZPUMZ	262	H	X75
155	94	1.40	66	PCT	21	P5	BW1	1.21			07H	VS3	.580	ZPUMZ	305	H	X75
44	95	1.83	116	PCT	30	P2	VS4	1.00			TEH	TEC	.610	RBARD	64	C	
44	95	.78	66	PCT	16	P3	BW1	-2.25			BW1	VS4	.580	ZPUFZ	212	H	
44	95	.78	70	PCT	16	P3	VS4	.13			BW1	VS4	.580	ZPUFZ	212	H	
44	95	1.78	76	PCT	29	P3	VS4	1.03			BW1	VS4	.580	ZPUFZ	212	H	
46	95	.85	130	PCT	21	P2	VS4	-.83			TEH	TEC	.610	RBARD	63	C	
46	95	2.10	100	PCT	35	P2	VS4	.99			TEH	TEC	.610	RBARD	63	C	
46	95	.93	90	PCT	18	P3	VS4	-1.03			VS4	VS4	.580	ZPUFZ	212	H	
46	95	2.69	76	PCT	37	P3	VS4	.85			VS4	VS4	.580	ZPUFZ	212	H	
110	95	.68	74	PCT	13	P5	BW1	-1.96			07H	VS3	.580	ZPUMZ	251	H	X60
112	95	.59	130	PCT	12	P3	BW1	1.94			07H	VS3	.580	ZPUMZ	259	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
114	95	.94	55	PCT	17	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	258	H	X60
122	95	.32	102	PCT	11	P2	09H	.75			TEC	TEH	.610	RBARD	204	H	
122	95	.49	83	PCT	11	P3	09H	.89			07H	VS3	.580	ZPUMZ	257	H	X60
122	95	.63	65	PCT	13	P5	VS1	-.77			07H	VS3	.580	ZPUMZ	257	H	X60
138	95	.00	0	MAI		P2	02H	-.76		.00	02H	02H	.600	ZPAHZ	336	H	
138	95	.50	47	MAI		P3	02H	-.76		.20	02H	02H	.600	ZPAHZ	336	H	
138	95	.52	114	MAI		P2	02H	.09		.40	02H	02H	.600	ZPAHZ	336	H	
138	95	.89	58	MAI		P3	02H	.09		.40	02H	02H	.600	ZPAHZ	336	H	
150	95	.73	74	PCT	12	P5	VS3	.06			05H	VS3	.580	ZPUMZ	318	H	X75
156	95	.81	66	PCT	12	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	305	H	X75
51	96	1.59	61	PCT	27	P3	VS4	.82			VS4	VS4	.580	ZPUFZ	212	H	
91	96	.82	17	MAI		P3	TSH	-13.37		.10	TSH	TSH	.600	ZPAHZ	94	H	
91	96	.00	0	MAI		P2	TSH	-13.37		.00	TSH	TSH	.600	ZPAHZ	94	H	
91	96	1.14	33	MAI		P2	TSH	-13.08		.50	TSH	TSH	.600	ZPAHZ	94	H	
91	96	2.20	24	MAI		P3	TSH	-13.08		.40	TSH	TSH	.600	ZPAHZ	94	H	
109	96	.53	66	PCT	11	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	250	H	X60
111	96	.68	50	PCT	12	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	253	H	X60
113	96	.80	97	PCT	17	P3	BW1	1.58			07H	VS3	.580	ZPUMZ	257	H	X60
117	96	.56	136	PCT	17	P2	09H	1.57			TEC	TEH	.610	RBARD	205	H	
117	96	.87	57	PCT	16	P3	09H	-1.31			07H	VS3	.580	ZPUMZ	258	H	X60
117	96	1.15	61	PCT	20	P3	09H	1.77			07H	VS3	.580	ZPUMZ	258	H	X60
119	96	.69	79	PCT	13	P3	08H	.82			07H	VS3	.580	ZPUMZ	258	H	X60
119	96	.97	91	PCT	15	P3	09H	-.11			07H	VS3	.580	ZPUMZ	258	H	X60
129	96	.77	70	MAI		P3	08H	16.57		11.00	05H	VS3	.580	ZPUMZ	313	H	X75
129	96	.43	109	MAI		P3	08H	33.59		5.30	05H	VS3	.580	ZPUMZ	313	H	X75
129	96	.71	112	MAI		P2	08H	16.57		10.00	08H	09H	.600	ZPAHZ	332	H	
129	96	.88	131	MAI		P2	08H	33.59		5.30	08H	09H	.600	ZPAHZ	332	H	
133	96	.61	142	PCT	10	P3	09H	-.95			05H	VS3	.580	ZPUMZ	318	H	X75
135	96	.47	138	PCT	15	P2	09H	-.20			TEC	TEH	.610	RBARD	205	H	
135	96	.86	52	PCT	13	P3	09H	-.14			05H	VS3	.580	ZPUMZ	313	H	X75
137	96	1.37	74	PCT	30	P2	VS1	-.92			TEC	TEH	.610	RBARD	205	H	
137	96	1.73	71	PCT	24	P5	VS1	-.85			05H	VS3	.580	ZPUMZ	318	H	DQA
137	96																X75
143	96	.61	57	PCT	10	P5	VS1	.96			05H	VS3	.580	ZPUMZ	313	H	X75
147	96	.87	71	PCT	14	P5	BW1	2.03			05H	VS3	.580	ZPUMZ	313	H	X75
153	96	.50	79	PCT	8	P5	BW1	2.17			06H	VS3	.580	ZPUMZ	313	H	X75
157	96	.45	66	SAI		P3	09H	35.00		6.40	07H	VS3	.580	ZPUMZ	305	H	X75
157	96	.78	60	PCT	13	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	305	H	X75
157	96	.31	65	SAI		P2	09H	35.00		6.00	09H	BW1	.580	ZPUFZ	369	H	
159	96	1.39	142	PCT	28	P2	BW1	-1.78			TEH	TEC	.610	RBARD	118	C	
159	96	2.72	78	PCT	35	P5	BW1	-1.70			07H	VS3	.580	ZPUMZ	305	H	X75
159	96	.64	48	PCT	10	P5	BW1	1.62			07H	VS3	.580	ZPUMZ	305	H	X75
48	97	.74	82	PCT	15	P3	VS4	-1.01			VS4	VS4	.580	ZPUFZ	212	H	
88	97	.30	62	SAI		P2	TSH	-.22		.10	TSH	TSH	.600	ZPAHZ	91	H	
88	97	.71	67	SAI		P3	TSH	-.22		.10	TSH	TSH	.600	ZPAHZ	91	H	
112	97	1.05	55	SVI	18	P5	BW1	3.19		.60	07H	VS3	.580	ZPUMZ	251	H	TTW
112	97																X60
114	97	.45	120	PCT	14	P2	08H	.75			TEC	TEH	.610	RBARD	201	H	
114	97	1.01	67	PCT	17	P3	08H	.81			07H	VS3	.580	ZPUMZ	260	H	X60
122	97	.82	74	PCT	16	P5	VS1	-1.00			07H	VS3	.580	ZPUMZ	257	H	X60
134	97	1.11	88	PCT	19	P3	VS5	-.64			VS5	VS5	.580	ZPUFZ	139	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
138	97	.84	63	PCT	13	P5	VS1	-.89			05H	VS3	.580	ZPUMZ	318	H	X75
142	97	.56	115	PCT	18	P2	VS1	-.85			TEC	TEH	.610	RBARD	204	H	
142	97	1.13	82	PCT	17	P5	VS1	-.84			05H	VS3	.580	ZPUMZ	318	H	DQA
142	97																X75
156	97	.67	87	PCT	19	P2	VS7	.92			TEH	TEC	.610	RBARD	119	C	
156	97	1.05	85	PCT	25	P2	BW2	1.92			TEH	TEC	.610	RBARD	119	C	
156	97	.96	84	PCT	17	P3	VS7	.92			BW2	VS5	.580	ZPUFZ	139	C	
156	97	2.28	81	PCT	32	P3	BW2	2.19			BW2	VS5	.580	ZPUFZ	139	C	
156	97	1.14	67	SVI	19	P3	BW2	3.33		1.90	BW2	VS5	.580	ZPUFZ	139	C	TTW
156	97	.63	67	PCT	10	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	306	H	X75
156	97	.67	104	PCT	11	P5	VS1	.62			07H	VS3	.580	ZPUMZ	306	H	DQA
156	97																X75
43	98	.67	133	PCT	16	P2	VS4	-1.11			TEH	TEC	.610	RBARD	64	C	
43	98	1.18	82	PCT	20	P3	VS4	-1.01			BW2	VS4	.580	ZPUFZ	145	C	
43	98	1.51	65	PCT	24	P3	BW2	1.78			BW2	VS4	.580	ZPUFZ	145	C	
45	98	1.49	77	PCT	24	P3	VS4	-.88			BW2	VS4	.580	ZPUFZ	145	C	
45	98	1.61	86	PCT	25	P3	BW2	-1.77			BW2	VS4	.580	ZPUFZ	145	C	
47	98	.90	77	PCT	18	P3	BW1	1.81			BW1	VS4	.580	ZPUFZ	212	H	
49	98	.20	98	PCT	6	P2	VS4	-.93			TEH	TEC	.610	RBARD	63	C	
49	98	.55	69	PCT	12	P3	VS4	-1.00			VS4	VS4	.580	ZPUFZ	212	H	
111	98	.81	49	PCT	15	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	250	H	X60
113	98	.62	57	PCT	12	P3	BW1	2.03			07H	VS3	.580	ZPUMZ	259	H	X60
115	98	.36	138	PCT	12	P2	08H	-.99			TEC	TEH	.610	RBARD	205	H	
115	98	.29	116	PCT	10	P2	08H	.77			TEC	TEH	.610	RBARD	205	H	
115	98	.97	82	PCT	17	P3	08H	-.93			07H	VS3	.580	ZPUMZ	258	H	X60
115	98	.84	79	PCT	15	P3	08H	.81			07H	VS3	.580	ZPUMZ	258	H	X60
117	98	.50	57	PCT	16	P2	09H	1.67			TEC	TEH	.610	RBARD	205	H	
117	98	.60	89	PCT	12	P3	08H	.83			07H	VS3	.580	ZPUMZ	259	H	X60
121	98	.51	119	PCT	16	P2	08H	.84			TEC	TEH	.610	RBARD	205	H	
121	98	.71	118	PCT	20	P2	VS1	-.90			TEC	TEH	.610	RBARD	205	H	
121	98	.89	69	PCT	15	P3	08H	.99			07H	VS3	.580	ZPUMZ	260	H	X60
121	98	1.53	83	PCT	23	P5	VS1	-.99			07H	VS3	.580	ZPUMZ	260	H	X60
123	98	.69	36	PCT	15	P3	09H	.00			07H	VS3	.580	ZPUMZ	257	H	X60
131	98	.62	103	PCT	18	P2	09H	-1.05			TEC	TEH	.610	RBARD	205	H	
131	98	1.19	39	PCT	21	P3	09H	-1.03			07H	VS3	.580	ZPUMZ	322	H	X75
137	98	.84	105	PCT	15	P3	09H	.84			07H	VS3	.580	ZPUMZ	321	H	X75
139	98	.77	74	PCT	14	P5	VS1	.75			07H	VS3	.580	ZPUMZ	321	H	X75
143	98	.47	124	SAI		P5	VS1	-.79		.40	07H	VS3	.580	ZPUMZ	321	H	X75
143	98	.14	50	SAI		P2	VS1	-.79		.20	VS1	VS1	.580	ZPUFZ	334	H	
155	98	.72	82	PCT	12	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	306	H	DQA
155	98																X75
106	99	.63	91	PCT	12	P5	BW1	2.02			07H	VS3	.580	ZPUMZ	243	H	X60
108	99	.57	55	PCT	11	P3	BW1	1.57			07H	VS3	.580	ZPUMZ	252	H	X60
110	99	.57	77	PCT	11	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	251	H	X60
114	99	.75	86	PCT	16	P3	BW1	1.67			07H	VS3	.580	ZPUMZ	257	H	X60
118	99	.28	24	PCT	9	P2	BW1	1.75			TEC	TEH	.610	RBARD	201	H	
118	99	.61	67	PCT	12	P3	08H	.74			07H	VS3	.580	ZPUMZ	259	H	X60
118	99	.83	86	PCT	16	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	259	H	X60
122	99	.84	67	PCT	16	P5	VS1	.73			07H	VS3	.580	ZPUMZ	259	H	X60
124	99	.39	134	PCT	14	P2	09H	-.26			TEC	TEH	.610	RBARD	204	H	
124	99	.66	65	PCT	12	P3	09H	.92			07H	VS3	.580	ZPUMZ	260	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
126	99	.62	90	PCT	19	P2	09H	.89			TEC	TEH	.610	RBARD	204	H	
126	99	.89	80	PCT	17	P3	09H	.98			07H	VS3	.580	ZPUMZ	317	H	X75
126	99	.72	76	PCT	14	P3	09H	.99			07H	VS3	.580	ZPUMZ	317	H	X75
136	99	.71	68	PCT	13	P5	BW1	2.19			07H	VS3	.580	ZPUMZ	322	H	X75
136	99	.67	58	PCT	13	P5	VS1	-.15			07H	VS3	.580	ZPUMZ	322	H	X75
146	99	.75	81	PCT	14	P3	BW1	1.74			07H	VS3	.580	ZPUMZ	322	H	X75
158	99	1.08	74	PCT	18	P3	02C	.85			02C	02C	.600	ZPAHZ	149	C	
41	100	1.31	13	SVI		P3	TSH	-3.03		.50	TSH	TSH	.600	ZPAHZ	34	H	NC
41	100																VID
99	100	.19	33	SAI		P2	TSH	-.25		.10	TSH	TSH	.600	ZPAHZ	94	H	
99	100	1.06	61	SAI		P3	TSH	-.25		.10	TSH	TSH	.600	ZPAHZ	94	H	
99	100	.88	124	PCT	18	P2	VS2	-.92			TEH	TEC	.610	RBARD	102	C	
99	100	1.11	68	PCT	21	P3	VS2	-.88			VS2	VS2	.580	ZPUFZ	212	H	
107	100	.52	54	PCT	10	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	245	H	X60
109	100	.58	89	PCT	12	P5	BW1	-2.09			07H	VS3	.580	ZPUMZ	250	H	X60
113	100	1.79	124	PCT	34	P2	VS2	-.84			TEC	TEH	.610	RBARD	205	H	
113	100	.40	123	PCT	13	P2	VS3	.82			TEC	TEH	.610	RBARD	205	H	
113	100	2.00	87	PCT	29	P5	VS2	-.82			07H	VS3	.580	ZPUMZ	251	H	X60
113	100	1.09	94	PCT	19	P5	VS3	.98			07H	VS3	.580	ZPUMZ	251	H	X60
115	100	.87	89	PCT	15	P5	VS3	.95			07H	VS3	.580	ZPUMZ	260	H	X60
119	100	1.00	104	PCT	17	P3	09H	-.66			07H	VS3	.580	ZPUMZ	260	H	X60
119	100	.98	94	PCT	17	P3	09H	-.16			07H	VS3	.580	ZPUMZ	260	H	X60
121	100	1.08	44	PCT	26	P2	VS1	-.95			TEC	TEH	.610	RBARD	205	H	
121	100	1.63	67	PCT	25	P5	VS1	-.81			07H	VS3	.580	ZPUMZ	258	H	X60
125	100	.31	104	SAI		P5	VS1	.49		.60	07H	VS3	.580	ZPUMZ	316	H	X75
125	100	.25	70	SAI		P2	VS1	.49		.30	VS1	VS1	.580	ZPUFZ	334	H	
131	100	.36	122	PCT	12	P2	09H	-.16			TEC	TEH	.610	RBARD	201	H	
131	100	.61	89	PCT	12	P5	09H	-.06			09H	VS3	.580	ZPUMZ	323	H	X75
131	100	.62	73	PCT	12	P3	09H	-.05			06H	VS3	.580	ZPUMZ	328	H	X75
133	100	4.19	18	SVI		P3	01C	22.38		.80	01C	02C	.600	ZPAHZ	28	C	PID
133	100																VID
133	100	4.23	8	BID		P1	01C	22.97			TEC	TEH	.610	RBARD	201	H	
133	100	.59	55	PCT	11	P5	VS1	-.86			09H	VS3	.580	ZPUMZ	323	H	X75
133	100	.73	64	PCT	14	P5	VS1	-.86			06H	VS3	.580	ZPUMZ	328	H	X75
139	100	.59	52	PCT	11	P5	BW1	1.82			09H	VS3	.580	ZPUMZ	323	H	X75
139	100	.52	88	SAI		P3	06H	.88		.20	06H	VS3	.580	ZPUMZ	330	H	X75
139	100	.52	45	PCT	11	P5	BW1	1.83			06H	VS3	.580	ZPUMZ	330	H	X75
139	100	.19	18	SAI		P2	06H	.88		.30	06H	06H	.600	ZPAHZ	344	H	
147	100	.71	83	PCT	13	P5	VS1	.93			07H	VS3	.580	ZPUMZ	324	H	X75
159	100	1.27	100	PCT	26	P2	VS7	.73			TEH	TEC	.610	RBARD	118	C	
159	100	1.78	75	PCT	27	P3	VS7	.60			VS7	VS7	.580	ZPUFZ	144	C	
38	101	.95	48	PCT	18	P3	BW1	-1.84			BW1	VS4	.580	ZPUFZ	216	H	
38	101	1.32	86	PCT	23	P3	BW1	1.93			BW1	VS4	.580	ZPUFZ	216	H	
80	101	.49	73	PCT	10	P3	VS5	-.82			VS5	VS5	.580	ZPUFZ	145	C	
108	101	.58	58	PCT	11	P5	VS5	.83			07C	VS5	.580	ZPUMZ	129	C	X60
112	101	.65	47	SVI	14	P5	BW1	3.43		.50	07H	VS3	.580	ZPUMZ	250	H	TTW
112	101																X60
114	101	.38	98	PCT	8	P3	BW1	1.74			07H	VS3	.580	ZPUMZ	259	H	X60
116	101	.87	83	PCT	16	P3	09H	.47			07H	VS3	.580	ZPUMZ	258	H	X60
116	101	.79	90	PCT	15	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	258	H	X60
118	101	1.93	114	PCT	35	P2	07H	.88			TEC	TEH	.610	RBARD	201	H	
118	101	1.49	82	PCT	26	P3	07H	.92			07H	VS3	.580	ZPUMZ	257	H	X60
118	101	1.38	83	PCT	25	P3	07H	.94			07H	VS3	.580	ZPUMZ	257	H	X60
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
120	101	.64	75	PCT	18	P2	07H	.83			TEC	TEH	.610	RBARD	201	H	
120	101	.67	119	PCT	19	P2	09H	.86			TEC	TEH	.610	RBARD	201	H	
120	101	.61	115	PCT	12	P3	07H	.81			07H	VS3	.580	ZPUMZ	259	H	X60
120	101	1.14	66	PCT	21	P3	09H	.88			07H	VS3	.580	ZPUMZ	259	H	X60
120	101	.78	42	PCT	15	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	259	H	X60
124	101	.64	49	PCT	12	P3	08H	.68			07H	VS3	.580	ZPUMZ	259	H	X60
124	101	.63	83	PCT	12	P3	09H	.93			07H	VS3	.580	ZPUMZ	259	H	X60
126	101	.70	78	PCT	13	P3	09H	.98			07H	VS3	.580	ZPUMZ	317	H	X75
128	101	.31	86	SAI		P5	VS1	-.80		.30	07H	VS3	.580	ZPUMZ	322	H	X75
128	101	.34	51	SAI		P2	VS1	-.80		.20	VS1	VS1	.580	ZPUFZ	334	H	
51	102	.17	8	SAI		P2	TSH	-1.43		.30	TSH	TSH	.600	ZPAHZ	34	H	
51	102	.93	24	SAI		P3	TSH	-1.43		.20	TSH	TSH	.600	ZPAHZ	34	H	
61	102	.00	0	SCI		P2	TSH	.08		.00	TSH	TSH	.600	ZPAHZ	35	H	
61	102	.15	65	SCI		P4	TSH	.08		.30	TSH	TSH	.600	ZPAHZ	35	H	
101	102	1.37	64	SAI		P5	VS6	.19		.50	07C	VS5	.580	ZPUMZ	130	C	X60
101	102	.00	0	SAI		P2	VS6	.19		.00	VS6	VS6	.580	ZPUFZ	143	C	
107	102	.61	67	PCT	11	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	242	H	X60
111	102	.94	98	PCT	17	P5	BW1	2.13			07H	VS3	.580	ZPUMZ	251	H	X60
113	102	.51	75	PCT	11	P3	08H	.89			07H	VS3	.580	ZPUMZ	253	H	X60
113	102	.68	70	PCT	13	P3	BW1	-1.86			07H	VS3	.580	ZPUMZ	253	H	X60
115	102	.74	83	PCT	16	P3	BW1	-1.90			07H	VS3	.580	ZPUMZ	257	H	X60
117	102	.92	130	PCT	24	P2	09H	1.49			TEC	TEH	.610	RBARD	205	H	
117	102	.62	95	PCT	13	P3	08H	-.08			07H	VS3	.580	ZPUMZ	257	H	X60
119	102	.71	60	PCT	13	P3	09H	.92			07H	VS3	.580	ZPUMZ	258	H	X60
121	102	.58	98	SVI		P3	01H	10.79		.30	01H	02H	.600	ZPAHZ	125	H	NC
121	102																PIT
121	102	.70	97	PCT	20	P2	08H	-.12			TEC	TEH	.610	RBARD	205	H	
121	102	1.11	71	PCT	19	P3	08H	-.20			07H	VS3	.580	ZPUMZ	260	H	X60
121	102	.69	90	PCT	12	P5	VS1	-.91			07H	VS3	.580	ZPUMZ	260	H	X60
127	102	.74	33	PCT	13	P3	09H	-.88			07H	VS3	.580	ZPUMZ	321	H	X75
129	102	.35	149	PCT	12	P2	08H	.79			TEC	TEH	.610	RBARD	201	H	
129	102	.82	86	PCT	14	P3	08H	.83			07H	VS3	.580	ZPUMZ	321	H	X75
133	102	.53	36	PCT	11	P5	VS1	-.76			07H	VS3	.580	ZPUMZ	322	H	X75
139	102	.62	90	PCT	18	P2	VS1	-.97			TEC	TEH	.610	RBARD	201	H	
139	102	1.13	82	PCT	20	P5	VS1	-.93			07H	VS3	.580	ZPUMZ	322	H	X75
141	102	.62	87	PCT	12	P5	BW1	-2.13			07H	VS3	.580	ZPUMZ	322	H	X75
157	102	1.76	82	PCT	26	P3	VS7	-.59			BW2	VS5	.580	ZPUFZ	144	C	
157	102	1.12	72	SVI	19	P3	BW2	.17		1.91	BW2	VS5	.580	ZPUFZ	144	C	WEAR
157	102	.57	68	PCT	10	P3	BW1	-1.47			07H	VS3	.580	ZPUMZ	310	H	X75
112	103	.67	79	PCT	12	P3	BW1	2.06			07H	VS3	.580	ZPUMZ	252	H	X60
114	103	.72	96	PCT	20	P2	08H	-.93			TEC	TEH	.610	RBARD	201	H	
114	103	1.21	101	PCT	19	P3	08H	-.89			07H	VS3	.580	ZPUMZ	251	H	X60
114	103	.84	77	PCT	16	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	251	H	X60
116	103	.66	94	PCT	19	P2	09H	1.12			TEC	TEH	.610	RBARD	201	H	
116	103	1.49	78	PCT	23	P3	09H	1.22			07H	VS3	.580	ZPUMZ	260	H	X60
118	103	.38	97	PCT	12	P2	08H	-1.07			TEC	TEH	.610	RBARD	201	H	
118	103	1.13	79	PCT	19	P3	08H	-.94			07H	VS3	.580	ZPUMZ	258	H	X60
122	103	.54	59	PCT	11	P5	VS1	.07			07H	VS3	.580	ZPUMZ	257	H	X60
124	103	.62	118	PCT	18	P2	09H	-.16			TEC	TEH	.610	RBARD	201	H	
124	103	1.16	47	PCT	21	P3	09H	-.16			07H	VS3	.580	ZPUMZ	259	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
128	103	.48	81	PCT	10	P3	08H	-.12			07H	VS3	.580	ZPUMZ	322	H	X75
130	103	.45	63	PCT	14	P2	09H	.98			TEC	TEH	.610	RBARD	205	H	
130	103	.61	57	PCT	12	P5	09H	.94			09H	VS3	.580	ZPUMZ	323	H	X75
130	103	.66	85	PCT	12	P3	09H	.87			06H	VS3	.580	ZPUMZ	330	H	RBI
130	103																X75
136	103	.40	91	SAI		P3	06H	.81		.30	06H	VS3	.580	ZPUMZ	330	H	X75
136	103	.19	16	SAI		P2	06H	.81		.20	06H	06H	.600	ZPAHZ	344	H	
146	103	.52	92	MAI		P3	02H	-.43		.40	02H	02H	.600	ZPAHZ	336	H	
146	103	.47	91	MAI		P2	02H	-.43		.50	02H	02H	.600	ZPAHZ	336	H	
146	103	.00	0	MAI		P2	02H	.77		.00	02H	02H	.600	ZPAHZ	336	H	
146	103	.64	72	MAI		P3	02H	.77		.20	02H	02H	.600	ZPAHZ	336	H	
150	103	.85	89	PCT	15	P3	09H	-1.05			07H	VS3	.580	ZPUMZ	326	H	X75
154	103	.53	56	PCT	16	P2	VS7	-.78			TEH	TEC	.610	RBARD	119	C	
154	103	.89	68	PCT	16	P3	VS7	-.79			VS7	VS7	.580	ZPUFZ	144	C	
154	103	.62	127	PCT	12	P3	09H	.88			07H	VS3	.580	ZPUMZ	327	H	X75
154	103	.41	69	SAI		P5	BW1	1.95		.50	07H	VS3	.580	ZPUMZ	327	H	X75
154	103	.00	0	SAI		P2	BW1	1.95		.00	BW1	BW1	.580	ZPUFZ	361	H	
156	103	1.02	71	PCT	17	P3	02C	-.95			02C	02C	.600	ZPAHZ	149	C	
158	103	.66	79	PCT	12	P5	VS1	-1.00			07H	VS3	.580	ZPUMZ	310	H	X75
113	104	1.32	98	PCT	25	P2	VS2	-.90			TEH	TEC	.610	RBARD	152	C	
113	104	1.86	80	PCT	29	P5	VS2	-.90			07H	VS3	.580	ZPUMZ	250	H	X60
117	104	1.02	102	PCT	21	P2	09H	1.62			TEH	TEC	.610	RBARD	152	C	
117	104	.73	89	PCT	13	P5	BW1	2.07			07H	VS3	.580	ZPUMZ	258	H	X60
121	104	.76	131	PCT	17	P2	VS1	-.86			TEH	TEC	.610	RBARD	152	C	
121	104	.83	26	PCT	16	P3	VS5	-.95			VS5	VS5	.580	ZPUFZ	159	C	
121	104	1.36	49	PCT	24	P5	VS1	-.85			07H	VS3	.580	ZPUMZ	259	H	X60
121	104	.00	0	SAI		P2	02H	.50		.00	02H	02H	.600	ZPAHZ	336	H	
121	104	.55	52	SAI		P3	02H	.50		.30	02H	02H	.600	ZPAHZ	336	H	
123	104	.81	63	PCT	16	P5	VS1	-1.05			07H	VS3	.580	ZPUMZ	257	H	X60
125	104	.82	64	PCT	16	P3	09H	-.96			07H	VS3	.580	ZPUMZ	316	H	X75
131	104	.73	97	PCT	13	P3	09H	-.07			07H	VS3	.580	ZPUMZ	321	H	X75
143	104	.58	78	PCT	11	P5	VS3	-1.08			07H	VS3	.580	ZPUMZ	322	H	X75
143	104	.77	73	PCT	15	P5	VS3	.77			07H	VS3	.580	ZPUMZ	322	H	X75
145	104	.47	88	PCT	15	P2	VS1	-.79			TEC	TEH	.610	RBARD	205	H	
145	104	.54	97	PCT	11	P5	VS1	-.77			07H	VS3	.580	ZPUMZ	322	H	X75
147	104	.57	58	PCT	11	P5	BW1	2.13			07H	VS3	.580	ZPUMZ	322	H	X75
149	104	.80	63	MAI		P3	02H	-.52		.20	02H	02H	.600	ZPAHZ	336	H	
149	104	.45	135	MAI		P2	02H	-.52		.40	02H	02H	.600	ZPAHZ	336	H	
149	104	.49	113	MAI		P3	04H	.09		.30	04H	04H	.600	ZPAHZ	336	H	
149	104	.59	122	MAI		P2	04H	.09		.40	04H	04H	.600	ZPAHZ	336	H	
151	104	.59	102	PCT	11	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	327	H	X75
151	104	.62	72	PCT	11	P5	VS1	-.16			07H	VS3	.580	ZPUMZ	327	H	X75
159	104	2.35	71	PCT	32	P3	VS7	-.10			BW2	VS5	.580	ZPUFZ	144	C	
159	104	2.36	75	PCT	32	P3	BW2	-1.80			BW2	VS5	.580	ZPUFZ	144	C	
82	105	.85	127	PCT	19	P2	VS5	-.78			TEH	TEC	.610	RBARD	104	C	
82	105	.52	51	SVI		P3	04H	14.03		.20	04H	05H	.600	ZPAHZ	127	H	NC
82	105																PIT
82	105	.94	81	PCT	17	P3	VS5	-.90			VS5	VS5	.580	ZPUFZ	145	C	
102	105	.46	113	PCT	9	P5	BW1	2.01			07H	VS3	.580	ZPUMZ	244	H	X60
114	105	1.20	84	PCT	21	P3	BW1	2.11			07H	VS3	.580	ZPUMZ	253	H	X60
116	105	.39	140	PCT	13	P2	09H	1.21			TEC	TEH	.610	RBARD	201	H	
116	105	1.10	81	PCT	21	P3	09H	1.29			07H	VS3	.580	ZPUMZ	257	H	X60
118	105	.37	106	PCT	13	P2	BW1	2.06			TEC	TEH	.610	RBARD	197	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
118	105	1.06	79	PCT	21	P3	BW1	2.10			07H	VS3	.580	ZPUMZ	257	H	X60
122	105	.77	79	PCT	13	P5	VS1	-.13			07H	VS3	.580	ZPUMZ	260	H	X60
126	105	.55	110	PCT	17	P2	09H	-.18			TEC	TEH	.610	RBARD	197	H	
126	105	.79	69	PCT	15	P3	09H	-.09			07H	VS3	.580	ZPUMZ	317	H	X75
130	105	.37	82	PCT	13	P2	09H	-.18			TEC	TEH	.610	RBARD	197	H	
130	105	1.02	51	PCT	18	P3	09H	-.08			07H	VS3	.580	ZPUMZ	323	H	X75
134	105	.54	75	PCT	11	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	322	H	X75
142	105	1.21	78	PCT	20	P5	BW1	1.64			07H	VS3	.580	ZPUMZ	324	H	X75
148	105	.42	96	MAI		P3	04H	.36		.20	04H	04H	.600	ZPAHZ	336	H	
148	105	.00	0	MAI		P2	04H	.36		.00	04H	04H	.600	ZPAHZ	336	H	
148	105	.54	49	MAI		P3	04H	.71		.20	04H	04H	.600	ZPAHZ	336	H	
148	105	.24	128	MAI		P2	04H	.71		.20	04H	04H	.600	ZPAHZ	336	H	
152	105	.55	82	PCT	11	P5	BW1	1.72			07H	VS3	.580	ZPUMZ	326	H	X75
154	105	.72	62	PCT	20	P2	VS1	-.94			TEH	TEC	.610	RBARD	119	C	
154	105	1.12	70	PCT	19	P5	VS1	-.94			07H	VS3	.580	ZPUMZ	327	H	X75
107	106	.88	67	PCT	16	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	243	H	X60
115	106	1.07	81	PCT	19	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	251	H	X60
117	106	.61	57	PCT	11	P3	08H	-.13			07H	VS3	.580	ZPUMZ	263	H	X60
117	106	.74	73	PCT	13	P3	08H	.77			07H	VS3	.580	ZPUMZ	263	H	X60
121	106	.82	33	PCT	14	P3	08H	-.91			07H	VS3	.580	ZPUMZ	260	H	X60
121	106	1.21	37	PCT	19	P5	VS2	-.96			07H	VS3	.580	ZPUMZ	260	H	X60
123	106	.59	74	PCT	11	P3	08H	.77			07H	VS3	.580	ZPUMZ	263	H	X60
123	106	.62	77	PCT	12	P3	08H	.83			07H	VS3	.580	ZPUMZ	263	H	X60
131	106	1.06	66	PCT	19	P3	09H	.96			07H	VS3	.580	ZPUMZ	322	H	X75
139	106	1.29	67	PCT	22	P5	BW1	-2.04			07H	VS3	.580	ZPUMZ	322	H	X75
149	106	.47	75	PCT	10	P5	VS1	.90			07H	VS3	.580	ZPUMZ	326	H	X75
157	106	.55	68	PCT	9	P3	BW1	-1.93			07H	VS3	.580	ZPUMZ	310	H	X75
40	107	.74	69	PCT	15	P3	VS4	-.82			VS4	VS4	.580	ZPUFZ	212	H	
96	107	.52	70	MAI		P3	VS5	-.66		.20	VS5	VS5	.580	ZPUFZ	144	C	
96	107	.00		MAI		P2	VS5	-.66		.00	VS5	VS5	.580	ZPUFZ	144	C	
96	107	.52	122	MAI		P3	VS6	-.96		.30	VS6	VS6	.580	ZPUFZ	144	C	
96	107	.38	58	MAI		P2	VS6	-.96		.30	VS6	VS6	.580	ZPUFZ	144	C	
102	107	.53	62	PCT	10	P3	BW1	1.68			07H	VS3	.580	ZPUMZ	243	H	X60
106	107	1.00	41	PCT	17	P5	BW1	-2.03			07H	VS3	.580	ZPUMZ	242	H	X60
110	107	1.16	79	PCT	20	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	243	H	X60
118	107	.51	123	PCT	15	P2	09H	1.70			TEC	TEH	.610	RBARD	201	H	
118	107	.90	71	PCT	17	P3	09H	1.59			07H	VS3	.580	ZPUMZ	259	H	X60
122	107	.47	134	PCT	15	P2	09H	.79			TEC	TEH	.610	RBARD	201	H	
122	107	.85	36	PCT	16	P3	09H	-.91			07H	VS3	.580	ZPUMZ	265	H	X60
122	107	.91	52	PCT	17	P3	09H	.90			07H	VS3	.580	ZPUMZ	265	H	X60
122	107	.83	61	PCT	15	P5	VS1	.35			07H	VS3	.580	ZPUMZ	265	H	X60
124	107	.61	91	PCT	13	P3	09H	-.08			07H	VS3	.580	ZPUMZ	264	H	X60
126	107	.89	70	PCT	16	P3	09H	.98			07H	VS3	.580	ZPUMZ	317	H	X75
128	107	1.04	76	PCT	19	P3	09H	-.12			07H	VS3	.580	ZPUMZ	317	H	X75
128	107	1.82	79	MAI		P3	02H	-.59		.50	02H	02H	.600	ZPAHZ	336	H	
128	107	.99	113	MAI		P2	02H	-.59		.50	02H	02H	.600	ZPAHZ	336	H	
128	107	.00	0	MAI		P2	02H	.66		.00	02H	02H	.600	ZPAHZ	336	H	
128	107	.36	102	MAI		P3	02H	.66		.20	02H	02H	.600	ZPAHZ	336	H	
128	107	3.42	72	MAI		P3	03H	-.50		1.30	03H	03H	.600	ZPAHZ	336	H	
128	107	1.95	85	MAI		P2	03H	-.50		1.20	03H	03H	.600	ZPAHZ	336	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
128	107	1.10	77	MAI		P3	03H	.38		.40	03H	03H	.600	ZPAHZ	336	H	
128	107	.47	88	MAI		P2	03H	.38		.40	03H	03H	.600	ZPAHZ	336	H	
128	107	.21	46	MAI		P2	05H	-.80		.20	05H	05H	.600	ZPAHZ	336	H	
128	107	.41	101	MAI		P3	05H	-.80		.20	05H	05H	.600	ZPAHZ	336	H	
128	107	.47	90	MAI		P3	05H	-.46		.20	05H	05H	.600	ZPAHZ	336	H	
128	107	.31	66	MAI		P2	05H	-.46		.20	05H	05H	.600	ZPAHZ	336	H	
128	107	1.23	77	MAI		P3	05H	-.08		.40	05H	05H	.600	ZPAHZ	336	H	
128	107	.64	72	MAI		P2	05H	-.08		.40	05H	05H	.600	ZPAHZ	336	H	
154	107	.70	60	PCT	13	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	328	H	X75
105	108	.98	88	PCT	17	P5	BW1	2.25			07H	VS3	.580	ZPUMZ	251	H	X60
107	108	1.07	39	PCT	18	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	245	H	X60
109	108	.66	100	PCT	12	P5	BW1	2.23			07H	VS3	.580	ZPUMZ	242	H	X60
111	108	.55	88	PCT	11	P5	BW1	-2.18			07H	VS3	.580	ZPUMZ	252	H	X60
113	108	.97	79	PCT	17	P5	BW1	-1.98			07H	VS3	.580	ZPUMZ	251	H	X60
115	108	1.05	54	PCT	18	P3	VS5	-.64			VS5	VS5	.580	ZPUFZ	144	C	
115	108	1.52	68	PCT	24	P3	VS6	.79			VS6	VS6	.580	ZPUFZ	144	C	
115	108	.45	145	PCT	15	P2	VS3	-.75			TEC	TEH	.610	RBARD	204	H	
115	108	.67	136	PCT	20	P2	VS5	-.81			TEC	TEH	.610	RBARD	204	H	
115	108	.83	75	PCT	16	P3	BW1	2.11			07H	VS3	.580	ZPUMZ	253	H	X60
115	108	1.10	60	PCT	18	P5	VS3	-.69			07H	VS3	.580	ZPUMZ	253	H	X60
117	108	1.56	94	PCT	28	P2	09H	1.47			TEH	TEC	.610	RBARD	152	C	
117	108	.93	89	PCT	19	P3	07H	.90			07H	VS3	.580	ZPUMZ	257	H	X60
117	108	1.29	50	PCT	24	P3	08H	.87			07H	VS3	.580	ZPUMZ	257	H	X60
117	108	.64	75	PCT	14	P3	09H	1.27			07H	VS3	.580	ZPUMZ	257	H	X60
117	108	1.33	72	PCT	23	P5	BW1	2.25			07H	VS3	.580	ZPUMZ	257	H	X60
119	108	.63	57	PCT	11	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	260	H	X60
127	108	1.13	50	PCT	20	P3	09H	-.07			07H	VS3	.580	ZPUMZ	316	H	X75
131	108	.88	86	PCT	16	P3	09H	-.14			07H	VS3	.580	ZPUMZ	317	H	X75
151	108	.77	73	PCT	14	P3	BW1	1.90			07H	VS3	.580	ZPUMZ	324	H	X75
153	108	1.11	60	PCT	17	P3	02C	.92			02C	02C	.600	ZPAHZ	26	C	
153	108	.70	56	PCT	23	P2	02C	.92			TEC	TEH	.610	RBARD	208	H	
153	108	.86	72	PCT	16	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	328	H	X75
153	108	.90	68	SAI		P2	02H	-.88		.60	02H	02H	.600	ZPAHZ	336	H	
153	108	.41	90	SAI		P3	02H	-.88		.30	02H	02H	.600	ZPAHZ	336	H	
157	108	.68	51	PCT	11	P3	BW1	1.56			07H	VS3	.580	ZPUMZ	310	H	X75
32	109	1.39	108	SVI		P3	06H	21.06		1.50	06H	BW1	.580	ZPUFZ	225	H	PID
32	109																VOL
32	109	1.98	156	SVI		P3	06H	29.54		.50	06H	BW1	.580	ZPUFZ	225	H	VOL
36	109	.51	113	PCT	16	P2	VS4	-.91			TEH	TEC	.610	RBARD	53	C	
36	109	.88	90	PCT	17	P3	VS4	-1.16			VS4	VS4	.580	ZPUFZ	212	H	
42	109	.35	29	MCI		P4	TSH	-13.77		.20	TSH	TSH	.600	ZPAHZ	22	H	
42	109	.46	21	MCI		P2	TSH	-13.77		.30	TSH	TSH	.600	ZPAHZ	22	H	
42	109	.58	18	MCI		P2	TSH	-13.19		.30	TSH	TSH	.600	ZPAHZ	22	H	
42	109	.46	26	MCI		P4	TSH	-13.19		.20	TSH	TSH	.600	ZPAHZ	22	H	
108	109	.98	85	PCT	17	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	243	H	X60
112	109	.53	90	PCT	11	P5	BW1	-1.77			07H	VS3	.580	ZPUMZ	250	H	X60
112	109	.43	103	PCT	9	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	250	H	X60
112	109	.53	76	SVI	12	P5	BW1	3.53		.90	07H	VS3	.580	ZPUMZ	250	H	TTW
112	109																X60
130	109	.48	62	PCT	16	P2	09H	-.18			TEC	TEH	.610	RBARD	197	H	
130	109	.84	73	PCT	16	P3	09H	-.06			07H	VS3	.580	ZPUMZ	316	H	X75
150	109	.63	113	PCT	13	P5	VS1	-.85			07H	VS3	.580	ZPUMZ	326	H	X75
154	109	1.23	99	PCT	28	P2	VS3	.85			TEH	TEC	.610	RBARD	119	C	
154	109	1.06	68	PCT	18	P3	VS7	-.58			BW2	VS5	.580	ZPUFZ	144	C	
154	109	.89	76	PCT	16	P3	VS7	.14			BW2	VS5	.580	ZPUFZ	144	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
154	109	1.18	66	PCT	20	P3	BW2	1.86			BW2	VS5	.580	ZPUFZ	144	C	
154	109	1.86	74	PCT	29	P5	VS3	1.00			07H	VS3	.580	ZPUMZ	328	H	X75
156	109	.68	54	PCT	20	P2	VS1	-.71			TEH	TEC	.610	RBARD	119	C	
156	109	1.02	95	PCT	25	P2	VS7	.95			TEH	TEC	.610	RBARD	119	C	
156	109	1.73	68	PCT	26	P3	VS7	-.91			VS7	VS7	.580	ZPUFZ	144	C	
156	109	1.12	70	PCT	19	P3	VS7	.86			VS7	VS7	.580	ZPUFZ	144	C	
156	109	.54	80	PCT	9	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	310	H	X75
156	109	.87	63	PCT	15	P5	VS1	-1.18			07H	VS3	.580	ZPUMZ	310	H	X75
156	109	.83	50	PCT	14	P5	VS3	-1.06			07H	VS3	.580	ZPUMZ	310	H	X75
81	110	.78	79	PCT	16	P3	VS3	-.79			VS3	VS3	.580	ZPUFZ	212	H	
105	110	.68	50	PCT	13	P5	BW1	-2.23			BW1	VS3	.580	ZPUMZ	243	H	X60
107	110	.75	49	PCT	14	P5	BW1	1.97			07H	VS3	.580	ZPUMZ	242	H	X60
109	110	.43	135	PCT	12	P2	BW1	2.00			TEH	TEC	.610	RBARD	103	C	
109	110	1.24	92	PCT	23	P3	BW1	1.92			07H	VS3	.580	ZPUMZ	244	H	X60
111	110	.77	79	PCT	14	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	243	H	X60
115	110	.42	44	PCT	11	P2	BW1	1.94			TEH	TEC	.610	RBARD	152	C	
115	110	1.45	84	PCT	24	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	250	H	X60
117	110	.90	69	PCT	16	P3	BW2	-1.66			BW2	VS5	.580	ZPUFZ	144	C	
119	110	.65	46	PCT	15	P2	09H	.96			TEH	TEC	.610	RBARD	152	C	
119	110	.96	78	PCT	18	P3	09H	.79			07H	VS3	.580	ZPUMZ	265	H	X60
121	110	.35	23	PCT	9	P2	VS2	-.80			TEH	TEC	.610	RBARD	152	C	
121	110	.59	43	PCT	11	P3	08H	.89			07H	VS3	.580	ZPUMZ	263	H	X60
121	110	1.14	68	PCT	21	P5	VS1	-1.02			07H	VS3	.580	ZPUMZ	263	H	X60
125	110	.46	56	PCT	9	P5	VS2	.70			07H	VS3	.580	ZPUMZ	316	H	X75
127	110	.78	63	PCT	14	P3	09H	-1.02			07H	VS3	.580	ZPUMZ	315	H	X75
131	110	.91	98	MAI		P2	02H	.67		.40	02H	02H	.600	ZPAHZ	336	H	
131	110	1.10	73	MAI		P3	02H	.67		.30	02H	02H	.600	ZPAHZ	336	H	
131	110	.48	126	MAI		P2	05H	-.92		.40	05H	05H	.600	ZPAHZ	336	H	
131	110	.62	63	MAI		P3	05H	-.92		.40	05H	05H	.600	ZPAHZ	336	H	
131	110	.63	70	MAI		P3	05H	-.28		.20	05H	05H	.600	ZPAHZ	336	H	
131	110	.00	0	MAI		P2	05H	-.28		.00	05H	05H	.600	ZPAHZ	336	H	
135	110	.85	76	PCT	15	P3	09H	-.78			07H	VS3	.580	ZPUMZ	315	H	X75
141	110	.88	58	PCT	17	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	326	H	X75
153	110	.55	97	PCT	11	P3	BW1	-1.96			07H	VS3	.580	ZPUMZ	328	H	X75
153	110	.79	78	PCT	15	P3	BW1	1.66			07H	VS3	.580	ZPUMZ	328	H	X75
72	111	5.13	6	BID		P1	01H	13.63			TEH	TEC	.610	RBARD	77	C	
72	111	3.92	5	BID		P1	05H	3.31			TEH	TEC	.610	RBARD	77	C	
72	111	3.45	4	BID		P1	VS3	31.37			TEH	TEC	.610	RBARD	77	C	
72	111	1.67	13	MVI		P3	02H	-1.88		.20	02H	02H	.600	ZPAHZ	127	H	NC
72	111																VID
72	111	.67	20	MVI		P3	05H	3.36		.30	05H	06H	.600	ZPAHZ	127	H	NC
72	111																VID
76	111	.40	45	SAI		P2	TSH	-.23		.10	TSH	TSH	.600	ZPAHZ	18	H	
76	111	.87	59	SAI		P3	TSH	-.23		.20	TSH	TSH	.600	ZPAHZ	18	H	
80	111	.58	78	PCT	12	P3	VS3	-.83			BW1	VS3	.580	ZPUFZ	212	H	
96	111	.86	84	SAI		P5	VS6	-.17		.30	07C	VS5	.580	ZPUMZ	124	C	X45
96	111	.00	0	SAI		P2	VS6	-.17		.00	VS6	VS6	.580	ZPUFZ	143	C	
104	111	.52	79	PCT	10	P5	BW1	2.19			07H	VS3	.580	ZPUMZ	242	H	X60
108	111	.82	51	PCT	15	P5	BW1	2.11			07H	VS3	.580	ZPUMZ	245	H	X60
112	111	.70	60	PCT	13	P5	BW1	-1.87			07H	VS3	.580	ZPUMZ	245	H	X60
116	111	.77	85	PCT	15	P5	BW1	2.04			07H	VS3	.580	ZPUMZ	263	H	X60
118	111	1.02	90	PCT	20	P3	09H	.49			07H	VS3	.580	ZPUMZ	264	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
154	111	.75	92	PCT	14	P5	VS1	-.16			07H	VS3	.580	ZPUMZ	328	H	X75
154	111	.53	38	PCT	10	P5	VS1	.83			07H	VS3	.580	ZPUMZ	328	H	X75
49	112	.75	21	SAI		P3	TSH	-.78		.20	TSH	TSH	.600	ZPAHZ	17	H	
49	112	.21	17	SAI		P2	TSH	-.78		.20	TSH	TSH	.600	ZPAHZ	17	H	
49	112	.19	7	SAI		P2	TSH	-.55		.20	TSH	TSH	.600	ZPAHZ	17	H	
49	112	.41	19	SAI		P3	TSH	-.55		.20	TSH	TSH	.600	ZPAHZ	17	H	
95	112	2.43	1	BID		P1	02H	6.05			TEH	TEC	.610	RBARD	104	C	
95	112	.39	7	SVI		P3	02H	6.24		.20	02H	03H	.600	ZPAHZ	127	H	NC
95	112																VID
101	112	.64	70	PCT	12	P5	VS6	.86			07C	VS5	.580	ZPUMZ	129	C	X60
101	112	.74	52	PCT	14	P5	VS2	-1.03			07H	VS3	.580	ZPUMZ	244	H	X60
103	112	.57	72	PCT	11	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	243	H	X60
109	112	.77	77	PCT	14	P5	BW1	1.71			07H	VS3	.580	ZPUMZ	243	H	X60
111	112	2.43	87	PCT	34	P2	VS3	.94			TEH	TEC	.610	RBARD	104	C	
111	112	.70	67	PCT	10	P5	BW2	1.66			07C	VS5	.580	ZPUMZ	130	C	X60
111	112	2.18	79	PCT	32	P5	VS3	.94			07H	VS3	.580	ZPUMZ	244	H	X60
115	112	.79	90	PCT	15	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	253	H	X60
117	112	.52	70	PCT	17	P2	09H	1.07			TEC	TEH	.610	RBARD	190	H	
117	112	.66	97	PCT	13	P3	09H	1.05			07H	VS3	.580	ZPUMZ	263	H	X60
119	112	.54	75	PCT	11	P3	09H	-.08			07H	VS3	.580	ZPUMZ	265	H	X60
121	112	1.50	15	BID		P1	04C	14.54			TEC	TEH	.610	RBARD	197	H	
121	112	1.18	85	PCT	20	P3	09H	.90			07H	VS3	.580	ZPUMZ	263	H	X60
121	112	.72	69	PCT	15	P5	VS1	.88			07H	VS3	.580	ZPUMZ	263	H	X60
125	112	.70	85	SAI		P5	VS7	-.87		.30	07C	VS5	.580	ZPUMZ	137	C	X75
125	112	.00	0	SAI		P2	VS7	-.87		.00	VS7	VS7	.580	ZPUFZ	143	C	
125	112	.58	67	PCT	11	P5	VS1	-.90			07H	VS3	.580	ZPUMZ	316	H	X75
133	112	.89	95	PCT	16	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	316	H	X75
143	112	.63	76	PCT	13	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	326	H	X75
155	112	1.03	87	PCT	16	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	310	H	X75
28	113	.77	64	SCI		P2	TSH	-10.57		.40	TSH	TSH	.600	ZPAHZ	22	H	
28	113	.50	58	SCI		P4	TSH	-10.57		.30	TSH	TSH	.600	ZPAHZ	22	H	
48	113	1.72	108	PCT	32	P2	VS4	.99			TEH	TEC	.610	RBARD	67	C	
48	113	2.13	56	PCT	33	P3	VS4	1.00			VS4	VS4	.580	ZPUFZ	212	H	
82	113	.86	117	PCT	19	P2	VS5	.97			TEH	TEC	.610	RBARD	104	C	
82	113	.92	88	PCT	17	P3	VS5	.86			VS5	VS5	.580	ZPUFZ	145	C	
82	113	.68	76	PCT	14	P3	VS3	-.93			VS3	VS3	.580	ZPUFZ	212	H	
100	113	.67	73	PCT	12	P5	BW1	2.25			07H	VS3	.580	ZPUMZ	245	H	X60
102	113	15.53	14	BID		P1	VS2	8.30			TEH	TEC	.610	RBARD	104	C	
110	113	.54	59	PCT	10	P5	BW1	2.19			07H	VS3	.580	ZPUMZ	245	H	X60
112	113	.39	93	PCT	10	P2	BW1	1.87			TEH	TEC	.610	RBARD	104	C	
112	113	.54	88	PCT	10	P5	BW1	-2.17			07H	VS3	.580	ZPUMZ	242	H	X60
112	113	1.46	77	PCT	23	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	242	H	X60
114	113	.81	66	PCT	15	P3	BW1	-2.18			07H	VS3	.580	ZPUMZ	252	H	X60
116	113	.90	71	PCT	16	P5	BW1	1.71			07H	VS3	.580	ZPUMZ	251	H	X60
118	113	.39	122	PCT	13	P2	BW1	-2.09			TEC	TEH	.610	RBARD	191	H	
118	113	1.36	84	PCT	24	P5	BW1	-2.12			07H	VS3	.580	ZPUMZ	264	H	X60
122	113	1.10	78	PCT	19	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	264	H	X60
126	113	.42	49	PCT	13	P2	09H	-.14			TEC	TEH	.610	RBARD	193	H	
126	113	1.09	84	PCT	19	P3	09H	-.10			07H	VS3	.580	ZPUMZ	317	H	X75

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
134	113	.74	113	PCT	15	P5	BW1	1.57			07H	VS3	.580	ZPUMZ	315	H	X75
150	113	.75	56	PCT	15	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	326	H	X75
152	113	.81	102	PCT	15	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	327	H	X75
83	114	.28	34	MCI		P4	TSH	-15.19		.20	TSH	TSH	.600	ZPAHZ	94	H	
83	114	.35	67	MCI		P2	TSH	-15.19		.20	TSH	TSH	.600	ZPAHZ	94	H	
83	114	2.13	52	SAI		P3	TSH	-.28		.10	TSH	TSH	.600	ZPAHZ	94	H	
83	114	.00	0	SAI		P2	TSH	-.28		.00	TSH	TSH	.600	ZPAHZ	94	H	
83	114	2.35	35	MCI		P2	TEH	.18		.50	TEH	TSH	.600	ZPAHZ	111	H	
83	114	1.88	31	MCI		P4	TEH	.18		.50	TEH	TSH	.600	ZPAHZ	111	H	
95	114	1.05	28	SCI		P2	TSH	-10.46		.40	TSH	TSH	.600	ZPAHZ	94	H	
95	114	.78	27	SCI		P4	TSH	-10.46		.30	TSH	TSH	.600	ZPAHZ	94	H	
101	114	1.02	78	PCT	18	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	243	H	X60
103	114	.52	97	PCT	10	P5	BW1	-1.85			07H	VS3	.580	ZPUMZ	245	H	X60
109	114	.61	97	PCT	16	P2	BW1	1.90			TEH	TEC	.610	RBARD	103	C	
109	114	1.23	70	PCT	22	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	244	H	X60
111	114	1.16	140	PCT	23	P2	VS5	-.83			TEH	TEC	.610	RBARD	104	C	
111	114	1.62	67	PCT	25	P3	VS5	-.69			VS5	VS5	.580	ZPUFZ	144	C	
111	114	.99	46	PCT	18	P5	VS2	.00			07H	VS3	.580	ZPUMZ	243	H	X60
113	114	.46	115	PCT	15	P2	08H	.79			TEC	TEH	.610	RBARD	190	H	
113	114	1.07	71	PCT	19	P3	08H	.79			07H	VS3	.580	ZPUMZ	250	H	X60
113	114	.96	69	PCT	18	P5	BW1	-1.94			07H	VS3	.580	ZPUMZ	250	H	X60
115	114	.29	95	PCT	10	P2	BW1	-1.88			TEC	TEH	.610	RBARD	190	H	
115	114	.56	96	PCT	11	P3	08H	-1.06			07H	VS3	.580	ZPUMZ	250	H	X60
115	114	.95	80	PCT	18	P5	BW1	-1.88			07H	VS3	.580	ZPUMZ	250	H	X60
115	114	1.50	61	PCT	25	P5	BW1	1.61			07H	VS3	.580	ZPUMZ	250	H	X60
115	114	.46	88	SVI	10	P3	BW1	2.37		.30	07H	VS3	.580	ZPUMZ	250	H	TTW
115	114																X60
117	114	1.29	32	PCT	22	P3	09H	-1.35			07H	VS3	.580	ZPUMZ	263	H	X60
117	114	.82	37	PCT	16	P5	BW1	-2.19			07H	VS3	.580	ZPUMZ	263	H	X60
119	114	.73	85	PCT	21	P2	09H	.82			TEC	TEH	.610	RBARD	190	H	
119	114	1.23	74	PCT	22	P3	09H	.89			07H	VS3	.580	ZPUMZ	265	H	X60
133	114	.82	109	PCT	14	P5	VS3	-.84			07H	VS3	.580	ZPUMZ	317	H	X75
143	114	.78	80	PCT	14	P5	BW1	1.73			07H	VS3	.580	ZPUMZ	327	H	X75
145	114	.65	71	PCT	12	P5	BW1	-1.87			07H	VS3	.580	ZPUMZ	327	H	X75
149	114	1.00	114	PCT	18	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	327	H	X75
149	114	.59	70	PCT	11	P5	VS1	-.68			07H	VS3	.580	ZPUMZ	327	H	X75
151	114	1.35	80	PCT	22	P3	BW2	2.02			BW2	VS5	.580	ZPUFZ	144	C	
151	114	.54	101	PCT	10	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	327	H	X75
153	114	.55	67	PCT	11	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	328	H	X75
32	115	1.12	21	SAI		P3	TSH	-1.09		.30	TSH	TSH	.600	ZPAHZ	22	H	
32	115	.61	14	SAI		P2	TSH	-1.09		.40	TSH	TSH	.600	ZPAHZ	22	H	
86	115	.58	67	PCT	12	P3	VS3	-.80			VS3	VS3	.580	ZPUFZ	212	H	
104	115	.78	78	PCT	15	P5	BW1	-2.22			07H	VS3	.580	ZPUMZ	243	H	X60
106	115	.54	97	PCT	11	P5	BW1	-2.03			07H	VS3	.580	ZPUMZ	244	H	X60
110	115	1.00	34	PCT	17	P5	BW1	2.06			07H	VS3	.580	ZPUMZ	242	H	X60
112	115	.50	110	SAI		P3	VS6	-.98		.20	VS6	VS6	.580	ZPUFZ	144	C	
112	115	.71	98	SAI		P2	VS6	-.98		.40	VS6	VS6	.580	ZPUFZ	144	C	
112	115	1.05	71	PCT	18	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	245	H	X60
118	115	.72	71	PCT	13	P3	BW1	-2.01			07H	VS3	.580	ZPUMZ	264	H	X60
124	115	.57	82	PCT	11	P3	09H	-.11			07H	VS3	.580	ZPUMZ	265	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
130	115	.76	45	PCT	20	P2	09H	.82			TEC	TEH	.610	RBARD	193	H	
130	115	.83	51	PCT	16	P3	09H	.83			07H	VS3	.580	ZPUMZ	316	H	X75
130	115	.42	74	SAI		P5	VS1	-.90		.50	07H	VS3	.580	ZPUMZ	316	H	X75
130	115	.24	103	SAI		P2	VS1	-.90		.20	VS1	VS1	.580	ZPUFZ	334	H	
130	115	.88	69	SAI		P2	04H	.34		.80	04H	04H	.600	ZPAHZ	336	H	
130	115	1.61	82	SAI		P3	04H	.34		.70	04H	04H	.600	ZPAHZ	336	H	
132	115	.53	70	PCT	11	P3	09H	1.04			07H	VS3	.580	ZPUMZ	316	H	X75
132	115	.62	88	PCT	12	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	316	H	X75
134	115	.78	77	PCT	15	P5	BW1	-1.98			07H	VS3	.580	ZPUMZ	316	H	X75
136	115	.24	150	PCT	9	P2	BW1	1.83			TEC	TEH	.610	RBARD	191	H	
136	115	.91	71	PCT	17	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	316	H	X75
138	115	.56	71	PCT	11	P5	BW1	1.97			07H	VS3	.580	ZPUMZ	316	H	X75
146	115	.80	58	PCT	14	P5	VS1	.94			07H	VS3	.580	ZPUMZ	324	H	X75
146	115	.82	49	SAI		P3	03H	-.71		.20	03H	03H	.600	ZPAHZ	336	H	
146	115	.41	95	SAI		P2	03H	-.71		.30	03H	03H	.600	ZPAHZ	336	H	
150	115	.64	76	PCT	11	P3	BW1	-1.84			07H	VS3	.580	ZPUMZ	324	H	X75
150	115	.80	72	PCT	14	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	324	H	X75
152	115	.64	57	PCT	13	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	326	H	X75
154	115	.89	90	PCT	15	P3	BW2	-1.84			BW2	VS5	.580	ZPUFZ	144	C	
154	115	.60	51	PCT	11	P5	VS1	-.75			07H	VS3	.580	ZPUMZ	328	H	X75
25	116	.18	8	MAI		P2	TSH	-4.66		.30	TSH	TSH	.600	ZPAHZ	23	H	
25	116	.32	15	MAI		P3	TSH	-4.66		.10	TSH	TSH	.600	ZPAHZ	23	H	
25	116	.31	11	MAI		P2	TSH	-3.68		.30	TSH	TSH	.600	ZPAHZ	23	H	
25	116	1.03	22	MAI		P3	TSH	-3.68		.20	TSH	TSH	.600	ZPAHZ	23	H	
25	116	.75	18	MAI		P2	TSH	-2.79		.50	TSH	TSH	.600	ZPAHZ	23	H	
25	116	1.96	22	MAI		P3	TSH	-2.79		.20	TSH	TSH	.600	ZPAHZ	23	H	
25	116	.68	32	MAI		P2	TSH	-2.59		.30	TSH	TSH	.600	ZPAHZ	23	H	
25	116	.70	31	MAI		P3	TSH	-2.59		.10	TSH	TSH	.600	ZPAHZ	23	H	
83	116	1.09	121	PCT	22	P2	VS3	.97			TEH	TEC	.610	RBARD	106	C	
83	116	.85	126	PCT	18	P2	VS5	-.85			TEH	TEC	.610	RBARD	106	C	
83	116	1.25	82	PCT	21	P3	VS5	-.82			VS5	VS5	.580	ZPUFZ	145	C	
83	116	1.48	77	PCT	26	P3	VS3	.96			VS3	VS3	.580	ZPUFZ	212	H	
103	116	.69	53	PCT	13	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	242	H	X60
111	116	.55	68	PCT	13	P2	BW1	2.00			TEH	TEC	.610	RBARD	106	C	
111	116	1.33	64	PCT	24	P3	BW1	2.08			07H	VS3	.580	ZPUMZ	244	H	X60
113	116	.88	49	PCT	16	P5	BW1	1.08			07H	VS3	.580	ZPUMZ	243	H	X60
113	116	.97	59	SVI	15	P5	BW1	3.56		.90	07H	VS3	.580	ZPUMZ	243	H	TTW
113	116																X60
115	116	.30	64	PCT	10	P2	BW1	1.96			TEC	TEH	.610	RBARD	187	H	
115	116	.66	63	PCT	13	P3	BW1	-2.02			07H	VS3	.580	ZPUMZ	253	H	X60
115	116	1.51	86	PCT	25	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	253	H	X60
117	116	.38	152	PCT	12	P2	09H	-.76			TEC	TEH	.610	RBARD	187	H	
117	116	.75	48	PCT	14	P3	09H	-.94			07H	VS3	.580	ZPUMZ	263	H	X60
121	116	.96	75	PCT	16	P5	VS1	-.87			07H	VS3	.580	ZPUMZ	266	H	X60
123	116	.47	131	PCT	14	P2	08H	.52			TEC	TEH	.610	RBARD	187	H	
123	116	1.01	126	PCT	20	P3	08H	.93			07H	VS3	.580	ZPUMZ	264	H	X60
123	116	.70	117	PCT	14	P5	BW1	-1.91			07H	VS3	.580	ZPUMZ	264	H	X60
133	116	.53	98	PCT	11	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	315	H	X75
137	116	.67	66	PCT	13	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	315	H	X75
137	116	.56	133	MAI		P2	02H	.69		.30	02H	02H	.600	ZPAHZ	336	H	
137	116	.80	69	MAI		P3	02H	.69		.20	02H	02H	.600	ZPAHZ	336	H	
137	116	.91	126	MAI		P2	04H	.06		1.00	04H	04H	.600	ZPAHZ	336	H	
137	116	.90	68	MAI		P3	04H	.06		1.00	04H	04H	.600	ZPAHZ	336	H	
137	116	1.13	143	MAI		P2	05H	-.73		.70	05H	05H	.600	ZPAHZ	336	H	
137	116	.86	83	MAI		P3	05H	-.73		.60	05H	05H	.600	ZPAHZ	336	H	
141	116	.82	78	PCT	15	P5	BW1	-1.79			07H	VS3	.580	ZPUMZ	321	H	X75

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
145	116	.79	85	PCT	15	P5	BW1	-1.75			07H	VS3	.580	ZPUMZ	321	H	X75
145	116	.93	77	PCT	17	P5	BW1	1.61			07H	VS3	.580	ZPUMZ	321	H	X75
147	116	.50	100	PCT	9	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	321	H	X75
151	116	5.00	10	BID		P1	06C	19.35			TEC	TEH	.610	RBARD	187	H	
155	116	.84	64	PCT	14	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	310	H	X75
84	117	1.04	72	PCT	20	P3	VS3	1.18			VS3	VS3	.580	ZPUFZ	212	H	
100	117	.44	53	PCT	10	P3	08H	-.90			07H	VS3	.580	ZPUMZ	244	H	X60
110	117	1.05	80	PCT	19	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	243	H	X60
114	117	.98	84	PCT	17	P3	BW1	1.59			07H	VS3	.580	ZPUMZ	252	H	X60
124	117	.62	78	PCT	11	P3	09H	1.00			07H	VS3	.580	ZPUMZ	266	H	X60
134	117	.59	85	PCT	10	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	317	H	X75
136	117	.82	87	PCT	14	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	317	H	X75
142	117	.51	82	PCT	10	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	322	H	X75
144	117	.79	70	PCT	15	P5	VS3	-.79			07H	VS3	.580	ZPUMZ	322	H	X75
146	117	.67	60	PCT	13	P5	VS1	.81			07H	VS3	.580	ZPUMZ	322	H	X75
13	118	.93	138	SVI		P3	07H	1.69		.80	07C	07H	.580	ZPUFZ	147	C	DNT
97	118	.52	54	PCT	11	P3	08H	.84			07H	VS3	.580	ZPUMZ	230	H	X45
97	118	.78	84	PCT	15	P3	BW1	-2.06			07H	VS3	.580	ZPUMZ	230	H	X45
105	118	.83	81	PCT	15	P5	BW1	2.01			07H	VS3	.580	ZPUMZ	242	H	X60
115	118	.64	70	PCT	13	P5	BW1	-1.82			07H	VS3	.580	ZPUMZ	250	H	X60
115	118	.67	81	PCT	13	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	250	H	X60
119	118	.77	98	PCT	15	P3	BW1	-2.10			07H	VS3	.580	ZPUMZ	265	H	X60
121	118	.74	85	PCT	15	P5	VS1	-.89			07H	VS3	.580	ZPUMZ	263	H	X60
133	118	.64	86	PCT	12	P5	BW1	1.70			07H	VS3	.580	ZPUMZ	316	H	X75
137	118	.64	84	PCT	12	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	316	H	X75
141	118	.68	84	PCT	13	P5	VS3	-.89			07H	VS3	.580	ZPUMZ	324	H	X75
145	118	.35	69	PCT	11	P2	BW1	1.99			TEC	TEH	.610	RBARD	187	H	
145	118	.40	55	PCT	13	P2	VS1	-.88			TEC	TEH	.610	RBARD	187	H	
145	118	.84	56	PCT	15	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	324	H	X75
145	118	1.11	71	PCT	18	P3	BW1	1.65			07H	VS3	.580	ZPUMZ	324	H	X75
145	118	.51	45	PCT	10	P5	VS1	-.91			07H	VS3	.580	ZPUMZ	324	H	X75
153	118	.33	84	PCT	11	P2	07C	.33			TEC	TEH	.610	RBARD	187	H	
52	119	.00	0	SAI		P2	TSH	-.27		.00	TSH	TSH	.600	ZPAHZ	14	H	
52	119	1.38	92	SAI		P3	TSH	-.27		.14	TSH	TSH	.600	ZPAHZ	14	H	
96	119	.70	44	PCT	12	P5	BW1	2.02			07H	VS3	.580	ZPUMZ	231	H	X45
102	119	.45	22	PCT	11	P2	VS2	1.01			TEH	TEC	.610	RBARD	106	C	
102	119	.58	77	PCT	11	P5	VS2	.84			07H	VS3	.580	ZPUMZ	244	H	X60
110	119	.51	80	PCT	10	P5	BW1	1.70			07H	VS3	.580	ZPUMZ	250	H	X60
114	119	.60	62	PCT	12	P5	BW1	1.72			07H	VS3	.580	ZPUMZ	251	H	X60
118	119	.56	104	PCT	12	P5	09H	1.52			07H	VS3	.580	ZPUMZ	264	H	X60
118	119	.78	102	PCT	16	P5	BW1	-1.97			07H	VS3	.580	ZPUMZ	264	H	X60
128	119	.70	70	PCT	13	P3	09H	-.12			07H	VS3	.580	ZPUMZ	301	H	X75
136	119	.93	81	PCT	18	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	315	H	X75
17	120	.27	34	MCI		P2	TSH	-14.14		.30	TSH	TSH	.600	ZPAHZ	23	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
17	120	.30	20	MCI		P4	TSH	-14.14		.40	TSH	TSH	.600	ZPAHZ	23	H	
17	120	.77	16	MCI		P2	TSH	-12.47		.20	TSH	TSH	.600	ZPAHZ	23	H	
17	120	.53	24	MCI		P4	TSH	-12.47		.20	TSH	TSH	.600	ZPAHZ	23	H	
17	120	.20	17	MCI		P4	TSH	-5.69		.20	TSH	TSH	.600	ZPAHZ	23	H	
17	120	.24	5	MCI		P2	TSH	-5.69		.20	TSH	TSH	.600	ZPAHZ	23	H	
83	120	.59	75	PCT	11	P3	VS5	-.79			VS5	VS5	.580	ZPUFZ	145	C	
91	120	7.69	9	BID		P1	BW1	.18			TEH	TEC	.610	RBARD	116	C	
97	120	.52	82	PCT	11	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	230	H	X45
107	120	.66	56	SVI	14	P5	BW1	4.25		.80	07H	VS3	.580	ZPUMZ	250	H	TTW
107	120																X60
109	120	.86	79	PCT	15	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	253	H	X60
109	120	.68	77	SVI	12	P5	BW1	2.85		.60	07H	VS3	.580	ZPUMZ	253	H	TTW
109	120																X60
113	120	.43	102	PCT	13	P2	VS2	.79			TEC	TEH	.610	RBARD	188	H	
113	120	.49	97	SVI	11	P3	BW1	2.64		.40	07H	VS3	.580	ZPUMZ	250	H	TTW
113	120																X60
113	120	.96	74	PCT	18	P5	VS2	.79			07H	VS3	.580	ZPUMZ	250	H	X60
115	120	1.01	48	PCT	17	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	253	H	X60
117	120	.74	86	PCT	15	P5	BW1	1.72			07H	VS3	.580	ZPUMZ	263	H	X60
139	120	.60	48	PCT	12	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	316	H	X75
141	120	.75	88	PCT	14	P3	BW1	1.91			07H	VS3	.580	ZPUMZ	316	H	X75
143	120	.30	103	PCT	10	P2	BW1	1.75			TEC	TEH	.610	RBARD	187	H	
143	120	.67	90	PCT	13	P3	BW1	-1.82			07H	VS3	.580	ZPUMZ	316	H	X75
143	120	1.23	74	PCT	22	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	316	H	X75
151	120	1.00	82	PCT	17	P3	VS7	-.62			VS7	VS7	.580	ZPUFZ	144	C	
151	120	1.07	63	PCT	18	P3	VS7	.14			VS7	VS7	.580	ZPUFZ	144	C	
151	120	1.59	82	PCT	25	P3	VS7	.54			VS7	VS7	.580	ZPUFZ	144	C	
151	120	.62	109	PCT	18	P2	VS7	-.81			TEC	TEH	.610	RBARD	187	H	
151	120	.83	71	PCT	22	P2	VS7	.54			TEC	TEH	.610	RBARD	187	H	
151	120	.73	62	PCT	14	P5	VS1	1.01			07H	VS3	.580	ZPUMZ	316	H	X75
46	121	.00	0	MCI		P2	TSH	-13.17		.00	TSH	TSH	.600	ZPAHZ	14	H	
46	121	.26	19	MCI		P4	TSH	-13.17		.20	TSH	TSH	.600	ZPAHZ	14	H	
46	121	.36	45	MCI		P2	TSH	-11.11		.30	TSH	TSH	.600	ZPAHZ	14	H	
46	121	.35	23	MCI		P4	TSH	-11.11		.20	TSH	TSH	.600	ZPAHZ	14	H	
46	121	.19	19	MCI		P4	TSH	-7.81		.20	TSH	TSH	.600	ZPAHZ	14	H	
46	121	.00	0	MCI		P2	TSH	-7.81		.00	TSH	TSH	.600	ZPAHZ	14	H	
82	121	.54	76	PCT	14	P2	VS3	-.46			TEH	TEC	.610	RBARD	107	C	
82	121	.74	106	PCT	15	P3	VS3	-.49			VS3	VS3	.580	ZPUFZ	212	H	
96	121	1.09	27	MCI		P4	TSH	-13.74		.30	TSH	TSH	.600	ZPAHZ	85	H	
96	121	1.73	37	MCI		P2	TSH	-13.74		.20	TSH	TSH	.600	ZPAHZ	85	H	
96	121	.77	27	MCI		P4	TSH	-13.51		.30	TSH	TSH	.600	ZPAHZ	85	H	
96	121	.74	40	MCI		P2	TSH	-13.51		.10	TSH	TSH	.600	ZPAHZ	85	H	
96	121	.63	51	MCI		P2	TSH	-12.61		.20	TSH	TSH	.600	ZPAHZ	85	H	
96	121	.53	23	MCI		P4	TSH	-12.61		.20	TSH	TSH	.600	ZPAHZ	85	H	
96	121	2.13	38	MCI		P2	TSH	-11.41		.20	TSH	TSH	.600	ZPAHZ	85	H	
96	121	1.41	29	MCI		P4	TSH	-11.41		.30	TSH	TSH	.600	ZPAHZ	85	H	
96	121	1.75	31	MCI		P4	TSH	-9.49		.30	TSH	TSH	.600	ZPAHZ	85	H	
96	121	1.83	40	MCI		P2	TSH	-9.49		.20	TSH	TSH	.600	ZPAHZ	85	H	
98	121	.53	54	PCT	10	P3	07H	-.06			07H	VS3	.580	ZPUMZ	229	H	X45
100	121	.47	98	PCT	10	P3	08H	-.98			07H	VS3	.580	ZPUMZ	244	H	X60
102	121	.66	145	PCT	16	P2	VS2	-.80			TEH	TEC	.610	RBARD	107	C	
102	121	1.19	78	PCT	20	P5	VS2	-.91			07H	VS3	.580	ZPUMZ	243	H	X60
108	121	1.02	76	PCT	18	P5	BW1	1.67			07H	VS3	.580	ZPUMZ	252	H	X60
112	121	.67	59	PCT	12	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	253	H	X60
114	121	.53	61	PCT	10	P3	BW1	2.06			07H	VS3	.580	ZPUMZ	252	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
116	121	1.14	82	PCT	20	P5	BW1	1.70			07H	VS3	.580	ZPUMZ	251	H	X60
118	121	.48	90	PCT	15	P2	09H	.92			TEC	TEH	.610	RBARD	188	H	
118	121	1.03	68	PCT	19	P5	09H	.98			07H	VS3	.580	ZPUMZ	264	H	X60
136	121	.61	65	PCT	11	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	317	H	X75
144	121	.72	90	PCT	14	P3	BW1	-1.92			07H	VS3	.580	ZPUMZ	317	H	X75
144	121	.93	81	PCT	17	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	317	H	X75
59	122	.63	28	MCI		P4	TSH	-12.36		.30	TSH	TSH	.600	ZPAHZ	13	H	
59	122	.91	35	MCI		P2	TSH	-12.36		.20	TSH	TSH	.600	ZPAHZ	13	H	
59	122	.22	39	MCI		P2	TSH	-11.38		.10	TSH	TSH	.600	ZPAHZ	13	H	
59	122	.18	20	MCI		P4	TSH	-11.38		.20	TSH	TSH	.600	ZPAHZ	13	H	
71	122	4.79	2	BID		P1	04C	23.64			TEH	TEC	.610	RBARD	77	C	
93	122	.61	69	PCT	12	P3	BW1	1.92			07H	VS3	.580	ZPUMZ	230	H	X45
97	122	.48	19	PCT	13	P2	08H	.94			TEH	TEC	.610	RBARD	107	C	
97	122	.49	116	PCT	10	P3	08H	.87			07H	VS3	.580	ZPUMZ	230	H	X45
101	122	.58	89	PCT	11	P3	08H	-.19			07H	VS3	.580	ZPUMZ	242	H	X60
107	122	.73	91	PCT	16	P2	08H	1.01			TEH	TEC	.610	RBARD	106	C	
107	122	1.63	45	PCT	26	P3	08H	.87			07H	VS3	.580	ZPUMZ	253	H	X60
109	122	.83	72	PCT	16	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	250	H	X60
119	122	.84	68	PCT	16	P3	BW1	-2.24			07H	VS3	.580	ZPUMZ	265	H	X60
131	122	.57	48	PCT	10	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	304	H	X75
137	122	.64	87	PCT	13	P5	BW1	1.72			07H	VS3	.580	ZPUMZ	315	H	X75
141	122	.84	69	PCT	16	P5	BW1	1.60			07H	VS3	.580	ZPUMZ	315	H	X75
151	122	.65	66	PCT	12	P3	VS7	-.84			BW2	VS5	.580	ZPUFZ	144	C	
151	122	1.24	70	PCT	20	P3	BW2	1.60			BW2	VS5	.580	ZPUFZ	144	C	
151	122	.61	77	PCT	12	P3	VS7	-.76			VS7	VS7	.580	ZPUFZ	159	C	
151	122	.61	59	SVI		P3	02H	30.15		.40	02H	03H	.600	ZPAHZ	358	H	NC
151	122																PIT
10	123	.69	73	PCT	12	P3	BW2	.71			07C	BW2	.580	ZPUFZ	147	C	
14	123	.37	16	SCI		P2	TSH	-6.80		.30	TSH	TSH	.600	ZPAHZ	14	H	
14	123	.20	30	SCI		P4	TSH	-6.80		.20	TSH	TSH	.600	ZPAHZ	14	H	
14	123	.63	17	SAI		P3	TSH	-1.86		.20	TSH	TSH	.600	ZPAHZ	14	H	
14	123	.57	20	SAI		P2	TSH	-1.86		.30	TSH	TSH	.600	ZPAHZ	14	H	
40	123	.53	84	PCT	15	P2	07H	-1.00			TEH	TEC	.610	RBARD	67	C	
40	123	.77	89	PCT	15	P3	07H	-1.01			07H	07H	.600	ZPAHZ	132	H	
48	123	.54	82	PCT	11	P3	06H	.98			06H	06H	.600	ZPAHZ	337	H	
48	123	.72	71	PCT	14	P3	07H	-.91			07H	07H	.600	ZPAHZ	337	H	
78	123	.72	33	SVI		P3	03C	8.87		.20	03C	04C	.600	ZPAHZ	149	C	NC
78	123																PIT
98	123	.64	62	PCT	16	P2	08H	-.98			TEH	TEC	.610	RBARD	107	C	
98	123	.91	95	PCT	16	P3	08H	-.78			07H	VS3	.580	ZPUMZ	229	H	X45
98	123	.59	104	PCT	11	P3	08H	.70			07H	VS3	.580	ZPUMZ	229	H	X45
100	123	.73	91	PCT	15	P3	08H	-.91			07H	VS3	.580	ZPUMZ	253	H	X60
100	123	.99	80	PCT	17	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	253	H	X60
112	123	.71	60	PCT	14	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	250	H	X60
116	123	.37	110	PCT	11	P2	09H	-1.20			TEC	TEH	.610	RBARD	183	H	
116	123	1.24	77	PCT	21	P3	09H	-1.04			07H	VS3	.580	ZPUMZ	263	H	X60
118	123	.56	63	PCT	18	P2	09H	1.36			TEC	TEH	.610	RBARD	181	H	
118	123	1.24	38	PCT	22	P5	09H	.83			07H	VS3	.580	ZPUMZ	264	H	X60
120	123	.80	73	PCT	14	P3	BW1	-2.00			07H	VS3	.580	ZPUMZ	266	H	X60
132	123	.84	55	PCT	15	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	301	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
134	123	.67	81	PCT	13	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	309	H	X75
136	123	.62	91	PCT	17	P2	VS1	-.93			TEC	TEH	.610	RBARD	183	H	
136	123	1.25	60	PCT	24	P5	VS1	-.89			07H	VS3	.580	ZPUMZ	308	H	X75
138	123	.43	69	PCT	15	P2	BW1	1.79			TEC	TEH	.610	RBARD	181	H	
138	123	1.57	71	PCT	25	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	308	H	X75
140	123	.45	150	PCT	13	P2	BW1	1.71			TEC	TEH	.610	RBARD	183	H	
140	123	1.16	84	PCT	20	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	316	H	X75
152	123	.76	41	PCT	14	P5	VS3	.93			07H	VS3	.580	ZPUMZ	308	H	X75
59	124	.55	49	SVI		P3	01C	-2.66		.20	01C	01C	.600	ZPAHZ	149	C	NC
59	124																PIT
97	124	.79	50	PCT	19	P2	08H	-.96			TEH	TEC	.610	RBARD	107	C	
97	124	1.35	85	PCT	24	P3	08H	-1.04			07H	VS3	.580	ZPUMZ	230	H	X45
99	124	.89	107	PCT	19	P2	08H	.98			TEH	TEC	.610	RBARD	106	C	
99	124	.89	89	PCT	17	P3	08H	.83			07H	VS3	.580	ZPUMZ	228	H	X45
105	124	.84	76	PCT	14	P5	BW1	2.15			07H	VS3	.580	ZPUMZ	253	H	X60
107	124	.87	64	PCT	16	P3	08H	-.87			07H	VS3	.580	ZPUMZ	250	H	X60
111	124	.89	96	PCT	17	P5	VS2	-.03			07H	VS3	.580	ZPUMZ	250	H	X60
117	124	.56	41	PCT	17	P2	09H	-.82			TEC	TEH	.610	RBARD	182	H	
117	124	1.38	71	PCT	23	P3	09H	-.88			07H	VS3	.580	ZPUMZ	263	H	X60
119	124	.32	44	PCT	11	P2	09H	.89			TEC	TEH	.610	RBARD	182	H	
119	124	.75	77	PCT	14	P3	09H	1.06			07H	VS3	.580	ZPUMZ	265	H	X60
121	124	.56	62	PCT	11	P3	BW1	-2.11			07H	VS3	.580	ZPUMZ	263	H	X60
121	124	.78	69	PCT	16	P5	VS1	-1.06			07H	VS3	.580	ZPUMZ	263	H	X60
129	124	.78	52	PCT	14	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	304	H	X75
139	124	.32	93	PCT	11	P2	BW1	1.77			TEC	TEH	.610	RBARD	182	H	
139	124	.52	77	PCT	9	P5	BW1	-1.82			07H	VS3	.580	ZPUMZ	317	H	X75
139	124	1.03	68	PCT	18	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	317	H	X75
141	124	.66	97	PCT	12	P3	BW1	1.74			07H	VS3	.580	ZPUMZ	317	H	X75
143	124	.32	42	PCT	11	P2	BW1	1.82			TEC	TEH	.610	RBARD	182	H	
143	124	.64	53	PCT	12	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	317	H	X75
143	124	1.10	83	PCT	20	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	317	H	X75
145	124	.84	63	PCT	16	P3	BW1	1.99			07H	VS3	.580	ZPUMZ	317	H	X75
147	124	.64	69	PCT	12	P3	BW1	-1.88			07H	VS3	.580	ZPUMZ	317	H	X75
151	124	.89	67	PCT	14	P3	02C	-1.12			02C	02C	.600	ZPAHZ	26	C	
78	125	.65	156	PCT	17	P2	VS5	.99			TEH	TEC	.610	RBARD	109	C	
78	125	1.02	80	PCT	18	P3	VS5	.92			VS5	VS5	.580	ZPUFZ	145	C	
78	125	.69	94	PCT	13	P3	VS3	.70			VS3	VS3	.580	ZPUFZ	216	H	
100	125	.78	26	PCT	19	P2	08H	.99			TEH	TEC	.610	RBARD	107	C	
100	125	1.22	54	PCT	21	P3	08H	-1.03			07H	VS3	.580	ZPUMZ	252	H	X60
100	125	1.33	46	PCT	22	P3	08H	.89			07H	VS3	.580	ZPUMZ	252	H	X60
102	125	.85	78	PCT	14	P3	08H	.02			07H	VS3	.580	ZPUMZ	251	H	X60
104	125	.54	52	PCT	14	P2	08H	-1.10			TEH	TEC	.610	RBARD	107	C	
104	125	.53	126	PCT	14	P2	VS2	-.86			TEH	TEC	.610	RBARD	107	C	
104	125	.80	56	PCT	14	P3	08H	-1.04			07H	VS3	.580	ZPUMZ	252	H	X60
104	125	.73	41	PCT	14	P5	VS2	-.87			07H	VS3	.580	ZPUMZ	252	H	X60
108	125	1.10	15	BID		P1	07C	41.07			TEH	TEC	.610	RBARD	106	C	
112	125	.62	93	PCT	11	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	253	H	X60
118	125	.79	62	PCT	16	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	264	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
120	125	1.42	126	PCT	31	P2	09H	.80			TEC	TEH	.610	RBARD	181	H	
120	125	2.12	78	PCT	30	P3	09H	.91			07H	VS3	.580	ZPUMZ	266	H	X60
126	125	.87	70	PCT	15	P5	BW1	-1.87			07H	VS3	.580	ZPUMZ	299	H	X75
126	125	1.10	76	PCT	18	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	299	H	X75
138	125	.60	110	PCT	11	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	308	H	X75
140	125	.72	59	PCT	15	P3	BW1	1.94			07H	VS3	.580	ZPUMZ	308	H	X75
59	126	1.57	24	SVI		P3	BW1	7.71		.30	BW1	VS3	.580	ZPUFZ	216	H	NC
59	126																VID
95	126	1.20	76	PCT	25	P2	08H	-.96			TEH	TEC	.610	RBARD	109	C	
95	126	1.42	82	PCT	23	P3	08H	-.85			07H	VS3	.580	ZPUMZ	229	H	X45
95	126	.65	77	PCT	12	P3	08H	.60			07H	VS3	.580	ZPUMZ	229	H	X45
97	126	.81	77	PCT	21	P2	07H	-.86			TEH	TEC	.610	RBARD	108	C	
97	126	.81	62	PCT	16	P3	07H	-1.00			07H	VS3	.580	ZPUMZ	230	H	X45
97	126	.74	89	PCT	14	P3	08H	-.96			07H	VS3	.580	ZPUMZ	230	H	X45
97	126	.54	62	PCT	11	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	230	H	X45
99	126	.92	33	PCT	17	P3	08H	-.95			07H	VS3	.580	ZPUMZ	228	H	X45
101	126	.48	49	PCT	10	P5	BW1	-1.88			07H	VS3	.580	ZPUMZ	250	H	X60
107	126	.92	28	PCT	16	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	253	H	X60
109	126	.70	82	PCT	14	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	250	H	X60
115	126	.68	34	PCT	14	P3	BW1	-1.83			07H	VS3	.580	ZPUMZ	253	H	X60
115	126	.69	137	PCT	13	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	253	H	X60
117	126	.82	41	PCT	15	P3	09H	-.74			07H	VS3	.580	ZPUMZ	263	H	X60
119	126	.65	117	PCT	13	P3	09H	-.86			07H	VS3	.580	ZPUMZ	265	H	X60
121	126	.72	96	PCT	14	P3	09H	-.07			07H	VS3	.580	ZPUMZ	263	H	X60
131	126	.64	58	PCT	12	P3	VS5	-.83			VS5	VS5	.580	ZPUFZ	144	C	
131	126	.28	105	PCT	10	P2	VS5	-.91			TEC	TEH	.610	RBARD	182	H	
131	126	.75	51	PCT	14	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	301	H	X75
135	126	.44	141	PCT	14	P2	VS1	-.83			TEC	TEH	.610	RBARD	182	H	
135	126	.55	44	PCT	11	P3	09H	.87			07H	VS3	.580	ZPUMZ	309	H	X75
135	126	.74	73	PCT	14	P5	VS1	-.95			07H	VS3	.580	ZPUMZ	309	H	X75
48	127	.71	72	PCT	14	P3	VS4	-.91			VS4	VS4	.580	ZPUFZ	216	H	
64	127	.37	50	SAI		P2	TSH	-.26		.20	TSH	TSH	.600	ZPAHZ	14	H	
64	127	.74	56	SAI		P3	TSH	-.26		.10	TSH	TSH	.600	ZPAHZ	14	H	
80	127	.81	76	PCT	15	P3	VS3	-.89			VS3	VS3	.580	ZPUFZ	216	H	
94	127	2.01	103	PCT	35	P2	08H	-.95			TEH	TEC	.610	RBARD	108	C	
94	127	2.16	83	PCT	33	P3	08H	-1.05			07H	VS3	.580	ZPUMZ	230	H	X45
98	127	.81	48	PCT	14	P3	08H	-.79			07H	VS3	.580	ZPUMZ	229	H	X45
98	127	.74	73	PCT	13	P3	08H	.78			07H	VS3	.580	ZPUMZ	229	H	X45
98	127	1.00	51	PCT	19	P5	VS2	-.80			07H	VS3	.580	ZPUMZ	229	H	X45
110	127	.50	80	PCT	11	P3	08H	.88			07H	VS3	.580	ZPUMZ	253	H	X60
116	127	.57	54	PCT	12	P5	BW2	1.81			07C	VS5	.580	ZPUMZ	127	C	X60
120	127	.73	58	PCT	13	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	266	H	X60
126	127	.57	93	PCT	12	P5	BW1	1.97			07H	VS3	.580	ZPUMZ	296	H	X75
128	127	.83	77	SAI		P5	VS7	.77		.40	07C	VS5	.580	ZPUMZ	137	C	X75
128	127	.44	47	SAI		P2	VS7	.77		.30	VS7	VS7	.580	ZPUFZ	143	C	
128	127	.57	85	PCT	12	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	303	H	X75
134	127	.79	80	PCT	14	P5	VS1	-.24			07H	VS3	.580	ZPUMZ	307	H	X75
150	127	.67	91	PCT	12	P3	02C	-.99			02C	02C	.600	ZPAHZ	149	C	
150	127	.50	65	PCT	10	P3	BW1	-1.58			07H	VS3	.580	ZPUMZ	308	H	X75

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
150	127	.60	74	PCT	12	P3	BW1	.95			07H	VS3	.580	ZPUMZ	308	H	X75
150	127	.58	98	PCT	11	P3	BW1	1.42			07H	VS3	.580	ZPUMZ	308	H	X75
25	128	.16	66	SVI		P3	05H	34.89		.10	05H	06H	.600	ZPAHZ	132	H	NC
25	128																PIT
87	128	.73	64	PCT	13	P3	08H	.89			08H	08H	.600	ZPAHZ	336	H	
95	128	1.02	13	SVI		P3	05H	36.84		.50	05H	06H	.600	ZPAHZ	127	H	NC
95	128																VID
95	128	.90	55	PCT	17	P3	08H	.09			07H	VS3	.580	ZPUMZ	228	H	X45
97	128	.81	72	PCT	16	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	230	H	X45
101	128	.77	67	PCT	15	P3	08H	.84			07H	VS3	.580	ZPUMZ	253	H	X60
101	128	.59	51	PCT	10	P5	BW1	-2.03			07H	VS3	.580	ZPUMZ	253	H	X60
111	128	.95	55	PCT	17	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	251	H	X60
111	128	1.32	64	PCT	22	P5	VS2	.06			07H	VS3	.580	ZPUMZ	251	H	X60
121	128	.79	84	PCT	16	P5	VS1	-.12			07H	VS3	.580	ZPUMZ	263	H	X60
123	128	.40	90	PCT	13	P2	09H	.89			TEC	TEH	.610	RBARD	182	H	
123	128	.86	62	PCT	16	P3	09H	1.05			07H	VS3	.580	ZPUMZ	265	H	X60
129	128	.65	59	PCT	12	P5	BW1	-1.60			07H	VS3	.580	ZPUMZ	304	H	X75
129	128	.63	60	PCT	11	P5	BW1	2.12			07H	VS3	.580	ZPUMZ	304	H	X75
131	128	.57	83	PCT	11	P5	VS1	-.98			07H	VS3	.580	ZPUMZ	301	H	X75
131	128	1.06	80	PCT	19	P5	VS3	-.65			07H	VS3	.580	ZPUMZ	301	H	X75
131	128	.95	56	PCT	17	P5	VS3	-.17			07H	VS3	.580	ZPUMZ	301	H	X75
137	128	.64	149	PCT	19	P2	VS1	-.78			TEC	TEH	.610	RBARD	182	H	
137	128	.67	50	PCT	19	P2	VS3	-.99			TEC	TEH	.610	RBARD	182	H	
137	128	1.14	99	PCT	22	P5	VS1	-.87			07H	VS3	.580	ZPUMZ	308	H	X75
137	128	1.30	59	PCT	21	P5	VS3	-.91			07H	VS3	.580	ZPUMZ	308	H	X75
143	128	.45	55	PCT	9	P3	BW1	2.06			07H	VS3	.580	ZPUMZ	308	H	X75
12	129	.63	27	SCI		P4	TSH	-13.60		.20	TSH	TSH	.600	ZPAHZ	10	H	
12	129	.62	24	SCI		P2	TSH	-13.60		.40	TSH	TSH	.600	ZPAHZ	10	H	
80	129	1.03	110	PCT	24	P2	VS3	1.05			TEH	TEC	.610	RBARD	108	C	
80	129	1.41	81	PCT	24	P3	VS3	.77			VS3	VS3	.580	ZPUFZ	216	H	
82	129	.66	76	PCT	18	P2	08H	-.89			TEH	TEC	.610	RBARD	108	C	
82	129	1.33	65	PCT	23	P3	08H	-.96			08H	08H	.600	ZPAHZ	132	H	DQA
84	129	1.13	120	PCT	24	P2	VS3	.97			TEH	TEC	.610	RBARD	109	C	
84	129	1.68	48	PCT	27	P3	VS3	.82			VS3	VS3	.580	ZPUFZ	216	H	
92	129	2.68	9	BID		P1	08C	5.30			TEH	TEC	.610	RBARD	109	C	
96	129	.67	73	PCT	12	P3	08H	-1.04			07H	VS3	.580	ZPUMZ	231	H	X45
96	129	.64	73	PCT	11	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	231	H	X45
104	129	.70	78	PCT	13	P3	08H	.94			07H	VS3	.580	ZPUMZ	252	H	X60
106	129	.90	56	PCT	16	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	251	H	X60
110	129	.53	92	PCT	11	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	250	H	X60
112	129	1.31	76	PCT	21	P3	VS5	.25			VS5	VS5	.580	ZPUFZ	144	C	
118	129	.70	81	PCT	14	P5	BW1	-1.98			09H	VS3	.580	ZPUMZ	264	H	X60
118	129	.70	80	PCT	13	P5	BW1	-1.68			07H	VS3	.580	ZPUMZ	290	H	X60
122	129	1.12	63	PCT	21	P5	BW1	2.07			09H	VS3	.580	ZPUMZ	264	H	X60
122	129	1.04	62	PCT	18	P3	BW1	1.98			07H	VS3	.580	ZPUMZ	290	H	X60
124	129	.55	20	SAI		P2	VS6	-.24		1.00	VS6	VS6	.580	ZPUFZ	144	C	
124	129	.58	122	SAI		P3	VS6	-.24		.50	VS6	VS6	.580	ZPUFZ	144	C	
128	129	.77	109	SAI		P2	02H	-.78		.40	02H	02H	.600	ZPAHZ	336	H	
128	129	.89	93	SAI		P3	02H	-.78		.40	02H	02H	.600	ZPAHZ	336	H	
130	129	1.16	58	SAI		P3	VS7	.48		.20	VS7	VS7	.580	ZPUFZ	144	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
130	129	.00	0	SAI		P2	VS7	.48		.00	VS7	VS7	.580	ZPUFZ	144	C	
146	129	.43	48	SAI		P5	VS1	.80		.30	07H	VS3	.580	ZPUMZ	308	H	X75
146	129	.18	78	SAI		P2	VS1	.80		.20	VS1	VS1	.580	ZPUFZ	361	H	
1	130	1.61	86	PCT	25	P3	02C	.26			02C	02C	.600	ZPAHZ	30	C	
67	130	.95	53	PCT	18	P3	08H	.77			08H	VS3	.580	ZPUFZ	216	H	
67	130	.70	55	PCT	14	P3	BW1	-1.95			08H	VS3	.580	ZPUFZ	216	H	
79	130	1.28	138	PCT	26	P2	VS3	1.02			TEH	TEC	.610	RBARD	109	C	
79	130	1.41	64	PCT	24	P3	VS3	.90			VS3	VS3	.580	ZPUFZ	216	H	
83	130	.75	67	PCT	14	P3	08H	-.95			08H	08H	.600	ZPAHZ	336	H	
87	130	.62	132	PCT	16	P2	08H	.94			TEH	TEC	.610	RBARD	109	C	
87	130	.92	66	PCT	18	P3	08H	.89			08H	08H	.600	ZPAHZ	127	H	
89	130	.58	42	PCT	12	P5	VS2	.68			07H	VS3	.580	ZPUMZ	230	H	X45
95	130	.59	80	PCT	12	P3	08H	.86			07H	VS3	.580	ZPUMB	370	H	DQA
101	130	.52	69	PCT	10	P3	08H	.93			07H	VS3	.580	ZPUMZ	250	H	X60
103	130	.68	74	PCT	12	P5	VS2	.15			07H	VS3	.580	ZPUMZ	253	H	X60
107	130	.50	91	PCT	14	P2	08C	.79			TEH	TEC	.610	RBARD	109	C	
111	130	.54	47	PCT	11	P3	BW1	-1.96			07H	VS3	.580	ZPUMZ	265	H	X60
113	130	.96	45	PCT	18	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	263	H	X60
115	130	.62	65	SVI	12	P3	BW1	3.56		.60	07H	VS3	.580	ZPUMZ	265	H	TTW
115	130																X60
121	130	.51	99	PCT	11	P5	VS1	.69			07H	VS3	.580	ZPUMZ	263	H	X60
127	130	.76	64	PCT	14	P5	BW1	-1.97			07H	VS3	.580	ZPUMZ	301	H	X75
131	130	.48	155	PCT	15	P2	VS1	-.75			TEC	TEH	.610	RBARD	182	H	
131	130	.84	97	PCT	16	P5	VS1	-.83			07H	VS3	.580	ZPUMZ	303	H	X75
133	130	1.78	108	PCT	35	P2	VS1	-.93			TEC	TEH	.610	RBARD	182	H	
133	130	2.49	100	PCT	41	P2	VS3	-.83			TEC	TEH	.610	RBARD	182	H	
133	130	1.82	76	PCT	27	P5	VS1	-.87			07H	VS3	.580	ZPUMZ	309	H	X75
133	130	2.68	71	PCT	35	P5	VS3	-.97			07H	VS3	.580	ZPUMZ	309	H	X75
133	130	1.03	59	PCT	17	P5	VS3	.86			07H	VS3	.580	ZPUMZ	309	H	X75
139	130	.89	13	MVI		P3	07H	2.64		.20	07H	VS3	.580	ZPUMZ	309	H	NC
139	130																VID
139	130																X75
139	130	.63	12	MVI		P3	07H	15.20		.20	07H	VS3	.580	ZPUMZ	309	H	NC
139	130																VID
139	130																X75
139	130	.65	13	MVI		P3	09H	7.35		.50	07H	VS3	.580	ZPUMZ	309	H	NC
139	130																VID
139	130																X75
12	131	1.62	63	SAI		P3	TSH	-.31		.20	TSH	TSH	.600	ZPAHZ	10	H	
12	131	.69	76	SAI		P2	TSH	-.31		.20	TSH	TSH	.600	ZPAHZ	10	H	
82	131	.97	128	PCT	22	P2	VS3	-.89			TEH	TEC	.610	RBARD	109	C	
82	131	1.12	70	PCT	20	P3	VS3	-.75			VS3	VS3	.580	ZPUFZ	216	H	
84	131	.56	63	PCT	16	P2	VS3	1.07			TEH	TEC	.610	RBARD	108	C	
84	131	.64	51	PCT	13	P3	VS3	-.92			VS3	VS3	.580	ZPUFZ	216	H	
84	131	.95	74	PCT	18	P3	VS3	.97			VS3	VS3	.580	ZPUFZ	216	H	
86	131	.52	69	PCT	11	P3	08H	-.94			08H	08H	.600	ZPAHZ	127	H	
86	131	.69	79	PCT	14	P3	08H	.91			08H	08H	.600	ZPAHZ	127	H	
96	131	1.06	57	PCT	18	P3	BW1	2.10			07H	VS3	.580	ZPUMZ	231	H	X45
112	131	.75	64	PCT	13	P5	VS2	-.76			07H	VS3	.580	ZPUMZ	266	H	X60
116	131	.64	72	PCT	12	P3	09H	-1.58			07H	VS3	.580	ZPUMZ	266	H	X60
116	131	.80	84	PCT	14	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	266	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
118	131	1.06	69	PCT	20	P5	BW1	-2.01			BW1	VS3	.580	ZPUMZ	264	H	X60
118	131	.92	75	PCT	17	P5	BW1	-1.73			07H	VS3	.580	ZPUMZ	290	H	X60
124	131	.55	79	PCT	10	P3	09H	-1.05			07H	VS3	.580	ZPUMZ	266	H	X60
136	131	.87	50	PCT	15	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	307	H	X75
1	132	1.07	93	PCT	18	P3	02C	-1.08			02C	02C	.600	ZPAHZ	30	C	
1	132	.84	78	PCT	15	P3	02C	.94			02C	02C	.600	ZPAHZ	30	C	
1	132	.90	128	PCT	22	P2	02C	-1.00			07C	TEC	.610	RBARD	38	C	
65	132	.80	70	PCT	15	P3	BW1	1.96			08H	VS3	.580	ZPUFZ	216	H	
73	132	.74	49	PCT	14	P3	08H	-.87			08H	08H	.600	ZPAHZ	336	H	
77	132	.91	111	PCT	22	P2	VS3	1.02			TEH	TEC	.610	RBARD	108	C	
77	132	1.23	74	PCT	21	P3	VS3	.96			VS3	VS3	.580	ZPUFZ	216	H	
83	132	.43	11	SVI		P3	04C	4.55		.20	04C	05C	.600	ZPAHZ	27	C	NC
83	132																VID
83	132	1.14	1	BID		P1	04C	4.25			TEH	TEC	.610	RBARD	109	C	
85	132	.39	85	PCT	12	P2	08H	1.03			TEH	TEC	.610	RBARD	108	C	
89	132	.41	67	PCT	12	P2	08H	-.76			TEH	TEC	.610	RBARD	108	C	
89	132	.78	71	PCT	15	P3	08H	-.98			07H	VS3	.580	ZPUMZ	230	H	X45
95	132	.70	53	PCT	14	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	228	H	X45
99	132	.86	48	PCT	16	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	228	H	X45
101	132	1.10	68	PCT	19	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	251	H	X60
105	132	.75	99	PCT	15	P5	BW1	1.64			07H	VS3	.580	ZPUMZ	263	H	X60
111	132	.59	74	PCT	11	P5	BW1	-1.82			07H	VS3	.580	ZPUMZ	265	H	X60
111	132	.55	102	PCT	11	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	265	H	X60
113	132	.57	74	PCT	10	P3	08H	-.91			07H	VS3	.580	ZPUMZ	263	H	X60
113	132	.68	112	PCT	14	P5	BW1	-2.01			07H	VS3	.580	ZPUMZ	263	H	X60
133	132	.32	31	PCT	11	P2	VS1	-.66			TEC	TEH	.610	RBARD	182	H	
133	132	.51	45	PCT	16	P2	VS3	-.77			TEC	TEH	.610	RBARD	182	H	
133	132	.61	121	PCT	11	P5	VS1	-.78			07H	VS3	.580	ZPUMZ	307	H	X75
133	132	.80	106	PCT	14	P5	VS3	-.91			07H	VS3	.580	ZPUMZ	307	H	X75
135	132	.69	76	PCT	12	P5	VS3	-.56			07H	VS3	.580	ZPUMZ	309	H	X75
137	132	1.14	73	PCT	19	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	307	H	X75
8	133	.00	0	SAI		P2	TSH	-.20		.00	TSH	TSH	.600	ZPAHZ	10	H	
8	133	.65	54	SAI		P3	TSH	-.20		.10	TSH	TSH	.600	ZPAHZ	10	H	
44	133	.96	14	SVI		P3	TSC	13.47		.40	TSC	01C	.600	ZPAHZ	27	C	NC
44	133																VID
72	133	.68	74	PCT	13	P3	08H	.91			08H	08H	.600	ZPAHZ	336	H	
82	133	.74	86	PCT	18	P2	VS3	.94			TEH	TEC	.610	RBARD	109	C	
82	133	.85	54	PCT	16	P3	VS3	-.92			VS3	VS3	.580	ZPUFZ	216	H	
82	133	1.11	60	PCT	20	P3	VS3	1.20			VS3	VS3	.580	ZPUFZ	216	H	
88	133	.50	87	PCT	10	P3	07H	.99			07H	07H	.600	ZPAHZ	336	H	
90	133	.64	42	PCT	16	P2	BW1	2.04			TEH	TEC	.610	RBARD	109	C	
90	133	.67	58	PCT	13	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	230	H	X45
90	133	1.10	70	PCT	20	P5	BW1	2.12			07H	VS3	.580	ZPUMZ	230	H	X45
92	133	.69	67	PCT	14	P3	BW1	2.05			07H	VS3	.580	ZPUMZ	228	H	X45
96	133	1.24	71	PCT	27	P2	08H	1.02			TEH	TEC	.610	RBARD	108	C	
96	133	.76	79	PCT	14	P3	08H	-.93			07H	VS3	.580	ZPUMZ	231	H	X45
96	133	1.98	73	PCT	29	P3	08H	.92			07H	VS3	.580	ZPUMZ	231	H	X45
96	133	.72	44	PCT	13	P3	02H	-.23			02H	02H	.600	ZPAHZ	336	H	
100	133	.83	74	PCT	15	P3	VS6	.74			VS6	VS6	.580	ZPUFZ	144	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
104	133	.90	78	PCT	17	P3	08H	.89			07H	VS3	.580	ZPUMZ	253	H	X60
106	133	.71	85	PCT	14	P5	BW1	1.78			BW1	VS3	.580	ZPUMZ	264	H	X60
106	133	.61	67	PCT	12	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	290	H	X60
116	133	.50	110	PCT	16	P2	09H	-.77			TEC	TEH	.610	RBARD	175	H	
116	133	.47	68	PCT	15	P2	09H	.12			TEC	TEH	.610	RBARD	175	H	
116	133	.89	49	PCT	15	P3	09H	-.77			07H	VS3	.580	ZPUMZ	266	H	X60
116	133	1.17	56	PCT	19	P3	09H	.12			07H	VS3	.580	ZPUMZ	266	H	X60
118	133	.90	86	PCT	17	P5	BW1	-1.88			09H	VS3	.580	ZPUMZ	264	H	X60
118	133	.69	66	PCT	13	P3	BW1	-2.12			07H	VS3	.580	ZPUMZ	290	H	X60
122	133	.80	58	PCT	16	P5	BW1	2.02			BW1	VS3	.580	ZPUMZ	264	H	X60
122	133	.85	60	PCT	15	P3	BW1	1.98			07H	VS3	.580	ZPUMZ	290	H	X60
1	134	1.51	69	PCT	23	P3	02C	.17			02C	02C	.600	ZPAHZ	149	C	
71	134	.56	103	PCT	11	P3	BW1	1.71			BW1	VS3	.580	ZPUFZ	216	H	
81	134	.63	155	PCT	16	P2	VS3	1.11			TEH	TEC	.610	RBARD	109	C	
81	134	.99	66	PCT	18	P3	VS3	1.08			VS3	VS3	.580	ZPUFZ	216	H	
87	134	1.08	88	PCT	23	P2	08H	-.82			TEH	TEC	.610	RBARD	109	C	
87	134	1.29	54	PCT	23	P3	08H	-.96			08H	08H	.600	ZPAHZ	127	H	
87	134	.69	49	PCT	14	P3	08H	-.96			08H	08H	.600	ZPAHZ	127	H	
87	134	.60	61	PCT	13	P3	08H	-.11			08H	08H	.600	ZPAHZ	127	H	DQA
95	134	.67	70	PCT	13	P3	08H	-.98			07H	VS3	.580	ZPUMZ	228	H	X45
97	134	.86	76	PCT	16	P3	BW1	2.15			07H	VS3	.580	ZPUMZ	230	H	X45
103	134	.78	62	PCT	15	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	252	H	X60
109	134	.93	87	PCT	18	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	263	H	X60
113	134	.59	36	PCT	12	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	263	H	X60
113	134	1.07	76	PCT	20	P5	BW1	2.10			07H	VS3	.580	ZPUMZ	263	H	X60
115	134	.79	77	PCT	15	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	265	H	X60
115	134	.65	93	SVI	14	P3	BW1	2.33		.50	07H	VS3	.580	ZPUMZ	265	H	TTW
115	134																X60
117	134	.60	68	PCT	12	P5	BW1	-1.77			07H	VS3	.580	ZPUMZ	263	H	X60
121	134	1.83	56	PCT	27	P3	VS6	.59			VS6	VS6	.580	ZPUFZ	144	C	
121	134	1.11	27	PCT	19	P3	09H	.89			07H	VS3	.580	ZPUMZ	263	H	X60
137	134	.68	79	SAI		P5	VS1	-.85		.40	07H	VS3	.580	ZPUMZ	309	H	X75
137	134	.00	0	SAI		P2	VS1	-.85		.00	VS1	VS1	.580	ZPUFZ	325	H	DQA
42	135	1.15	22	SCI		P2	TSH	-10.39		.20	TSH	TSH	.600	ZPAHZ	4	H	
42	135	1.01	36	SCI		P4	TSH	-10.39		.20	TSH	TSH	.600	ZPAHZ	4	H	
62	135	.72	59	PCT	14	P3	BW1	-1.97			BW1	VS3	.580	ZPUFZ	216	H	
62	135	.86	72	PCT	16	P3	BW1	1.96			BW1	VS3	.580	ZPUFZ	216	H	
68	135	.83	75	PCT	16	P3	BW1	2.03			08H	VS3	.580	ZPUFZ	216	H	
72	135	1.54	105	PCT	27	P2	VS3	-1.03			TEH	TEC	.610	RBARD	78	C	
72	135	1.43	72	PCT	24	P3	VS3	-1.04			VS3	VS3	.580	ZPUFZ	216	H	
72	135	1.71	76	PCT	27	P3	VS3	1.15			VS3	VS3	.580	ZPUFZ	216	H	
76	135	.83	63	PCT	16	P3	BW1	-1.90			BW1	VS3	.580	ZPUFZ	216	H	
80	135	.72	55	PCT	19	P2	08H	-.79			TEH	TEC	.610	RBARD	108	C	
80	135	1.16	86	PCT	21	P3	08H	-.85			08H	08H	.600	ZPAHZ	132	H	
80	135	.65	81	PCT	13	P3	08H	.91			08H	08H	.600	ZPAHZ	132	H	
82	135	.45	142	PCT	12	P2	VS3	-.66			TEH	TEC	.610	RBARD	109	C	
82	135	.62	152	PCT	16	P2	VS5	-.75			TEH	TEC	.610	RBARD	109	C	
82	135	.63	72	PCT	12	P3	VS5	-.86			VS5	VS5	.580	ZPUFZ	145	C	
82	135	.65	70	PCT	13	P3	VS3	-.66			VS3	VS3	.580	ZPUFZ	216	H	
82	135	.51	60	PCT	10	P3	VS3	-.13			VS3	VS3	.580	ZPUFZ	216	H	
90	135	.93	52	PCT	17	P3	08H	-.92			07H	VS3	.580	ZPUMZ	230	H	X45

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
90	135	.66	38	PCT	13	P3	BW1	2.17			07H	VS3	.580	ZPUMZ	230	H	X45
102	135	1.01	95	PCT	18	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	251	H	X60
110	135	.82	68	PCT	16	P5	BW1	1.99			BW1	VS3	.580	ZPUMZ	264	H	X60
110	135	.69	83	PCT	13	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	290	H	X60
118	135	.74	86	PCT	15	P5	BW1	-2.02			09H	VS3	.580	ZPUMZ	264	H	X60
118	135	.74	50	PCT	14	P3	BW1	-2.03			07H	VS3	.580	ZPUMZ	290	H	X60
128	135	4.02	5	BID		P1	08H	38.44			TEC	TEH	.610	RBARD	180	H	
140	135	.51	72	PCT	10	P3	06C	.03			06C	06C	.600	ZPAHZ	27	C	
140	135	.45	114	SAI		P5	VS1	.48		.40	07H	VS3	.580	ZPUMZ	308	H	X75
140	135	.00	0	SAI		P2	VS1	.48		.00	VS1	VS1	.580	ZPUFZ	325	H	DQA
51	136	1.05	137	PCT	21	P2	VS4	-.84			TEH	TEC	.610	RBARD	70	C	
51	136	1.47	47	PCT	24	P3	VS4	-.80			VS4	VS4	.580	ZPUFZ	216	H	
61	136	.79	63	PCT	15	P3	BW1	1.94			BW1	VS3	.580	ZPUFZ	216	H	
71	136	.67	82	PCT	13	P3	VS3	1.11			VS3	VS3	.580	ZPUFZ	216	H	
71	136	.53	72	PCT	10	P3	08H	.95			08H	08H	.600	ZPAHZ	336	H	
73	136	.81	86	PCT	16	P3	08H	-.84			08H	08H	.600	ZPAHZ	132	H	
73	136	.51	80	PCT	10	P3	08H	.92			08H	08H	.600	ZPAHZ	132	H	
85	136	.39	117	PCT	12	P2	08H	.98			TEH	TEC	.610	RBARD	110	C	
85	136	.76	96	PCT	15	P3	08H	.88			08H	08H	.600	ZPAHZ	132	H	
87	136	.67	33	PCT	16	P2	08H	.00			TEH	TEC	.610	RBARD	111	C	
87	136	.67	71	PCT	13	P3	08H	-.13			08H	08H	.600	ZPAHZ	132	H	
95	136	.87	90	SVI	16	P3	BW1	3.89		.90	07H	VS3	.580	ZPUMZ	228	H	TTW
95	136																X45
97	136	1.13	79	SVI	21	P3	BW1	2.75		.50	07H	VS3	.580	ZPUMZ	230	H	TTW
97	136																X45
101	136	.30	121	PCT	9	P2	BW1	1.77			TEH	TEC	.610	RBARD	110	C	
101	136	1.05	77	PCT	19	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	250	H	X60
115	136	.82	71	PCT	15	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	272	H	X60
129	136	8.05	11	BID		P1	08H	8.42			TEC	TEH	.610	RBARD	177	H	
66	137	.39	104	PCT	11	P2	BW1	-1.94			TEH	TEC	.610	RBARD	77	C	
66	137	.94	56	PCT	17	P3	BW1	-1.94			BW1	VS3	.580	ZPUFZ	216	H	
70	137	.85	67	PCT	15	P3	VS5	.92			VS5	VS5	.580	ZPUFZ	145	C	
72	137	2.23	104	PCT	33	P2	VS3	-.95			TEH	TEC	.610	RBARD	78	C	
72	137	2.25	72	PCT	33	P3	VS3	-1.05			VS3	VS3	.580	ZPUFZ	216	H	
74	137	.71	79	PCT	14	P3	BW1	-1.94			BW1	VS3	.580	ZPUFZ	216	H	
82	137	.97	70	PCT	20	P2	VS3	-.90			TEH	TEC	.610	RBARD	111	C	
82	137	1.14	60	PCT	20	P3	VS3	-.79			VS3	VS3	.580	ZPUFZ	216	H	
84	137	1.68	70	MAI		P3	TSH	-.26		.20	TSH	TSH	.600	ZPAHZ	85	H	
84	137	.53	56	MAI		P2	TSH	-.26		.20	TSH	TSH	.600	ZPAHZ	85	H	
84	137	.19	45	MAI		P2	TSH	-.24		.10	TSH	TSH	.600	ZPAHZ	85	H	
84	137	.48	45	MAI		P3	TSH	-.24		.20	TSH	TSH	.600	ZPAHZ	85	H	
92	137	.88	75	PCT	15	P3	08H	-1.00			07H	VS3	.580	ZPUMZ	231	H	X45
92	137	.68	87	PCT	11	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	231	H	X45
98	137	.82	67	PCT	15	P3	08H	-.69			07H	VS3	.580	ZPUMZ	229	H	X45
98	137	.69	101	PCT	13	P3	BW1	1.58			07H	VS3	.580	ZPUMZ	229	H	X45
112	137	.49	79	SAI		P2	TSH	-.30		.30	TSH	TSH	.600	ZPAHZ	113	H	
112	137	.62	73	SAI		P3	TSH	-.30		.20	TSH	TSH	.600	ZPAHZ	113	H	
114	137	.72	77	PCT	14	P3	BW1	-1.88			07H	VS3	.580	ZPUMZ	271	H	X60
116	137	.57	51	PCT	12	P5	BW2	1.93			07C	VS5	.580	ZPUMZ	127	C	X60
116	137	.27	132	PCT	9	P2	BW1	1.62			TEC	TEH	.610	RBARD	172	H	DQA
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
116	137	.72	69	PCT	14	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	270	H	X60
118	137	.69	84	PCT	14	P3	BW1	-1.90			07H	VS3	.580	ZPUMZ	271	H	X60
120	137	.85	73	PCT	17	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	270	H	X60
126	137	.63	68	PCT	11	P5	BW1	-1.97			07H	VS3	.580	ZPUMZ	299	H	X75
128	137	.77	60	PCT	14	P5	BW1	-1.87			07H	VS3	.580	ZPUMZ	304	H	X75
130	137	.56	89	PCT	11	P3	09H	-.20			07H	VS3	.580	ZPUMZ	304	H	X75
134	137	.88	85	PCT	17	P5	BW1	2.11			07H	VS3	.580	ZPUMZ	303	H	X75
136	137	.67	76	SAI		P5	VS1	.81		.50	07H	VS3	.580	ZPUMZ	301	H	X75
136	137	.40	37	SAI		P2	VS1	.81		.80	VS1	VS1	.580	ZPUFZ	372	H	DQA
1	138	.78	75	PCT	14	P3	03C	.93			03C	03C	.600	ZPAHZ	149	C	
1	138	1.14	95	PCT	19	P3	02C	.01			02C	02C	.600	ZPAHZ	149	C	
43	138	.48	77	PCT	10	P3	BW1	-1.26			BW1	VS4	.580	ZPUFZ	216	H	
63	138	.62	132	PCT	15	P2	BW1	-1.98			TEH	TEC	.610	RBARD	76	C	
63	138	1.16	57	PCT	20	P3	BW1	-1.87			BW1	VS3	.580	ZPUFZ	216	H	
63	138	.81	82	PCT	15	P3	BW1	2.05			BW1	VS3	.580	ZPUFZ	216	H	
71	138	3.36	50	SCI		P2	TSH	-10.96		.20	TSH	TSH	.600	ZPAHZ	73	H	
71	138	2.88	44	SCI		P4	TSH	-10.96		.20	TSH	TSH	.600	ZPAHZ	73	H	
73	138	.43	76	PCT	9	P3	BW1	-1.85			BW1	VS3	.580	ZPUFZ	216	H	
77	138	.95	124	PCT	23	P2	VS3	-.88			TEH	TEC	.610	RBARD	110	C	
77	138	1.60	58	PCT	26	P3	VS3	-.80			VS3	VS3	.580	ZPUFZ	216	H	
87	138	.63	88	PCT	12	P3	VS2	.70			VS2	VS2	.580	ZPUFZ	216	H	
93	138	.60	72	PCT	12	P3	08H	-.06			07H	VS3	.580	ZPUMZ	230	H	X45
95	138	.67	48	PCT	13	P3	BW1	-2.13			07H	VS3	.580	ZPUMZ	228	H	X45
99	138	1.09	49	PCT	20	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	228	H	X45
111	138	.76	64	PCT	15	P5	BW1	-2.21			07H	VS3	.580	ZPUMZ	269	H	X60
117	138	.57	112	PCT	11	P3	09H	.03			07H	VS3	.580	ZPUMZ	269	H	X60
119	138	.93	31	PCT	17	P3	09H	-.80			07H	VS3	.580	ZPUMZ	269	H	X60
119	138	.75	52	PCT	14	P3	09H	.92			07H	VS3	.580	ZPUMZ	269	H	X60
127	138	.58	95	PCT	11	P5	BW1	-1.74			07H	VS3	.580	ZPUMZ	301	H	X75
135	138	.70	57	PCT	13	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	301	H	X75
135	138	.85	70	SAI		P5	VS1	.63		.30	07H	VS3	.580	ZPUMZ	301	H	X75
135	138	.35	19	SAI		P2	VS1	.63		.30	VS1	VS1	.580	ZPUFZ	325	H	DQA
2	139	.91	55	PCT	15	P3	02C	-.92			02C	02C	.600	ZPAHZ	149	C	
72	139	.66	107	PCT	17	P2	08H	.11			TEH	TEC	.610	RBARD	77	C	
72	139	.86	69	PCT	16	P3	08H	.08			08H	08H	.600	ZPAHZ	132	H	
72	139	.59	89	PCT	11	P3	VS5	.86			VS5	VS5	.580	ZPUFZ	145	C	
76	139	.29	33	SAI		P3	03H	.16		.20	03H	03H	.600	ZPAHZ	337	H	
76	139	.63	156	SAI		P2	03H	.16		.20	03H	03H	.600	ZPAHZ	337	H	
82	139	.35	60	PCT	9	P2	08H	.99			TEH	TEC	.610	RBARD	111	C	
82	139	.77	99	PCT	15	P3	08H	-.95			08H	08H	.600	ZPAHZ	132	H	
82	139	.62	62	PCT	12	P3	08H	-.10			08H	08H	.600	ZPAHZ	132	H	
82	139	.79	98	PCT	15	P3	08H	.90			08H	08H	.600	ZPAHZ	132	H	
84	139	.54	59	PCT	15	P2	VS3	-.88			TEH	TEC	.610	RBARD	110	C	
84	139	.80	56	PCT	15	P3	VS3	-.78			VS3	VS3	.580	ZPUFZ	216	H	
90	139	.84	47	PCT	15	P3	08H	-.80			07H	VS3	.580	ZPUMZ	229	H	X45
90	139	1.02	46	PCT	18	P3	BW1	1.56			07H	VS3	.580	ZPUMZ	229	H	X45
96	139	5.74	9	BID		P1	02C	9.45			TEH	TEC	.610	RBARD	110	C	
96	139	10.29	11	BID		P1	TSC	10.77			TEH	TEC	.610	RBARD	110	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
96	139	7.42	12	BID		P1	TSC	12.32			TEH	TEC	.610	RBARD	110	C	
96	139	6.14	12	BID		P1	TSC	15.45			TEH	TEC	.610	RBARD	110	C	
96	139	.71	93	PCT	13	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	231	H	X45
98	139	.59	116	PCT	14	P2	BW1	2.11			TEH	TEC	.610	RBARD	111	C	
98	139	1.89	63	PCT	28	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	229	H	X45
100	139	.94	66	PCT	17	P5	BW1	2.06			07H	VS3	.580	ZPUMZ	269	H	X60
106	139	.43	114	SAI		P3	VS5	.68		.30	VS5	VS5	.580	ZPUFZ	144	C	
106	139	.39	25	SAI		P2	VS5	.68		.30	VS5	VS5	.580	ZPUFZ	144	C	
112	139	.59	84	PCT	12	P5	BW1	1.63			07H	VS3	.580	ZPUMZ	272	H	X60
118	139	.63	80	PCT	13	P5	BW1	-2.05			07H	VS3	.580	ZPUMZ	270	H	X60
118	139	.66	67	PCT	13	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	270	H	X60
132	139	.58	77	PCT	12	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	303	H	X75
81	140	.35	35	PCT	11	P2	BW1	1.85			TEH	TEC	.610	RBARD	110	C	
81	140	.98	37	PCT	18	P3	BW1	1.77			BW1	VS3	.580	ZPUFZ	216	H	
91	140	1.57	46	PCT	25	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	235	H	X45
93	140	.97	76	SAI		P3	VS6	-.97		.20	VS6	VS6	.580	ZPUFZ	144	C	
93	140	.47	42	SAI		P2	VS6	-.97		.40	VS6	VS6	.580	ZPUFZ	144	C	
93	140	1.07	63	PCT	19	P5	BW1	-1.78			07H	VS3	.580	ZPUMZ	230	H	X45
93	140	.72	81	PCT	14	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	230	H	X45
103	140	1.09	67	PCT	18	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	271	H	X60
111	140	.83	46	PCT	15	P5	BW1	-1.88			07H	VS3	.580	ZPUMZ	271	H	X60
115	140	1.01	72	PCT	19	P3	BW1	-1.82			07H	VS3	.580	ZPUMZ	271	H	X60
115	140	.74	36	PCT	15	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	271	H	X60
117	140	.63	86	PCT	13	P5	BW1	-1.85			07H	VS3	.580	ZPUMZ	269	H	X60
119	140	.78	57	PCT	15	P3	BW1	-1.80			07H	VS3	.580	ZPUMZ	271	H	X60
129	140	.71	87	PCT	13	P5	BW1	-1.86			07H	VS3	.580	ZPUMZ	304	H	X75
129	140	.54	70	PCT	10	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	304	H	X75
133	140	.41	17	PCT	13	P2	BW1	1.66			TEC	TEH	.610	RBARD	173	H	
133	140	1.03	84	PCT	18	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	301	H	X75
135	140	.84	76	PCT	16	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	303	H	X75
135	140	.71	94	PCT	14	P5	VS1	.89			07H	VS3	.580	ZPUMZ	303	H	X75
22	141	.86	61	SVI		P3	04H	19.53		.30	04H	05H	.600	ZPAHZ	132	H	NC
22	141																PIT
68	141	.48	61	PCT	10	P3	BW1	-1.81			08H	VS3	.580	ZPUFZ	216	H	
86	141	.45	141	PCT	11	P2	BW1	1.85			TEH	TEC	.610	RBARD	111	C	
86	141	.56	105	PCT	11	P3	08H	.91			08H	08H	.600	ZPAHZ	132	H	
86	141	1.08	85	PCT	19	P3	BW1	1.89			BW1	VS3	.580	ZPUFZ	216	H	
94	141	.90	79	PCT	17	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	235	H	X45
96	141	.69	57	PCT	13	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	231	H	X45
98	141	.48	42	PCT	12	P2	VS2	-.75			TEH	TEC	.610	RBARD	111	C	
98	141	.97	113	PCT	17	P3	BW1	1.64			07H	VS3	.580	ZPUMZ	229	H	X45
98	141	.67	46	PCT	14	P5	VS2	-.74			07H	VS3	.580	ZPUMZ	229	H	X45
106	141	.64	78	PCT	13	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	270	H	X60
114	141	.54	87	PCT	11	P3	BW1	2.02			07H	VS3	.580	ZPUMZ	271	H	X60
118	141	.77	121	PCT	15	P3	BW1	2.02			07H	VS3	.580	ZPUMZ	271	H	X60
120	141	.53	81	PCT	10	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	272	H	X60
122	141	.59	70	PCT	12	P3	09H	.16			07H	VS3	.580	ZPUMZ	271	H	X60
128	141	.58	56	PCT	11	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	301	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
130	141	.62	61	PCT	12	P3	09H	-.16			07H	VS3	.580	ZPUMZ	301	H	X75
130	141	.66	63	PCT	13	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	301	H	X75
132	141	.46	83	PCT	10	P5	BW1	-2.14			07H	VS3	.580	ZPUMZ	303	H	X75
134	141	.79	84	PCT	15	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	303	H	X75
138	141	.53	60	PCT	11	P5	BW1	-1.73			07H	VS3	.580	ZPUMZ	303	H	X75
138	141	.58	66	PCT	12	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	303	H	X75
1	142	1.93	77	PCT	28	P3	03C	-.91			03C	03C	.600	ZPAHZ	30	C	
1	142	.72	77	PCT	13	P3	03C	-.15			03C	03C	.600	ZPAHZ	30	C	
1	142	2.27	68	PCT	32	P3	03C	.12			03C	03C	.600	ZPAHZ	30	C	
1	142	2.33	79	PCT	32	P3	02C	-.87			02C	02C	.600	ZPAHZ	30	C	
1	142	2.44	74	PCT	33	P3	02C	-.16			02C	02C	.600	ZPAHZ	30	C	
1	142	3.23	74	PCT	39	P3	02C	.16			02C	02C	.600	ZPAHZ	30	C	
1	142	1.61	70	PCT	25	P3	02C	.83			02C	02C	.600	ZPAHZ	30	C	
1	142	1.47	94	PCT	29	P2	02C	-1.02			07C	TEC	.610	RBARD	38	C	
1	142	2.89	106	PCT	41	P2	02C	-.04			07C	TEC	.610	RBARD	38	C	
1	142	.89	111	PCT	22	P2	02C	.89			07C	TEC	.610	RBARD	38	C	
1	142	.82	98	PCT	14	P3	04C	-.92			04C	04C	.600	ZPAHZ	149	C	
3	142	1.03	78	PCT	17	P3	02C	-.88			02C	02C	.600	ZPAHZ	149	C	
25	142	2.34	42	SCI		P4	TSH	-10.10		.20	TSH	TSH	.600	ZPAHZ	39	H	
25	142	2.39	41	SCI		P2	TSH	-10.10		.20	TSH	TSH	.600	ZPAHZ	39	H	
49	142	.67	56	PCT	13	P3	BW1	1.68			BW1	VS4	.580	ZPUFZ	216	H	
67	142	.88	77	PCT	15	P3	BW2	-1.84			08C	VS5	.580	ZPUFZ	148	C	
71	142	.77	90	PCT	15	P3	VS3	-.74			VS3	VS3	.580	ZPUFZ	216	H	
79	142	.50	32	PCT	13	P2	08H	-.05			TEH	TEC	.610	RBARD	111	C	
79	142	.45	65	PCT	11	P2	08H	1.01			TEH	TEC	.610	RBARD	111	C	
79	142	.88	63	PCT	17	P3	08H	-.13			08H	08H	.600	ZPAHZ	132	H	
79	142	.88	76	PCT	17	P3	08H	.86			08H	08H	.600	ZPAHZ	132	H	
81	142	.57	66	PCT	16	P2	VS3	1.00			TEH	TEC	.610	RBARD	110	C	
81	142	.93	58	PCT	17	P3	VS3	1.04			VS3	VS3	.580	ZPUFZ	216	H	
99	142	6.81	6	BID		P1	TSC	9.83			TEH	TEC	.610	RBARD	111	C	
99	142	.62	41	PCT	12	P3	BW1	1.76			07H	VS3	.580	ZPUMZ	228	H	X45
109	142	.59	59	PCT	11	P5	BW1	-1.79			07H	VS3	.580	ZPUMZ	271	H	X60
109	142	.61	64	PCT	11	P5	BW1	2.14			07H	VS3	.580	ZPUMZ	271	H	X60
111	142	.76	39	SAI		P5	VS5	-.58		.30	07C	VS5	.580	ZPUMZ	128	C	X60
111	142	.00	0	SAI		P2	VS5	-.58		.00	VS5	VS5	.580	ZPUFZ	143	C	
111	142	.92	82	PCT	17	P5	BW1	-2.03			07H	VS3	.580	ZPUMZ	272	H	X60
113	142	.81	105	PCT	14	P5	BW1	-1.74			07H	VS3	.580	ZPUMZ	271	H	X60
121	142	.59	58	PCT	12	P5	VS1	-.97			07H	VS3	.580	ZPUMZ	272	H	X60
123	142	1.02	61	PCT	18	P3	BW1	1.66			07H	VS3	.580	ZPUMZ	272	H	X60
133	142	.65	88	PCT	12	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	301	H	X75
137	142	1.24	78	PCT	20	P3	VS5	-.82			VS5	VS5	.580	ZPUFZ	144	C	
137	142	.90	57	PCT	16	P3	VS5	.84			VS5	VS5	.580	ZPUFZ	144	C	
137	142	.79	98	PCT	22	P2	VS3	.45			TEC	TEH	.610	RBARD	171	H	
137	142	.83	77	PCT	22	P2	VS5	-.93			TEC	TEH	.610	RBARD	171	H	
137	142	.39	114	PCT	13	P2	VS5	.83			TEC	TEH	.610	RBARD	171	H	
137	142	.61	55	PCT	12	P5	BW1	-1.94			07H	VS3	.580	ZPUMZ	303	H	X75
137	142	.48	101	PCT	10	P5	BW1	1.66			07H	VS3	.580	ZPUMZ	303	H	X75
137	142	1.32	72	PCT	23	P5	VS3	.42			07H	VS3	.580	ZPUMZ	303	H	X75
2	143	1.03	89	PCT	18	P3	02C	-.13			02C	02C	.600	ZPAHZ	30	C	
2	143	.68	97	PCT	18	P2	02C	-.18			07C	TEC	.610	RBARD	38	C	
62	143	.84	71	PCT	16	P3	BW1	1.82			BW1	VS3	.580	ZPUFZ	216	H	
76	143	.70	85	PCT	18	P2	VS3	-.89			TEH	TEC	.610	RBARD	110	C	
76	143	.94	37	PCT	17	P3	VS3	-.88			VS3	VS3	.580	ZPUFZ	216	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
94	143	.67	81	PCT	13	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	235	H	X45
96	143	1.03	67	PCT	18	P3	BW1	1.94			07H	VS3	.580	ZPUMZ	231	H	X45
106	143	.96	45	PCT	18	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	272	H	X60
110	143	.58	82	PCT	12	P5	BW1	-1.80			07H	VS3	.580	ZPUMZ	272	H	X60
110	143	.87	83	PCT	16	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	272	H	X60
112	143	.56	83	PCT	11	P5	BW1	1.70			07H	VS3	.580	ZPUMZ	269	H	X60
114	143	.86	66	PCT	16	P3	BW1	-1.81			07H	VS3	.580	ZPUMZ	272	H	X60
118	143	.91	88	PCT	16	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	272	H	X60
122	143	.69	69	PCT	14	P3	BW1	-1.80			07H	VS3	.580	ZPUMZ	271	H	X60
126	143	.48	98	PCT	10	P5	BW1	-1.81			07H	VS3	.580	ZPUMZ	296	H	X75
128	143	.75	88	PCT	13	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	304	H	X75
134	143	.69	43	PCT	14	P5	VS3	-.96			07H	VS3	.580	ZPUMZ	303	H	X75
1	144	1.45	96	PCT	22	P3	02C	-.97			02C	02C	.600	ZPAHZ	149	C	
61	144	1.03	63	PCT	19	P3	BW1	1.93			BW1	VS3	.580	ZPUFZ	216	H	
71	144	.60	130	PCT	12	P3	VS3	.95			VS3	VS3	.580	ZPUFZ	216	H	
75	144	.82	78	PCT	15	P3	BW1	1.82			BW1	VS3	.580	ZPUFZ	216	H	
91	144	.72	33	PCT	17	P2	08H	.99			TEH	TEC	.610	RBARD	111	C	
91	144	1.20	88	PCT	21	P3	08H	.99			07H	VS3	.580	ZPUMZ	235	H	X45
95	144	.82	83	PCT	16	P3	BW1	1.94			07H	VS3	.580	ZPUMZ	234	H	X45
105	144	.44	114	MAI		P3	VS6	-.55		.20	VS6	VS6	.580	ZPUFZ	144	C	
105	144	.28	33	MAI		P2	VS6	-.55		.20	VS6	VS6	.580	ZPUFZ	144	C	
105	144	.58	102	MAI		P3	VS6	-.47		1.50	VS6	VS6	.580	ZPUFZ	144	C	
105	144	.32	53	MAI		P2	VS6	-.47		1.30	VS6	VS6	.580	ZPUFZ	144	C	
105	144	.25	44	MAI		P2	VS6	.33		.20	VS6	VS6	.580	ZPUFZ	144	C	DQA
105	144	.61	114	MAI		P3	VS6	.33		.50	VS6	VS6	.580	ZPUFZ	144	C	
107	144	.76	102	PCT	16	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	277	H	X60
109	144	.33	33	PCT	10	P2	BW1	1.82			TEH	TEC	.610	RBARD	110	C	
109	144	.70	73	PCT	14	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	277	H	X60
111	144	.70	94	PCT	15	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	277	H	X60
119	144	1.26	88	PCT	22	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	277	H	X60
121	144	.51	65	PCT	10	P3	BW1	-2.09			07H	VS3	.580	ZPUMZ	277	H	X60
121	144	.54	70	PCT	12	P5	VS1	-.99			07H	VS3	.580	ZPUMZ	277	H	X60
131	144	.83	47	PCT	15	P5	BW1	2.05			07H	VS3	.580	ZPUMZ	301	H	X75
48	145	.97	18	SAI		P3	TSH	-.26		.20	TSH	TSH	.600	ZPAHZ	61	H	
48	145	.22	5	SAI		P2	TSH	-.26		.30	TSH	TSH	.600	ZPAHZ	61	H	
62	145	.74	61	PCT	14	P3	BW1	1.89			BW1	VS3	.580	ZPUFZ	216	H	
62	145	.79	72	SVI	15	P3	BW1	3.56		.90	BW1	VS3	.580	ZPUFZ	216	H	TTW
66	145	.90	114	PCT	19	P2	VS5	.92			TEH	TEC	.610	RBARD	76	C	
66	145	1.02	66	PCT	17	P3	VS5	.63			VS5	VS5	.580	ZPUFZ	148	C	
68	145	1.04	117	PCT	21	P2	08H	1.02			TEH	TEC	.610	RBARD	78	C	
68	145	1.28	87	PCT	22	P3	08H	.89			08H	VS3	.580	ZPUFZ	216	H	
68	145	1.07	72	PCT	19	P3	BW1	-2.01			08H	VS3	.580	ZPUFZ	216	H	
82	145	1.28	87	PCT	24	P2	VS5	-.84			TEH	TEC	.610	RBARD	111	C	
82	145	.85	81	PCT	16	P3	08H	.92			08H	08H	.600	ZPAHZ	132	H	
82	145	1.40	90	PCT	23	P3	VS5	-.78			VS5	VS5	.580	ZPUFZ	145	C	
82	145	.59	63	PCT	11	P3	VS5	.88			VS5	VS5	.580	ZPUFZ	145	C	
82	145	.60	56	PCT	12	P3	VS3	.90			VS3	VS3	.580	ZPUFZ	216	H	
84	145	.93	77	PCT	17	P3	VS5	-.89			VS5	VS5	.580	ZPUFZ	145	C	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
94	145	.98	52	PCT	18	P3	BW1	2.06			07H	VS3	.580	ZPUMZ	235	H	X45
96	145	.96	72	PCT	17	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	231	H	X45
98	145	.99	66	PCT	17	P3	BW1	1.70			07H	VS3	.580	ZPUMZ	229	H	X45
100	145	.51	63	PCT	11	P5	VS2	.57			07H	VS3	.580	ZPUMZ	278	H	X60
106	145	.61	97	PCT	12	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	279	H	X60
108	145	.62	91	PCT	13	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	278	H	X60
112	145	.56	82	PCT	12	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	278	H	X60
122	145	.42	70	PCT	14	P2	BW1	1.80			TEC	TEH	.610	RBARD	162	H	
122	145	1.20	48	PCT	21	P3	BW1	1.74			07H	VS3	.580	ZPUMZ	279	H	X60
130	145	.38	51	PCT	13	P2	BW1	1.75			TEC	TEH	.610	RBARD	162	H	
130	145	.70	39	PCT	14	P5	BW1	-2.15			07H	VS3	.580	ZPUMZ	303	H	X75
130	145	.88	34	PCT	17	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	303	H	X75
1	146	.75	118	PCT	14	P3	02C	-.98			02C	02C	.600	ZPAHZ	30	C	
39	146	.21	72	SCI		P4	TSH	-10.59		.20	TSH	TSH	.600	ZPAHZ	59	H	
39	146	.44	38	SCI		P2	TSH	-10.59		.20	TSH	TSH	.600	ZPAHZ	59	H	
51	146	6.21	7	BID		P1	03C	9.66			TEH	TEC	.610	RBARD	70	C	
67	146	1.74	92	PCT	29	P2	08H	1.19			TEH	TEC	.610	RBARD	74	C	
67	146	2.36	76	PCT	34	P3	08H	1.33			08H	VS3	.580	ZPUFZ	216	H	
77	146	.61	87	PCT	12	P3	08H	-.11			08H	08H	.600	ZPAHZ	132	H	
77	146	.96	86	PCT	18	P3	08H	.89			08H	08H	.600	ZPAHZ	132	H	
103	146	.89	71	PCT	15	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	280	H	X60
105	146	1.10	76	PCT	18	P5	VS2	-.99			07H	VS3	.580	ZPUMZ	280	H	X60
109	146	.65	35	PCT	11	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	280	H	X60
113	146	.64	52	PCT	11	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	280	H	X60
115	146	.61	104	PCT	11	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	280	H	X60
121	146	.42	60	PCT	13	P2	09H	.78			TEC	TEH	.610	RBARD	163	H	
121	146	.94	32	PCT	16	P3	09H	.83			07H	VS3	.580	ZPUMZ	280	H	X60
125	146	.35	156	PCT	11	P2	BW1	1.95			TEC	TEH	.610	RBARD	163	H	
125	146	1.14	60	PCT	21	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	296	H	X75
129	146	1.31	71	PCT	22	P3	03C	-.94			03C	03C	.600	ZPAHZ	27	C	
129	146	.92	75	PCT	23	P2	03C	-.94			TEC	TEH	.610	RBARD	163	H	
129	146	.83	58	PCT	14	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	304	H	X75
131	146	.84	67	PCT	14	P3	03C	-.07			03C	03C	.600	ZPAHZ	149	C	
131	146	.81	70	PCT	14	P5	VS3	-.85			07H	VS3	.580	ZPUMZ	304	H	X75
30	147	.51	30	SVI		P3	03C	5.30		.30	03C	04C	.600	ZPAHZ	27	C	NC
30	147																PIT
60	147	1.19	20	SVI		P3	02C	7.70		.40	02C	03C	.600	ZPAHZ	27	C	NC
60	147																VID
60	147	3.96	3	BID		P1	02C	7.78			TEH	TEC	.610	RBARD	70	C	
66	147	1.06	114	PCT	21	P2	08C	-1.19			TEH	TEC	.610	RBARD	74	C	
66	147	1.99	76	PCT	29	P3	08C	-1.21			08C	VS5	.580	ZPUFZ	148	C	
68	147	1.23	64	PCT	21	P3	VS3	-.65			VS3	VS3	.580	ZPUFZ	216	H	
70	147	.60	122	PCT	10	P3	08H	.87			08H	08H	.600	ZPAHZ	135	H	
90	147	.60	50	PCT	12	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	236	H	X45
96	147	.69	64	PCT	13	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	231	H	X45
98	147	1.10	55	PCT	19	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	229	H	X45

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
106	147	.62	74	PCT	13	P5	BW1	-1.84			07H	VS3	.580	ZPUMZ	277	H	X60
106	147	.66	63	PCT	14	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	277	H	X60
108	147	.51	49	PCT	11	P5	BW1	-1.88			07H	VS3	.580	ZPUMZ	277	H	X60
110	147	.51	64	PCT	11	P5	BW1	-1.85			07H	VS3	.580	ZPUMZ	277	H	X60
114	147	.35	61	SVI		P3	04C	-2.22		.20	04C	04C	.600	ZPAHZ	149	C	NC
114	147																PIT
114	147	.52	63	PCT	11	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	277	H	X60
118	147	1.23	68	PCT	21	P3	BW1	1.62			07H	VS3	.580	ZPUMZ	277	H	X60
120	147	.76	76	PCT	16	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	277	H	X60
122	147	.48	109	PCT	10	P3	BW1	1.71			07H	VS3	.580	ZPUMZ	277	H	X60
71	148	.57	149	PCT	13	P2	VS3	-.92			TEH	TEC	.610	RBARD	74	C	
71	148	.74	75	PCT	14	P3	VS3	-.98			VS3	VS3	.580	ZPUFZ	216	H	
71	148	.81	74	PCT	14	P3	08H	.88			08H	08H	.600	ZPAHZ	337	H	
79	148	.70	97	PCT	16	P2	VS3	-.90			TEH	TEC	.610	RBARD	113	C	
79	148	.66	69	PCT	12	P3	VS5	.69			VS5	VS5	.580	ZPUFZ	145	C	
79	148	1.07	68	PCT	19	P3	VS3	-.80			VS3	VS3	.580	ZPUFZ	216	H	
79	148	.74	80	PCT	14	P3	VS3	.12			VS3	VS3	.580	ZPUFZ	216	H	
83	148	.90	57	PCT	16	P3	08H	1.04			08H	08H	.600	ZPAHZ	337	H	
91	148	.95	45	PCT	18	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	234	H	X45
91	148	1.04	47	PCT	19	P3	BW1	1.95			07H	VS3	.580	ZPUMZ	235	H	X45
93	148	1.10	62	SAI		P3	VS5	.57		.40	VS5	VS5	.580	ZPUFZ	145	C	
93	148	.97	116	SAI		P2	VS5	.57		.60	VS5	VS5	.580	ZPUFZ	145	C	
93	148	.61	51	PCT	12	P3	BW1	1.69			07H	VS3	.580	ZPUMZ	236	H	X45
99	148	.82	81	PCT	16	P3	BW1	2.02			07H	VS3	.580	ZPUMZ	228	H	X45
101	148	.63	54	PCT	13	P5	BW1	-2.11			07H	VS3	.580	ZPUMZ	278	H	X60
103	148	.68	32	PCT	13	P5	BW1	1.57			07H	VS3	.580	ZPUMZ	280	H	X60
105	148	.99	61	PCT	19	P5	BW1	-1.58			07H	VS3	.580	ZPUMZ	278	H	X60
105	148	.61	48	PCT	13	P5	BW1	1.39			07H	VS3	.580	ZPUMZ	278	H	X60
113	148	.77	50	SVI	16	P5	BW1	3.09		.40	07H	VS3	.580	ZPUMZ	278	H	TTW
113	148																X60
119	148	.69	35	PCT	13	P3	09H	-.16			07H	VS3	.580	ZPUMZ	279	H	X60
119	148	.67	23	PCT	13	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	279	H	X60
121	148	.43	137	PCT	13	P2	09H	.82			TEC	TEH	.610	RBARD	163	H	
121	148	.76	62	PCT	15	P3	09H	.87			07H	VS3	.580	ZPUMZ	278	H	X60
121	148	1.02	107	PCT	19	P3	BW1	2.04			07H	VS3	.580	ZPUMZ	278	H	X60
123	148	.80	68	PCT	15	P3	BW1	-1.87			07H	VS3	.580	ZPUMZ	279	H	X60
123	148	.78	72	PCT	14	P3	BW1	1.94			07H	VS3	.580	ZPUMZ	279	H	X60
127	148	.67	122	PCT	20	P2	VS1	.68			TEC	TEH	.610	RBARD	161	H	
127	148	.81	80	PCT	16	P5	VS1	.79			07H	VS3	.580	ZPUMZ	298	H	X75
131	148	.93	71	PCT	16	P5	BW1	2.11			07H	VS3	.580	ZPUMZ	304	H	X75
62	149	1.05	103	PCT	19	P3	BW1	2.04			BW1	VS3	.580	ZPUFZ	219	H	
66	149	1.25	57	PCT	22	P3	08H	1.36			08H	VS3	.580	ZPUFZ	219	H	
76	149	1.34	67	PCT	28	P2	VS3	.67			TEH	TEC	.610	RBARD	112	C	
76	149	1.57	66	PCT	26	P3	VS3	.87			VS3	VS3	.580	ZPUFZ	219	H	
96	149	.71	46	PCT	13	P3	BW1	-1.79			07H	VS3	.580	ZPUMZ	231	H	X45
96	149	1.52	63	PCT	24	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	231	H	X45
104	149	.43	144	PCT	13	P2	BW1	1.88			TEH	TEC	.610	RBARD	112	C	
104	149	1.01	40	PCT	20	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	277	H	X60
108	149	.99	53	PCT	16	P5	BW1	-1.76			07H	VS3	.580	ZPUMZ	280	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
116	149	.34	42	PCT	12	P2	09H	.00			TEC	TEH	.610	RBARD	164	H	DQA
116	149	1.23	70	PCT	20	P3	09H	.10			07H	VS3	.580	ZPUMZ	280	H	X60
120	149	.87	74	PCT	15	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	280	H	X60
124	149	.77	71	PCT	15	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	277	H	X60
1	150	1.07	83	PCT	18	P3	02C	.91			02C	02C	.600	ZPAHZ	149	C	
47	150	.72	92	PCT	14	P3	VS4	.76			VS4	VS4	.580	ZPUFZ	219	H	
53	150	1.18	55	PCT	21	P3	BW1	-1.83			BW1	VS3	.580	ZPUFZ	219	H	
53	150	1.35	52	PCT	23	P3	BW1	1.86			BW1	VS3	.580	ZPUFZ	219	H	
61	150	.71	106	PCT	19	P2	BW1	1.81			TEH	TEC	.610	RBARD	73	C	
61	150	.88	69	PCT	17	P3	BW1	-1.71			BW1	VS3	.580	ZPUFZ	219	H	
61	150	1.90	86	PCT	30	P3	BW1	2.02			BW1	VS3	.580	ZPUFZ	219	H	
63	150	.70	114	PCT	16	P2	BW1	2.09			TEH	TEC	.610	RBARD	74	C	
63	150	1.37	87	PCT	24	P3	BW1	2.02			BW1	VS3	.580	ZPUFZ	219	H	
65	150	.71	33	SAI		P2	TSH	-13.78		.30	TSH	TSH	.600	ZPAHZ	60	H	
65	150	1.64	23	SAI		P3	TSH	-13.78		.20	TSH	TSH	.600	ZPAHZ	60	H	
65	150	.71	75	MCI		P2	TSH	-11.86		.30	TSH	TSH	.600	ZPAHZ	60	H	
65	150	.78	29	MCI		P4	TSH	-11.86		.20	TSH	TSH	.600	ZPAHZ	60	H	
65	150	1.81	31	MCI		P4	TSH	-11.28		.60	TSH	TSH	.600	ZPAHZ	60	H	
65	150	3.22	42	MCI		P2	TSH	-11.28		.60	TSH	TSH	.600	ZPAHZ	60	H	
67	150	.64	36	PCT	15	P2	08H	.90			TEH	TEC	.610	RBARD	74	C	
67	150	.79	81	PCT	15	P3	08H	.79			08H	VS3	.580	ZPUFZ	219	H	
67	150	.77	63	PCT	15	P3	BW1	-1.48			08H	VS3	.580	ZPUFZ	219	H	
73	150	.56	75	PCT	10	P3	08H	.79			08H	08H	.600	ZPAHZ	135	H	
95	150	.61	48	PCT	12	P3	BW1	1.71			07H	VS3	.580	ZPUMZ	234	H	X45
99	150	.61	63	PCT	12	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	228	H	X45
101	150	.67	63	PCT	14	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	277	H	X60
109	150	.76	75	PCT	15	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	286	H	X60
113	150	.78	123	PCT	16	P5	BW1	2.04			07H	VS3	.580	ZPUMZ	278	H	X60
117	150	.30	88	PCT	10	P2	BW1	1.79			TEC	TEH	.610	RBARD	163	H	DQA
117	150	1.13	65	PCT	21	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	277	H	X60
121	150	.50	130	PCT	15	P2	BW1	1.75			TEC	TEH	.610	RBARD	163	H	
121	150	1.70	42	PCT	27	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	277	H	X60
123	150	.39	107	PCT	13	P2	BW1	1.92			TEC	TEH	.610	RBARD	161	H	
123	150	.45	81	PCT	10	P5	BW1	-1.97			07H	VS3	.580	ZPUMZ	278	H	X60
123	150	1.20	72	PCT	22	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	278	H	X60
129	150	1.02	64	PCT	17	P3	VS5	-.86			VS5	VS5	.580	ZPUFZ	148	C	
20	151	.64	50	PCT	13	P3	05H	-.97			05H	05H	.600	ZPAHZ	143	H	
36	151	.69	70	PCT	14	P3	VS4	.76			VS4	VS4	.580	ZPUFZ	219	H	
52	151	.93	99	PCT	17	P3	BW1	1.75			BW1	VS3	.580	ZPUFZ	219	H	
70	151	.55	144	PCT	13	P2	08H	-.89			TEH	TEC	.610	RBARD	74	C	
70	151	13.18	11	BID		P1	BW1	-1.65			TEH	TEC	.610	RBARD	74	C	
70	151	.90	65	PCT	15	P3	08H	-.87			08H	08H	.600	ZPAHZ	135	H	
70	151	.69	110	PCT	12	P3	08H	1.04			08H	08H	.600	ZPAHZ	135	H	
74	151	1.01	63	PCT	19	P3	VS3	-.62			VS3	VS3	.580	ZPUFZ	219	H	
76	151	1.41	109	PCT	29	P2	VS3	.72			TEH	TEC	.610	RBARD	112	C	
76	151	.70	93	PCT	18	P2	VS5	.96			TEH	TEC	.610	RBARD	112	C	
76	151	.98	89	PCT	17	P3	VS5	.85			VS5	VS5	.580	ZPUFZ	145	C	
76	151	2.10	81	PCT	32	P3	VS3	.69			VS3	VS3	.580	ZPUFZ	219	H	
82	151	.71	91	PCT	14	P3	08H	.84			08H	08H	.600	ZPAHZ	135	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
90	151	.65	42	PCT	12	P3	BW1	1.58			BW1	VS3	.580	ZPUMZ	236	H	X45
92	151	.64	91	PCT	13	P3	BW1	1.73			07H	VS3	.580	ZPUMZ	234	H	X45
98	151	.98	34	PCT	17	P3	BW1	-1.24			07H	VS3	.580	ZPUMZ	229	H	X45
98	151	1.05	48	PCT	18	P3	BW1	1.56			07H	VS3	.580	ZPUMZ	229	H	X45
106	151	.59	62	PCT	13	P5	BW1	1.67			07H	VS3	.580	ZPUMZ	278	H	X60
114	151	.70	74	PCT	15	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	277	H	X60
116	151	.60	47	PCT	13	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	278	H	X60
120	151	.37	72	PCT	13	P2	BW1	1.77			TEC	TEH	.610	RBARD	162	H	
120	151	1.24	80	PCT	23	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	278	H	X60
122	151	.68	53	PCT	13	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	279	H	X60
124	151	.44	101	PCT	14	P2	BW1	1.85			TEC	TEH	.610	RBARD	162	H	
124	151	1.13	107	PCT	19	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	280	H	X60
47	152	4.97	3	BID		P1	03H	11.65			TEH	TEC	.610	RBARD	70	C	
51	152	.74	91	PCT	14	P3	BW1	-1.90			BW1	VS4	.580	ZPUFZ	219	H	
51	152	1.13	84	PCT	20	P3	BW1	2.02			BW1	VS4	.580	ZPUFZ	219	H	
53	152	.53	95	PCT	11	P3	BW1	-2.11			BW1	VS3	.580	ZPUFZ	219	H	
53	152	1.42	98	PCT	24	P3	BW1	2.02			BW1	VS3	.580	ZPUFZ	219	H	
63	152	.47	52	PCT	11	P2	BW1	-1.91			TEH	TEC	.610	RBARD	74	C	
63	152	1.13	136	PCT	22	P2	BW1	1.94			TEH	TEC	.610	RBARD	74	C	
63	152	1.42	73	PCT	24	P3	BW1	-1.85			BW1	VS3	.580	ZPUFZ	219	H	
63	152	2.49	65	PCT	35	P3	BW1	1.69			BW1	VS3	.580	ZPUFZ	219	H	
67	152	1.65	19	SVI		P3	06C	22.35		.40	06C	07C	.600	ZPAHZ	27	C	NC
67	152																VID
67	152	.88	81	PCT	19	P2	08H	.11			TEH	TEC	.610	RBARD	74	C	
67	152	4.74	8	BID		P1	06C	22.45			TEH	TEC	.610	RBARD	74	C	
67	152	1.53	84	PCT	25	P3	08H	.04			08H	VS3	.580	ZPUFZ	219	H	
67	152	1.03	81	PCT	19	P3	BW1	-1.78			08H	VS3	.580	ZPUFZ	219	H	
89	152	.70	88	PCT	13	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	237	H	X45
91	152	.72	47	PCT	14	P3	BW1	-2.00			07H	VS3	.580	ZPUMZ	235	H	X45
105	152	.54	77	PCT	11	P5	BW1	1.50			07H	VS3	.580	ZPUMZ	286	H	X60
107	152	.83	73	PCT	14	P5	BW1	1.71			07H	VS3	.580	ZPUMZ	280	H	X60
109	152	.74	53	PCT	15	P5	BW1	1.64			07H	VS3	.580	ZPUMZ	277	H	X60
111	152	1.05	56	PCT	17	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	280	H	X60
113	152	.66	105	PCT	14	P5	BW1	1.67			07H	VS3	.580	ZPUMZ	278	H	X60
115	152	.62	62	PCT	12	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	279	H	X60
117	152	.31	49	PCT	11	P2	09H	-.91			TEC	TEH	.610	RBARD	161	H	DQA
117	152	.57	63	PCT	11	P3	09H	-.98			07H	VS3	.580	ZPUMZ	280	H	X60
117	152	1.10	90	PCT	19	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	280	H	X60
121	152	1.06	90	PCT	18	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	280	H	X60
123	152	.47	120	PCT	14	P2	BW1	1.79			TEC	TEH	.610	RBARD	163	H	
123	152	1.53	69	PCT	25	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	277	H	X60
125	152	.66	104	PCT	12	P3	03C	.78			03C	03C	.600	ZPAHZ	27	C	
52	153	.82	112	PCT	16	P3	BW1	1.85			BW1	VS3	.580	ZPUFZ	219	H	
60	153	.57	101	PCT	14	P2	BW1	2.09			TEH	TEC	.610	RBARD	70	C	
60	153	1.41	91	PCT	24	P3	BW1	1.94			BW1	VS3	.580	ZPUFZ	219	H	
62	153	.80	109	PCT	21	P2	BW1	1.98			TEH	TEC	.610	RBARD	73	C	
62	153	2.09	88	PCT	31	P3	BW1	2.24			BW1	VS3	.580	ZPUFZ	219	H	
66	153	.92	136	PCT	22	P2	08H	1.70			TEH	TEC	.610	RBARD	73	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
66	153	.50	35	PCT	14	P2	BW1	-1.97			TEH	TEC	.610	RBARD	73	C	
66	153	.48	97	PCT	10	P3	08H	1.67			08H	VS3	.580	ZPUFZ	219	H	
66	153	1.48	93	PCT	25	P3	BW1	-1.71			08H	VS3	.580	ZPUFZ	219	H	
68	153	.73	114	PCT	14	P3	08H	-.98			08H	VS3	.580	ZPUFZ	219	H	
68	153	1.39	93	PCT	24	P3	08H	1.00			08H	VS3	.580	ZPUFZ	219	H	
90	153	.57	71	PCT	11	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	236	H	X45
96	153	.83	62	PCT	16	P3	BW1	1.55			07H	VS3	.580	ZPUMZ	234	H	X45
102	153	.64	29	PCT	13	P5	BW1	-1.98			07H	VS3	.580	ZPUMZ	287	H	X60
110	153	1.11	86	PCT	20	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	279	H	X60
112	153	.55	72	PCT	12	P5	VS2	-.75			07H	VS3	.580	ZPUMZ	277	H	X60
114	153	1.12	70	PCT	19	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	280	H	X60
116	153	.64	56	PCT	13	P5	BW1	-1.82			07H	VS3	.580	ZPUMZ	277	H	X60
116	153	1.00	69	PCT	19	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	277	H	X60
118	153	1.00	51	PCT	19	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	278	H	X60
120	153	.59	76	PCT	11	P3	BW1	-1.75			07H	VS3	.580	ZPUMZ	279	H	X60
120	153	.64	74	PCT	12	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	279	H	X60
59	154	.91	71	PCT	17	P3	07H	-.96			07H	07H	.600	ZPAHZ	337	H	
63	154	.54	123	PCT	13	P2	BW1	1.62			TEH	TEC	.610	RBARD	74	C	
63	154	1.74	80	PCT	28	P3	BW1	1.64			BW1	VS3	.580	ZPUFZ	219	H	
65	154	1.65	15	SVI		P3	VS5	13.00		.70	BW2	VS5	.580	ZPUFZ	148	C	PID
65	154																VID
69	154	.97	84	PCT	16	P3	08H	.74			07H	08H	.600	ZPAHZ	135	H	
71	154	.58	142	PCT	14	P2	VS3	1.00			TEH	TEC	.610	RBARD	74	C	
71	154	1.26	80	PCT	22	P3	VS3	.83			VS3	VS3	.580	ZPUFZ	219	H	
77	154	.59	61	PCT	12	P3	BW1	-2.24			BW1	VS3	.580	ZPUFZ	219	H	
77	154	.68	67	PCT	13	P3	BW1	2.24			BW1	VS3	.580	ZPUFZ	219	H	
87	154	1.12	88	PCT	20	P3	BW1	2.24			BW1	VS3	.580	ZPUFZ	219	H	
97	154	.69	94	PCT	14	P3	BW1	1.54			07H	VS3	.580	ZPUMZ	234	H	X45
111	154	.95	55	PCT	18	P5	BW1	2.08			07H	VS3	.580	ZPUMZ	278	H	X60
113	154	.61	94	PCT	12	P3	VS5	-.85			VS5	VS5	.580	ZPUFZ	145	C	
113	154	.35	112	PCT	12	P2	VS5	-.91			TEC	TEH	.610	RBARD	171	H	
113	154	.55	66	PCT	11	P3	BW1	-2.06			07H	VS3	.580	ZPUMZ	279	H	X60
113	154	.70	101	PCT	13	P3	BW1	2.06			07H	VS3	.580	ZPUMZ	279	H	X60
113	154	.86	71	PCT	16	P5	VS2	-.93			07H	VS3	.580	ZPUMZ	279	H	X60
113	154	.75	72	PCT	14	P5	VS3	-1.03			07H	VS3	.580	ZPUMZ	279	H	X60
113	154	.58	106	PCT	11	P5	VS3	.72			07H	VS3	.580	ZPUMZ	279	H	X60
115	154	1.04	70	PCT	20	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	278	H	X60
121	154	.59	61	PCT	13	P5	BW1	-2.16			07H	VS3	.580	ZPUMZ	277	H	X60
30	155	.72	90	PCT	14	P3	BW1	2.10			BW1	VS4	.580	ZPUFZ	219	H	
56	155	1.01	85	PCT	19	P3	BW1	-1.77			BW1	VS3	.580	ZPUFZ	219	H	
62	155	.70	90	PCT	18	P2	BW1	1.75			TEH	TEC	.610	RBARD	116	C	
62	155	1.86	85	PCT	29	P3	BW1	2.05			BW1	VS3	.580	ZPUFZ	219	H	
66	155	.49	148	PCT	12	P2	BW1	-1.93			TEH	TEC	.610	RBARD	74	C	
66	155	.45	52	PCT	10	P3	08H	1.30			08H	VS3	.580	ZPUFZ	219	H	
66	155	1.06	99	PCT	20	P3	BW1	-2.07			08H	VS3	.580	ZPUFZ	219	H	
72	155	.61	65	PCT	12	P3	VS3	-.69			VS3	VS3	.580	ZPUFZ	219	H	
76	155	.87	114	PCT	17	P3	VS3	-.61			VS3	VS3	.580	ZPUFZ	219	H	
80	155	.64	124	PCT	17	P2	VS3	1.10			TEH	TEC	.610	RBARD	112	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
80	155	1.00	84	PCT	18	P3	VS3	.97			VS3	VS3	.580	ZPUFZ	219	H	
88	155	1.71	89	PCT	28	P3	BW1	2.22			BW1	VS3	.580	ZPUFZ	219	H	
92	155	.61	74	PCT	12	P3	BW1	-1.95			07H	VS3	.580	ZPUMZ	236	H	X45
96	155	.70	61	PCT	13	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	236	H	X45
100	155	.65	33	PCT	13	P5	BW1	-1.80			07H	VS3	.580	ZPUMZ	287	H	X60
102	155	.58	72	PCT	11	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	287	H	X60
110	155	.95	78	PCT	18	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	286	H	X60
112	155	.84	45	PCT	14	P5	BW1	-1.85			07H	BW1	.580	ZPUMZ	280	H	X60
112	155	.88	58	PCT	15	P5	BW1	1.80			07H	BW1	.580	ZPUMZ	280	H	X60
114	155	.90	59	PCT	18	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	277	H	X60
114	155	1.09	47	PCT	21	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	277	H	X60
116	155	.66	75	PCT	12	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	280	H	X60
118	155	.56	44	PCT	12	P5	BW1	-1.41			07H	VS3	.580	ZPUMZ	277	H	X60
118	155	.51	75	PCT	11	P5	BW1	1.28			07H	VS3	.580	ZPUMZ	277	H	X60
21	156	.57	41	SVI		P3	04C	35.52		.20	04C	05C	.600	ZPAHZ	149	C	NC
21	156																PIT
65	156	.43	123	PCT	13	P2	BW1	-2.23			TEH	TEC	.610	RBARD	73	C	
65	156	1.26	71	PCT	22	P3	BW1	-1.70			BW1	VS3	.580	ZPUFZ	219	H	
75	156	.74	74	PCT	12	P3	08H	.80			08H	08H	.600	ZPAHZ	135	H	
77	156	.75	70	PCT	14	P3	VS3	.88			VS3	VS3	.580	ZPUFZ	219	H	
93	156	1.07	59	PCT	19	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	236	H	X45
101	156	.65	82	PCT	13	P5	BW1	1.57			07H	VS3	.580	ZPUMZ	286	H	X60
103	156	.69	61	PCT	13	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	287	H	X60
105	156	.90	45	PCT	17	P5	BW1	1.72			07H	VS3	.580	ZPUMZ	286	H	X60
111	156	1.09	73	PCT	20	P5	BW1	1.55			07H	VS3	.580	ZPUMZ	277	H	X60
115	156	.69	114	PCT	13	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	279	H	X60
119	156	.94	34	PCT	17	P3	09H	.78			07H	VS3	.580	ZPUMZ	279	H	X60
119	156	.73	29	PCT	14	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	279	H	X60
52	157	.63	101	PCT	13	P3	BW1	-1.66			BW1	VS3	.580	ZPUFZ	219	H	
52	157	1.12	101	PCT	20	P3	BW1	2.12			BW1	VS3	.580	ZPUFZ	219	H	
52	157	1.02	71	PCT	19	P3	VS3	-.22			BW1	VS3	.580	ZPUFZ	219	H	
68	157	.44	44	PCT	13	P2	08H	-.81			TEH	TEC	.610	RBARD	73	C	
68	157	.60	80	PCT	17	P2	08H	1.07			TEH	TEC	.610	RBARD	73	C	
68	157	.79	97	PCT	15	P3	08H	-.79			08H	VS3	.580	ZPUFZ	219	H	
68	157	.98	78	PCT	18	P3	08H	1.06			08H	VS3	.580	ZPUFZ	219	H	
68	157	1.17	97	PCT	21	P3	BW1	-1.90			08H	VS3	.580	ZPUFZ	219	H	
70	157	.92	73	PCT	16	P3	08H	.90			08H	08H	.600	ZPAHZ	337	H	
72	157	1.40	93	PCT	24	P3	BW1	1.94			BW1	VS3	.580	ZPUFZ	219	H	
74	157	.69	48	PCT	14	P3	BW1	-1.80			BW1	VS3	.580	ZPUFZ	219	H	
78	157	1.03	45	PCT	24	P2	VS3	.88			TEH	TEC	.610	RBARD	114	C	
78	157	1.48	77	PCT	25	P3	VS3	.92			VS3	VS3	.580	ZPUFZ	219	H	
80	157	.79	97	PCT	17	P2	VS3	1.04			TEH	TEC	.610	RBARD	115	C	
80	157	.42	106	PCT	10	P2	VS5	-.83			TEH	TEC	.610	RBARD	115	C	
80	157	.64	74	PCT	12	P3	VS5	-.97			VS5	VS5	.580	ZPUFZ	148	C	
80	157	1.36	87	PCT	22	P3	VS5	.70			VS5	VS5	.580	ZPUFZ	148	C	
80	157	1.13	101	PCT	20	P3	VS3	1.12			VS3	VS3	.580	ZPUFZ	219	H	
94	157	1.45	68	PCT	24	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	236	H	X45

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
96	157	.00	0	SAI		P2	VS5	-.71		.00	VS5	VS5	.580	ZPUFZ	148	C	
96	157	.40	95	SAI		P3	VS5	-.71		.30	VS5	VS5	.580	ZPUFZ	148	C	
108	157	.68	83	PCT	13	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	287	H	X60
112	157	.64	77	PCT	12	P3	BW1	-1.79			07H	VS3	.580	ZPUMZ	279	H	X60
114	157	.61	90	PCT	11	P5	BW1	-1.70			07H	VS3	.580	ZPUMZ	280	H	X60
116	157	.87	66	PCT	16	P3	09H	1.03			07H	VS3	.580	ZPUMZ	277	H	X60
116	157	.80	58	PCT	16	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	277	H	X60
118	157	.74	77	PCT	13	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	280	H	X60
25	158	.75	57	PCT	14	P3	VS4	-.81			VS4	VS4	.580	ZPUFZ	219	H	
33	158	1.31	59	SCI		P2	TSH	-13.69		.40	TSH	TSH	.600	ZPAHZ	142	H	
33	158	2.10	39	SCI		P4	TSH	-13.69		.30	TSH	TSH	.600	ZPAHZ	142	H	RBI
63	158	.47	118	PCT	11	P2	BW1	1.98			TEH	TEC	.610	RBARD	74	C	
63	158	1.40	87	PCT	24	P3	BW1	2.00			BW1	VS3	.580	ZPUFZ	219	H	
67	158	.66	107	PCT	15	P2	08H	-1.07			TEH	TEC	.610	RBARD	74	C	
67	158	.72	55	PCT	16	P2	BW1	-2.06			TEH	TEC	.610	RBARD	74	C	
67	158	1.02	72	PCT	19	P3	08H	-1.01			08H	VS3	.580	ZPUFZ	219	H	
67	158	1.26	84	PCT	22	P3	BW1	-2.02			08H	VS3	.580	ZPUFZ	219	H	
69	158	.71	83	PCT	12	P3	08H	.88			08H	08H	.600	ZPAHZ	135	H	
77	158	.80	85	PCT	16	P3	BW1	-2.06			BW1	VS3	.580	ZPUFZ	219	H	
77	158	.60	51	PCT	12	P3	VS3	-.88			BW1	VS3	.580	ZPUFZ	219	H	
79	158	1.00	51	PCT	19	P3	VS3	1.10			VS3	VS3	.580	ZPUFZ	219	H	
81	158	1.18	90	PCT	26	P2	VS3	1.00			TEH	TEC	.610	RBARD	114	C	
81	158	.85	104	PCT	21	P2	VS5	.67			TEH	TEC	.610	RBARD	114	C	
81	158	1.69	64	PCT	26	P3	VS5	-.21			VS5	VS5	.580	ZPUFZ	148	C	
81	158	1.36	65	PCT	22	P3	VS5	.40			VS5	VS5	.580	ZPUFZ	148	C	
81	158	.60	60	PCT	12	P3	VS3	-.93			VS3	VS3	.580	ZPUFZ	219	H	
81	158	1.40	69	PCT	24	P3	VS3	1.25			VS3	VS3	.580	ZPUFZ	219	H	
105	158	.65	93	PCT	13	P5	VS2	-.92			07H	VS3	.580	ZPUMZ	287	H	X60
117	158	.90	78	PCT	16	P3	BW1	1.90			07H	VS3	.580	ZPUMZ	279	H	X60
2	159	.85	106	PCT	15	P3	02C	-.88			02C	02C	.600	ZPAHZ	30	C	
14	159	.82	43	SCI		P4	TSH	-13.25		.30	TSH	TSH	.600	ZPAHZ	45	H	
14	159	.88	55	SCI		P2	TSH	-13.25		.20	TSH	TSH	.600	ZPAHZ	45	H	
56	159	.54	26	PCT	11	P3	07H	-.12			07H	07H	.600	ZPAHZ	337	H	
56	159	.63	38	PCT	11	P3	07H	.92			07H	07H	.600	ZPAHZ	337	H	
62	159	1.39	81	PCT	24	P3	BW1	1.94			BW1	VS3	.580	ZPUFZ	219	H	
64	159	.40	94	PCT	12	P2	BW1	2.01			TEH	TEC	.610	RBARD	73	C	
64	159	1.15	96	PCT	21	P3	BW1	1.78			07H	VS3	.580	ZPUFZ	219	H	
98	159	1.50	58	PCT	25	P3	BW1	1.66			07H	VS3	.580	ZPUMZ	234	H	X45
100	159	.52	61	PCT	11	P3	08H	-.84			07H	VS3	.580	ZPUMZ	287	H	X60
102	159	.60	51	PCT	12	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	287	H	X60
104	159	.82	65	PCT	15	P3	BW1	1.78			07H	VS3	.580	ZPUFZ	354	H	
116	159	.92	86	PCT	16	P3	09C	-1.08			09C	09C	.600	ZPAHZ	31	C	
116	159	.45	106	PCT	13	P2	09C	-1.12			TEC	TEH	.610	RBARD	173	H	DQA
116	159	.69	83	PCT	13	P3	09H	.94			07H	VS3	.580	ZPUMZ	280	H	X60
1	160	2.18	86	PCT	31	P3	02C	.01			02C	02C	.600	ZPAHZ	30	C	
1	160	1.39	104	PCT	28	P2	02C	.11			07C	TEC	.610	RBARD	38	C	
51	160	1.49	75	PCT	25	P3	BW1	1.73			BW1	VS4	.580	ZPUFZ	219	H	
53	160	.99	106	PCT	18	P3	BW1	1.30			BW1	VS3	.580	ZPUFZ	219	H	
53	160	1.01	80	PCT	19	P3	VS3	-.92			BW1	VS3	.580	ZPUFZ	219	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
61	160	1.08	85	PCT	20	P3	BW1	2.11			BW1	VS3	.580	ZPUFZ	222	H	
67	160	1.37	91	PCT	24	P3	BW1	-2.08			08H	VS3	.580	ZPUFZ	222	H	
83	160	1.09	133	PCT	21	P2	VS3	-.87			TEH	TEC	.610	RBARD	115	C	
83	160	1.34	72	PCT	24	P3	VS3	-.90			VS3	VS3	.580	ZPUFZ	222	H	
103	160	.84	61	PCT	16	P5	BW1	1.55			07H	VS3	.580	ZPUMZ	287	H	X60
105	160	.80	101	PCT	15	P5	BW1	2.09			07H	VS3	.580	ZPUMZ	286	H	X60
107	160	.95	70	PCT	16	P3	BW2	1.94			BW2	VS5	.580	ZPUFZ	148	C	
107	160	1.07	79	PCT	19	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	287	H	X60
109	160	.79	80	PCT	15	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	287	H	X60
113	160	.84	45	PCT	14	P5	BW1	-2.01			07H	VS3	.580	ZPUMZ	280	H	X60
62	161	1.07	87	PCT	20	P3	BW1	2.03			BW1	VS3	.580	ZPUFZ	222	H	
64	161	.45	36	PCT	13	P2	BW1	2.06			TEH	TEC	.610	RBARD	73	C	
64	161	.81	106	PCT	16	P3	BW1	-1.79			07H	VS3	.580	ZPUFZ	222	H	
64	161	1.15	105	PCT	21	P3	BW1	2.00			07H	VS3	.580	ZPUFZ	222	H	
66	161	.37	70	PCT	9	P2	BW1	-2.04			TEH	TEC	.610	RBARD	74	C	
66	161	.93	50	PCT	18	P3	BW1	-1.94			08H	VS3	.580	ZPUFZ	222	H	
66	161	.74	38	PCT	15	P3	BW1	1.88			08H	VS3	.580	ZPUFZ	222	H	
68	161	.71	76	PCT	19	P2	08H	1.02			TEH	TEC	.610	RBARD	73	C	
68	161	.89	74	PCT	17	P3	08H	.84			08H	VS3	.580	ZPUFZ	222	H	
68	161	1.11	84	PCT	20	P3	BW1	1.93			08H	VS3	.580	ZPUFZ	222	H	
78	161	1.30	115	PCT	24	P2	VS3	-.90			TEH	TEC	.610	RBARD	115	C	
78	161	.85	53	PCT	15	P3	VS5	-.89			VS5	VS5	.580	ZPUFZ	148	C	
78	161	1.62	59	PCT	27	P3	VS3	-.79			VS3	VS3	.580	ZPUFZ	222	H	
84	161	.56	96	PCT	12	P3	VS3	-.78			VS3	VS3	.580	ZPUFZ	222	H	
86	161	1.18	97	PCT	21	P3	BW1	1.95			BW1	VS3	.580	ZPUFZ	222	H	
98	161	1.35	70	PCT	22	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	237	H	X45
102	161	.55	73	PCT	11	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	286	H	X60
104	161	.86	73	PCT	16	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	287	H	X60
106	161	.55	96	PCT	13	P2	BW1	-1.75			TEH	TEC	.610	RBARD	115	C	
106	161	.88	87	PCT	17	P5	BW1	-1.93			07H	VS3	.580	ZPUMZ	286	H	X60
106	161	1.21	62	PCT	21	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	286	H	X60
108	161	1.04	81	PCT	18	P5	BW1	1.67			07H	VS3	.580	ZPUMZ	290	H	X60
110	161	.74	60	PCT	13	P3	BW2	1.72			BW2	VS5	.580	ZPUFZ	148	C	
110	161	.60	83	PCT	12	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	287	H	X60
39	162	6.16	10	MVI		P3	05C	32.20		.30	05C	06C	.600	ZPAHZ	27	C	NC
39	162																VID
39	162	9.24	14	MVI		P3	05C	37.55		.30	05C	06C	.600	ZPAHZ	27	C	PID
39	162																VID
39	162	3.79	8	BID		P1	05C	32.34			TEH	TEC	.610	RBARD	60	C	
39	162	6.92	12	BID		P1	05C	37.42			TEH	TEC	.610	RBARD	60	C	
51	162	.57	122	PCT	12	P3	BW1	2.25			BW1	VS3	.580	ZPUFZ	222	H	
53	162	.75	120	PCT	15	P3	BW1	-2.03			BW1	VS3	.580	ZPUFZ	222	H	
53	162	1.19	108	PCT	22	P3	BW1	2.15			BW1	VS3	.580	ZPUFZ	222	H	
63	162	.59	123	PCT	14	P2	BW1	1.87			TEH	TEC	.610	RBARD	74	C	
63	162	1.46	94	PCT	25	P3	BW1	2.00			BW1	VS3	.580	ZPUFZ	222	H	
65	162	.81	132	PCT	20	P2	BW1	1.75			TEH	TEC	.610	RBARD	116	C	DQA
65	162	.74	52	PCT	15	P3	BW1	-1.78			BW1	VS3	.580	ZPUFZ	222	H	
65	162	1.89	78	PCT	30	P3	BW1	1.61			BW1	VS3	.580	ZPUFZ	222	H	
69	162	.71	67	PCT	12	P3	08H	.95			08H	08H	.600	ZPAHZ	135	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
73	162	.67	83	PCT	12	P3	VS5	-.81			VS5	VS5	.580	ZPUFZ	148	C	
81	162	.67	78	PCT	18	P2	VS3	-.71			TEH	TEC	.610	RBARD	114	C	
81	162	1.20	82	PCT	20	P3	VS5	.17			VS5	VS5	.580	ZPUFZ	148	C	
81	162	1.01	70	PCT	19	P3	VS3	-.68			VS3	VS3	.580	ZPUFZ	222	H	
99	162	.55	51	PCT	11	P3	BW1	1.76			07H	VS3	.580	ZPUMZ	236	H	X45
101	162	.99	77	PCT	17	P3	03C	-1.03			03C	03C	.600	ZPAHZ	149	C	
101	162	.58	59	PCT	11	P5	BW1	-1.97			07H	VS3	.580	ZPUMZ	287	H	X60
103	162	.61	87	PCT	12	P5	BW1	-2.03			07H	VS3	.580	ZPUMZ	286	H	X60
103	162	.63	77	PCT	13	P5	VS2	.22			07H	VS3	.580	ZPUMZ	286	H	X60
105	162	.71	52	PCT	14	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	287	H	X60
107	162	.92	25	PCT	17	P5	BW1	-1.88			07H	VS3	.580	ZPUMZ	286	H	X60
107	162	.90	26	PCT	17	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	286	H	X60
109	162	.62	78	PCT	12	P5	BW1	-.73			07H	VS3	.580	ZPUMZ	290	H	X60
111	162	1.00	69	PCT	18	P5	BW1	-1.85			07H	VS3	.580	ZPUMZ	290	H	X60
50	163	.51	121	PCT	12	P2	BW1	1.93			TEH	TEC	.610	RBARD	72	C	
50	163	1.32	90	PCT	23	P3	BW1	2.00			BW1	VS4	.580	ZPUFZ	222	H	
62	163	.61	132	PCT	16	P2	BW1	1.75			TEH	TEC	.610	RBARD	116	C	
62	163	.69	85	PCT	14	P3	BW1	-1.91			BW1	VS3	.580	ZPUFZ	222	H	
62	163	1.55	88	PCT	26	P3	BW1	1.85			BW1	VS3	.580	ZPUFZ	222	H	
64	163	.55	144	PCT	15	P2	BW1	1.76			TEH	TEC	.610	RBARD	116	C	DQA
64	163	.65	70	PCT	13	P3	BW1	-1.75			07H	VS3	.580	ZPUFZ	222	H	
64	163	1.36	91	PCT	24	P3	BW1	1.86			07H	VS3	.580	ZPUFZ	222	H	
72	163	.61	135	PCT	17	P2	VS3	-.90			TEH	TEC	.610	RBARD	73	C	
72	163	1.01	79	PCT	24	P2	VS3	1.10			TEH	TEC	.610	RBARD	73	C	
72	163	.48	77	PCT	14	P2	VS5	-.81			TEH	TEC	.610	RBARD	73	C	
72	163	.78	57	PCT	14	P3	VS5	-.85			VS5	VS5	.580	ZPUFZ	148	C	
72	163	.83	94	PCT	16	P3	VS3	-.88			VS3	VS3	.580	ZPUFZ	222	H	
72	163	1.58	63	PCT	27	P3	VS3	.97			VS3	VS3	.580	ZPUFZ	222	H	
76	163	.72	77	PCT	14	P3	VS3	-.71			VS3	VS3	.580	ZPUFZ	222	H	
92	163	.47	115	PCT	14	P2	08H	.91			TEH	TEC	.610	RBARD	114	C	
92	163	.56	37	PCT	10	P3	08H	-.97			08H	08H	.600	ZPAHZ	135	H	
92	163	.83	35	PCT	14	P3	08H	.94			08H	08H	.600	ZPAHZ	135	H	
96	163	.91	67	PCT	18	P3	BW1	1.73			BW1	VS3	.580	ZPUFZ	222	H	
102	163	.58	123	PCT	13	P2	BW1	2.06			TEH	TEC	.610	RBARD	115	C	
102	163	1.01	83	PCT	18	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	287	H	X60
104	163	.90	61	PCT	17	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	286	H	X60
106	163	.74	55	PCT	14	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	287	H	X60
108	163	1.18	94	PCT	22	P2	BW1	1.81			TEH	TEC	.610	RBARD	115	C	
108	163	2.11	74	PCT	30	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	290	H	X60
79	164	.88	97	PCT	17	P3	VS3	1.05			VS3	VS3	.580	ZPUFZ	222	H	
87	164	.72	121	PCT	16	P2	BW1	2.04			TEH	TEC	.610	RBARD	115	C	
87	164	1.65	89	PCT	27	P3	BW1	2.22			BW1	VS3	.580	ZPUFZ	222	H	
97	164	.79	61	PCT	16	P3	BW1	1.60			BW1	VS3	.580	ZPUFZ	222	H	
105	164	.85	87	PCT	15	P3	VS6	-.58			VS6	VS6	.580	ZPUFZ	148	C	
105	164	.69	102	PCT	14	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	286	H	X60
107	164	1.46	44	PCT	24	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	290	H	X60
44	165	4.87	32	SCI		P2	TSH	-10.70		.20	TSH	TSH	.600	ZPAHZ	68	H	
44	165	3.12	36	SCI		P4	TSH	-10.70		.20	TSH	TSH	.600	ZPAHZ	68	H	
54	165	1.69	84	PCT	28	P3	BW1	1.77			BW1	VS3	.580	ZPUFZ	222	H	
56	165	.32	71	SCI		P4	TSH	-.10		.20	TSH	TSH	.600	ZPAHZ	68	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
56	165	.28	94	SCI		P2	TSH	-.10		.10	TSH	TSH	.600	ZPAHZ	68	H	
62	165	.93	57	PCT	18	P3	BW1	-1.80			BW1	VS3	.580	ZPUFZ	222	H	
62	165	1.43	93	PCT	25	P3	BW1	1.88			BW1	VS3	.580	ZPUFZ	222	H	
62	165	.51	101	PCT	11	P3	VS3	.75			BW1	VS3	.580	ZPUFZ	222	H	
66	165	.82	120	PCT	16	P3	BW1	-1.81			08H	VS3	.580	ZPUFZ	222	H	
76	165	.69	150	PCT	19	P2	VS3	-.69			TEH	TEC	.610	RBARD	114	C	
76	165	.94	105	PCT	18	P3	VS3	-.77			VS3	VS3	.580	ZPUFZ	222	H	
80	165	.38	125	PCT	12	P2	VS3	-.80			TEH	TEC	.610	RBARD	114	C	
80	165	.73	109	PCT	15	P3	VS3	-.82			VS3	VS3	.580	ZPUFZ	222	H	
80	165	.61	70	PCT	13	P3	VS3	-.33			VS3	VS3	.580	ZPUFZ	222	H	
1	166	1.20	82	PCT	20	P3	02C	.78			02C	02C	.600	ZPAHZ	30	C	
1	166	1.13	123	PCT	25	P2	02C	.93			07C	TEC	.610	RBARD	38	C	
61	166	.80	67	PCT	16	P3	BW1	-1.78			BW1	VS3	.580	ZPUFZ	222	H	
61	166	1.02	73	PCT	19	P3	BW1	1.41			BW1	VS3	.580	ZPUFZ	222	H	
67	166	.55	96	PCT	11	P3	04H	.77			04H	04H	.600	ZPAHZ	138	H	
67	166	1.35	79	PCT	24	P3	BW1	-1.95			08H	VS3	.580	ZPUFZ	222	H	
75	166	.74	78	PCT	15	P3	VS3	-.89			VS3	VS3	.580	ZPUFZ	222	H	
81	166	.71	77	PCT	14	P3	VS3	-1.16			VS3	VS3	.580	ZPUFZ	222	H	
87	166	1.07	68	PCT	20	P3	VS2	1.06			VS2	VS2	.580	ZPUFZ	222	H	
89	166	1.30	96	PCT	23	P3	BW1	1.82			BW1	VS3	.580	ZPUFZ	222	H	
103	166	.63	75	PCT	12	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	290	H	X60
52	167	.38	58	PCT	11	P2	BW1	1.98			TEH	TEC	.610	RBARD	71	C	
52	167	1.51	56	PCT	26	P3	BW1	1.98			BW1	VS3	.580	ZPUFZ	222	H	
60	167	1.07	99	PCT	20	P3	BW1	1.98			BW1	VS3	.580	ZPUFZ	222	H	
68	167	.65	113	PCT	13	P3	BW1	-2.03			08H	VS3	.580	ZPUFZ	222	H	
72	167	.32	66	PCT	9	P2	08H	-.94			TEH	TEC	.610	RBARD	116	C	
72	167	.41	28	PCT	11	P2	06C	1.09			TEH	TEC	.610	RBARD	116	C	
72	167	.69	79	PCT	13	P3	08H	-.94			08H	08H	.600	ZPAHZ	138	H	
82	167	1.00	85	PCT	19	P3	VS3	-.92			VS3	VS3	.580	ZPUFZ	222	H	
82	167	.59	55	PCT	12	P3	VS3	1.09			VS3	VS3	.580	ZPUFZ	222	H	
86	167	1.05	88	PCT	20	P3	BW1	1.66			BW1	VS3	.580	ZPUFZ	222	H	
94	167	.87	43	PCT	17	P3	BW1	1.66			BW1	VS3	.580	ZPUFZ	222	H	
98	167	1.16	63	PCT	19	P3	BW2	1.58			BW2	VS5	.580	ZPUFZ	148	C	
98	167	.80	126	PCT	16	P3	BW1	1.74			BW1	VS3	.580	ZPUFZ	222	H	
100	167	.57	138	PCT	16	P2	BW2	1.87			TEH	TEC	.610	RBARD	114	C	
100	167	1.48	86	PCT	23	P3	BW2	1.75			BW2	VS5	.580	ZPUFZ	148	C	
100	167	1.33	82	PCT	22	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	287	H	X60
102	167	.87	15	SCI		P2	TSH	-.43		.40	TSH	TSH	.600	ZPAHZ	92	H	
102	167	.56	30	SCI		P4	TSH	-.43		.20	TSH	TSH	.600	ZPAHZ	92	H	
102	167	1.19	104	PCT	23	P2	BW1	1.87			TEH	TEC	.610	RBARD	115	C	
102	167	2.73	58	PCT	36	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	290	H	X60
3	168	.63	77	PCT	11	P3	04C	.96			04C	04C	.600	ZPAHZ	149	C	
23	168	.39	79	SVI		P3	02H	24.90		.30	02H	03H	.600	ZPAHZ	138	H	PID
23	168																PIT
61	168	.58	55	PCT	16	P2	BW1	1.75			TEH	TEC	.610	RBARD	73	C	
61	168	1.35	82	PCT	24	P3	BW1	2.00			BW1	VS3	.580	ZPUFZ	222	H	
81	168	1.61	67	PCT	32	P2	VS3	.91			TEH	TEC	.610	RBARD	114	C	
81	168	2.25	124	PCT	37	P2	VS5	.00			TEH	TEC	.610	RBARD	114	C	
81	168	3.23	70	PCT	39	P3	VS5	.14			VS5	VS5	.580	ZPUFZ	148	C	
81	168	1.03	59	PCT	17	P3	VS5	.55			VS5	VS5	.580	ZPUFZ	148	C	
81	168	1.63	71	PCT	27	P3	VS3	.68			VS3	VS3	.580	ZPUFZ	222	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
81	168	1.44	63	PCT	25	P3	VS3	.89			VS3	VS3	.580	ZPUFZ	222	H	
99	168	.74	73	PCT	16	P2	04C	.85			TEH	TEC	.610	RBARD	115	C	
24	169	.66	68	PCT	12	P3	04C	.71			04C	04C	.600	ZPAHZ	30	C	
64	169	.47	68	PCT	10	P3	BW1	1.24			07H	VS3	.580	ZPUFZ	222	H	
64	169	.73	105	PCT	15	P3	BW1	2.06			07H	VS3	.580	ZPUFZ	222	H	
66	169	.82	73	PCT	16	P3	BW1	-2.16			08H	VS3	.580	ZPUFZ	222	H	
70	169	2.12	108	PCT	32	P2	VS3	-.85			TEH	TEC	.610	RBARD	74	C	
70	169	2.01	88	PCT	31	P3	VS3	-.89			VS3	VS3	.580	ZPUFZ	222	H	
76	169	1.63	114	PCT	32	P2	VS3	-.60			TEH	TEC	.610	RBARD	114	C	
76	169	.68	160	PCT	18	P2	VS3	.99			TEH	TEC	.610	RBARD	114	C	
76	169	1.92	59	PCT	30	P3	VS3	-.62			VS3	VS3	.580	ZPUFZ	222	H	
76	169	1.27	66	PCT	23	P3	VS3	.94			VS3	VS3	.580	ZPUFZ	222	H	
80	169	.18	41	SCI		P4	TSH	-.32		.20	TSH	TSH	.600	ZPAHZ	67	H	
80	169	.13	75	SCI		P2	TSH	-.32		.20	TSH	TSH	.600	ZPAHZ	67	H	
96	169	.78	124	PCT	17	P2	BW1	2.04			TEH	TEC	.610	RBARD	115	C	
96	169	1.22	68	PCT	22	P3	BW1	1.96			BW1	VS3	.580	ZPUFZ	222	H	
96	169	.60	99	PCT	12	P3	BW1	1.96			BW1	VS3	.580	ZPUFZ	222	H	
51	170	1.78	99	PCT	29	P3	VS4	-.79			VS4	VS4	.580	ZPUFZ	222	H	
55	170	.68	70	SVI	13	P3	VS3	.66		.20	VS3	VS3	.580	ZPUFZ	222	H	WEAR
63	170	.52	41	PCT	12	P2	BW1	2.02			TEH	TEC	.610	RBARD	74	C	
63	170	1.26	63	PCT	23	P3	BW1	1.92			BW1	VS3	.580	ZPUFZ	222	H	
67	170	.50	60	PCT	10	P3	08H	.93			08H	VS3	.580	ZPUFZ	222	H	
67	170	.88	66	PCT	17	P3	BW1	-1.73			08H	VS3	.580	ZPUFZ	222	H	
71	170	.81	116	PCT	18	P2	VS3	-.94			TEH	TEC	.610	RBARD	74	C	
71	170	1.16	94	PCT	21	P3	VS3	-.89			VS3	VS3	.580	ZPUFZ	222	H	
75	170	1.07	98	PCT	20	P3	BW1	1.85			BW1	VS3	.580	ZPUFZ	222	H	
79	170	.71	87	PCT	16	P2	VS3	1.06			TEH	TEC	.610	RBARD	115	C	
79	170	.96	72	PCT	17	P3	VS5	.18			VS5	VS5	.580	ZPUFZ	148	C	
79	170	.95	72	PCT	16	P3	VS5	.67			VS5	VS5	.580	ZPUFZ	148	C	
79	170	.85	101	PCT	17	P3	VS3	.91			VS3	VS3	.580	ZPUFZ	222	H	
79	170	1.05	83	PCT	20	P3	VS3	1.01			VS3	VS3	.580	ZPUFZ	222	H	
81	170	.44	84	PCT	13	P2	VS3	-.88			TEH	TEC	.610	RBARD	114	C	
81	170	1.14	79	PCT	21	P3	VS3	-.80			VS3	VS3	.580	ZPUFZ	222	H	
87	170	.57	128	PCT	13	P2	BW1	1.99			TEH	TEC	.610	RBARD	115	C	
87	170	1.54	89	PCT	26	P3	BW1	1.92			BW1	VS3	.580	ZPUFZ	222	H	
14	171	.22	45	SCI		P4	TSH	-.14		.20	TSH	TSH	.600	ZPAHZ	45	H	
14	171	.30	71	SCI		P2	TSH	-.14		.10	TSH	TSH	.600	ZPAHZ	45	H	
62	171	.64	88	PCT	13	P3	BW1	-1.57			BW1	VS3	.580	ZPUFZ	222	H	
62	171	.95	104	PCT	18	P3	BW1	1.71			BW1	VS3	.580	ZPUFZ	222	H	
78	171	.42	150	PCT	13	P2	VS3	.96			TEH	TEC	.610	RBARD	114	C	
78	171	1.48	141	PCT	30	P2	VS5	-.74			TEH	TEC	.610	RBARD	114	C	
78	171	2.59	72	PCT	34	P3	VS5	-.85			VS5	VS5	.580	ZPUFZ	148	C	
78	171	.85	67	PCT	16	P3	VS3	1.07			VS3	VS3	.580	ZPUFZ	222	H	
88	171	.98	94	PCT	19	P3	BW1	1.83			BW1	VS3	.580	ZPUFZ	222	H	
51	172	1.37	74	PCT	25	P2	VS4	-.94			TEH	TEC	.610	RBARD	72	C	
51	172	1.64	82	PCT	27	P3	VS4	-1.06			VS4	VS4	.580	ZPUFZ	225	H	
65	172	.41	45	PCT	12	P2	VS3	.95			TEH	TEC	.610	RBARD	73	C	
65	172	.65	68	PCT	13	P3	VS3	1.02			VS3	VS3	.580	ZPUFZ	225	H	
67	172	.62	60	PCT	14	P2	08H	.86			TEH	TEC	.610	RBARD	74	C	
67	172	.82	104	PCT	15	P3	08H	1.02			08H	VS3	.580	ZPUFZ	225	H	
67	172	.92	74	PCT	17	P3	BW1	-1.93			08H	VS3	.580	ZPUFZ	225	H	
71	172	.76	41	PCT	17	P2	VS5	-1.07			TEH	TEC	.610	RBARD	74	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
71	172	.96	63	PCT	17	P3	VS5	-1.11			VS5	VS5	.580	ZPUFZ	148	C	
71	172	.74	60	PCT	13	P3	VS5	.58			VS5	VS5	.580	ZPUFZ	148	C	
71	172	.54	127	PCT	11	P3	VS3	-.75			VS3	VS3	.580	ZPUFZ	225	H	
64	173	.53	91	PCT	11	P3	BW1	-2.08			07H	VS3	.580	ZPUFZ	225	H	
64	173	1.02	83	PCT	19	P3	BW1	2.08			07H	VS3	.580	ZPUFZ	225	H	
66	173	1.02	100	PCT	21	P2	08H	1.10			TEH	TEC	.610	RBARD	74	C	
66	173	.92	132	PCT	19	P2	VS3	-.59			TEH	TEC	.610	RBARD	74	C	
66	173	1.21	85	PCT	21	P3	08H	1.27			08H	VS3	.580	ZPUFZ	225	H	
66	173	.64	101	PCT	13	P3	BW1	-1.94			08H	VS3	.580	ZPUFZ	225	H	
66	173	1.05	94	PCT	19	P3	VS3	-.50			08H	VS3	.580	ZPUFZ	225	H	
68	173	.60	95	PCT	12	P3	08H	-.10			08H	VS3	.580	ZPUFZ	225	H	
68	173	1.11	99	PCT	20	P3	08H	1.03			08H	VS3	.580	ZPUFZ	225	H	
68	173	.83	95	PCT	16	P3	BW1	-2.06			08H	VS3	.580	ZPUFZ	225	H	
70	173	.65	55	PCT	12	P3	08H	-1.06			08H	08H	.600	ZPAHZ	138	H	
72	173	.71	122	PCT	19	P2	VS3	-1.14			TEH	TEC	.610	RBARD	73	C	
72	173	1.29	64	PCT	21	P3	VS5	.93			VS5	VS5	.580	ZPUFZ	148	C	
72	173	1.09	77	PCT	20	P3	VS3	-.93			VS3	VS3	.580	ZPUFZ	225	H	
72	173	.83	62	PCT	16	P3	VS3	-.64			VS3	VS3	.580	ZPUFZ	225	H	
80	173	.66	140	PCT	15	P2	VS3	.99			TEH	TEC	.610	RBARD	115	C	
80	173	.98	85	PCT	17	P3	VS5	-.68			VS5	VS5	.580	ZPUFZ	148	C	
80	173	.94	92	PCT	17	P3	VS3	1.03			VS3	VS3	.580	ZPUFZ	225	H	
31	174	.00	0	SCI		P2	TSH	-.24		.00	TSH	TSH	.600	ZPAHZ	70	H	
31	174	.35	47	SCI		P4	TSH	-.24		.20	TSH	TSH	.600	ZPAHZ	70	H	
53	174	1.05	77	PCT	19	P3	VS3	1.03			VS3	VS3	.580	ZPUFZ	225	H	
57	174	.78	86	PCT	20	P2	07H	1.04			TEH	TEC	.610	RBARD	71	C	
57	174	.58	87	PCT	11	P3	07H	-1.04			07H	07H	.600	ZPAHZ	138	H	
57	174	.53	107	PCT	10	P3	07H	.88			07H	07H	.600	ZPAHZ	138	H	
81	174	.64	79	PCT	12	P3	08C	.79			08C	08C	.600	ZPAHZ	30	C	
62	175	.39	121	PCT	12	P2	BW1	1.35			TEH	TEC	.610	RBARD	73	C	
62	175	1.20	79	PCT	21	P3	BW1	1.78			BW1	VS3	.580	ZPUFZ	225	H	
64	175	1.03	72	PCT	19	P3	BW1	-1.69			07H	VS3	.580	ZPUFZ	225	H	
59	176	.72	31	PCT	13	P3	07H	.91			07H	07H	.600	ZPAHZ	337	H	
61	176	.82	116	PCT	15	P3	BW1	2.06			BW1	VS3	.580	ZPUFZ	225	H	
71	176	.70	83	PCT	14	P3	VS3	-.89			VS3	VS3	.580	ZPUFZ	225	H	
71	176	.54	73	PCT	11	P3	VS3	1.09			VS3	VS3	.580	ZPUFZ	225	H	
75	176	.58	88	PCT	11	P3	08H	.83			08H	08H	.600	ZPAHZ	337	H	
2	177	.67	89	PCT	12	P3	02C	-.95			02C	02C	.600	ZPAHZ	149	C	
50	177	.49	51	PCT	10	P3	07H	.76			07H	07H	.600	ZPAHZ	138	H	
64	177	.67	87	PCT	13	P3	BW1	1.35			07H	VS3	.580	ZPUFZ	225	H	
66	177	1.13	66	PCT	20	P3	08H	1.56			08H	VS3	.580	ZPUFZ	225	H	
39	178	1.10	49	PCT	20	P3	VS4	-.55			VS4	VS4	.580	ZPUFZ	225	H	
49	178	.56	49	PCT	15	P2	BW1	2.20			TEH	TEC	.610	RBARD	71	C	
49	178	1.24	80	PCT	22	P3	BW1	-1.88			BW1	VS4	.580	ZPUFZ	225	H	
49	178	1.45	84	PCT	24	P3	BW1	2.10			BW1	VS4	.580	ZPUFZ	225	H	
57	178	.40	72	PCT	12	P2	07H	.97			TEH	TEC	.610	RBARD	71	C	
61	178	.38	83	PCT	11	P2	07H	1.04			TEH	TEC	.610	RBARD	73	C	
73	178	.58	90	PCT	11	P3	04C	-.91			04C	04C	.600	ZPAHZ	30	C	
73	178	1.14	99	PCT	19	P3	04C	.13			04C	04C	.600	ZPAHZ	30	C	
73	178	1.57	69	PCT	25	P3	04C	.79			04C	04C	.600	ZPAHZ	30	C	
73	178	1.10	64	PCT	19	P3	03C	-.75			03C	03C	.600	ZPAHZ	30	C	
73	178	.97	74	PCT	17	P3	03C	-.13			03C	03C	.600	ZPAHZ	30	C	
73	178	.76	110	PCT	17	P2	03C	-.13			TEH	TEC	.610	RBARD	74	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
2	179	.70	73	PCT	12	P3	04C	.88			04C	04C	.600	ZPAHZ	149	C	
40	179	.94	95	SAI		P3	04H	-.90		.60	04H	04H	.600	ZPAHZ	337	H	
40	179	.46	51	SAI		P2	04H	-.90		.60	04H	04H	.600	ZPAHZ	337	H	
52	179	1.57	92	PCT	26	P3	BW1	2.22			BW1	VS3	.580	ZPUFZ	225	H	
52	179	1.08	91	PCT	19	P3	VS3	-.13			BW1	VS3	.580	ZPUFZ	225	H	
54	179	.64	74	PCT	13	P3	VS3	1.00			VS3	VS3	.580	ZPUFZ	225	H	
47	180	4.51	3	BID		P1	04C	-.96			TEH	TEC	.610	RBARD	71	C	
51	180	.79	46	PCT	14	P3	07C	.96			07C	07C	.600	ZPAHZ	149	C	
67	180	3.65	2	BID		P1	07H	22.74			TEH	TEC	.610	RBARD	74	C	
67	180	.59	16	SVI		P3	07H	23.16		.20	07H	08H	.600	ZPAHZ	135	H	NC
67	180																VID
32	181	.00	0	SCI		P2	TSH	-.40		.00	TSH	TSH	.600	ZPAHZ	74	H	
32	181	.19	91	SCI		P4	TSH	-.40		.20	TSH	TSH	.600	ZPAHZ	74	H	
50	181	.64	90	PCT	13	P3	BW1	1.98			BW1	VS4	.580	ZPUFZ	225	H	
43	182	.66	22	SAI		P2	TSH	-1.82		.40	TSH	TSH	.600	ZPAHZ	75	H	
43	182	1.53	26	SAI		P3	TSH	-1.82		.30	TSH	TSH	.600	ZPAHZ	75	H	
59	182	.61	70	PCT	11	P3	07C	.88			07C	07C	.600	ZPAHZ	149	C	
3	184	.70	76	PCT	12	P3	02C	-1.02			02C	02C	.600	ZPAHZ	149	C	
4	185	.83	73	PCT	15	P3	03C	-.80			03C	03C	.600	ZPAHZ	30	C	
42	185	.76	67	PCT	15	P3	BW1	2.18			BW1	VS4	.580	ZPUFZ	225	H	
5	186	.86	99	PCT	15	P3	04C	.84			04C	04C	.600	ZPAHZ	149	C	
5	186	1.07	84	PCT	18	P3	03C	.85			03C	03C	.600	ZPAHZ	149	C	
11	186	1.44	85	SVI	26	P3	TSC	.08		.40	TSC	TSC	.600	ZPAHZ	14	C	NLP
11	186																PID
13	186	1.68	71	SVI	28	P3	TSC	.23		.40	TSC	TSC	.600	ZPAHZ	14	C	NLP
13	186																PID
39	186	3.73	77	PCT	43	P3	05C	-.90			05C	05C	.600	ZPAHZ	30	C	
39	186	1.33	52	PCT	22	P3	04C	-.87			04C	04C	.600	ZPAHZ	30	C	
39	186	1.24	59	PCT	21	P3	04C	-.87			04C	04C	.600	ZPAHZ	30	C	
39	186	.68	35	PCT	13	P3	04C	.88			04C	04C	.600	ZPAHZ	30	C	
39	186	2.57	79	PCT	43	P2	05C	-.90			TEH	TEC	.610	RBARD	62	C	
39	186	.88	62	PCT	25	P2	04C	-.88			TEH	TEC	.610	RBARD	62	C	
39	186	1.54	69	PCT	24	P3	03C	-.80			03C	03C	.600	ZPAHZ	149	C	
12	187	.72	51	SVI	14	P3	TSC	.43		.30	TSC	TSC	.600	ZPAHZ	13	C	NLP
12	187																PID
22	187	.68	43	PCT	12	P3	04C	.00			04C	04C	.600	ZPAHZ	149	C	
13	188	.99	75	PCT	17	P3	03C	.11			03C	03C	.600	ZPAHZ	30	C	
13	188	.56	76	PCT	16	P2	03C	.05			TEH	TEC	.610	RBARD	41	C	
23	188	1.12	78	PCT	19	P3	04C	.00			04C	04C	.600	ZPAHZ	30	C	
23	188	.48	85	PCT	17	P2	04C	.05			TEH	TEC	.610	RBARD	62	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

Tubes: 1893 Records: 3561

APPENDIX D

STEAM GENERATOR 12

SUMMARY DATA SHEETS

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
13	2	.51	94	PCT	9	P3	04C	-1.04			04C	04C	.600	ZPAHZ	23	C	
15	2	.68	30	PCT	12	P3	03C	-.19			03C	03C	.600	ZPAHZ	23	C	
19	2	.71	83	PCT	11	P3	03C	.03			03C	03C	.600	ZPAHZ	138	C	
23	2	1.21	71	PCT	19	P3	02C	-1.02			02C	02C	.600	ZPAHZ	23	C	
23	2	.75	52	PCT	13	P3	02C	.04			02C	02C	.600	ZPAHZ	23	C	
23	2	.94	120	PCT	19	P2	02C	-1.00			TEH	TEC	.610	RBARD	54	C	
25	2	.89	71	PCT	15	P3	03C	-1.08			03C	03C	.600	ZPAHZ	23	C	
25	2	1.19	63	PCT	19	P3	03C	.94			03C	03C	.600	ZPAHZ	23	C	
25	2	1.01	64	PCT	16	P3	02C	-1.03			02C	02C	.600	ZPAHZ	23	C	
25	2	.90	77	PCT	15	P3	02C	.97			02C	02C	.600	ZPAHZ	23	C	
25	2	.81	76	PCT	17	P2	03C	.80			TEH	TEC	.610	RBARD	54	C	
22	3	1.20	89	PCT	19	P3	05C	.05			05C	05C	.600	ZPAHZ	23	C	
22	3	1.14	80	PCT	18	P3	03C	.16			03C	03C	.600	ZPAHZ	23	C	
22	3	1.16	85	PCT	26	P2	05C	-.06			TEH	TEC	.610	RBARD	55	C	
22	3	.77	90	PCT	19	P2	03C	.11			TEH	TEC	.610	RBARD	55	C	
26	3	1.21	32	PCT	17	P3	03C	.09			03C	03C	.600	ZPAHZ	138	C	
32	3	1.42	84	PCT	21	P3	04C	-.99			04C	04C	.600	ZPAHZ	23	C	
32	3	.84	108	PCT	14	P3	03C	-1.02			03C	03C	.600	ZPAHZ	23	C	
32	3	.94	97	PCT	22	P2	04C	-.90			TEH	TEC	.610	RBARD	55	C	
32	3	.60	143	PCT	16	P2	03C	-1.05			TEH	TEC	.610	RBARD	55	C	
17	4	.67	81	PCT	11	P3	03C	.10			03C	03C	.600	ZPAHZ	23	C	
17	4	.47	112	PCT	11	P2	03C	.06			TEH	TEC	.610	RBARD	54	C	
17	4	.89	75	SAI		P2	03H	-.50		.40	03H	03H	.600	ZPAHZ	122	H	
17	4	1.05	68	SAI		P3	03H	-.50		.40	03H	03H	.600	ZPAHZ	122	H	
39	4	1.65	75	PCT	24	P3	02C	-.92			02C	02C	.600	ZPAHZ	23	C	
34	5	.72	63	PCT	11	P3	07C	.74			07C	07C	.600	ZPAHZ	138	C	
46	5	.98	85	PCT	16	P3	04C	-1.00			04C	04C	.600	ZPAHZ	23	C	
46	5	.52	120	PCT	9	P3	04C	.05			04C	04C	.600	ZPAHZ	23	C	
46	5	1.34	75	PCT	20	P3	04C	.83			04C	04C	.600	ZPAHZ	23	C	
46	5	1.14	55	PCT	18	P3	03C	-.18			03C	03C	.600	ZPAHZ	23	C	
46	5	.71	59	PCT	12	P3	03C	.05			03C	03C	.600	ZPAHZ	23	C	
27	6	.76	123	SAI		P3	03H	.42		.30	03H	03H	.600	ZPAHZ	309	H	
27	6	.44	54	SAI		P2	03H	.42		.50	03H	03H	.600	ZPAHZ	309	H	
29	6	.88	14	SVI		P3	04C	.36		.40	04C	04C	.600	ZPAHZ	23	C	NC
29	6																VID
29	6	5.47	7	BID		P1	04C	.20			TEH	TEC	.610	RBARD	54	C	
33	6	1.23	78	SAI		P2	TSH	-12.70		.60	TSH	TSH	.600	ZPAHZ	2	H	
33	6	1.34	60	SAI		P3	TSH	-12.70		.50	TSH	TSH	.600	ZPAHZ	2	H	
37	6	.89	73	PCT	15	P3	04C	.13			04C	04C	.600	ZPAHZ	23	C	
37	6	.48	88	PCT	11	P2	04C	-.03			TEH	TEC	.610	RBARD	54	C	
37	6	.44	13	SVI		P3	TSH	12.39		.40	TSH	01H	.600	ZPAHZ	122	H	NC
37	6																VID
45	6	.60	130	PCT	16	P2	07H	.96			TEH	TEC	.610	RBARD	81	C	
45	6	.75	80	PCT	12	P3	07H	.88			07H	07H	.600	ZPAHZ	122	H	
47	6	.80	138	PCT	17	P2	VS4	-.73			TEH	TEC	.610	RBARD	80	C	
47	6	1.20	72	PCT	19	P3	VS4	-.83			VS4	VS4	.580	ZPUFZ	191	H	
51	6	.77	96	PCT	13	P3	VS3	.69			BW1	VS4	.580	ZPUFZ	318	H	
24	7	.63	31	SAI		P3	03H	.37		.20	03H	03H	.600	ZPAHZ	309	H	
24	7	.00	0	SAI		P2	03H	.37		.00	03H	03H	.600	ZPAHZ	309	H	
54	7	.71	53	PCT	12	P3	BW1	1.82			BW1	VS3	.580	ZPUFZ	192	H	
21	8	1.15	70	SAI		P3	02H	.46		.20	02H	02H	.600	ZPAHZ	309	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
21	8	.74	88	SAI		P2	02H	.46		.40	02H	02H	.600	ZPAHZ	309	H	
39	8	.84	55	PCT	13	P3	02C	-1.08			02C	02C	.600	ZPAHZ	138	C	
52	9	1.96	70	SVI	27	P3	TSC	.08		.50	TSC	TSC	.600	ZPAHZ	1	C	NLP
58	9	.00	0	SAI		P2	VS3	.67		.00	VS3	VS3	.580	ZPUFZ	192	H	
58	9	.82	83	SAI		P3	VS3	.67		.30	VS3	VS3	.580	ZPUFZ	192	H	
23	10	.48	108	SAI		P3	02H	.51		.20	02H	02H	.600	ZPAHZ	309	H	
23	10	.00	0	SAI		P2	02H	.51		.00	02H	02H	.600	ZPAHZ	309	H	
33	10	.00	0	MAI		P2	02H	.45		.00	02H	02H	.600	ZPAHZ	309	H	
33	10	.65	116	MAI		P3	02H	.45		.20	02H	02H	.600	ZPAHZ	309	H	
33	10	.00	0	MAI		P2	02H	.86		.00	02H	02H	.600	ZPAHZ	309	H	
33	10	.71	105	MAI		P3	02H	.86		.20	02H	02H	.600	ZPAHZ	309	H	
33	10	.55	111	MAI		P2	03H	.54		.50	03H	03H	.600	ZPAHZ	309	H	
33	10	.91	83	MAI		P3	03H	.54		.30	03H	03H	.600	ZPAHZ	309	H	
16	11	.45	84	MAI		P3	03H	-.45		.20	03H	03H	.600	ZPAHZ	309	H	
16	11	.32	149	MAI		P2	03H	-.45		.30	03H	03H	.600	ZPAHZ	309	H	
16	11	.48	116	MAI		P2	03H	.24		.70	03H	03H	.600	ZPAHZ	309	H	
16	11	.81	86	MAI		P3	03H	.24		.70	03H	03H	.600	ZPAHZ	309	H	
58	11	.78	129	SAI		P3	02H	-.92		.20	02H	02H	.600	ZPAHZ	307	H	
58	11	.96	33	SAI		P2	02H	-.92		.30	02H	02H	.600	ZPAHZ	307	H	
19	12	.53	85	SAI		P3	02H	-.24		.20	02H	02H	.600	ZPAHZ	309	H	
19	12	.00	0	SAI		P2	02H	-.24		.00	02H	02H	.600	ZPAHZ	309	H	
21	12	1.41	69	SAI		P3	02H	.39		.20	02H	02H	.600	ZPAHZ	309	H	
21	12	.36	156	SAI		P2	02H	.39		.20	02H	02H	.600	ZPAHZ	309	H	
49	12	2.76	25	MAI		P3	TEH	.90		.30	TEH	TSH	.600	ZPAHZ	122	H	
49	12	1.44	24	MAI		P2	TEH	.90		.70	TEH	TSH	.600	ZPAHZ	122	H	DQA
49	12	2.29	24	MAI		P2	TEH	1.20		.70	TEH	TSH	.600	ZPAHZ	122	H	
49	12	2.35	23	MAI		P3	TEH	1.20		.40	TEH	TSH	.600	ZPAHZ	122	H	
51	12	.00	0	SAI		P2	02H	.88		.00	02H	02H	.600	ZPAHZ	307	H	
51	12	.51	99	SAI		P3	02H	.88		.20	02H	02H	.600	ZPAHZ	307	H	
55	12	1.16	72	PCT	19	P3	BW1	1.90			BW1	VS3	.580	ZPUFZ	192	H	
55	12	.42	130	MAI		P3	02H	-.85		.20	02H	02H	.600	ZPAHZ	307	H	
55	12	.28	90	MAI		P2	02H	-.85		.60	02H	02H	.600	ZPAHZ	307	H	
55	12	.51	126	MAI		P3	02H	-.58		.20	02H	02H	.600	ZPAHZ	307	H	
55	12	.28	115	MAI		P2	02H	-.58		.60	02H	02H	.600	ZPAHZ	307	H	
48	13	.60	29	SCI		P4	TEH	.10		.20	TEH	TSH	.600	ZPAHZ	122	H	
48	13	.64	50	SCI		P2	TEH	.10		.20	TEH	TSH	.600	ZPAHZ	122	H	DQA
56	13	.69	53	PCT	12	P3	BW1	-1.68			BW1	VS3	.580	ZPUFZ	192	H	
64	13	.69	101	PCT	12	P3	BW1	-1.75			BW1	VS3	.580	ZPUFZ	192	H	
45	14	.81	57	MAI		P2	02H	-.75		.60	02H	02H	.600	ZPAHZ	307	H	
45	14	.67	86	MAI		P3	02H	-.75		.60	02H	02H	.600	ZPAHZ	307	H	
45	14	.62	124	MAI		P3	03H	.44		.70	03H	03H	.600	ZPAHZ	307	H	
45	14	.58	103	MAI		P2	03H	.44		.70	03H	03H	.600	ZPAHZ	307	H	
45	14	.67	88	MAI		P3	04H	.35		.20	04H	04H	.600	ZPAHZ	307	H	
45	14	.72	81	MAI		P2	04H	.35		.20	04H	04H	.600	ZPAHZ	307	H	
45	14	.69	70	MAI		P3	04H	.85		.20	04H	04H	.600	ZPAHZ	307	H	
45	14	.84	71	MAI		P2	04H	.85		.50	04H	04H	.600	ZPAHZ	307	H	
49	14	.65	86	PCT	11	P3	VS4	.92			VS4	VS4	.580	ZPUFZ	192	H	
79	14	.72	81	PCT	12	P3	08H	-.87			08H	08H	.600	ZPAHZ	307	H	
54	15	.73	84	PCT	12	P3	BW1	1.57			BW1	VS3	.580	ZPUFZ	192	H	
58	15	.00	0	SAI		P2	VS3	-.49		.00	VS3	VS3	.580	ZPUFZ	192	H	
58	15	.94	87	SAI		P3	VS3	-.49		.60	VS3	VS3	.580	ZPUFZ	192	H	
58	15	.32	119	SAI		P2	02H	-.52		.30	02H	02H	.600	ZPAHZ	307	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
58	15	.40	146	SAI		P3	02H	-.52		.20	02H	02H	.600	ZPAHZ	307	H	
80	15	1.12	60	PCT	18	P3	04C	.86			04C	04C	.600	ZPAHZ	23	C	
45	16	1.52	85	MAI		P2	02H	-.91		.40	02H	02H	.600	ZPAHZ	307	H	
45	16	1.69	68	MAI		P3	02H	-.91		.40	02H	02H	.600	ZPAHZ	307	H	
45	16	.96	84	MAI		P2	03H	-.50		.60	03H	03H	.600	ZPAHZ	307	H	
45	16	.99	66	MAI		P3	03H	-.50		.50	03H	03H	.600	ZPAHZ	307	H	
45	16	.57	87	PCT	10	P3	04H	-.79			04H	04H	.600	ZPAHZ	307	H	
47	16	.32	123	SAI		P2	02H	-.41		.20	02H	02H	.600	ZPAHZ	307	H	
47	16	.40	105	SAI		P3	02H	-.41		.30	02H	02H	.600	ZPAHZ	307	H	
53	16	.72	134	PCT	17	P2	VS3	.99			TEH	TEC	.610	RBARD	78	C	
53	16	.67	86	PCT	12	P3	VS3	1.00			VS3	VS3	.580	ZPUFZ	192	H	
61	16	.80	101	PCT	13	P3	BW1	1.74			BW1	VS3	.580	ZPUFZ	192	H	
61	16	.57	90	SAI		P2	03H	-.25		.30	03H	03H	.600	ZPAHZ	307	H	
61	16	.29	117	SAI		P3	03H	-.25		.30	03H	03H	.600	ZPAHZ	307	H	
85	16	1.03	81	PCT	16	P3	08H	.81			07H	VS3	.580	ZPUMZ	235	H	X45
54	17	.71	77	PCT	12	P3	07H	.92			07H	07H	.600	ZPAHZ	307	H	
58	17	.50	120	SAI		P3	03H	.31		.20	03H	03H	.600	ZPAHZ	307	H	
58	17	.40	144	SAI		P2	03H	.31		.30	03H	03H	.600	ZPAHZ	307	H	
62	17	.55	87	PCT	14	P2	VS3	-.12			TEH	TEC	.610	RBARD	79	C	
62	17	1.09	104	PCT	18	P3	VS3	-.30			VS3	VS3	.580	ZPUFZ	192	H	
66	17	.84	62	PCT	14	P3	08H	1.01			08H	VS3	.580	ZPUFZ	192	H	
72	17	2.02	120	PCT	34	P2	VS3	1.06			TEH	TEC	.610	RBARD	79	C	
72	17	.80	42	PCT	12	P3	VS5	.96			VS5	VS5	.580	ZPUFZ	135	C	
72	17	1.98	87	PCT	27	P3	VS3	.97			VS3	VS3	.580	ZPUFZ	192	H	
1	18	.70	58	PCT	11	P3	02C	.80			02C	02C	.600	ZPAHZ	138	C	
43	18	.39	66	SAI		P2	03H	.35		.40	03H	03H	.600	ZPAHZ	307	H	
43	18	.46	136	SAI		P3	03H	.35		.50	03H	03H	.600	ZPAHZ	307	H	
59	18	.94	74	SAI		P2	02H	.88		1.40	02H	02H	.600	ZPAHZ	122	H	
59	18	.42	120	SAI		P3	02H	.88		.20	02H	02H	.600	ZPAHZ	122	H	
91	18	1.88	71	PCT	26	P3	04C	-.81			04C	04C	.600	ZPAHZ	23	C	
91	18	1.50	62	PCT	22	P3	04C	.06			04C	04C	.600	ZPAHZ	23	C	
91	18	.84	55	PCT	14	P3	04C	.87			04C	04C	.600	ZPAHZ	23	C	
91	18	1.20	127	PCT	23	P2	04C	-.86			TEH	TEC	.610	RBARD	98	C	
91	18	1.14	98	PCT	23	P2	04C	.05			TEH	TEC	.610	RBARD	98	C	
91	18	.44	150	PCT	11	P2	04C	.77			TEH	TEC	.610	RBARD	98	C	
48	19	.51	100	SAI		P2	02H	.27		.30	02H	02H	.600	ZPAHZ	307	H	
48	19	.61	76	SAI		P3	02H	.27		.20	02H	02H	.600	ZPAHZ	307	H	
60	19	.27	26	PCT	8	P2	BW1	1.89			TEH	TEC	.610	RBARD	77	C	
60	19	.78	49	PCT	13	P3	BW1	1.78			BW1	VS3	.580	ZPUFZ	192	H	
66	19	.78	118	PCT	19	P2	08H	-1.05			TEH	TEC	.610	RBARD	77	C	
66	19	.63	67	PCT	11	P3	BW1	-1.99			08H	VS3	.580	ZPUFZ	192	H	
66	19	.65	92	PCT	11	P3	BW1	-1.92			08H	VS3	.580	ZPUFZ	192	H	
70	19	.64	99	PCT	16	P2	VS3	1.05			TEH	TEC	.610	RBARD	77	C	
70	19	.90	112	PCT	21	P2	VS5	.87			TEH	TEC	.610	RBARD	77	C	
70	19	1.22	80	PCT	18	P3	VS5	.81			VS5	VS5	.580	ZPUFZ	135	C	
70	19	.81	93	PCT	14	P3	VS3	-1.03			VS3	VS3	.580	ZPUFZ	192	H	
70	19	1.20	67	PCT	19	P3	VS3	.93			VS3	VS3	.580	ZPUFZ	192	H	
88	19	.58	73	PCT	10	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	236	H	X45
92	19	1.29	76	PCT	20	P3	03C	-.79			03C	03C	.600	ZPAHZ	23	C	
1	20	1.04	77	PCT	17	P3	04C	1.10			04C	04C	.600	ZPAHZ	23	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

Palo Verde 1 U1R11 PVNGS1 20040401 04/27/2004 14:22:53

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
1	20	.67	103	PCT	16	P2	04C	.86			07C	TEC	.610	RBARD	30	C	
93	20	.86	48	SVI		P3	04H	36.86		.30	04H	05H	.600	ZPAHZ	121	H	NC
93	20																PIT
34	21	.56	45	PCT	10	P3	07H	.86			07H	07H	.600	ZPAHZ	122	H	
58	21	.52	97	SAI		P2	02H	.70		.30	02H	02H	.600	ZPAHZ	307	H	
58	21	.35	94	SAI		P3	02H	.70		.30	02H	02H	.600	ZPAHZ	307	H	
62	21	1.10	56	PCT	17	P3	07H	.86			07H	07H	.600	ZPAHZ	121	H	
70	21	.90	85	PCT	15	P3	08H	.98			08H	08H	.600	ZPAHZ	121	H	
94	21	1.40	104	PCT	30	P2	VS3	-1.03			TEH	TEC	.610	RBARD	99	C	
94	21	2.06	88	PCT	30	P5	VS3	-1.04			07H	VS3	.580	ZPUMZ	235	H	X45
17	22	.61	51	PCT	11	P3	05C	1.00			05C	05C	.600	ZPAHZ	23	C	
53	22	.49	76	SAI		P2	03H	.94		1.20	03H	03H	.600	ZPAHZ	122	H	
53	22	.39	100	SAI		P3	03H	.94		.30	03H	03H	.600	ZPAHZ	122	H	
69	22	.76	72	PCT	13	P3	BW1	-1.74			BW1	VS3	.580	ZPUFZ	192	H	
83	22	.82	77	PCT	14	P3	BW1	2.00			BW1	VS3	.580	ZPUFZ	192	H	
99	22	.77	85	PCT	12	P3	03C	.10			03C	03C	.600	ZPAHZ	22	C	
99	22	2.14	61	PCT	27	P3	03C	.94			03C	03C	.600	ZPAHZ	22	C	
99	22	1.78	105	PCT	30	P2	03C	1.06			TEH	TEC	.610	RBARD	98	C	
99	22	.69	105	PCT	11	P3	04C	-.86			04C	04C	.600	ZPAHZ	138	C	
48	23	.31	100	SAI		P2	02H	-.95		.30	02H	02H	.600	ZPAHZ	307	H	
48	23	.55	67	SAI		P3	02H	-.95		.50	02H	02H	.600	ZPAHZ	307	H	
62	23	.68	51	PCT	12	P3	BW1	1.87			BW1	VS3	.580	ZPUFZ	192	H	
68	23	1.52	65	PCT	23	P3	VS3	-.85			VS3	VS3	.580	ZPUFZ	192	H	
68	23	1.11	73	PCT	18	P3	VS3	-.66			VS3	VS3	.580	ZPUFZ	192	H	
80	23	.90	93	PCT	14	P3	05C	-.98			05C	05C	.600	ZPAHZ	22	C	
82	23	.98	82	PCT	16	P3	VS3	.97			VS3	VS3	.580	ZPUFZ	192	H	
90	23	1.05	120	SAI		P3	02H	-.75		.30	02H	02H	.600	ZPAHZ	307	H	
90	23	.57	98	SAI		P2	02H	-.75		.40	02H	02H	.600	ZPAHZ	307	H	
98	23	1.24	84	PCT	18	P3	05C	-.84			05C	05C	.600	ZPAHZ	22	C	
98	23	.91	78	PCT	14	P3	03C	-.84			03C	03C	.600	ZPAHZ	22	C	
98	23	1.35	76	PCT	19	P3	03C	.93			03C	03C	.600	ZPAHZ	22	C	
98	23	.70	103	PCT	19	P2	05C	-.97			TEH	TEC	.610	RBARD	99	C	
98	23	.49	41	PCT	15	P2	03C	-.91			TEH	TEC	.610	RBARD	99	C	
98	23	.84	102	PCT	21	P2	03C	.91			TEH	TEC	.610	RBARD	99	C	
102	23	.73	59	PCT	11	P3	03C	.52			03C	03C	.600	ZPAHZ	22	C	
43	24	.27	11	SCI		P2	TSH	-.12		.30	TSH	TSH	.600	ZPAHZ	14	H	
43	24	.22	33	SCI		P4	TSH	-.12		.20	TSH	TSH	.600	ZPAHZ	14	H	
55	24	.49	99	SAI		P2	02H	-.03		.90	02H	02H	.600	ZPAHZ	122	H	
55	24	.29	118	SAI		P3	02H	-.03		.70	02H	02H	.600	ZPAHZ	122	H	
55	24	.70	64	PCT	12	P3	BW1	1.67			BW1	VS3	.580	ZPUFZ	192	H	
69	24	.64	74	PCT	11	P3	BW1	1.62			BW1	VS3	.580	ZPUFZ	192	H	
79	24	.62	92	SAI		P2	02H	-.62		.30	02H	02H	.600	ZPAHZ	307	H	
79	24	.49	84	SAI		P3	02H	-.62		.30	02H	02H	.600	ZPAHZ	307	H	
93	24	.91	54	PCT	18	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	235	H	X45
97	24	.83	83	PCT	13	P3	04C	-.12			04C	04C	.600	ZPAHZ	138	C	
103	24	1.03	64	PCT	15	P3	04C	.90			04C	04C	.600	ZPAHZ	22	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
103	24	.88	102	PCT	19	P2	04C	.72			TEH	TEC	.610	RBARD	98	C	
60	25	.60	92	SAI		P2	VS3	-.51		.60	VS3	VS3	.580	ZPUFZ	192	H	
60	25	1.09	81	SAI		P3	VS3	-.51		.50	VS3	VS3	.580	ZPUFZ	192	H	
64	25	.72	46	PCT	13	P3	BW1	1.70			07H	VS3	.580	ZPUFZ	192	H	
68	25	.30	49	PCT	9	P2	BW1	-1.87			TEH	TEC	.610	RBARD	77	C	
68	25	.82	61	PCT	14	P3	BW1	-2.05			08H	VS3	.580	ZPUFZ	192	H	
100	25	.90	30	PCT	14	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	277	H	X60
106	25	.89	114	PCT	22	P2	BW2	1.75			TEH	TEC	.610	RBARD	97	C	
106	25	1.30	53	PCT	19	P3	BW2	1.74			BW2	VS5	.580	ZPUFZ	132	C	
106	25	1.03	62	PCT	15	P3	03C	-.93			03C	03C	.600	ZPAHZ	138	C	
106	25	.60	88	PCT	10	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	278	H	X60
17	26	.52	30	SAI		P2	02H	-.46		.30	02H	02H	.600	ZPAHZ	307	H	
17	26	.61	105	SAI		P3	02H	-.46		.20	02H	02H	.600	ZPAHZ	307	H	
33	26	.56	69	MAI		P3	03H	-.76		.50	03H	03H	.600	ZPAHZ	307	H	
33	26	.70	106	MAI		P2	03H	-.76		.40	03H	03H	.600	ZPAHZ	307	H	
33	26	.32	136	MAI		P3	03H	.90		.10	03H	03H	.600	ZPAHZ	307	H	
33	26	.33	11	MAI		P2	03H	.90		.20	03H	03H	.600	ZPAHZ	307	H	
45	26	.35	145	SAI		P3	02H	-.23		.20	02H	02H	.600	ZPAHZ	307	H	
45	26	.25	113	SAI		P2	02H	-.23		.20	02H	02H	.600	ZPAHZ	307	H	
79	26	.23	149	PCT	6	P2	BW1	1.77			TEH	TEC	.610	RBARD	96	C	
79	26	.43	149	PCT	10	P2	VS3	.79			TEH	TEC	.610	RBARD	96	C	
79	26	.45	146	PCT	11	P2	VS5	.96			TEH	TEC	.610	RBARD	96	C	
79	26	.61	71	PCT	10	P3	VS5	.87			VS5	VS5	.580	ZPUFZ	132	C	DQA
79	26	.59	69	PCT	11	P3	BW1	1.89			BW1	VS3	.580	ZPUFZ	192	H	
79	26	.78	91	PCT	13	P3	VS3	.61			BW1	VS3	.580	ZPUFZ	192	H	
101	26	.60	84	PCT	10	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	277	H	X60
36	27	.24	119	MAI		P2	03H	.22		.20	03H	03H	.600	ZPAHZ	355	H	
36	27	.33	109	MAI		P3	03H	.22		.10	03H	03H	.600	ZPAHZ	355	H	
36	27	.46	64	MAI		P3	03H	.52		.20	03H	03H	.600	ZPAHZ	355	H	
36	27	.52	114	MAI		P2	03H	.52		.30	03H	03H	.600	ZPAHZ	355	H	
58	27	.64	84	SAI		P3	02H	-.15		.30	02H	02H	.600	ZPAHZ	307	H	
58	27	.49	73	SAI		P2	02H	-.15		.30	02H	02H	.600	ZPAHZ	307	H	
60	27	.52	125	PCT	14	P2	VS3	1.00			TEH	TEC	.610	RBARD	77	C	
60	27	.43	129	PCT	12	P2	VS5	-.88			TEH	TEC	.610	RBARD	77	C	
60	27	.79	101	PCT	13	P3	VS5	-1.04			VS5	VS5	.580	ZPUFZ	132	C	DQA
60	27	.92	70	PCT	15	P3	VS3	.94			VS3	VS3	.580	ZPUFZ	192	H	
66	27	.70	76	PCT	12	P3	BW1	1.88			08H	VS3	.580	ZPUFZ	192	H	
74	27	1.57	122	PCT	30	P2	VS3	-.77			TEH	TEC	.610	RBARD	77	C	
74	27	1.76	53	PCT	25	P3	VS3	-.81			VS3	VS3	.580	ZPUFZ	192	H	
102	27	.62	88	PCT	10	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	277	H	X60
106	27	.56	64	SVI	9	P3	01C	4.58		.40	01C	02C	.600	ZPAHZ	22	C	NC
106	27																NLP
106	27	.63	57	PCT	10	P5	BW1	-2.09			07H	VS3	.580	ZPUMZ	277	H	X60
108	27	.88	44	SVI	12	P3	01C	3.95		.50	01C	02C	.600	ZPAHZ	22	C	NC
108	27																NLP
49	28	.55	63	PCT	10	P3	VS4	-.86			VS4	VS4	.580	ZPUFZ	191	H	
69	28	.68	89	SAI		P3	08H	-.76		.20	08H	08H	.600	ZPAHZ	121	H	
69	28	.70	56	SAI		P2	08H	-.76		.30	08H	08H	.600	ZPAHZ	121	H	
71	28	.55	113	PCT	14	P2	BW1	1.84			TEH	TEC	.610	RBARD	76	C	
71	28	1.01	57	PCT	17	P3	BW1	1.99			BW1	VS3	.580	ZPUFZ	192	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
85	28	.58	88	PCT	12	P5	BW1	-1.76			07H	VS3	.580	ZPUMZ	235	H	X45
99	28	.74	89	PCT	13	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	236	H	X45
101	28	.36	134	PCT	9	P2	BW1	1.86			TEH	TEC	.610	RBARD	96	C	
101	28	.91	94	PCT	14	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	277	H	X60
111	28	.93	51	PCT	14	P3	03C	-.88			03C	03C	.600	ZPAHZ	138	C	
74	29	.72	86	PCT	18	P2	VS3	-.79			TEH	TEC	.610	RBARD	77	C	
74	29	1.45	50	PCT	22	P3	VS3	-.95			VS3	VS3	.580	ZPUFZ	192	H	
76	29	1.99	102	PCT	35	P2	VS3	-.81			TEH	TEC	.610	RBARD	97	C	
76	29	1.47	94	PCT	30	P2	VS5	1.03			TEH	TEC	.610	RBARD	97	C	
76	29	1.61	76	PCT	23	P3	VS5	1.05			VS5	VS5	.580	ZPUFZ	132	C	DQA
76	29	1.97	70	PCT	27	P3	VS3	-.88			VS3	VS3	.580	ZPUFZ	191	H	
102	29	1.09	87	PCT	16	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	277	H	X60
104	29	.82	101	PCT	13	P5	BW1	2.05			07H	VS3	.580	ZPUMZ	278	H	X60
106	29	.65	84	PCT	10	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	277	H	X60
110	29	.88	78	PCT	14	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	277	H	X60
112	29	1.23	63	PCT	18	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	278	H	X60
1	30	.53	70	PCT	9	P3	04H	.94			04H	04H	.600	ZPAHZ	125	H	
77	30	1.04	95	PCT	17	P5	VS3	-.81			07H	VS3	.580	ZPUMZ	230	H	X45
77	30	.71	61	PCT	12	P5	VS3	.70			07H	VS3	.580	ZPUMZ	230	H	X45
83	30	.70	89	PCT	13	P5	BW1	2.10			07H	VS3	.580	ZPUMZ	228	H	X45
85	30	.85	93	PCT	14	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	230	H	X45
99	30	.60	103	PCT	10	P5	VS2	1.00			07H	VS3	.580	ZPUMZ	236	H	X45
109	30	.72	58	PCT	11	P5	BW1	-2.24			07H	VS3	.580	ZPUMZ	277	H	X60
109	30	2.16	73	PCT	27	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	277	H	X60
113	30	1.10	86	PCT	16	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	278	H	X60
12	31	.33	69	SCI		P4	TSH	-14.35		.60	TSH	TSH	.600	ZPAHZ	19	H	
12	31	.69	109	SCI		P2	TSH	-14.35		.30	TSH	TSH	.600	ZPAHZ	19	H	
48	31	1.40	58	PCT	21	P3	VS4	-.65			VS4	VS4	.580	ZPUFZ	191	H	
48	31	.72	58	PCT	12	P3	VS4	1.12			VS4	VS4	.580	ZPUFZ	191	H	
48	31	.43	80	SAI		P3	02H	.42		.30	02H	02H	.600	ZPAHZ	307	H	
48	31	.50	31	SAI		P2	02H	.42		.30	02H	02H	.600	ZPAHZ	307	H	
64	31	.86	67	PCT	14	P3	VS5	-1.10			VS5	VS5	.580	ZPUFZ	132	C	DQA
66	31	.58	107	PCT	10	P3	08C	-.17			08C	VS5	.580	ZPUFZ	132	C	DQA
86	31	.46	111	PCT	14	P2	BW1	1.77			TEH	TEC	.610	RBARD	97	C	
86	31	.75	64	PCT	13	P5	BW1	1.49			07H	VS3	.580	ZPUMZ	230	H	X45
102	31	.64	92	PCT	10	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	277	H	X60
112	31	.65	40	PCT	10	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	278	H	X60
116	31	1.21	68	PCT	19	P3	09H	-.71			07H	VS3	.580	ZPUMZ	278	H	X60
116	31	.90	75	PCT	14	P5	BW1	-1.58			07H	VS3	.580	ZPUMZ	278	H	X60
116	31	.78	71	PCT	12	P5	BW1	2.02			07H	VS3	.580	ZPUMZ	278	H	X60
47	32	.49	149	SAI		P2	03H	-.55		.30	03H	03H	.600	ZPAHZ	307	H	
47	32	.76	73	SAI		P3	03H	-.55		.30	03H	03H	.600	ZPAHZ	307	H	
51	32	2.82	110	PCT	38	P2	VS4	-.83			TEH	TEC	.610	RBARD	76	C	
51	32	2.79	73	PCT	34	P3	VS4	-.77			VS4	VS4	.580	ZPUFZ	191	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
53	32	.68	107	PCT	12	P3	VS3	.92			VS3	VS3	.580	ZPUFZ	191	H	
65	32	.70	87	PCT	17	P2	VS3	.95			TEH	TEC	.610	RBARD	76	C	
65	32	.89	83	PCT	15	P3	VS3	.82			VS3	VS3	.580	ZPUFZ	191	H	
79	32	.63	144	PCT	14	P2	VS3	-.84			TEH	TEC	.610	RBARD	96	C	
79	32	1.07	67	PCT	18	P5	VS3	-1.02			07H	VS3	.580	ZPUMZ	228	H	X45
81	32	.36	157	PCT	9	P2	VS5	-.83			TEH	TEC	.610	RBARD	96	C	
81	32	.39	64	PCT	7	P3	VS5	-1.23			VS5	VS5	.580	ZPUFZ	132	C	DQA
81	32	.65	110	PCT	11	P5	VS3	.06			07H	VS3	.580	ZPUMZ	230	H	X45
85	32	.53	99	PCT	13	P2	BW1	1.82			TEH	TEC	.610	RBARD	96	C	
85	32	.95	68	PCT	15	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	230	H	X45
101	32	2.13	111	PCT	33	P2	VS3	-.74			TEH	TEC	.610	RBARD	96	C	
101	32	1.39	105	PCT	26	P2	VS3	1.06			TEH	TEC	.610	RBARD	96	C	
101	32	1.66	134	PCT	28	P2	VS5	-.86			TEH	TEC	.610	RBARD	96	C	
101	32	2.26	75	PCT	29	P3	VS5	-.99			VS6	VS5	.580	ZPUFZ	132	C	
101	32	.82	73	PCT	13	P3	VS6	-.54			VS6	VS5	.580	ZPUFZ	132	C	DQA
101	32	.79	81	PCT	12	P3	VS6	-.43			VS6	VS6	.580	ZPUFZ	163	C	
101	32	.68	82	PCT	11	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	277	H	X60
101	32	2.66	79	PCT	32	P5	VS3	-.96			07H	VS3	.580	ZPUMZ	277	H	X60
101	32	2.39	80	PCT	30	P5	VS3	.90			07H	VS3	.580	ZPUMZ	277	H	X60
101	32	1.55	78	PCT	21	P5	VS3	1.22			07H	VS3	.580	ZPUMZ	277	H	X60
111	32	.75	51	PCT	12	P3	VS5	.95			VS5	VS5	.580	ZPUFZ	132	C	DQA
111	32	1.34	71	PCT	19	P5	VS2	-.06			07H	VS3	.580	ZPUMZ	278	H	X60
111	32	.71	86	PCT	11	P5	VS3	-.77			07H	VS3	.580	ZPUMZ	278	H	X60
54	33	.84	71	PCT	14	P3	BW1	2.05			BW1	VS3	.580	ZPUFZ	191	H	
66	33	.45	115	PCT	12	P2	08H	-1.01			TEH	TEC	.610	RBARD	77	C	
68	33	1.01	76	PCT	16	P3	BW1	-1.90			08H	VS3	.580	ZPUFZ	191	H	
82	33	1.10	89	PCT	25	P2	VS3	1.01			TEH	TEC	.610	RBARD	97	C	
82	33	1.40	135	PCT	29	P2	VS5	.77			TEH	TEC	.610	RBARD	97	C	
82	33	1.37	80	PCT	20	P3	VS5	.92			VS5	VS5	.580	ZPUFZ	132	C	DQA
82	33	.55	123	PCT	10	P5	VS3	.85			07H	VS3	.580	ZPUMZ	230	H	X45
82	33	1.07	73	PCT	17	P5	VS3	.87			07H	VS3	.580	ZPUMZ	230	H	X45
86	33	.57	79	PCT	10	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	230	H	X45
108	33	.23	134	SAI		P2	03H	.76		.20	03H	03H	.600	ZPAHZ	327	H	
108	33	.84	75	SAI		P3	03H	.76		.20	03H	03H	.600	ZPAHZ	327	H	
114	33	.69	53	SAI		P5	VS2	-.85		.30	07H	VS3	.580	ZPUMZ	278	H	X60
114	33	.00	0	SAI		P2	VS2	-.85		.00	VS2	VS2	.580	ZPUFZ	311	H	
116	33	.73	55	PCT	11	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	277	H	X60
118	33	.78	81	PCT	12	P3	04C	.00			04C	04C	.600	ZPAHZ	138	C	
118	33	1.06	75	PCT	16	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	278	H	X60
65	34	.83	78	PCT	14	P3	BW1	2.09			08H	VS3	.580	ZPUFZ	318	H	
67	34	1.12	84	PCT	18	P3	BW1	-2.18			08H	VS3	.580	ZPUFZ	191	H	
67	34	.97	68	PCT	16	P3	BW1	1.74			08H	VS3	.580	ZPUFZ	191	H	
85	34	.66	68	PCT	11	P5	BW1	1.65			07H	VS3	.580	ZPUMZ	230	H	X45
97	34	.70	57	PCT	14	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	230	H	X45
117	34	.35	138	PCT	11	P2	09H	-1.64			TEC	TEH	.610	RBARD	180	H	
117	34	1.17	95	PCT	26	P2	09H	.77			TEC	TEH	.610	RBARD	180	H	
117	34	.91	84	PCT	15	P3	09H	-1.48			07H	VS3	.580	ZPUMZ	277	H	X60
117	34	1.01	69	PCT	16	P3	09H	.73			07H	VS3	.580	ZPUMZ	277	H	X60
119	34	.62	129	PCT	17	P2	09H	-1.14			TEC	TEH	.610	RBARD	180	H	
119	34	.65	57	PCT	11	P3	09H	-1.14			07H	VS3	.580	ZPUMZ	278	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
121	34	.72	33	PCT	11	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	278	H	X60
121	34	.80	50	PCT	12	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	278	H	X60
6	35	.66	77	SAI		P3	03H	-.65		.20	03H	03H	.600	ZPAHZ	307	H	
6	35	.53	52	SAI		P2	03H	-.65		.30	03H	03H	.600	ZPAHZ	307	H	
62	35	.72	69	PCT	12	P3	VS3	-.77			VS3	VS3	.580	ZPUFZ	191	H	
62	35	.67	90	PCT	11	P3	VS3	.87			VS3	VS3	.580	ZPUFZ	191	H	
64	35	.64	125	PCT	16	P2	VS5	-.96			TEH	TEC	.610	RBARD	75	C	
64	35	.85	91	PCT	14	P3	VS5	-1.00			VS5	VS5	.580	ZPUFZ	132	C	DQA
66	35	.92	80	PCT	15	P3	08H	1.75			08H	VS3	.580	ZPUFZ	191	H	
66	35	.60	102	PCT	10	P3	BW1	1.96			08H	VS3	.580	ZPUFZ	191	H	
70	35	.81	91	PCT	13	P3	08H	.83			08H	08H	.600	ZPAHZ	121	H	
80	35	.69	46	PCT	12	P5	VS3	.77			07H	VS3	.580	ZPUMZ	230	H	X45
84	35	.78	77	PCT	13	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	230	H	X45
90	35	.69	67	PCT	12	P3	BW1	1.95			07H	VS3	.580	ZPUMZ	228	H	X45
90	35	1.04	19	SVI		P5	VS3	2.57		.40	07H	VS3	.580	ZPUMZ	228	H	NC
90	35																VID
90	35																X45
92	35	.53	126	PCT	15	P2	VS2	.41			TEH	TEC	.610	RBARD	97	C	
94	35	.28	147	PCT	9	P2	BW1	-1.80			TEH	TEC	.610	RBARD	97	C	
96	35	.60	149	PCT	17	P2	BW1	1.87			TEH	TEC	.610	RBARD	97	C	
96	35	.96	112	PCT	18	P3	BW1	1.94			07H	VS3	.580	ZPUMZ	230	H	X45
112	35	.80	86	PCT	12	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	278	H	X60
114	35	.27	167	PCT	9	P2	BW1	1.95			TEC	TEH	.610	RBARD	180	H	
114	35	.96	85	PCT	15	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	277	H	X60
1	36	.55	16	MVI		P3	06H	17.27		.30	06H	BW1	.600	ZPAHZ	125	H	NC
1	36																VID
1	36	2.29	16	MVI		P3	06H	18.16		.50	06H	BW1	.600	ZPAHZ	125	H	NC
1	36																VID
1	36	4.08	9	BID		P1	06H	18.00			07H	TEH	.610	RBARD	139	H	
57	36	.00	0	SAI		P2	VS5	-.89		.00	VS5	VS5	.580	ZPUFZ	132	C	DQA
57	36	.64	61	SAI		P3	VS5	-.89		.40	VS5	VS5	.580	ZPUFZ	132	C	
87	36	1.12	88	PCT	18	P3	BW1	2.15			07H	VS3	.580	ZPUMZ	228	H	X45
91	36	.68	86	PCT	15	P2	BW1	2.07			TEH	TEC	.610	RBARD	96	C	
91	36	1.60	85	PCT	24	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	228	H	DQA
91	36																X45
111	36	1.27	124	PCT	24	P2	VS3	-.81			TEH	TEC	.610	RBARD	96	C	
111	36	1.62	83	PCT	23	P5	VS3	-.85			07H	VS3	.580	ZPUMZ	278	H	X60
113	36	.24	46	PCT	8	P2	BW1	1.77			TEC	TEH	.610	RBARD	180	H	
113	36	.63	60	PCT	10	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	277	H	X60
117	36	.59	76	PCT	10	P3	09H	-1.18			07H	VS3	.580	ZPUMZ	277	H	X60
119	36	.20	32	SAI		P5	VS2	-.91		.40	07H	VS3	.580	ZPUMZ	278	H	X60
119	36	.00	0	SAI		P2	VS2	-.91		.00	VS2	VS2	.580	ZPUFZ	311	H	
123	36	.96	74	PCT	16	P3	09H	.75			07H	VS3	.580	ZPUMZ	278	H	X60
42	37	1.52	85	PCT	22	P3	VS4	1.11			VS4	VS4	.580	ZPUFZ	188	H	
60	37	.17	61	MCI		P4	TEH	6.27		.30	TEH	TSH	.600	ZPAHZ	122	H	
60	37	.05	49	MCI		P2	TEH	6.27		.40	TEH	TSH	.600	ZPAHZ	122	H	DQA
60	37	.15	53	MCI		P4	TEH	6.29		.40	TEH	TSH	.600	ZPAHZ	122	H	
60	37	.21	32	MCI		P2	TEH	6.29		.30	TEH	TSH	.600	ZPAHZ	122	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

Palo Verde 1 U1R11 PVNGS1 20040401 04/27/2004 14:22:53

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
60	37	.42	55	MCI		P4	TEH	11.29		.50	TEH	TSH	.600	ZPAHZ	122	H	
60	37	.56	77	MCI		P2	TEH	11.29		.50	TEH	TSH	.600	ZPAHZ	122	H	
66	37	.64	103	PCT	11	P3	08H	-.79			08H	VS3	.580	ZPUFZ	191	H	
66	37	1.19	79	PCT	18	P3	BW1	-1.99			08H	VS3	.580	ZPUFZ	191	H	
66	37	.56	88	PCT	10	P3	BW1	2.01			08H	VS3	.580	ZPUFZ	191	H	
68	37	.64	58	PCT	11	P3	08H	.84			08H	VS3	.580	ZPUFZ	191	H	
84	37	.80	59	PCT	14	P3	08H	.89			07H	VS3	.580	ZPUMZ	228	H	X45
86	37	.70	87	PCT	12	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	229	H	X45
96	37	.58	44	PCT	11	P3	BW1	2.12			07H	VS3	.580	ZPUMZ	228	H	X45
114	37	.47	64	PCT	14	P2	BW1	1.75			TEC	TEH	.610	RBARD	180	H	
114	37	.98	88	PCT	15	P5	BW1	1.73			07H	VS3	.580	ZPUMZ	277	H	X60
116	37	.42	125	PCT	13	P2	BW1	1.84			TEC	TEH	.610	RBARD	180	H	
116	37	.79	79	PCT	12	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	278	H	X60
116	37	.52	146	SAI		P5	VS2	-.07		.40	07H	VS3	.580	ZPUMZ	278	H	X60
116	37	.00	0	SAI		P2	VS2	-.07		.00	VS2	VS2	.580	ZPUFZ	311	H	
120	37	.33	137	PCT	11	P2	BW1	1.92			TEC	TEH	.610	RBARD	180	H	
120	37	.87	79	PCT	15	P3	BW1	1.76			07H	VS3	.580	ZPUMZ	278	H	X60
120	37	.26	78	SAI		P5	VS2	-.15		.50	07H	VS3	.580	ZPUMZ	278	H	X60
120	37	.37	46	SAI		P2	VS2	-.15		.20	VS2	VS2	.580	ZPUFZ	311	H	
122	37	1.51	56	PCT	21	P3	02C	.14			02C	02C	.600	ZPAHZ	22	C	
122	37	1.03	130	PCT	24	P2	02C	.12			TEC	TEH	.610	RBARD	180	H	
124	37	1.31	70	PCT	18	P3	04C	-.94			04C	04C	.600	ZPAHZ	138	C	
27	38	.47	39	SAI		P2	VS4	.58		.40	VS4	VS4	.580	ZPUFZ	188	H	
27	38	.62	78	SAI		P3	VS4	.58		.40	VS4	VS4	.580	ZPUFZ	188	H	
49	38	.39	83	SAI		P3	VS4	.51		.40	VS4	VS4	.580	ZPUFZ	188	H	
49	38	.39	82	SAI		P2	VS4	.51		.40	VS4	VS4	.580	ZPUFZ	188	H	
53	38	.86	98	SAI		P3	VS3	-.25		.30	VS3	VS3	.580	ZPUFZ	188	H	
53	38	.53	68	SAI		P2	VS3	-.25		.30	VS3	VS3	.580	ZPUFZ	188	H	
61	38	.72	54	PCT	12	P3	07H	.84			07H	07H	.600	ZPAHZ	122	H	
67	38	1.08	78	PCT	17	P3	BW1	-2.04			08H	VS3	.580	ZPUFZ	191	H	
77	38	.88	55	PCT	15	P5	BW1	-1.78			07H	VS3	.580	ZPUMZ	223	H	X45
81	38	1.26	93	PCT	24	P2	VS5	-.89			TEH	TEC	.610	RBARD	96	C	
81	38	1.58	82	PCT	23	P3	VS5	-1.04			VS5	VS5	.580	ZPUFZ	132	C	
81	38	.73	67	PCT	12	P3	VS5	.94			VS5	VS5	.580	ZPUFZ	132	C	DQA
87	38	.55	86	SAI		P3	03H	.34		.40	03H	03H	.600	ZPAHZ	307	H	
87	38	.51	74	SAI		P2	03H	.34		.30	03H	03H	.600	ZPAHZ	307	H	
91	38	.66	90	PCT	10	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	222	H	X45
101	38	1.12	100	PCT	22	P2	08H	.95			TEH	TEC	.610	RBARD	94	C	
109	38	.95	106	PCT	20	P2	VS2	-.71			TEH	TEC	.610	RBARD	94	C	
109	38	.88	55	SAI		P5	VS2	-1.06		.50	07H	VS3	.580	ZPUMZ	277	H	X60
109	38	.00	0	SAI		P2	VS2	-1.06		.00	VS2	VS2	.580	ZPUFZ	311	H	
115	38	.62	77	PCT	10	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	277	H	X60
117	38	.30	102	PCT	10	P2	09H	.69			TEC	TEH	.610	RBARD	180	H	
117	38	1.00	70	PCT	15	P5	BW1	-1.65			07H	VS3	.580	ZPUMZ	278	H	X60
121	38	.42	44	PCT	13	P2	BW1	1.81			TEC	TEH	.610	RBARD	180	H	
121	38	.99	61	PCT	15	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	278	H	X60
125	38	.63	95	PCT	10	P3	09H	.84			07H	VS3	.580	ZPUMZ	285	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
62	39	.47	89	PCT	13	P2	VS3	-.81			TEH	TEC	.610	RBARD	75	C	
62	39	1.00	55	PCT	16	P3	VS3	-.80			VS3	VS3	.580	ZPUFZ	191	H	
66	39	.53	51	PCT	14	P2	08H	-.83			TEH	TEC	.610	RBARD	75	C	
66	39	.58	63	PCT	10	P3	08H	-.99			08H	VS3	.580	ZPUFZ	191	H	
66	39	.87	60	PCT	14	P3	BW1	-1.73			08H	VS3	.580	ZPUFZ	191	H	
88	39	.59	150	PCT	16	P2	BW1	1.75			TEH	TEC	.610	RBARD	97	C	
88	39	1.66	90	PCT	23	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	222	H	X45
104	39	.91	45	SAI		P5	VS2	.02		.40	07H	VS3	.580	ZPUMZ	278	H	X60
104	39	.00	0	SAI		P2	VS2	.02		.00	VS2	VS2	.580	ZPUFZ	311	H	
114	39	.31	124	PCT	10	P2	VS3	-.93			TEC	TEH	.610	RBARD	180	H	
114	39	.33	159	PCT	10	P2	VS3	-.26			TEC	TEH	.610	RBARD	180	H	
114	39	.91	50	PCT	15	P5	VS3	-.85			07H	VS3	.580	ZPUMZ	272	H	X60
114	39	1.24	52	PCT	19	P5	VS3	-.19			07H	VS3	.580	ZPUMZ	272	H	X60
118	39	.99	77	PCT	16	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	272	H	X60
120	39	.38	118	PCT	12	P2	BW1	1.91			TEC	TEH	.610	RBARD	180	H	
120	39	.92	95	PCT	15	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	270	H	X60
63	40	.48	28	PCT	12	P2	BW1	1.91			TEH	TEC	.610	RBARD	74	C	
63	40	1.26	70	PCT	19	P3	BW1	1.89			BW1	VS3	.580	ZPUFZ	188	H	
65	40	1.16	74	PCT	18	P3	BW1	2.09			BW1	VS3	.580	ZPUFZ	188	H	
71	40	.35	86	SAI		P3	03H	.31		.20	03H	03H	.600	ZPAHZ	307	H	
71	40	.40	95	SAI		P2	03H	.31		.30	03H	03H	.600	ZPAHZ	307	H	
75	40	.74	79	PCT	12	P5	BW1	-2.05			07H	VS3	.580	ZPUMZ	222	H	X45
79	40	.86	128	PCT	18	P2	VS3	-.79			TEH	TEC	.610	RBARD	96	C	
79	40	1.13	77	PCT	18	P5	VS3	-.77			07H	VS3	.580	ZPUMZ	222	H	X45
79	40	.47	96	MAI		P3	02H	.40		.20	02H	02H	.600	ZPAHZ	307	H	
79	40	.59	71	MAI		P2	02H	.40		.30	02H	02H	.600	ZPAHZ	307	H	
79	40	.64	100	MAI		P2	04H	.20		.30	04H	04H	.600	ZPAHZ	307	H	
79	40	.77	82	MAI		P3	04H	.20		.50	04H	04H	.600	ZPAHZ	307	H	
81	40	1.35	134	PCT	25	P2	VS3	-.86			TEH	TEC	.610	RBARD	96	C	
81	40	.63	117	PCT	11	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	223	H	X45
81	40	1.52	76	PCT	23	P5	VS3	-.86			07H	VS3	.580	ZPUMZ	223	H	X45
87	40	.65	55	PCT	10	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	222	H	X45
87	40	.64	69	PCT	11	P5	VS2	-1.05			07H	VS3	.580	ZPUMZ	222	H	X45
91	40	.61	120	SAI		P3	VS5	.92		.60	VS5	VS5	.580	ZPUFZ	132	C	
91	40	.00	0	SAI		P2	VS5	.92		.00	VS5	VS5	.580	ZPUFZ	132	C	DQA
91	40	.57	69	SAI		P3	08H	.53		.50	07H	VS3	.580	ZPUMZ	222	H	X45
91	40	.91	75	PCT	14	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	222	H	X45
91	40	.44	79	SAI		P2	08H	.53		.70	08H	08H	.600	ZPAHZ	302	H	
91	40	.67	89	SAI		P2	03H	-.13		.60	03H	03H	.600	ZPAHZ	307	H	
91	40	.62	96	SAI		P3	03H	-.13		.60	03H	03H	.600	ZPAHZ	307	H	
99	40	.59	95	PCT	17	P2	VS2	-.03			TEH	TEC	.610	RBARD	95	C	
99	40	1.26	100	PCT	28	P2	VS3	-.53			TEH	TEC	.610	RBARD	95	C	
99	40	.85	97	PCT	22	P2	VS3	.72			TEH	TEC	.610	RBARD	95	C	
99	40	1.26	76	PCT	20	P5	VS2	.18			07H	VS3	.580	ZPUMZ	223	H	X45
99	40	1.39	72	PCT	21	P5	VS3	-.74			07H	VS3	.580	ZPUMZ	223	H	X45
99	40	1.12	66	PCT	18	P5	VS3	.96			07H	VS3	.580	ZPUMZ	223	H	X45
113	40	.54	13	MVI		P3	VS5	3.63		.30	VS6	VS5	.580	ZPUFZ	132	C	NC
113	40																VID
113	40	.89	13	MVI		P3	VS5	14.47		.50	VS6	VS5	.580	ZPUFZ	132	C	NC
113	40																VID
113	40	1.43	16	MVI		P3	VS5	15.22		.30	VS6	VS5	.580	ZPUFZ	132	C	NC
113	40																VID
113	40	2.28	11	BID		P1	VS5	11.50			TEC	TEH	.610	RBARD	180	H	
113	40	4.26	8	BID		P1	VS5	14.47			TEC	TEH	.610	RBARD	180	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
121	40	.34	42	PCT	10	P2	BW1	1.98			TEC	TEH	.610	RBARD	181	H	
121	40	.80	50	PCT	13	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	272	H	X60
123	40	.23	97	PCT	7	P2	BW1	1.94			TEC	TEH	.610	RBARD	181	H	
123	40	.62	98	PCT	10	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	270	H	X60
60	41	.39	130	SAI		P2	02H	.75		.30	02H	02H	.600	ZPAHZ	307	H	
60	41	.42	90	SAI		P3	02H	.75		.20	02H	02H	.600	ZPAHZ	307	H	
66	41	.56	91	PCT	10	P3	08H	-1.14			08H	VS3	.580	ZPUFZ	188	H	
66	41	.67	120	PCT	11	P3	BW1	-1.90			08H	VS3	.580	ZPUFZ	188	H	
70	41	4.49	11	BID		P1	03H	21.58			TEH	TEC	.610	RBARD	75	C	
70	41	1.17	14	MVI		P3	03H	16.52		.20	03H	04H	.600	ZPAHZ	122	H	NC
70	41																VID
70	41	2.31	21	MVI		P3	03H	21.58		.40	03H	04H	.600	ZPAHZ	122	H	NC
70	41																VID
76	41	.64	59	PCT	10	P3	08H	.99			07H	VS3	.580	ZPUMZ	222	H	X45
80	41	.80	117	MAI		P2	03H	-.28		.60	03H	03H	.600	ZPAHZ	307	H	
80	41	.87	123	MAI		P3	03H	-.28		.70	03H	03H	.600	ZPAHZ	307	H	
80	41	.33	81	MAI		P3	03H	.73		.30	03H	03H	.600	ZPAHZ	307	H	
80	41	.29	76	MAI		P2	03H	.73		.30	03H	03H	.600	ZPAHZ	307	H	
88	41	.72	75	PCT	12	P3	BW1	1.52			07H	VS3	.580	ZPUMZ	223	H	X45
102	41	.73	71	PCT	12	P5	BW1	-1.92			07H	VS3	.580	ZPUMZ	270	H	X60
112	41	.58	34	SAI		P3	08H	.33		1.30	07H	VS3	.580	ZPUMZ	270	H	X60
112	41	.33	151	SAI		P2	08H	.33		.80	08H	08H	.600	ZPAHZ	302	H	
124	41	.25	48	PCT	8	P2	BW1	1.85			TEC	TEH	.610	RBARD	180	H	
124	41	.90	70	PCT	14	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	270	H	X60
41	42	.39	50	SAI		P3	03H	.69		.30	03H	03H	.600	ZPAHZ	307	H	
41	42	.35	119	SAI		P2	03H	.69		.30	03H	03H	.600	ZPAHZ	307	H	
53	42	1.77	84	PCT	25	P3	BW1	1.76			BW1	VS3	.580	ZPUFZ	188	H	
71	42	.59	86	PCT	10	P3	VS5	1.11			VS5	VS5	.580	ZPUFZ	132	C	DQA
71	42	.54	98	PCT	9	P3	VS3	.88			VS3	VS3	.580	ZPUFZ	188	H	
79	42	.63	110	PCT	10	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	222	H	X45
81	42	1.10	85	PCT	17	P5	VS3	.89			07H	VS3	.580	ZPUMZ	222	H	X45
83	42	.67	75	PCT	11	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	222	H	X45
85	42	.51	142	PCT	12	P2	BW1	1.55			TEH	TEC	.610	RBARD	96	C	
85	42	1.39	87	PCT	21	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	222	H	X45
89	42	.75	51	PCT	11	P3	BW1	1.61			07H	VS3	.580	ZPUMZ	222	H	X45
109	42	.49	70	PCT	14	P2	VS2	-.67			TEH	TEC	.610	RBARD	95	C	
113	42	.74	55	PCT	14	P5	BW2	-1.55			07C	VS5	.580	ZPUMZ	125	C	X60
115	42	.63	92	PCT	10	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	270	H	X60
115	42	.65	113	MAI		P5	VS2	-.88		.30	07H	VS3	.580	ZPUMZ	270	H	X60
115	42	.46	49	MAI		P5	VS2	-.25		.30	07H	VS3	.580	ZPUMZ	270	H	X60
115	42	.74	67	MAI		P5	VS2	.65		.40	07H	VS3	.580	ZPUMZ	270	H	X60
115	42	1.21	77	SAI		P3	04H	.60		.30	04H	04H	.600	ZPAHZ	309	H	
115	42	.62	70	SAI		P2	04H	.60		.40	04H	04H	.600	ZPAHZ	309	H	
115	42	.00	0	MAI		P2	VS2	-.88		.00	VS2	VS2	.580	ZPUFZ	311	H	
115	42	.00	0	MAI		P2	VS2	-.25		.00	VS2	VS2	.580	ZPUFZ	311	H	
115	42	.00	0	MAI		P2	VS2	.65		.00	VS2	VS2	.580	ZPUFZ	311	H	
117	42	.27	133	PCT	9	P2	09H	-1.41			TEC	TEH	.610	RBARD	181	H	
117	42	.59	73	PCT	10	P3	09H	-1.31			07H	VS3	.580	ZPUMZ	272	H	X60
117	42	.73	82	PCT	12	P3	09H	.80			07H	VS3	.580	ZPUMZ	272	H	X60
117	42	.92	92	PCT	15	P5	BW1	-1.90			07H	VS3	.580	ZPUMZ	272	H	X60
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
16	43	.46	65	SCI		P2	TSH	-8.99		.20	TSH	TSH	.600	ZPAHZ	27	H	
16	43	.38	50	SCI		P4	TSH	-8.99		.30	TSH	TSH	.600	ZPAHZ	27	H	
48	43	.43	51	SVI		P3	05H	9.96		.20	05H	06H	.600	ZPAHZ	122	H	NC
48	43																PIT
62	43	.75	67	PCT	13	P3	VS3	.89			VS3	VS3	.580	ZPUFZ	188	H	
66	43	.57	81	PCT	15	P2	08H	-1.00			TEH	TEC	.610	RBARD	75	C	
66	43	.68	87	PCT	12	P3	08H	-1.27			08H	VS3	.580	ZPUFZ	188	H	
70	43	1.66	14	BID		P1	06C	33.48			TEH	TEC	.610	RBARD	75	C	
74	43	1.89	106	PCT	33	P2	VS3	-.85			TEH	TEC	.610	RBARD	75	C	
74	43	1.73	100	PCT	32	P2	VS5	-.85			TEH	TEC	.610	RBARD	75	C	
74	43	1.45	77	PCT	21	P3	VS5	-1.09			VS5	VS5	.580	ZPUFZ	132	C	
74	43	1.31	71	PCT	20	P3	VS5	1.08			VS5	VS5	.580	ZPUFZ	132	C	DQA
74	43	2.04	80	PCT	27	P3	VS3	1.07			VS3	VS3	.580	ZPUFZ	188	H	
78	43	.45	57	PCT	8	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	223	H	X45
78	43	.62	98	PCT	12	P5	VS3	.21			07H	VS3	.580	ZPUMZ	223	H	X45
82	43	1.00	121	PCT	24	P2	VS3	-.75			TEH	TEC	.610	RBARD	95	C	
82	43	2.16	102	PCT	37	P2	VS5	1.00			TEH	TEC	.610	RBARD	95	C	
82	43	1.24	69	PCT	19	P3	VS5	-.87			VS5	VS5	.580	ZPUFZ	132	C	
82	43	2.03	68	PCT	27	P3	VS5	1.02			VS5	VS5	.580	ZPUFZ	132	C	DQA
82	43	1.47	79	PCT	22	P5	VS3	-.60			07H	VS3	.580	ZPUMZ	223	H	X45
106	43	.00	0	SAI		P2	VS6	-.90		.00	VS6	VS6	.580	ZPUFZ	132	C	DQA
106	43	.64	91	SAI		P3	VS6	-.90		.40	VS6	VS6	.580	ZPUFZ	132	C	
106	43	.25	135	SAI		P5	VS2	.55		.20	07H	VS3	.580	ZPUMZ	272	H	X60
106	43	.00	0	SAI		P2	VS2	.55		.00	VS2	VS2	.580	ZPUFZ	311	H	
108	43	.88	51	PCT	14	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	272	H	X60
114	43	.83	75	PCT	13	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	270	H	X60
118	43	.52	57	PCT	9	P5	BW1	-1.47			07H	VS3	.580	ZPUMZ	270	H	X60
122	43	.59	83	PCT	10	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	272	H	X60
122	43	.69	50	PCT	12	P5	VS1	1.02			07H	VS3	.580	ZPUMZ	272	H	X60
83	44	.69	70	PCT	12	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	222	H	X45
87	44	.70	97	PCT	12	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	222	H	X45
101	44	.80	68	MAI		P3	TSH	-.27		.20	TSH	TSH	.600	ZPAHZ	100	H	
101	44	.30	22	MAI		P2	TSH	-.27		.10	TSH	TSH	.600	ZPAHZ	100	H	
101	44	.54	58	MAI		P3	TSH	-.24		.20	TSH	TSH	.600	ZPAHZ	100	H	
101	44	.00	0	MAI		P2	TSH	-.24		.00	TSH	TSH	.600	ZPAHZ	100	H	
101	44	.47	86	SAI		P3	07H	-.69		.30	07H	VS3	.580	ZPUMZ	279	H	X60
101	44	.32	95	SAI		P2	07H	-.69		.40	07H	07H	.600	ZPAHZ	302	H	
109	44	.53	90	PCT	15	P2	VS2	.91			TEH	TEC	.610	RBARD	95	C	
117	44	.25	134	PCT	8	P2	VS2	.74			TEC	TEH	.610	RBARD	181	H	
117	44	.90	86	PCT	14	P3	09H	.82			07H	VS3	.580	ZPUMZ	272	H	X60
121	44	.74	70	SAI		P3	04H	-.68		.20	04H	04H	.600	ZPAHZ	309	H	
121	44	.32	134	SAI		P2	04H	-.68		.30	04H	04H	.600	ZPAHZ	309	H	
52	45	1.17	79	PCT	18	P3	BW1	1.95			BW1	VS3	.580	ZPUFZ	188	H	
60	45	.49	104	MAI		P2	03H	.01		.10	03H	03H	.600	ZPAHZ	342	H	
60	45	.33	77	MAI		P3	03H	.01		.20	03H	03H	.600	ZPAHZ	342	H	
60	45	.32	84	MAI		P3	03H	.30		.30	03H	03H	.600	ZPAHZ	342	H	
60	45	.42	98	MAI		P2	03H	.30		.20	03H	03H	.600	ZPAHZ	342	H	
62	45	.37	141	PCT	10	P2	VS3	.85			TEH	TEC	.610	RBARD	75	C	
62	45	.58	62	PCT	10	P3	VS3	.94			VS3	VS3	.580	ZPUFZ	188	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
64	45	.83	67	PCT	13	P3	VS5	1.04			VS5	VS5	.580	ZPUFZ	132	C	DQA
74	45	.59	64	PCT	10	P3	VS3	.73			VS3	VS3	.580	ZPUFZ	188	H	
80	45	.27	56	SCI		P4	TSH	-13.18		.20	TSH	TSH	.600	ZPAHZ	34	H	
80	45	.00	0	SCI		P2	TSH	-13.18		.00	TSH	TSH	.600	ZPAHZ	34	H	
90	45	.87	104	PCT	22	P2	VS2	.72			TEH	TEC	.610	RBARD	95	C	
90	45	.66	119	SAI		P5	VS2	.67		.40	07H	VS3	.580	ZPUMZ	223	H	X45
90	45	.00	0	SAI		P2	VS2	.67		.00	VS2	VS2	.580	ZPUFZ	311	H	
94	45	.55	116	PCT	10	P3	08H	.84			07H	VS3	.580	ZPUMZ	223	H	X45
110	45	.79	95	PCT	12	P3	08C	.86			08C	08C	.600	ZPAHZ	138	C	
132	45	.90	62	SAI		P5	VS1	.78		.70	07H	VS3	.580	ZPUMZ	285	H	X75
132	45	.00	0	SAI		P2	VS1	.78		.00	VS1	VS1	.580	ZPUFZ	313	H	
134	45	.64	48	PCT	10	P3	04C	.08			04C	04C	.600	ZPAHZ	22	C	
134	45	.72	66	PCT	11	P3	04C	.90			04C	04C	.600	ZPAHZ	22	C	
134	45	.95	86	SAI		P3	VS7	.97		.40	VS7	VS7	.580	ZPUFZ	132	C	
134	45	1.36	43	SAI		P2	VS7	.97		.40	VS7	VS7	.580	ZPUFZ	132	C	DQA
134	45	.28	154	PCT	9	P2	VS1	.74			TEC	TEH	.610	RBARD	181	H	
83	46	1.37	121	PCT	25	P2	VS3	.99			TEH	TEC	.610	RBARD	94	C	
83	46	1.17	116	PCT	23	P2	VS5	.94			TEH	TEC	.610	RBARD	94	C	
83	46	1.29	63	PCT	19	P3	VS5	.60			VS5	VS5	.580	ZPUFZ	132	C	DQA
83	46	1.38	92	PCT	21	P5	VS3	.96			07H	VS3	.580	ZPUMZ	222	H	X45
83	46	1.19	91	PCT	18	P5	VS3	1.06			07H	VS3	.580	ZPUMZ	222	H	X45
85	46	.42	82	SVI		P3	07H	33.69		.10	07H	VS3	.580	ZPUMZ	222	H	NC
85	46																PIT
85	46																X45
97	46	.76	57	SAI		P3	VS2	-.81		.60	VS2	VS3	.580	ZPUFZ	348	H	
97	46	.00	0	SAI		P2	VS2	-.81		.00	VS2	VS3	.580	ZPUFZ	348	H	
115	46	.48	87	SAI		P5	BW1	26.66		3.60	07H	VS3	.580	ZPUMZ	270	H	X60
115	46	1.78	61	MAI		P3	03H	-.72		1.70	03H	03H	.600	ZPAHZ	309	H	
115	46	1.40	68	MAI		P2	03H	-.72		1.80	03H	03H	.600	ZPAHZ	309	H	
115	46	.65	73	MAI		P3	04H	.37		.60	04H	04H	.600	ZPAHZ	309	H	
115	46	.55	67	MAI		P2	04H	.37		1.40	04H	04H	.600	ZPAHZ	309	H	
115	46	.00	0	SAI		P2	BW1	26.66		.00	BW1	VS2	.580	ZPUFZ	311	H	
24	47	.38	72	SCI		P4	TSH	.06		.20	TSH	TSH	.600	ZPAHZ	27	H	
24	47	.36	89	SCI		P2	TSH	.06		.10	TSH	TSH	.600	ZPAHZ	27	H	
66	47	.52	113	PCT	14	P2	08H	-.10			TEH	TEC	.610	RBARD	75	C	
66	47	.98	68	PCT	16	P3	08H	-.07			08H	VS3	.580	ZPUFZ	188	H	
66	47	.52	37	PCT	9	P3	BW1	1.88			08H	VS3	.580	ZPUFZ	188	H	
74	47	.98	50	PCT	16	P3	08H	.97			08H	08H	.600	ZPAHZ	307	H	
92	47	.68	62	SVI	11	P3	BW1	3.83		.80	07H	VS3	.580	ZPUMZ	216	H	TTW
92	47																X45
134	47	.57	92	PCT	16	P2	VS1	.62			TEC	TEH	.610	RBARD	180	H	
136	47	1.05	82	PCT	15	P3	04C	-.10			04C	04C	.600	ZPAHZ	138	C	
53	48	.57	93	SAI		P3	02H	.69		.30	02H	02H	.600	ZPAHZ	307	H	
53	48	.62	24	SAI		P2	02H	.69		.40	02H	02H	.600	ZPAHZ	307	H	
83	48	1.08	107	PCT	25	P2	VS5	1.09			TEH	TEC	.610	RBARD	95	C	
83	48	1.10	79	PCT	17	P3	VS5	.99			VS5	VS5	.580	ZPUFZ	132	C	DQA
87	48	.99	68	PCT	15	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	215	H	X45
91	48	1.06	73	PCT	16	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	215	H	X45
95	48	.84	110	SAI		P5	VS2	.68		.40	07H	VS3	.580	ZPUMZ	215	H	X45
95	48	.71	53	SAI		P2	VS2	.68		.40	VS2	VS2	.580	ZPUFZ	311	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
99	48	.70	123	PCT	19	P2	BW1	1.79			TEH	TEC	.610	RBARD	95	C	
99	48	.57	86	PCT	16	P2	VS2	-.78			TEH	TEC	.610	RBARD	95	C	
99	48	1.49	65	PCT	22	P3	BW1	1.90			07H	VS3	.580	ZPUMZ	215	H	X45
117	48	.99	76	PCT	16	P5	BW1	-1.75			07H	VS3	.580	ZPUMZ	265	H	X60
32	49	.00	0	SCI		P2	TSH	.03		.00	TSH	TSH	.600	ZPAHZ	27	H	
32	49	.27	51	SCI		P4	TSH	.03		.20	TSH	TSH	.600	ZPAHZ	27	H	
54	49	.92	107	SAI		P3	02H	-.93		.20	02H	02H	.600	ZPAHZ	307	H	
54	49	.25	99	SAI		P2	02H	-.93		.30	02H	02H	.600	ZPAHZ	307	H	
64	49	.79	70	PCT	13	P3	VS3	.90			VS3	VS3	.580	ZPUFZ	188	H	
76	49	.74	114	PCT	13	P3	08H	.88			07H	VS3	.580	ZPUMZ	216	H	X45
86	49	.89	65	PCT	15	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	216	H	X45
90	49	.74	98	PCT	13	P3	BW1	1.74			07H	VS3	.580	ZPUMZ	216	H	X45
116	49	1.15	78	PCT	18	P5	BW1	-1.86			07H	VS3	.580	ZPUMZ	265	H	X60
116	49	1.01	80	PCT	16	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	265	H	X60
118	49	.74	91	PCT	13	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	264	H	X60
138	49	2.91	78	PCT	34	P3	04C	.16			04C	04C	.600	ZPAHZ	22	C	
138	49	1.50	64	PCT	21	P3	03C	-.86			03C	03C	.600	ZPAHZ	22	C	
138	49	1.67	96	PCT	31	P2	04C	.06			TEC	TEH	.610	RBARD	180	H	
138	49	.67	107	SAI		P5	VS1	.55		.50	07H	VS3	.580	ZPUMZ	285	H	X75
138	49	.00	0	SAI		P2	VS1	.55		.00	VS1	VS1	.580	ZPUFZ	313	H	
13	50	.59	100	PCT	10	P3	07H	1.02			07H	07H	.600	ZPAHZ	125	H	
19	50	.37	80	SVI		P3	04H	36.78		.20	04H	05H	.600	ZPAHZ	125	H	NC
19	50																PIT
51	50	.65	141	SAI		P2	03H	.41		.30	03H	03H	.600	ZPAHZ	307	H	
51	50	.88	80	SAI		P3	03H	.41		.40	03H	03H	.600	ZPAHZ	307	H	
59	50	.37	67	SVI		P3	04C	23.55		.20	04C	05C	.600	ZPAHZ	21	C	DQA
59	50																NC
59	50																PIT
89	50	1.03	81	PCT	16	P3	08H	.88			07H	VS3	.580	ZPUMZ	215	H	X45
107	50	1.13	69	SVI	19	P5	BW1	3.08		.40	07H	VS3	.580	ZPUMZ	264	H	TTW
107	50																X60
111	50	2.05	67	PCT	35	P2	VS3	-.85			TEH	TEC	.610	RBARD	95	C	
111	50	1.33	99	PCT	28	P2	VS5	.87			TEH	TEC	.610	RBARD	95	C	
111	50	1.54	73	PCT	22	P3	VS5	1.13			VS5	VS5	.580	ZPUFZ	132	C	DQA
111	50	1.18	90	PCT	19	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	264	H	X60
111	50	1.10	83	PCT	18	P5	VS2	1.14			07H	VS3	.580	ZPUMZ	264	H	X60
111	50	2.18	76	PCT	30	P5	VS3	-.72			07H	VS3	.580	ZPUMZ	264	H	X60
111	50	1.22	89	PCT	20	P5	VS3	.24			07H	VS3	.580	ZPUMZ	264	H	X60
111	50	.71	85	PCT	13	P5	VS3	.71			07H	VS3	.580	ZPUMZ	264	H	X60
111	50	.60	85	PCT	11	P5	VS3	.92			07H	VS3	.580	ZPUMZ	264	H	X60
137	50	.92	79	SAI		P5	VS1	.49		.60	07H	VS3	.580	ZPUMZ	286	H	X75
137	50	.00	0	SAI		P2	VS1	.49		.00	VS1	VS1	.580	ZPUFZ	313	H	
139	50	1.72	95	PCT	23	P3	04C	-.28			04C	04C	.600	ZPAHZ	22	C	DQA
139	50	1.14	102	PCT	17	P3	03C	.12			03C	03C	.600	ZPAHZ	22	C	DQA
42	51	.93	92	SVI		P3	TSC	3.92		.20	TSC	01C	.600	ZPAHZ	21	C	DQA
42	51																NC
42	51																PIT
64	51	.72	72	PCT	12	P3	BW1	1.59			07H	VS3	.580	ZPUFZ	188	H	
74	51	.87	101	PCT	20	P2	VS3	-.79			TEH	TEC	.610	RBARD	73	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
74	51	.39	34	PCT	11	P2	VS5	.91			TEH	TEC	.610	RBARD	73	C	
74	51	.59	56	PCT	10	P3	VS5	1.06			VS5	VS5	.580	ZPUFZ	132	C	DQA
74	51	1.03	83	PCT	17	P3	VS3	-.82			VS3	VS3	.580	ZPUFZ	188	H	
78	51	1.80	44	SCI		P4	TSH	-14.66		.20	TSH	TSH	.600	ZPAHZ	34	H	
78	51	1.95	32	SCI		P2	TSH	-14.66		.20	TSH	TSH	.600	ZPAHZ	34	H	
90	51	.71	105	PCT	16	P2	08H	1.05			TEH	TEC	.610	RBARD	94	C	
90	51	1.02	62	PCT	17	P3	08H	.93			07H	VS3	.580	ZPUMZ	216	H	X45
90	51	1.05	69	MAI		P5	VS2	.57		.40	07H	VS3	.580	ZPUMZ	216	H	X45
90	51	1.28	102	MAI		P5	VS2	.59		.50	07H	VS3	.580	ZPUMZ	216	H	X45
90	51	.83	59	MAI		P5	VS3	-.71		.10	07H	VS3	.580	ZPUMZ	216	H	X45
90	51	1.01	46	MAI		P2	VS2	.57		.50	VS2	VS3	.580	ZPUFZ	311	H	
90	51	.38	41	MAI		P2	VS2	.59		.40	VS2	VS3	.580	ZPUFZ	311	H	
90	51	.00	0	MAI		P2	VS3	-.71		.00	VS2	VS3	.580	ZPUFZ	311	H	
98	51	.90	68	SAI		P5	VS2	.56		.40	07H	VS3	.580	ZPUMZ	216	H	X45
98	51	.53	53	SAI		P2	VS2	.56		.40	VS2	VS2	.580	ZPUFZ	311	H	
106	51	.64	71	PCT	12	P5	BW1	1.65			07H	VS3	.580	ZPUMZ	264	H	X60
122	51	.64	74	SAI		P5	VS6	.24		.30	07C	VS5	.580	ZPUMZ	124	C	X60
122	51	.00	0	SAI		P2	VS6	.24		.00	VS6	VS6	.580	ZPUFZ	131	C	
122	51	.52	119	SVI		P5	VS1	12.62		.20	07H	VS3	.580	ZPUMZ	265	H	NC
122	51																PIT
122	51																X60
122	51	.39	85	MAI		P3	02H	-.35		1.00	02H	02H	.600	ZPAHZ	309	H	
122	51	.65	89	MAI		P2	02H	-.35		1.50	02H	02H	.600	ZPAHZ	309	H	
122	51	.61	128	MAI		P2	04H	-.59		.30	04H	04H	.600	ZPAHZ	309	H	
122	51	.46	75	MAI		P3	04H	-.59		.20	04H	04H	.600	ZPAHZ	309	H	
122	51	.54	112	MAI		P2	04H	-.17		.40	04H	04H	.600	ZPAHZ	309	H	
122	51	.79	85	MAI		P3	04H	-.17		.20	04H	04H	.600	ZPAHZ	309	H	
138	51	1.04	84	PCT	16	P3	04C	-.90			04C	04C	.600	ZPAHZ	22	C	
138	51	.26	88	PCT	9	P2	04C	-.91			TEC	TEH	.610	RBARD	180	H	
39	52	.00	0	SCI		P2	TSH	.08		.00	TSH	TSH	.600	ZPAHZ	34	H	
39	52	.30	50	SCI		P4	TSH	.08		.90	TSH	TSH	.600	ZPAHZ	34	H	
43	52	.52	112	MAI		P3	03H	-.57		.50	03H	03H	.600	ZPAHZ	307	H	
43	52	.65	43	MAI		P2	03H	-.57		.60	03H	03H	.600	ZPAHZ	307	H	
43	52	.64	99	MAI		P2	03H	.40		.50	03H	03H	.600	ZPAHZ	307	H	
43	52	.61	111	MAI		P3	03H	.40		.50	03H	03H	.600	ZPAHZ	307	H	
45	52	.36	44	SCI		P4	TSH	.11		.40	TSH	TSH	.600	ZPAHZ	34	H	
45	52	.50	48	SCI		P2	TSH	.11		.20	TSH	TSH	.600	ZPAHZ	34	H	
45	52	.92	86	SAI		P3	03H	.30		.70	03H	03H	.600	ZPAHZ	307	H	
45	52	.55	57	SAI		P2	03H	.30		.70	03H	03H	.600	ZPAHZ	307	H	
53	52	.28	142	SAI		P3	04H	.24		.30	04H	04H	.600	ZPAHZ	307	H	
53	52	.35	103	SAI		P2	04H	.24		.32	04H	04H	.600	ZPAHZ	307	H	
83	52	.94	89	PCT	15	P3	08H	.82			07H	VS3	.580	ZPUMZ	215	H	X45
87	52	.74	83	PCT	12	P5	VS2	.97			07H	VS3	.580	ZPUMZ	215	H	X45
91	52	.58	77	PCT	16	P2	BW1	1.80			TEH	TEC	.610	RBARD	95	C	
91	52	1.56	68	PCT	22	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	215	H	X45
99	52	.31	152	PCT	10	P2	BW1	1.90			TEH	TEC	.610	RBARD	95	C	
99	52	1.02	87	PCT	16	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	215	H	X45
38	53	.79	75	PCT	13	P3	VS4	.91			VS4	VS4	.580	ZPUFZ	188	H	
58	53	.48	94	SAI		P2	03H	.63		.30	03H	03H	.600	ZPAHZ	307	H	
58	53	.42	123	SAI		P3	03H	.63		.30	03H	03H	.600	ZPAHZ	307	H	
60	53	.57	89	SAI		P2	02H	-.80		.70	02H	02H	.600	ZPAHZ	307	H	
60	53	.57	74	SAI		P3	02H	-.80		.70	02H	02H	.600	ZPAHZ	307	H	
62	53	.63	111	PCT	16	P2	VS3	.87			TEH	TEC	.610	RBARD	73	C	
62	53	.77	77	PCT	13	P3	VS3	.88			VS3	VS3	.580	ZPUFZ	185	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
92	53	.64	77	PCT	11	P3	BW1	1.64			07H	VS3	.580	ZPUMZ	216	H	X45
98	53	.58	97	PCT	13	P2	08H	.96			TEH	TEC	.610	RBARD	94	C	
98	53	.51	66	SAI		P3	VS5	.92		.30	VS5	VS5	.580	ZPUFZ	132	C	
98	53	.00	0	SAI		P2	VS5	.92		.00	VS5	VS5	.580	ZPUFZ	132	C	DQA
98	53	.69	68	PCT	12	P3	08H	.90			07H	VS3	.580	ZPUMZ	216	H	X45
98	53	.87	108	MAI		P5	VS2	.59		.40	07H	VS3	.580	ZPUMZ	216	H	X45
98	53	.76	99	MAI		P5	VS2	.69		.30	07H	VS3	.580	ZPUMZ	216	H	X45
98	53	.49	25	MAI		P2	VS2	.59		.40	VS2	VS2	.580	ZPUFZ	311	H	
98	53	.58	94	MAI		P2	VS2	.69		.50	VS2	VS2	.580	ZPUFZ	311	H	
110	53	.36	45	SCI		P2	TSH	-15.77		.20	TSH	TSH	.600	ZPAHZ	104	H	
110	53	.48	38	SCI		P4	TSH	-15.77		.40	TSH	TSH	.600	ZPAHZ	104	H	
124	53	.78	115	MAI		P3	03H	.61		.30	03H	03H	.600	ZPAHZ	121	H	
124	53	.48	44	MAI		P2	03H	.61		.30	03H	03H	.600	ZPAHZ	121	H	
124	53	.74	103	MAI		P3	03H	.87		.20	03H	03H	.600	ZPAHZ	121	H	
124	53	.39	32	MAI		P2	03H	.87		.30	03H	03H	.600	ZPAHZ	121	H	
140	53	.97	92	PCT	15	P3	04C	-.91			04C	04C	.600	ZPAHZ	22	C	
140	53	.80	32	SAI		P5	VS1	.70		.40	07H	VS3	.580	ZPUMZ	285	H	X75
140	53	.00	0	SAI		P2	VS1	.70		.00	VS1	VS1	.580	ZPUFZ	313	H	
33	54	1.04	80	SAI		P3	VS4	.54		.40	VS4	VS4	.580	ZPUFZ	188	H	
33	54	.80	53	SAI		P2	VS4	.54		.40	VS4	VS4	.580	ZPUFZ	188	H	
39	54	.33	55	MAI		P2	02H	-.24		.40	02H	02H	.600	ZPAHZ	122	H	
39	54	.36	114	MAI		P3	02H	-.24		.20	02H	02H	.600	ZPAHZ	122	H	
39	54	.54	67	MAI		P2	02H	.40		.30	02H	02H	.600	ZPAHZ	122	H	
39	54	1.20	74	MAI		P3	02H	.40		.20	02H	02H	.600	ZPAHZ	122	H	
69	54	.79	58	PCT	13	P3	BW1	-1.77			BW1	VS3	.580	ZPUFZ	185	H	
75	54	.90	102	PCT	14	P3	08H	-.85			07H	VS3	.580	ZPUMZ	215	H	X45
77	54	.73	93	PCT	12	P3	08H	-.13			07H	VS3	.580	ZPUMZ	215	H	X45
81	54	.75	138	PCT	17	P2	08H	.92			TEH	TEC	.610	RBARD	94	C	
81	54	.64	75	PCT	10	P3	08H	.85			07H	VS3	.580	ZPUMZ	215	H	X45
93	54	.72	49	PCT	19	P2	07H	.97			TEH	TEC	.610	RBARD	95	C	
93	54	.78	82	PCT	12	P3	07H	.88			07H	VS3	.580	ZPUMZ	215	H	X45
99	54	1.43	67	PCT	21	P3	BW1	1.74			07H	VS3	.580	ZPUMZ	215	H	X45
137	54	.54	73	SAI		P5	VS1	.63		.20	07H	VS3	.580	ZPUMZ	286	H	X75
137	54	.00	0	SAI		P2	VS1	.63		.00	VS1	VS1	.580	ZPUFZ	313	H	
74	55	.95	131	PCT	20	P2	VS3	-.79			TEH	TEC	.610	RBARD	72	C	
74	55	1.09	74	PCT	17	P3	VS3	-.82			VS3	VS3	.580	ZPUFZ	185	H	
76	55	.76	69	PCT	13	P5	BW1	-2.07			07H	VS3	.580	ZPUMZ	216	H	X45
78	55	.28	59	PCT	9	P2	VS3	1.31			TEH	TEC	.610	RBARD	95	C	
78	55	.52	63	PCT	15	P2	VS5	.93			TEH	TEC	.610	RBARD	95	C	
78	55	.57	79	PCT	10	P3	VS5	.96			VS5	VS5	.580	ZPUFZ	132	C	DQA
80	55	.79	86	PCT	17	P2	08H	.95			TEH	TEC	.610	RBARD	94	C	
80	55	1.21	65	PCT	19	P3	08H	.85			07H	VS3	.580	ZPUMZ	216	H	X45
82	55	.83	94	PCT	18	P2	VS3	.99			TEH	TEC	.610	RBARD	94	C	
82	55	.73	129	PCT	16	P2	VS5	.99			TEH	TEC	.610	RBARD	94	C	
82	55	.87	68	PCT	14	P3	VS5	.72			VS5	VS5	.580	ZPUFZ	132	C	DQA
82	55	.72	55	PCT	12	P3	08H	.98			07H	VS3	.580	ZPUMZ	216	H	X45
82	55	.99	67	PCT	16	P5	VS3	.99			07H	VS3	.580	ZPUMZ	216	H	X45
90	55	.26	35	MCI		P4	TSH	-15.25		.20	TSH	TSH	.600	ZPAHZ	95	H	
90	55	.40	104	MCI		P2	TSH	-15.25		.30	TSH	TSH	.600	ZPAHZ	95	H	
90	55	.35	39	MCI		P4	TSH	-14.91		.20	TSH	TSH	.600	ZPAHZ	95	H	
90	55	.33	136	MCI		P2	TSH	-14.91		.30	TSH	TSH	.600	ZPAHZ	95	H	
90	55	.88	76	PCT	14	P3	08H	.89			07H	VS3	.580	ZPUMZ	216	H	X45
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
98	55	.72	75	PCT	12	P3	BW1	1.60			07H	VS3	.580	ZPUMZ	216	H	X45
98	55	.80	37	SAI		P3	BW1	3.74		.30	07H	VS3	.580	ZPUMZ	216	H	X45
98	55	.00	0	SAI		P2	BW1	3.74		.00	BW1	VS2	.580	ZPUFZ	311	H	
102	55	.55	40	SCI		P4	TSH	-15.81		.40	TEH	TSH	.600	ZPAHZ	121	H	
102	55	.82	39	SCI		P2	TSH	-15.81		.30	TEH	TSH	.600	ZPAHZ	121	H	DQA
102	55	.86	92	SAI		P5	BW1	2.27		.80	BW1	VS3	.580	ZPUMZ	262	H	X60
102	55	.47	116	SAI		P2	BW1	2.27		.30	BW1	BW1	.580	ZPUFZ	311	H	
104	55	.35	82	MCI		P2	TSH	-16.24		.30	TSH	TSH	.600	ZPAHZ	95	H	
104	55	.36	47	MCI		P4	TSH	-16.24		.20	TSH	TSH	.600	ZPAHZ	95	H	
104	55	.28	46	MCI		P2	TSH	-15.70		.30	TSH	TSH	.600	ZPAHZ	95	H	
104	55	.35	37	MCI		P4	TSH	-15.70		.20	TSH	TSH	.600	ZPAHZ	95	H	
120	55	.48	98	MAI		P5	VS2	-.94		.30	07H	VS3	.580	ZPUMZ	264	H	X60
120	55	.36	110	MAI		P5	VS3	.46		.30	07H	VS3	.580	ZPUMZ	264	H	X60
120	55	.00	0	MAI		P2	VS2	-.94		.00	VS2	VS3	.580	ZPUFZ	311	H	
120	55	.00	0	MAI		P2	VS3	.46		.00	VS2	VS3	.580	ZPUFZ	311	H	
136	55	.62	43	SAI		P5	VS1	.36		.40	07H	VS3	.580	ZPUMZ	285	H	X75
136	55	.00	0	SAI		P2	VS1	.36		.00	VS1	VS1	.580	ZPUFZ	311	H	
138	55	.79	89	SAI		P5	VS1	.51		.70	07H	VS3	.580	ZPUMZ	285	H	X75
138	55	.77	62	SAI		P3	02H	-.89		.60	02H	02H	.600	ZPAHZ	309	H	
138	55	.51	120	SAI		P2	02H	-.89		.70	02H	02H	.600	ZPAHZ	309	H	
138	55	.00	0	SAI		P2	VS1	.51		.00	VS1	VS1	.580	ZPUFZ	313	H	
140	55	.75	58	SAI		P5	VS1	.66		.40	07H	VS3	.580	ZPUMZ	285	H	X75
140	55	.00	0	SAI		P2	VS1	.66		.00	VS1	VS1	.580	ZPUFZ	313	H	
67	56	.56	150	PCT	10	P3	08H	-1.03			07H	08H	.600	ZPAHZ	349	H	
77	56	.68	127	PCT	15	P2	VS3	1.00			TEH	TEC	.610	RBARD	94	C	
77	56	.90	73	PCT	14	P3	08H	.85			07H	VS3	.580	ZPUMZ	215	H	X45
77	56	1.06	79	PCT	16	P5	VS3	.90			07H	VS3	.580	ZPUMZ	215	H	X45
105	56	1.23	73	SAI		P5	BW1	2.61		.50	BW1	VS3	.580	ZPUMZ	262	H	X60
105	56	.60	60	SAI		P5	VS2	-.95		.40	BW1	VS3	.580	ZPUMZ	262	H	X60
105	56	.54	131	SAI		P2	BW1	2.61		.40	BW1	VS2	.580	ZPUFZ	311	H	
105	56	.00	0	SAI		P2	VS2	-.95		.00	BW1	VS2	.580	ZPUFZ	311	H	
121	56	.55	49	SAI		P5	VS2	.63		.20	09H	VS3	.580	ZPUMZ	262	H	X60
121	56	.00	0	SAI		P2	VS2	.63		.00	VS2	VS2	.580	ZPUFZ	311	H	
135	56	.65	116	PCT	11	P3	VS7	.88			VS7	VS7	.580	ZPUFZ	132	C	DQA
135	56	.98	82	SAI		P5	VS1	-.88		.50	07H	VS3	.580	ZPUMZ	286	H	X75
135	56	.63	52	SAI		P2	VS1	-.88		.40	VS1	VS1	.580	ZPUFZ	313	H	
137	56	.70	90	MAI		P5	VS1	-.82		.50	07H	VS3	.580	ZPUMZ	286	H	X75
137	56	.51	117	MAI		P5	VS1	.55		.60	07H	VS3	.580	ZPUMZ	286	H	X75
137	56	.00	0	MAI		P2	VS1	-.82		.00	VS1	VS1	.580	ZPUFZ	313	H	
137	56	.00	0	MAI		P2	VS1	.55		.00	VS1	VS1	.580	ZPUFZ	313	H	
145	56	1.28	75	PCT	18	P3	04C	-.84			04C	04C	.600	ZPAHZ	22	C	DQA
145	56	1.63	85	PCT	22	P3	03C	.03			03C	03C	.600	ZPAHZ	22	C	DQA
145	56	1.24	76	PCT	18	P3	02C	.85			02C	02C	.600	ZPAHZ	22	C	DQA
145	56	.42	98	PCT	13	P2	04C	-.89			TEC	TEH	.610	RBARD	177	H	
145	56	1.68	112	PCT	31	P2	03C	.04			TEC	TEH	.610	RBARD	177	H	
32	57	.44	60	SVI		P3	05H	35.98		.30	05H	06H	.600	ZPAHZ	122	H	NC
32	57																PIT
40	57	.51	105	PCT	12	P2	VS4	.89			TEH	TEC	.610	RBARD	72	C	
40	57	.93	45	PCT	15	P3	VS4	.79			VS4	VS4	.580	ZPUFZ	188	H	
68	57	.54	53	PCT	9	P3	VS5	.99			VS5	VS5	.580	ZPUFZ	132	C	DQA
72	57	.86	128	PCT	20	P2	VS3	.87			TEH	TEC	.610	RBARD	73	C	
72	57	1.27	73	PCT	19	P3	VS3	.88			VS3	VS3	.580	ZPUFZ	185	H	
72	57	.75	60	PCT	12	P3	08H	.72			08H	08H	.600	ZPAHZ	309	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
78	57	.63	41	PCT	11	P5	BW1	1.67			07H	VS3	.580	ZPUMZ	216	H	X45
84	57	.41	144	PCT	10	P2	VS5	-.82			TEH	TEC	.610	RBARD	92	C	
84	57	.69	97	PCT	11	P3	VS5	-.87			VS5	VS5	.580	ZPUFZ	132	C	DQA
84	57	.59	95	PCT	10	P5	VS3	.72			07H	VS3	.580	ZPUMZ	216	H	X45
86	57	.53	149	PCT	12	P2	08H	.96			TEH	TEC	.610	RBARD	92	C	
86	57	1.03	81	PCT	17	P3	08H	.84			07H	VS3	.580	ZPUMZ	216	H	X45
92	57	1.05	46	PCT	17	P3	08H	.97			07H	VS3	.580	ZPUMZ	216	H	X45
100	57	.78	80	PCT	12	P5	BW1	1.93			BW1	VS3	.580	ZPUMZ	262	H	X60
102	57	.83	81	PCT	18	P2	08H	.88			TEH	TEC	.610	RBARD	92	C	
102	57	1.14	78	PCT	18	P3	08H	.92			07H	08H	.580	ZPUMZ	263	H	X60
112	57	.85	145	PCT	18	P2	VS2	-.89			TEH	TEC	.610	RBARD	92	C	
112	57	1.05	106	PCT	16	P5	VS2	-.89			BW1	VS3	.580	ZPUMZ	262	H	X60
112	57	.98	76	PCT	15	P5	VS3	-.53			BW1	VS3	.580	ZPUMZ	262	H	X60
116	57	.58	69	PCT	10	P3	09H	.61			07H	VS3	.580	ZPUMZ	279	H	X60
132	57	1.32	94	SAI		P5	VS1	.35		.90	07H	VS3	.580	ZPUMZ	295	H	X75
132	57	.99	66	SAI		P2	VS1	.35		.80	VS1	VS1	.580	ZPUFZ	358	H	
1	58	.44	113	SVI	9	P3	TSH	.08		.30	TSH	TSH	.600	ZPAHZ	52	H	NC
1	58																NLP
39	58	.41	32	PCT	10	P2	VS4	.89			TEH	TEC	.610	RBARD	46	C	
47	58	.59	79	SAI		P2	03H	-.20		.20	03H	03H	.600	ZPAHZ	307	H	
47	58	.55	65	SAI		P3	03H	-.20		.20	03H	03H	.600	ZPAHZ	307	H	
53	58	.60	40	PCT	10	P3	BW1	1.52			BW1	VS3	.580	ZPUFZ	188	H	
53	58	.63	97	SAI		P2	02H	.70		.40	02H	02H	.600	ZPAHZ	342	H	
53	58	.57	46	SAI		P3	02H	.70		.30	02H	02H	.600	ZPAHZ	342	H	
57	58	1.24	64	SAI		P3	02H	.65		.40	02H	02H	.600	ZPAHZ	307	H	
57	58	.85	48	SAI		P2	02H	.65		.40	02H	02H	.600	ZPAHZ	307	H	
69	58	.59	136	PCT	14	P2	08H	.82			TEH	TEC	.610	RBARD	72	C	
69	58	.88	73	PCT	16	P3	08H	.74			08H	08H	.600	ZPAHZ	118	H	
69	58	.56	57	PCT	9	P3	BW1	1.86			BW1	VS3	.580	ZPUFZ	185	H	
73	58	.77	53	PCT	14	P3	08H	1.00			08H	08H	.600	ZPAHZ	118	H	
75	58	.54	91	PCT	9	P3	08H	-.92			07H	VS3	.580	ZPUMZ	215	H	X45
81	58	.59	75	SAI		P2	03H	.53		.30	03H	03H	.600	ZPAHZ	307	H	
81	58	.49	80	SAI		P3	03H	.53		.30	03H	03H	.600	ZPAHZ	307	H	
83	58	.41	63	PCT	7	P3	VS5	1.01			VS5	VS5	.580	ZPUFZ	132	C	DQA
93	58	.53	48	PCT	15	P2	08H	.93			TEH	TEC	.610	RBARD	93	C	
93	58	.81	82	PCT	13	P3	08H	.85			07H	VS3	.580	ZPUMZ	215	H	X45
97	58	.49	93	SVI		P3	01H	6.33		.30	01H	02H	.600	ZPAHZ	121	H	NC
97	58																PIT
107	58	.50	51	MAI		P5	08H	37.01	39.67	2.60	07H	VS3	.580	ZPUMZ	280	H	X60
107	58	.56	52	MAI		P5	BW1	.72		.90	07H	VS3	.580	ZPUMZ	280	H	X60
107	58	.00	0	MAI		P2	08H	37.01	39.67	.00	08H	BW1	.580	ZPUFZ	311	H	
107	58	.00	0	MAI		P2	BW1	.72		.00	08H	BW1	.580	ZPUFZ	311	H	
113	58	.71	94	SAI		P3	08H	35.85		5.60	07H	VS3	.580	ZPUMZ	264	H	X60
113	58	.77	77	SAI		P2	08H	35.85		5.70	08H	BW1	.580	ZPUFZ	311	H	
145	58	1.15	77	PCT	17	P3	03C	-.96			03C	03C	.600	ZPAHZ	22	C	
30	59	.61	136	MAI		P2	02H	.10		.40	02H	02H	.600	ZPAHZ	125	H	
30	59	.79	91	MAI		P3	02H	.10		.30	02H	02H	.600	ZPAHZ	125	H	
30	59	.29	128	MAI		P2	02H	.53		.30	02H	02H	.600	ZPAHZ	125	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
30	59	.36	77	MAI		P3	02H	.53		.20	02H	02H	.600	ZPAHZ	125	H	
38	59	.98	49	PCT	16	P3	VS4	-.91			VS4	VS4	.580	ZPUFZ	188	H	
76	59	.61	147	PCT	14	P2	08H	.93			TEH	TEC	.610	RBARD	92	C	
76	59	.91	70	PCT	15	P3	08H	.85			07H	VS3	.580	ZPUMZ	210	H	X45
80	59	.41	155	PCT	10	P2	08H	.93			TEH	TEC	.610	RBARD	92	C	
80	59	.73	62	PCT	12	P3	08H	.86			07H	VS3	.580	ZPUMZ	216	H	X45
84	59	.60	82	PCT	10	P5	VS3	.74			07H	VS3	.580	ZPUMZ	216	H	X45
86	59	.47	149	PCT	11	P2	08H	.91			TEH	TEC	.610	RBARD	92	C	
86	59	1.04	62	PCT	17	P3	08H	.92			07H	VS3	.580	ZPUMZ	216	H	X45
92	59	.67	77	MCI		P2	TSH	-17.28		.30	TSH	TSH	.600	ZPAHZ	95	H	
92	59	.29	65	MCI		P4	TSH	-17.28		.30	TSH	TSH	.600	ZPAHZ	95	H	
92	59	.34	41	MCI		P4	TSH	-15.71		.30	TSH	TSH	.600	ZPAHZ	95	H	
92	59	.52	30	MCI		P2	TSH	-15.71		.40	TSH	TSH	.600	ZPAHZ	95	H	
92	59	1.22	41	MCI		P4	TEH	3.55		.20	TEH	TSH	.600	ZPAHZ	105	H	
92	59	1.45	53	MCI		P2	TEH	3.55		.33	TEH	TSH	.600	ZPAHZ	105	H	
92	59	1.15	56	MCI		P2	TEH	3.82		.30	TEH	TSH	.600	ZPAHZ	105	H	
92	59	1.19	39	MCI		P4	TEH	3.82		.18	TEH	TSH	.600	ZPAHZ	105	H	
92	59	3.01	45	MCI		P2	TEH	4.43		.58	TEH	TSH	.600	ZPAHZ	105	H	
92	59	2.50	37	MCI		P4	TEH	4.43		.38	TEH	TSH	.600	ZPAHZ	105	H	
92	59	1.75	51	MCI		P2	TEH	5.94		.35	TEH	TSH	.600	ZPAHZ	105	H	
92	59	1.10	37	MCI		P4	TEH	5.94		.38	TEH	TSH	.600	ZPAHZ	105	H	
112	59	.37	106	SAI		P3	08H	.76		.20	07H	VS3	.580	ZPUMZ	280	H	X60
112	59	.34	57	SAI		P2	08H	.76		.30	08H	08H	.600	ZPAHZ	302	H	
124	59	1.13	83	SAI		P5	VS1	.65		.40	BW1	VS3	.580	ZPUMZ	262	H	X60
124	59	.51	44	SAI		P2	VS1	.65		.40	VS1	VS1	.580	ZPUFZ	311	H	
132	59	1.00	86	SAI		P5	VS1	.60		.20	07H	VS3	.580	ZPUMZ	295	H	X75
132	59	.00	0	SAI		P2	VS1	.60		.00	VS1	VS1	.580	ZPUFZ	311	H	
43	60	.63	145	PCT	15	P2	VS4	-.89			TEH	TEC	.610	RBARD	72	C	
43	60	.75	79	PCT	13	P3	VS4	-.88			VS4	VS4	.580	ZPUFZ	188	H	
67	60	.47	102	MAI		P3	02H	-.44		.20	02H	02H	.600	ZPAHZ	309	H	
67	60	.44	126	MAI		P2	02H	-.44		.40	02H	02H	.600	ZPAHZ	309	H	
67	60	.78	123	MAI		P2	02H	.42		.50	02H	02H	.600	ZPAHZ	309	H	
67	60	.63	72	MAI		P3	02H	.42		.20	02H	02H	.600	ZPAHZ	309	H	
91	60	.59	70	PCT	10	P3	08H	.89			07H	VS3	.580	ZPUMZ	215	H	X45
95	60	.88	106	PCT	21	P2	08H	.92			TEH	TEC	.610	RBARD	93	C	
95	60	1.19	77	PCT	18	P3	08H	.87			07H	VS3	.580	ZPUMZ	215	H	X45
111	60	.67	79	PCT	12	P5	BW1	1.64			07H	VS3	.580	ZPUMZ	264	H	X60
115	60	.86	59	PCT	14	P3	VS5	-.09			VS5	VS5	.580	ZPUFZ	132	C	
115	60	.92	73	PCT	15	P3	VS5	1.03			VS5	VS5	.580	ZPUFZ	132	C	DQA
115	60	.34	116	PCT	11	P2	VS2	.84			TEC	TEH	.610	RBARD	166	H	
115	60	.43	141	PCT	13	P2	VS5	.84			TEC	TEH	.610	RBARD	166	H	
115	60	.81	71	PCT	14	P5	VS2	.89			07H	VS3	.580	ZPUMZ	279	H	X60
123	60	.75	65	SAI		P2	03H	-.64		.60	03H	03H	.600	ZPAHZ	309	H	
123	60	.84	47	SAI		P3	03H	-.64		.30	03H	03H	.600	ZPAHZ	309	H	
129	60	.68	51	MAI		P5	VS1	.02		.30	07H	VS3	.580	ZPUMZ	296	H	X75
129	60	.84	64	MAI		P5	VS1	.42		.40	07H	VS3	.580	ZPUMZ	296	H	X75
129	60	.48	101	SAI		P3	03H	.42		.30	03H	03H	.600	ZPAHZ	309	H	
129	60	.62	58	SAI		P2	03H	.42		.70	03H	03H	.600	ZPAHZ	309	H	
129	60	.00	0	MAI		P2	VS1	.02		.00	VS1	VS1	.580	ZPUFZ	311	H	
129	60	.00	0	MAI		P2	VS1	.42		.00	VS1	VS1	.580	ZPUFZ	311	H	
133	60	.70	56	MAI		P5	VS1	.71		.40	07H	VS3	.580	ZPUMZ	296	H	X75
133	60	.51	47	MAI		P5	VS1	1.17		.40	07H	VS3	.580	ZPUMZ	296	H	X75
133	60	.00	0	MAI		P2	VS1	.71		.00	VS1	VS1	.580	ZPUFZ	311	H	
133	60	.00	0	MAI		P2	VS1	1.17		.00	VS1	VS1	.580	ZPUFZ	311	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
24	61	1.32	32	SCI		P2	TSH	-.02		.47	TSH	TSH	.600	ZPAHZ	63	H	
24	61	.51	24	SCI		P4	TSH	-.02		.32	TSH	TSH	.600	ZPAHZ	63	H	
52	61	.31	36	MCI		P4	TSH	-.07		.20	TSH	TSH	.600	ZPAHZ	64	H	
52	61	.20	114	MCI		P2	TSH	-.07		.10	TSH	TSH	.600	ZPAHZ	64	H	
52	61	.24	27	MCI		P2	TSH	-.05		.10	TSH	TSH	.600	ZPAHZ	64	H	
52	61	.18	22	MCI		P4	TSH	-.05		.20	TSH	TSH	.600	ZPAHZ	64	H	
74	61	.82	81	PCT	13	P3	VS3	-.76			VS3	VS3	.580	ZPUFZ	185	H	
74	61	.63	76	PCT	11	P3	VS3	.93			VS3	VS3	.580	ZPUFZ	185	H	
78	61	.53	104	PCT	9	P3	08H	.89			07H	VS3	.580	ZPUMZ	210	H	X45
88	61	.55	45	PCT	10	P3	BW1	-1.50			07H	VS3	.580	ZPUMZ	210	H	X45
100	61	.81	48	PCT	13	P3	08H	-.14			07H	VS3	.580	ZPUMZ	256	H	X60
100	61	1.03	62	PCT	16	P3	08H	.91			07H	VS3	.580	ZPUMZ	256	H	X60
102	61	1.44	70	PCT	22	P5	BW1	1.55			07H	VS3	.580	ZPUMZ	256	H	X60
102	61	.63	59	PCT	11	P5	VS2	-.94			07H	VS3	.580	ZPUMZ	256	H	X60
106	61	.87	135	PCT	18	P2	08H	.98			TEH	TEC	.610	RBARD	92	C	
106	61	1.44	81	PCT	21	P3	08H	.96			07H	VS3	.580	ZPUMZ	256	H	X60
114	61	.94	40	PCT	15	P5	VS3	-1.00			07H	VS3	.580	ZPUMZ	256	H	X60
130	61	.93	59	SAI		P5	VS7	-.69		.20	07C	VS5	.580	ZPUMZ	126	C	X75
130	61	.19	79	SAI		P2	VS7	-.69		.20	VS7	VS7	.580	ZPUFZ	131	C	
11	62	.59	57	PCT	10	P3	07C	-.36			07C	07H	.580	ZPUFZ	24	C	
33	62	.70	80	PCT	11	P3	VS4	-.88			VS4	VS4	.580	ZPUFZ	196	H	
51	62	.97	92	PCT	16	P3	VS4	-.86			VS4	VS4	.580	ZPUFZ	188	H	
81	62	.71	60	PCT	12	P3	VS5	.32			VS5	VS5	.580	ZPUFZ	132	C	DQA
81	62	.71	63	PCT	12	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	209	H	X45
93	62	.58	79	PCT	10	P3	BW1	1.63			07H	VS3	.580	ZPUMZ	209	H	X45
95	62	.58	62	PCT	10	P3	08H	-.14			07H	VS3	.580	ZPUMZ	209	H	X45
97	62	.60	93	PCT	16	P2	08H	.89			TEH	TEC	.610	RBARD	93	C	
97	62	.92	54	PCT	15	P3	08H	-.14			07H	VS3	.580	ZPUMZ	209	H	X45
97	62	1.28	83	PCT	19	P3	08H	.69			07H	VS3	.580	ZPUMZ	209	H	X45
97	62	.81	57	SAI		P2	04H	.47		.30	04H	04H	.600	ZPAHZ	307	H	
97	62	.88	65	SAI		P3	04H	.47		.30	04H	04H	.600	ZPAHZ	307	H	
101	62	1.22	66	PCT	18	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	257	H	X60
107	62	.77	104	PCT	12	P5	BW1	1.61			07H	VS3	.580	ZPUMZ	257	H	X60
115	62	.93	63	MAI		P3	02H	-.11		.80	01H	02H	.600	ZPAHZ	121	H	
115	62	.66	111	MAI		P2	02H	-.11		.80	01H	02H	.600	ZPAHZ	121	H	
115	62	.74	55	MAI		P2	02H	.20		1.00	01H	02H	.600	ZPAHZ	121	H	
115	62	.58	85	MAI		P3	02H	.20		.80	01H	02H	.600	ZPAHZ	121	H	
115	62	.56	113	MAI		P2	03H	.28		.40	03H	03H	.600	ZPAHZ	309	H	
115	62	.48	76	MAI		P3	03H	.28		.30	03H	03H	.600	ZPAHZ	309	H	
115	62	.48	71	MAI		P3	03H	.62		.40	03H	03H	.600	ZPAHZ	309	H	
115	62	.54	104	MAI		P2	03H	.62		.40	03H	03H	.600	ZPAHZ	309	H	
115	62	.53	84	MAI		P3	04H	-.77		.80	04H	04H	.600	ZPAHZ	309	H	
115	62	.58	43	MAI		P2	04H	-.77		1.10	04H	04H	.600	ZPAHZ	309	H	
115	62	.44	62	MAI		P3	04H	.73		.30	04H	04H	.600	ZPAHZ	309	H	
115	62	.37	126	MAI		P2	04H	.73		.50	04H	04H	.600	ZPAHZ	309	H	
129	62	.72	134	SAI		P5	VS1	.32		.40	07H	VS3	.580	ZPUMZ	296	H	X75
129	62	.98	41	SAI		P2	VS1	.32		.50	VS1	VS1	.580	ZPUFZ	311	H	
133	62	.82	37	SAI		P5	VS1	-.77		.30	07H	VS3	.580	ZPUMZ	296	H	X75
133	62	.00	0	SAI		P2	VS1	-.77		.40	VS1	VS1	.580	ZPUFZ	311	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
137	62	.80	82	SAI		P5	VS1	.51		.60	07H	VS3	.580	ZPUMZ	296	H	X75
137	62	.00	0	SAI		P2	VS1	.51		.00	VS1	VS1	.580	ZPUFZ	311	H	
141	62	.83	47	MAI		P5	VS1	.13		.30	07H	VS3	.580	ZPUMZ	296	H	X75
141	62	.55	32	MAI		P5	VS1	.65		.50	07H	VS3	.580	ZPUMZ	296	H	X75
141	62	.00	0	MAI		P2	VS1	.13		.00	VS1	VS1	.580	ZPUFZ	311	H	
141	62	.00	0	MAI		P2	VS1	.65		.00	VS1	VS1	.580	ZPUFZ	311	H	
80	63	.78	78	PCT	13	P3	VS5	.87			VS5	VS5	.580	ZPUFZ	132	C	DQA
94	63	2.46	39	MCI		P4	TSH	-20.92		.40	TSH	TSH	.600	ZPAHZ	95	H	
94	63	3.87	48	MCI		P2	TSH	-20.92		.50	TSH	TSH	.600	ZPAHZ	95	H	
94	63	2.30	39	MCI		P4	TSH	-18.67		.40	TSH	TSH	.600	ZPAHZ	95	H	
94	63	2.53	55	MCI		P2	TSH	-18.67		.40	TSH	TSH	.600	ZPAHZ	95	H	
94	63	2.79	52	MCI		P2	TSH	-18.09		.40	TSH	TSH	.600	ZPAHZ	95	H	
94	63	2.02	43	MCI		P4	TSH	-18.09		.30	TSH	TSH	.600	ZPAHZ	95	H	
94	63	2.62	39	MCI		P2	TSH	-16.61		.40	TSH	TSH	.600	ZPAHZ	95	H	
94	63	2.06	40	MCI		P4	TSH	-16.61		.20	TSH	TSH	.600	ZPAHZ	95	H	
94	63	2.57	40	MCI		P2	TSH	-14.62		.50	TSH	TSH	.600	ZPAHZ	95	H	
94	63	1.60	38	MCI		P4	TSH	-14.62		.40	TSH	TSH	.600	ZPAHZ	95	H	
94	63	1.36	55	MCI		P2	TSH	-11.73		.30	TSH	TSH	.600	ZPAHZ	95	H	
94	63	.86	42	MCI		P4	TSH	-11.73		.20	TSH	TSH	.600	ZPAHZ	95	H	
96	63	.47	38	PCT	11	P2	BW1	1.98			TEH	TEC	.610	RBARD	92	C	
96	63	1.30	65	PCT	20	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	210	H	X45
98	63	.72	102	PCT	16	P2	08H	1.00			TEH	TEC	.610	RBARD	92	C	
98	63	1.08	86	PCT	17	P3	08H	.89			07H	VS3	.580	ZPUMZ	210	H	X45
98	63	.60	71	PCT	10	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	210	H	X45
100	63	.85	53	PCT	13	P3	08H	.92			07H	VS3	.580	ZPUMZ	256	H	X60
112	63	.83	103	PCT	18	P2	08H	.88			TEH	TEC	.610	RBARD	92	C	
112	63	.92	26	PCT	14	P3	08H	.78			07H	VS3	.580	ZPUMZ	256	H	X60
112	63	2.63	66	PCT	33	P5	BW1	-.58			07H	VS3	.580	ZPUMZ	256	H	X60
114	63	.46	90	PCT	13	P2	VS2	-.93			TEC	TEH	.610	RBARD	161	H	
114	63	1.10	46	PCT	18	P5	VS2	-.97			07H	VS3	.580	ZPUMZ	256	H	X60
118	63	.64	90	SAI		P5	VS3	.79		.20	07H	VS3	.580	ZPUMZ	256	H	X60
118	63	.00	0	SAI		P2	VS3	.79		.00	VS3	VS3	.580	ZPUFZ	311	H	
124	63	.71	50	SAI		P5	VS1	.61		.50	07H	VS3	.580	ZPUMZ	256	H	X60
124	63	.00	0	SAI		P2	VS1	.61		.00	VS1	VS1	.580	ZPUFZ	335	H	
71	64	.61	95	MAI		P3	02H	-.31		.40	02H	02H	.600	ZPAHZ	309	H	
71	64	.00	0	MAI		P2	02H	-.31		.00	02H	02H	.600	ZPAHZ	309	H	
71	64	.53	130	MAI		P2	02H	.41		.40	02H	02H	.600	ZPAHZ	309	H	
71	64	.77	88	MAI		P3	02H	.41		.20	02H	02H	.600	ZPAHZ	309	H	
99	64	1.25	87	PCT	26	P2	08H	.87			TEH	TEC	.610	RBARD	93	C	
99	64	.67	105	PCT	17	P2	BW1	1.78			TEH	TEC	.610	RBARD	93	C	
99	64	1.34	78	PCT	20	P3	08H	.93			07H	VS3	.580	ZPUMZ	209	H	X45
99	64	.77	117	PCT	13	P3	08H	.94			07H	VS3	.580	ZPUMZ	209	H	X45
99	64	1.99	78	PCT	27	P3	BW1	1.65			07H	VS3	.580	ZPUMZ	209	H	X45
101	64	.69	52	PCT	11	P3	07H	.86			07H	VS3	.580	ZPUMZ	257	H	X60
101	64	.78	58	PCT	13	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	257	H	X60
105	64	1.46	67	PCT	21	P5	BW1	1.53			07H	VS3	.580	ZPUMZ	257	H	X60
113	64	1.13	78	SAI		P5	08H	38.50		14.00	07H	VS3	.580	ZPUMZ	257	H	X60
113	64	.82	90	PCT	13	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	257	H	X60
113	64	.90	28	SAI		P2	08H	38.50		10.00	08H	BW1	.580	ZPUFZ	335	H	
115	64	.93	82	SAI		P5	08H	40.00		11.70	07H	VS3	.580	ZPUMZ	257	H	X60
115	64	.73	86	PCT	12	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	257	H	X60
115	64	.57	33	SAI		P2	08H	40.00		10.60	08H	BW1	.580	ZPUFZ	311	H	
54	65	.52	61	PCT	9	P3	BW1	1.70			BW1	VS3	.580	ZPUFZ	185	H	
100	65	.62	147	PCT	14	P2	08H	.95			TEH	TEC	.610	RBARD	92	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
100	65	.52	85	PCT	9	P3	07H	.91			07H	VS3	.580	ZPUMZ	256	H	X60
100	65	.94	73	PCT	15	P3	08H	-.16			07H	VS3	.580	ZPUMZ	256	H	X60
100	65	1.41	83	PCT	20	P3	08H	.85			07H	VS3	.580	ZPUMZ	256	H	X60
61	66	2.58	1	BID		P1	02H	13.40			TEH	TEC	.610	RBARD	70	C	
61	66	1.13	4	BID		P1	06H	19.10			TEH	TEC	.610	RBARD	70	C	
61	66	1.97	14	MVI		P3	02H	13.32		.50	02H	03H	.600	ZPAHZ	118	H	NC
61	66																VID
61	66	3.16	12	MVI		P3	06H	19.12		.30	06H	07H	.600	ZPAHZ	118	H	NC
61	66																VID
95	66	1.00	7	BID		P1	04H	22.94			TEH	TEC	.610	RBARD	93	C	
95	66	2.44	6	BID		P1	08H	8.21			TEH	TEC	.610	RBARD	93	C	
95	66	2.76	10	MVI		P3	04H	22.88		.30	04H	05H	.600	ZPAHZ	118	H	NC
95	66																VID
95	66	.79	11	MVI		P3	08H	7.80		.40	07H	VS3	.580	ZPUMZ	210	H	NC
95	66																VID
95	66																X45
95	66	.87	82	SAI		P3	02H	-.13		.40	02H	02H	.600	ZPAHZ	309	H	
95	66	.70	80	SAI		P2	02H	-.13		.60	02H	02H	.600	ZPAHZ	309	H	
97	66	.80	72	PCT	13	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	209	H	X45
99	66	.82	82	PCT	13	P3	BW1	1.64			07H	VS3	.580	ZPUMZ	209	H	X45
101	66	.69	91	PCT	18	P2	08H	.95			TEH	TEC	.610	RBARD	93	C	
101	66	1.15	74	PCT	18	P3	08H	.89			07H	VS3	.580	ZPUMZ	257	H	X60
101	66	.79	63	PCT	13	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	257	H	X60
125	66	.57	64	PCT	10	P5	VS1	-.96			07H	VS3	.580	ZPUMZ	296	H	X75
74	67	.32	18	SCI		P2	TSH	.06		.63	TSH	TSH	.600	ZPAHZ	63	H	
74	67	.29	35	SCI		P4	TSH	.06		.63	TSH	TSH	.600	ZPAHZ	63	H	
98	67	.45	46	PCT	11	P2	08H	.95			TEH	TEC	.610	RBARD	92	C	
98	67	.79	73	PCT	13	P3	08H	.84			07H	VS3	.580	ZPUMZ	210	H	X45
100	67	.77	60	PCT	12	P3	07H	-.11			07H	VS3	.580	ZPUMZ	256	H	X60
104	67	.91	121	PCT	15	P5	BW1	1.97			07H	VS3	.580	ZPUMZ	256	H	X60
108	67	.71	51	PCT	12	P5	VS2	-.56			07H	VS3	.580	ZPUMZ	256	H	X60
122	67	.59	40	SAI		P5	VS1	.27		.20	07H	VS3	.580	ZPUMZ	256	H	X60
122	67	.00	0	SAI		P2	VS1	.27		.00	VS1	VS1	.580	ZPUFZ	313	H	
124	67	1.09	148	PCT	24	P2	VS1	.76			TEC	TEH	.610	RBARD	161	H	
132	67	.57	36	SAI		P5	VS1	.39		.50	07H	VS3	.580	ZPUMZ	295	H	X75
132	67	.26	106	SAI		P2	VS1	.39		.40	VS1	VS1	.580	ZPUFZ	358	H	
138	67	.62	135	SAI		P3	02H	-.76		.60	02H	02H	.600	ZPAHZ	309	H	
138	67	.60	79	SAI		P2	02H	-.76		1.00	02H	02H	.600	ZPAHZ	309	H	
103	68	.97	90	PCT	15	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	257	H	X60
107	68	1.48	79	PCT	21	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	257	H	X60
113	68	.75	58	SAI		P3	02H	.71		.30	02H	02H	.600	ZPAHZ	309	H	
113	68	.50	44	SAI		P2	02H	.71		.40	02H	02H	.600	ZPAHZ	309	H	
117	68	.66	106	PCT	11	P5	BW1	1.47			07H	VS3	.580	ZPUMZ	257	H	X60
123	68	.57	96	SAI		P3	04H	-.88		.40	04H	04H	.600	ZPAHZ	309	H	
123	68	.51	137	SAI		P2	04H	-.88		.50	04H	04H	.600	ZPAHZ	309	H	
139	68	.48	90	SAI		P5	VS1	.13		.30	07H	VS3	.580	ZPUMZ	296	H	X75
139	68	.47	85	SAI		P2	VS1	.13		.40	VS1	VS1	.580	ZPUFZ	358	H	
92	69	.48	41	MCI		P2	TSH	-16.40		.30	TSH	TSH	.600	ZPAHZ	95	H	
92	69	.38	38	MCI		P4	TSH	-16.40		.20	TSH	TSH	.600	ZPAHZ	95	H	
92	69	.58	47	MCI		P4	TSH	-16.08		.20	TSH	TSH	.600	ZPAHZ	95	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
92	69	.67	75	MCI		P2	TSH	-16.08		.30	TSH	TSH	.600	ZPAHZ	95	H	
92	69	3.06	15	MCI		P2	TEH	.08		.70	TEH	TSH	.600	ZPAHZ	105	H	
92	69	3.18	32	MCI		P4	TEH	.08		.95	TEH	TSH	.600	ZPAHZ	105	H	
106	69	.96	106	PCT	16	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	256	H	X60
118	69	.94	76	PCT	15	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	256	H	X60
83	70	2.37	4	BID		P1	07H	8.32			TEH	TEC	.610	RBARD	93	C	
109	70	.70	56	PCT	12	P3	08H	.90			07H	VS3	.580	ZPUMZ	257	H	X60
113	70	.45	11	MVI		P3	02C	4.42		.43	02C	03C	.600	ZPAHZ	22	C	PID
113	70																VID
113	70	1.88	18	MVI		P3	02C	10.38		.40	02C	03C	.600	ZPAHZ	22	C	NC
113	70																VID
113	70	1.83	16	MVI		P3	02C	13.99		.50	02C	03C	.600	ZPAHZ	22	C	NC
113	70																VID
113	70	.61	15	MVI		P3	02C	18.31		.50	02C	03C	.600	ZPAHZ	22	C	NC
113	70																VID
113	70	.57	18	MVI		P3	02C	23.47		.30	02C	03C	.600	ZPAHZ	22	C	NC
113	70																VID
113	70	1.25	38	MCI		P2	TSH	-18.05		.30	TSH	TSH	.600	ZPAHZ	103	H	
113	70	.97	39	MCI		P4	TSH	-18.05		.30	TSH	TSH	.600	ZPAHZ	103	H	
113	70	.95	38	MCI		P2	TSH	-16.40		.30	TSH	TSH	.600	ZPAHZ	103	H	
113	70	.77	38	MCI		P4	TSH	-16.40		.20	TSH	TSH	.600	ZPAHZ	103	H	
113	70	1.42	27	MCI		P2	TSH	-12.16		.40	TSH	TSH	.600	ZPAHZ	103	H	
113	70	.64	27	MCI		P4	TSH	-12.16		.40	TSH	TSH	.600	ZPAHZ	103	H	
113	70	.54	13	MCI		P2	TSH	-8.47		.30	TSH	TSH	.600	ZPAHZ	103	H	
113	70	.36	23	MCI		P4	TSH	-8.47		.30	TSH	TSH	.600	ZPAHZ	103	H	
113	70	3.10	9	BID		P1	02C	10.25			TEC	TEH	.610	RBARD	160	H	
113	70	2.56	10	BID		P1	02C	13.99			TEC	TEH	.610	RBARD	160	H	
129	70	.61	96	PCT	11	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	291	H	X75
133	70	.98	103	PCT	15	P3	VS7	1.18			VS7	VS7	.580	ZPUFZ	132	C	DQA
145	70	.65	72	PCT	11	P3	09H	.01			07H	VS3	.580	ZPUMZ	301	H	X75
151	70	1.01	63	PCT	17	P5	VS3	-1.00			07H	VS3	.580	ZPUMZ	301	H	X75
4	71	.44	65	SVI		P3	03C	8.42		.60	03C	04C	.600	ZPAHZ	21	C	DQA
4	71																NC
4	71																VOL
36	71	.64	126	PCT	17	P2	VS4	-.90			TEH	TEC	.610	RBARD	45	C	
78	71	.47	127	PCT	12	P2	VS3	-.74			TEH	TEC	.610	RBARD	90	C	
78	71	.88	29	PCT	14	P3	VS3	-.83			VS3	VS3	.580	ZPUFZ	185	H	
84	71	.88	63	PCT	14	P3	VS3	.83			VS3	VS3	.580	ZPUFZ	185	H	
102	71	.92	76	PCT	15	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	256	H	X60
106	71	.97	72	PCT	15	P3	08H	.92			07H	VS3	.580	ZPUMZ	256	H	X60
106	71	.86	81	PCT	14	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	256	H	X60
110	71	.84	39	SCI		P2	TEH	8.60		.40	TEH	TSH	.600	ZPAHZ	118	H	DQA
110	71	.58	42	SCI		P4	TEH	8.60		.50	TEH	TSH	.600	ZPAHZ	118	H	
112	71	.34	52	PCT	9	P2	BW1	2.10			TEH	TEC	.610	RBARD	90	C	
112	71	.54	75	SAI		P5	BW1	2.43		.30	07H	VS3	.580	ZPUMZ	256	H	X60
112	71	.00	0	SAI		P2	BW1	2.43		.00	BW1	BW1	.580	ZPUFZ	313	H	
128	71	.50	86	SAI		P5	VS1	.68		.30	07H	VS3	.580	ZPUMZ	294	H	X75
128	71	.44	80	SAI		P2	VS1	.68		.40	VS1	VS1	.580	ZPUFZ	358	H	
142	71	1.30	79	SAI		P5	BW1	1.79		.30	07H	VS3	.580	ZPUMZ	301	H	X75
142	71	.00	0	SAI		P2	BW1	1.79		.00	BW1	BW1	.580	ZPUFZ	313	H	
144	71	.75	122	PCT	19	P2	VS1	.58			TEC	TEH	.610	RBARD	173	H	
144	71	.72	57	SAI		P5	VS1	.67		.30	07H	VS3	.580	ZPUMZ	301	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
144	71	.00	0	SAI		P2	VS1	.67		.00	VS1	VS1	.580	ZPUFZ	313	H	
146	71	.56	118	PCT	10	P3	BW1	1.92			07H	VS3	.580	ZPUMZ	301	H	X75
148	71	.68	43	PCT	12	P5	VS3	-.94			07H	VS3	.580	ZPUMZ	301	H	X75
150	71	.53	61	PCT	10	P5	VS3	-1.04			07H	VS3	.580	ZPUMZ	301	H	X75
17	72	.87	19	SAI		P2	TSH	-.31		.40	TSH	TSH	.600	ZPAHZ	52	H	
17	72	1.08	27	SAI		P3	TSH	-.31		.40	TSH	TSH	.600	ZPAHZ	52	H	
97	72	.69	39	PCT	12	P3	BW1	1.66			07H	VS3	.580	ZPUMZ	209	H	X45
107	72	.50	119	PCT	14	P2	BW1	1.85			TEH	TEC	.610	RBARD	91	C	
107	72	.83	57	PCT	14	P3	08H	.86			07H	VS3	.580	ZPUMZ	257	H	X60
107	72	1.71	86	PCT	24	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	257	H	X60
117	72	1.26	111	PCT	26	P2	09H	.87			TEC	TEH	.610	RBARD	161	H	DQA
117	72	1.01	68	PCT	16	P3	09H	.90			07H	VS3	.580	ZPUMZ	257	H	X60
145	72	.56	77	PCT	10	P3	BW1	2.11			07H	VS3	.580	ZPUMZ	301	H	X75
147	72	.63	95	PCT	11	P3	BW1	1.92			07H	VS3	.580	ZPUMZ	301	H	X75
40	73	.32	11	SCI		P2	TSH	.06		.10	TSH	TSH	.600	ZPAHZ	70	H	
40	73	.34	32	SCI		P4	TSH	.06		.20	TSH	TSH	.600	ZPAHZ	70	H	
62	73	1.82	120	PCT	33	P2	VS5	.98			TEH	TEC	.610	RBARD	71	C	
62	73	1.82	102	PCT	25	P3	VS5	1.11			VS5	VS5	.580	ZPUFZ	132	C	DQA
64	73	.29	33	SCI		P4	TSH	.23		.30	TSH	TSH	.600	ZPAHZ	70	H	
64	73	.35	126	SCI		P2	TSH	.23		.20	TSH	TSH	.600	ZPAHZ	70	H	
68	73	1.47	13	BID		P1	04C	17.68			TEH	TEC	.610	RBARD	71	C	
68	73	1.51	11	BID		P1	04C	21.50			TEH	TEC	.610	RBARD	71	C	
80	73	.00	0	SCI		P2	TSH	.12		.00	TSH	TSH	.600	ZPAHZ	70	H	
80	73	.14	38	SCI		P4	TSH	.12		.30	TSH	TSH	.600	ZPAHZ	70	H	
96	73	.34	128	SAI		P2	02H	.50		.50	02H	02H	.600	ZPAHZ	309	H	
96	73	.47	125	SAI		P3	02H	.50		.30	02H	02H	.600	ZPAHZ	309	H	
112	73	.83	146	PCT	19	P2	VS3	-.91			TEH	TEC	.610	RBARD	90	C	
112	73	.71	114	PCT	17	P2	VS3	.91			TEH	TEC	.610	RBARD	90	C	
112	73	1.16	47	PCT	18	P5	VS2	.16			07H	VS3	.580	ZPUMZ	256	H	X60
112	73	1.36	89	PCT	21	P5	VS3	-.86			07H	VS3	.580	ZPUMZ	256	H	X60
112	73	.99	97	PCT	16	P5	VS3	.93			07H	VS3	.580	ZPUMZ	256	H	X60
116	73	.79	69	SAI		P3	02H	.53		.20	02H	02H	.600	ZPAHZ	309	H	
116	73	.86	22	SAI		P2	02H	.53		.70	02H	02H	.600	ZPAHZ	309	H	
132	73	.68	68	PCT	11	P3	05C	-.92			05C	05C	.600	ZPAHZ	137	C	
138	73	.45	49	SAI		P5	VS1	.80		.20	07H	VS3	.580	ZPUMZ	292	H	X75
138	73	.00	0	SAI		P2	VS1	.80		.00	VS1	VS1	.580	ZPUFZ	313	H	
39	74	.47	46	SCI		P2	TSH	.03		.30	TSH	TSH	.600	ZPAHZ	69	H	
39	74	.18	30	SCI		P4	TSH	.03		.30	TSH	TSH	.600	ZPAHZ	69	H	
85	74	2.40	124	PCT	38	P2	VS5	-.50			TEH	TEC	.610	RBARD	91	C	
85	74	2.79	76	PCT	34	P3	VS5	-1.05			VS5	VS5	.580	ZPUFZ	132	C	DQA
105	74	1.05	109	PCT	16	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	257	H	X60
109	74	.86	90	PCT	14	P5	VS2	-.01			07H	VS3	.580	ZPUMZ	257	H	X60
111	74	2.06	36	MCI		P2	TSH	-14.98		.40	TSH	TSH	.600	ZPAHZ	89	H	
111	74	1.39	37	MCI		P4	TSH	-14.98		.50	TSH	TSH	.600	ZPAHZ	89	H	
111	74	1.15	42	MCI		P4	TSH	-14.34		.40	TSH	TSH	.600	ZPAHZ	89	H	
111	74	1.14	40	MCI		P2	TSH	-14.34		.20	TSH	TSH	.600	ZPAHZ	89	H	
111	74	.64	42	SAI		P5	BW1	2.59		.30	07H	VS3	.580	ZPUMZ	257	H	X60
111	74	.58	36	SAI		P2	BW1	2.59		.50	BW1	BW1	.580	ZPUFZ	347	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
113	74	.80	53	PCT	13	P3	VS5	-1.03			VS5	VS5	.580	ZPUFZ	132	C	DQA
113	74	.58	113	PCT	15	P2	VS5	-.86			TEC	TEH	.610	RBARD	161	H	
113	74	.70	62	PCT	12	P3	08H	.90			07H	VS3	.580	ZPUMZ	257	H	X60
115	74	.86	111	PCT	20	P2	BW1	1.75			TEC	TEH	.610	RBARD	161	H	
115	74	2.21	79	PCT	29	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	257	H	X60
129	74	.72	51	SAI		P5	VS1	.70		.20	07H	VS3	.580	ZPUMZ	291	H	X75
129	74	.00	0	SAI		P2	VS1	.70		.00	VS1	VS1	.580	ZPUFZ	313	H	
143	74	.32	100	PCT	10	P2	09H	-.97			TEC	TEH	.610	RBARD	172	H	
143	74	.81	81	PCT	14	P3	09H	-1.01			07H	VS3	.580	ZPUMZ	293	H	X75
149	74	.58	138	PCT	10	P3	BW1	2.09			07H	VS3	.580	ZPUMZ	301	H	X75
153	74	.42	104	PCT	13	P2	VS1	.00			TEC	TEH	.610	RBARD	172	H	
153	74	1.40	76	PCT	22	P5	VS1	.06			07H	VS3	.580	ZPUMZ	301	H	X75
155	74	.81	64	PCT	12	P3	02C	-1.06			02C	02C	.600	ZPAHZ	138	C	
30	75	.28	25	SCI		P4	TSH	.03		.30	TSH	TSH	.600	ZPAHZ	70	H	
30	75	.00	0	SCI		P2	TSH	.03		.00	TSH	TSH	.600	ZPAHZ	70	H	
90	75	.63	133	MAI		P3	VS5	-.98		.60	VS5	VS5	.580	ZPUFZ	132	C	
90	75	.37	16	MAI		P2	VS5	-.98		.20	VS5	VS5	.580	ZPUFZ	132	C	
90	75	.70	48	MAI		P3	VS5	.98		.20	VS5	VS5	.580	ZPUFZ	132	C	
90	75	.16	165	MAI		P2	VS5	.98		.40	VS5	VS5	.580	ZPUFZ	132	C	DQA
102	75	1.71	39	MCI		P4	TSH	-15.92		.30	TSH	TSH	.600	ZPAHZ	89	H	
102	75	1.75	46	MCI		P2	TSH	-15.92		.20	TSH	TSH	.600	ZPAHZ	89	H	
102	75	5.55	38	MCI		P4	TEH	6.65		.55	TEH	TSH	.600	ZPAHZ	105	H	
102	75	6.07	34	MCI		P2	TEH	6.65		.43	TEH	TSH	.600	ZPAHZ	105	H	
102	75	3.83	39	MCI		P4	TEH	6.97		.25	TEH	TSH	.600	ZPAHZ	105	H	
102	75	3.90	45	MCI		P2	TEH	6.97		.40	TEH	TSH	.600	ZPAHZ	105	H	
104	75	.73	40	MCI		P4	TSH	-14.92		.30	TSH	TSH	.600	ZPAHZ	90	H	
104	75	.69	32	MCI		P2	TSH	-14.92		.30	TSH	TSH	.600	ZPAHZ	90	H	
104	75	.71	39	MCI		P4	TEH	6.16		.18	TEH	TSH	.600	ZPAHZ	105	H	
104	75	.83	38	MCI		P2	TEH	6.16		.30	TEH	TSH	.600	ZPAHZ	105	H	
104	75	.61	36	MCI		P4	TEH	7.11		.33	TEH	TSH	.600	ZPAHZ	105	H	
104	75	.91	48	MCI		P2	TEH	7.11		.38	TEH	TSH	.600	ZPAHZ	105	H	
106	75	.69	78	PCT	17	P2	BW1	1.77			TEH	TEC	.610	RBARD	90	C	
106	75	1.43	95	PCT	21	P5	BW1	2.14			07H	VS3	.580	ZPUMZ	249	H	X60
108	75	1.23	68	PCT	19	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	249	H	X60
110	75	.84	67	PCT	14	P5	BW1	2.24			07H	VS3	.580	ZPUMZ	249	H	X60
112	75	.65	39	PCT	11	P5	VS2	-.82			07H	VS3	.580	ZPUMZ	249	H	X60
114	75	.37	67	PCT	12	P2	07H	.78			TEC	TEH	.610	RBARD	160	H	
114	75	.67	77	PCT	11	P3	07H	.87			07H	VS3	.580	ZPUMZ	249	H	X60
114	75	1.79	86	PCT	25	P5	BW1	1.52			07H	VS3	.580	ZPUMZ	249	H	X60
114	75	1.17	86	SVI	18	P5	BW1	2.44		.50	07H	VS3	.580	ZPUMZ	249	H	TTW
114	75																X60
120	75	.28	92	PCT	9	P2	BW1	1.97			TEC	TEH	.610	RBARD	160	H	
120	75	.84	82	PCT	14	P5	BW1	2.18			07H	VS3	.580	ZPUMZ	256	H	X60
122	75	.51	72	PCT	15	P2	VS1	-.88			TEC	TEH	.610	RBARD	160	H	
122	75	.97	59	PCT	16	P5	VS1	-.73			07H	VS3	.580	ZPUMZ	256	H	X60
128	75	.47	57	SAI		P5	VS1	-.57		.30	07H	VS3	.580	ZPUMZ	294	H	X75
128	75	.00	0	SAI		P2	VS1	-.57		.00	VS1	VS1	.580	ZPUFZ	313	H	
144	75	.57	106	SAI		P5	VS1	.71		.20	07H	VS3	.580	ZPUMZ	294	H	X75
144	75	.00	0	SAI		P2	VS1	.71		.00	VS1	VS1	.580	ZPUFZ	313	H	
154	75	.84	135	PCT	20	P2	VS7	.93			TEH	TEC	.610	RBARD	107	C	
154	75	1.34	80	PCT	20	P3	VS7	.80			VS7	VS7	.580	ZPUFZ	133	C	DQA

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
156	75	.98	52	PCT	16	P3	BW2	1.88			BW2	VS5	.580	ZPUFZ	133	C	DQA
91	76	1.33	36	MCI		P4	TSH	-14.02		.30	TSH	TSH	.600	ZPAHZ	89	H	
91	76	1.28	42	MCI		P2	TSH	-14.02		.20	TSH	TSH	.600	ZPAHZ	89	H	
91	76	1.62	39	MCI		P4	TSH	-13.01		.30	TSH	TSH	.600	ZPAHZ	89	H	
91	76	1.96	36	MCI		P2	TSH	-13.01		.20	TSH	TSH	.600	ZPAHZ	89	H	
91	76	1.76	32	MCI		P2	TEH	.09		.43	TEH	TSH	.600	ZPAHZ	105	H	
91	76	1.96	38	MCI		P4	TEH	.09		1.13	TEH	TSH	.600	ZPAHZ	105	H	
91	76	.62	26	SAI		P5	VS5	-.14		.30	07C	VS5	.580	ZPUMZ	116	C	X45
91	76	.00	0	SAI		P2	VS5	-.14		.00	VS5	VS5	.580	ZPUFZ	131	C	DQA
97	76	.69	70	PCT	11	P3	BW1	2.01			07H	VS3	.580	ZPUMZ	209	H	X45
99	76	.59	85	PCT	10	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	209	H	X45
101	76	.59	81	PCT	10	P5	BW1	-2.01			07H	VS3	.580	ZPUMZ	250	H	X60
105	76	.94	87	PCT	15	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	250	H	X60
107	76	1.09	92	PCT	17	P5	BW1	2.06			07H	VS3	.580	ZPUMZ	250	H	X60
115	76	.95	118	PCT	21	P2	08H	.84			TEC	TEH	.610	RBARD	161	H	
115	76	.84	112	PCT	20	P2	BW1	-1.82			TEC	TEH	.610	RBARD	161	H	
115	76	1.10	110	PCT	24	P2	BW1	1.75			TEC	TEH	.610	RBARD	161	H	
115	76	1.55	86	PCT	22	P3	08H	.88			07H	VS3	.580	ZPUMZ	257	H	X60
115	76	2.17	73	PCT	28	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	257	H	X60
115	76	2.35	93	PCT	30	P5	BW1	1.65			07H	VS3	.580	ZPUMZ	257	H	X60
117	76	.51	97	PCT	14	P2	09H	-.99			TEC	TEH	.610	RBARD	161	H	DQA
117	76	.55	51	PCT	10	P3	09H	-.99			07H	VS3	.580	ZPUMZ	257	H	X60
119	76	.62	104	PCT	10	P5	BW1	-2.10			07H	VS3	.580	ZPUMZ	257	H	X60
26	77	.86	48	SVI		P3	03C	3.01		.40	03C	04C	.600	ZPAHZ	21	C	DQA
26	77																NC
26	77																PIT
28	77	.60	39	PCT	10	P3	VS4	-.89			VS4	VS4	.580	ZPUFZ	185	H	
72	77	.56	33	PCT	15	P2	VS3	1.00			TEH	TEC	.610	RBARD	71	C	
72	77	.81	55	PCT	13	P3	VS3	.91			VS3	VS3	.580	ZPUFZ	185	H	
80	77	1.79	109	PCT	31	P2	VS5	-.93			TEH	TEC	.610	RBARD	90	C	
80	77	2.21	63	PCT	29	P3	VS5	-1.41			VS5	VS5	.580	ZPUFZ	132	C	DQA
112	77	1.58	127	PCT	29	P2	VS2	-.82			TEH	TEC	.610	RBARD	90	C	
112	77	.71	95	PCT	12	P5	VS5	-.98			07C	VS5	.580	ZPUMZ	123	C	X60
112	77	2.16	82	PCT	28	P5	VS2	-.88			07H	VS3	.580	ZPUMZ	249	H	X60
114	77	1.12	78	PCT	18	P5	BW1	1.40			07H	VS3	.580	ZPUMZ	249	H	X60
138	77	.37	122	MAI		P3	04H	.28		.30	04H	04H	.600	ZPAHZ	309	H	
138	77	.44	114	MAI		P2	04H	.28		.40	04H	04H	.600	ZPAHZ	309	H	
138	77	.47	121	MAI		P2	04H	.74		.50	04H	04H	.600	ZPAHZ	309	H	
138	77	.43	146	MAI		P3	04H	.74		.30	04H	04H	.600	ZPAHZ	309	H	
150	77	.79	70	PCT	13	P5	VS1	.21			07H	VS3	.580	ZPUMZ	294	H	X75
156	77	.85	75	PCT	14	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	297	H	X75
27	78	.79	51	SVI		P3	03C	2.79		.20	03C	03C	.600	ZPAHZ	21	C	DQA
27	78																NC
27	78																PIT
97	78	.65	40	PCT	11	P3	BW1	1.70			07H	VS3	.580	ZPUMZ	209	H	X45
103	78	.50	46	SVI	9	P5	BW1	2.70		.40	07H	VS3	.580	ZPUMZ	250	H	TTW
103	78																X60
105	78	.76	16	MVI		P3	02C	10.70		.30	02C	03C	.600	ZPAHZ	20	C	DQA
105	78																NC

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
105	78																VID
105	78	.38	13	MVI		P3	02C	21.20		.20	02C	03C	.600	ZPAHZ	20	C	DQA
105	78																NC
105	78																VID
113	78	.49	84	PCT	13	P2	08H	.86			TEC	TEH	.610	RBARD	161	H	
113	78	.91	73	PCT	15	P3	08H	.89			07H	VS3	.580	ZPUMZ	250	H	X60
113	78	.94	80	PCT	15	P5	BW1	1.55			07H	VS3	.580	ZPUMZ	250	H	X60
113	78	1.20	62	PCT	18	P5	BW1	2.15			07H	VS3	.580	ZPUMZ	250	H	X60
117	78	.70	109	SAI		P5	VS6	1.02		.30	07C	VS5	.580	ZPUMZ	122	C	X60
117	78	.16	30	SAI		P2	VS6	1.02		.20	VS6	VS6	.580	ZPUFZ	131	C	
129	78	1.10	75	PCT	19	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	288	H	X75
137	78	.52	95	SAI		P5	VS1	.62		.40	07H	VS3	.580	ZPUMZ	288	H	X75
137	78	.00	0	SAI		P2	VS1	.62		.00	VS1	VS1	.580	ZPUFZ	315	H	
153	78	1.04	79	PCT	17	P5	VS1	.79			07H	VS3	.580	ZPUMZ	301	H	X75
153	78	.94	69	PCT	16	P5	VS3	-.80			07H	VS3	.580	ZPUMZ	301	H	X75
28	79	.61	45	PCT	10	P3	BW2	-1.87			BW2	VS4	.580	ZPUFZ	133	C	
50	79	.00	0	SCI		P2	TSH	.00		.00	TSH	TSH	.600	ZPAHZ	72	H	
50	79	.33	26	SCI		P4	TSH	.00		.20	TSH	TSH	.600	ZPAHZ	72	H	
52	79	2.06	42	SCI		P4	TSH	-9.66		.30	TSH	TSH	.600	ZPAHZ	72	H	
52	79	2.50	43	SCI		P2	TSH	-9.66		.38	TSH	TSH	.600	ZPAHZ	105	H	
70	79	.54	144	MAI		P2	02H	-.55		.40	02H	02H	.600	ZPAHZ	309	H	
70	79	.77	85	MAI		P3	02H	-.55		.30	02H	02H	.600	ZPAHZ	309	H	
70	79	.38	108	MAI		P2	02H	.60		.80	02H	02H	.600	ZPAHZ	309	H	
70	79	.71	96	MAI		P3	02H	.60		.50	02H	02H	.600	ZPAHZ	309	H	
106	79	.86	67	PCT	14	P3	08H	.91			07H	VS3	.580	ZPUMZ	249	H	X60
106	79	.80	86	PCT	13	P5	BW1	2.05			07H	VS3	.580	ZPUMZ	249	H	X60
108	79	.80	75	PCT	13	P3	08H	.85			07H	VS3	.580	ZPUMZ	249	H	X60
110	79	.66	78	PCT	11	P3	07H	1.05			07H	VS3	.580	ZPUMZ	249	H	X60
112	79	.68	156	PCT	16	P2	08H	.80			TEH	TEC	.610	RBARD	90	C	
112	79	.83	63	PCT	14	P3	08H	.84			07H	VS3	.580	ZPUMZ	249	H	X60
114	79	.76	146	PCT	20	P2	BW1	-1.75			TEC	TEH	.610	RBARD	160	H	
114	79	1.10	83	PCT	17	P3	08H	-.16			07H	VS3	.580	ZPUMZ	249	H	X60
114	79	.97	59	PCT	16	P3	08H	1.00			07H	VS3	.580	ZPUMZ	249	H	X60
114	79	2.21	80	PCT	29	P5	BW1	-1.75			07H	VS3	.580	ZPUMZ	249	H	X60
124	79	.63	77	PCT	10	P3	09H	-.05			07H	VS3	.580	ZPUMZ	249	H	X60
154	79	.66	61	PCT	11	P5	BW1	-2.25			07H	VS3	.580	ZPUMZ	289	H	X75
156	79	.85	130	PCT	20	P2	VS1	-.73			TEH	TEC	.610	RBARD	107	C	
156	79	1.77	24	SVI		P5	BW1	15.41		.90	07H	VS3	.580	ZPUMZ	297	H	PID
156	79																VID
156	79																X75
156	79	1.59	73	PCT	24	P5	VS1	-.88			07H	VS3	.580	ZPUMZ	297	H	X75
93	80	.93	88	MAI		P5	VS5	.54		.40	07C	VS5	.580	ZPUMZ	116	C	X45
93	80	.40	103	MAI		P5	VS6	.06		.20	07C	VS5	.580	ZPUMZ	116	C	X45
93	80	.24	78	MAI		P2	VS5	.54		.40	VS5	VS5	.580	ZPUFZ	131	C	
93	80	.00	0	MAI		P2	VS6	.06		.00	VS6	VS6	.580	ZPUFZ	131	C	
103	80	.96	48	PCT	15	P5	BW1	1.18			07H	VS3	.580	ZPUMZ	250	H	X60
105	80	1.10	69	PCT	17	P5	BW1	-2.08			07H	VS3	.580	ZPUMZ	250	H	X60
109	80	.92	92	PCT	15	P5	BW1	2.13			07H	VS3	.580	ZPUMZ	250	H	X60
111	80	.52	150	PCT	14	P2	08H	.85			TEH	TEC	.610	RBARD	91	C	
111	80	.80	62	PCT	14	P3	08H	.90			07H	VS3	.580	ZPUMZ	250	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
115	80	.92	66	PCT	15	P5	BW1	-1.93			07H	VS3	.580	ZPUMZ	250	H	X60
115	80	1.06	79	PCT	17	P5	BW1	1.53			07H	VS3	.580	ZPUMZ	250	H	X60
117	80	.62	93	PCT	16	P2	09H	.93			TEC	TEH	.610	RBARD	161	H	DQA
117	80	.85	115	PCT	15	P3	09H	1.01			07H	VS3	.580	ZPUMZ	250	H	X60
121	80	1.01	47	PCT	17	P3	09H	-.84			07H	VS3	.580	ZPUMZ	250	H	X60
155	80	1.07	75	PCT	16	P3	02C	-1.04			02C	02C	.600	ZPAHZ	138	C	
157	80	.90	85	PCT	15	P3	04C	-1.01			04C	04C	.600	ZPAHZ	21	C	DQA
157	80	1.50	77	PCT	22	P3	04C	.82			04C	04C	.600	ZPAHZ	21	C	DQA
157	80	2.04	86	PCT	28	P3	03C	.05			03C	03C	.600	ZPAHZ	21	C	DQA
157	80	.66	96	PCT	11	P3	03C	.84			03C	03C	.600	ZPAHZ	21	C	DQA
157	80	.88	88	PCT	14	P3	02C	-.91			02C	02C	.600	ZPAHZ	21	C	DQA
157	80	.72	107	PCT	16	P2	04C	.78			TEH	TEC	.610	RBARD	106	C	
157	80	.88	87	PCT	18	P2	03C	-.02			TEH	TEC	.610	RBARD	106	C	
94	81	1.30	45	MCI		P4	TSH	-14.75		.30	TSH	TSH	.600	ZPAHZ	89	H	
94	81	1.41	39	MCI		P2	TSH	-14.75		.20	TSH	TSH	.600	ZPAHZ	89	H	
94	81	.50	65	MCI		P2	TEH	6.92		.33	TEH	TSH	.600	ZPAHZ	105	H	
94	81	.66	41	MCI		P4	TEH	6.92		.15	TEH	TSH	.600	ZPAHZ	105	H	
94	81	1.64	49	MCI		P2	TEH	7.33		.35	TEH	TSH	.600	ZPAHZ	105	H	
94	81	1.47	43	MCI		P4	TEH	7.33		.20	TEH	TSH	.600	ZPAHZ	105	H	
98	81	.54	34	SCI		P4	TSH	-13.57		.30	TSH	TSH	.600	ZPAHZ	89	H	
98	81	.64	34	SCI		P2	TSH	-13.57		.20	TSH	TSH	.600	ZPAHZ	89	H	
98	81	.74	103	SAI		P5	VS6	.06		.50	07C	VS5	.580	ZPUMZ	117	C	X45
98	81	.42	47	SAI		P2	VS6	.06		.40	VS6	VS6	.580	ZPUFZ	131	C	DQA
98	81	.34	142	SAI		P2	04H	-.96		.30	04H	04H	.600	ZPAHZ	309	H	
98	81	.68	94	SAI		P3	04H	-.96		.20	04H	04H	.600	ZPAHZ	309	H	
102	81	.87	48	PCT	14	P5	BW1	-1.41			07H	VS3	.580	ZPUMZ	249	H	X60
104	81	.34	33	MAI		P5	VS5	-.97		.60	07C	VS5	.580	ZPUMZ	123	C	X60
104	81	.94	44	MAI		P5	VS6	-1.04		.50	07C	VS5	.580	ZPUMZ	123	C	X60
104	81	.00	0	MAI		P2	VS5	-.97		.00	VS5	VS5	.580	ZPUFZ	131	C	
104	81	.16	65	MAI		P2	VS6	-1.04		.10	VS6	VS6	.580	ZPUFZ	131	C	
106	81	1.08	73	PCT	17	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	249	H	X60
110	81	.43	43	MCI		P4	TSH	-15.60		.20	TSH	TSH	.600	ZPAHZ	99	H	
110	81	.66	34	MCI		P2	TSH	-15.60		.30	TSH	TSH	.600	ZPAHZ	99	H	
110	81	1.39	40	MCI		P4	TSH	-15.10		.20	TSH	TSH	.600	ZPAHZ	99	H	
110	81	1.69	35	MCI		P2	TSH	-15.10		.40	TSH	TSH	.600	ZPAHZ	99	H	
110	81	.28	39	MCI		P4	TSH	-14.66		.20	TSH	TSH	.600	ZPAHZ	99	H	
110	81	.42	40	MCI		P2	TSH	-14.66		.30	TSH	TSH	.600	ZPAHZ	99	H	
110	81	.29	42	MCI		P4	TSH	-14.20		.20	TSH	TSH	.600	ZPAHZ	99	H	
110	81	.48	55	MCI		P2	TSH	-14.20		.20	TSH	TSH	.600	ZPAHZ	99	H	
110	81	.36	145	SAI		P2	04H	.69		.50	04H	04H	.600	ZPAHZ	309	H	
110	81	.87	89	SAI		P3	04H	.69		.40	04H	04H	.600	ZPAHZ	309	H	
116	81	.60	56	PCT	17	P2	09H	-1.20			TEC	TEH	.610	RBARD	155	H	DQA
116	81	1.17	83	PCT	18	P3	09H	-1.27			07H	VS3	.580	ZPUMZ	249	H	X60
120	81	.57	53	PCT	10	P3	07H	-1.08			07H	VS3	.580	ZPUMZ	249	H	X60
120	81	.83	40	PCT	14	P3	07H	.95			07H	VS3	.580	ZPUMZ	249	H	X60
122	81	1.02	84	PCT	16	P5	VS1	-.91			07H	VS3	.580	ZPUMZ	249	H	X60
130	81	.71	63	SAI		P5	VS1	-.92		.40	07H	VS3	.580	ZPUMZ	287	H	X75
130	81	.00	0	SAI		P2	VS1	-.92		.00	VS1	VS1	.580	ZPUFZ	315	H	
140	81	.72	79	PCT	12	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	289	H	X75
146	81	.56	50	SAI		P5	VS1	1.49		.80	07H	VS3	.580	ZPUMZ	287	H	X75
146	81	.00	0	SAI		P2	VS1	1.49		.00	VS1	VS1	.580	ZPUFZ	315	H	
146	81	.93	70	SAI		P3	02H	.51		.30	02H	02H	.600	ZPAHZ	327	H	
146	81	.98	84	SAI		P2	02H	.51		.50	02H	02H	.600	ZPAHZ	327	H	
156	81	1.29	76	PCT	20	P3	03C	-1.00			03C	03C	.600	ZPAHZ	21	C	DQA

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
156	81	.52	58	PCT	14	P2	03C	-1.03			TEH	TEC	.610	RBARD	107	C	
31	82	.74	69	PCT	12	P3	BW1	-1.96			BW1	VS4	.580	ZPUFZ	185	H	
35	82	.58	90	PCT	10	P3	BW2	1.76			BW2	VS4	.580	ZPUFZ	133	C	DQA
51	82	.24	30	SCI		P4	TSH	.05		.20	TSH	TSH	.600	ZPAHZ	71	H	
51	82	.19	16	SCI		P2	TSH	.05		.20	TSH	TSH	.600	ZPAHZ	71	H	
69	82	.25	43	MCI		P2	TSH	.16		.30	TSH	TSH	.600	ZPAHZ	71	H	
69	82	.22	42	MCI		P4	TSH	.16		.30	TSH	TSH	.600	ZPAHZ	71	H	
69	82	4.03	27	MCI		P4	TEH	.10		.60	TEH	TSH	.600	ZPAHZ	117	H	
69	82	7.75	35	MCI		P2	TEH	.10		.75	TEH	TSH	.600	ZPAHZ	117	H	
71	82	.57	42	MCI		P4	TSH	-15.83		.40	TSH	TSH	.600	ZPAHZ	72	H	
71	82	.78	42	MCI		P4	TSH	-11.85		.40	TSH	TSH	.600	ZPAHZ	72	H	
71	82	.96	41	MCI		P4	TSH	-9.63		.40	TSH	TSH	.600	ZPAHZ	72	H	
71	82	2.78	28	MCI		P4	TEH	.10		.47	TEH	TSH	.600	ZPAHZ	105	H	
71	82	2.82	20	MCI		P2	TEH	.10		.39	TEH	TSH	.600	ZPAHZ	105	H	
71	82	.71	55	MCI		P2	TSH	-15.83		.27	TEH	TSH	.600	ZPAHZ	105	H	
71	82	.91	62	MCI		P2	TSH	-11.85		.35	TEH	TSH	.600	ZPAHZ	105	H	
71	82	1.47	59	MCI		P2	TSH	-9.63		.40	TEH	TSH	.600	ZPAHZ	105	H	
85	82	.85	33	MCI		P2	TSH	-14.81		.30	TSH	TSH	.600	ZPAHZ	90	H	
85	82	.67	40	MCI		P4	TSH	-14.81		.20	TSH	TSH	.600	ZPAHZ	90	H	
85	82	4.10	47	MCI		P2	TEH	.12		1.20	TEH	TSH	.600	ZPAHZ	105	H	
85	82	4.03	27	MCI		P4	TEH	.12		.50	TEH	TSH	.600	ZPAHZ	105	H	
103	82	.16	9	SAI		P2	VS6	-.22		.50	VS6	VS6	.580	ZPUFZ	132	C	DQA
103	82	.75	85	SAI		P3	VS6	-.22		.50	VS6	VS6	.580	ZPUFZ	132	C	
111	82	.71	90	PCT	12	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	250	H	X60
117	82	.95	82	PCT	20	P2	09H	-1.13			TEH	TEC	.610	RBARD	108	C	
117	82	.75	72	PCT	13	P3	09H	-1.13			07H	VS3	.580	ZPUMZ	250	H	X60
121	82	.83	39	PCT	14	P3	07H	.94			07H	VS3	.580	ZPUMZ	250	H	X60
131	82	.80	79	PCT	14	P5	BW1	-2.11			07H	VS3	.580	ZPUMZ	288	H	X75
131	82	.78	45	SAI		P5	VS1	.81		.50	07H	VS3	.580	ZPUMZ	288	H	X75
131	82	.00	0	SAI		P2	VS1	.81		.00	VS1	VS1	.580	ZPUFZ	315	H	
139	82	.47	55	PCT	14	P2	BW1	1.77			TEC	TEH	.610	RBARD	177	H	
139	82	1.55	84	PCT	24	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	288	H	X75
149	82	.74	77	PCT	13	P5	VS3	-.83			07H	VS3	.580	ZPUMZ	290	H	X75
157	82	1.34	79	PCT	20	P3	03C	.85			03C	03C	.600	ZPAHZ	21	C	DQA
157	82	1.54	82	PCT	22	P3	02C	-.98			02C	02C	.600	ZPAHZ	21	C	DQA
157	82	.84	121	PCT	18	P2	03C	.81			TEH	TEC	.610	RBARD	106	C	
38	83	.81	38	PCT	13	P3	VS4	-.88			VS4	VS4	.580	ZPUFZ	185	H	
74	83	.74	60	PCT	12	P3	VS3	.89			VS3	VS3	.580	ZPUFZ	185	H	
106	83	1.06	68	PCT	17	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	249	H	X60
110	83	.96	75	PCT	16	P3	08H	.89			07H	VS3	.580	ZPUMZ	249	H	X60
112	83	1.04	58	PCT	17	P3	07H	.95			07H	VS3	.580	ZPUMZ	249	H	X60
114	83	.70	48	PCT	12	P5	VS2	-1.03			07H	VS3	.580	ZPUMZ	249	H	X60
118	83	.63	110	PCT	10	P3	09H	-.76			07H	VS3	.580	ZPUMZ	249	H	X60
118	83	.70	90	PCT	12	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	249	H	X60
140	83	.46	44	PCT	12	P2	BW1	2.09			TEC	TEH	.610	RBARD	178	H	
140	83	1.20	83	PCT	19	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	289	H	X75
146	83	.90	101	PCT	15	P3	BW1	-2.03			07H	VS3	.580	ZPUMZ	287	H	X75
154	83	.76	63	PCT	14	P3	BW1	1.69			07H	VS3	.580	ZPUMZ	290	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
156	83	1.11	80	PCT	17	P3	05C	.91			05C	05C	.600	ZPAHZ	21	C	DQA
156	83	.83	75	PCT	14	P3	03C	.86			03C	03C	.600	ZPAHZ	21	C	DQA
156	83	.49	53	PCT	8	P3	02H	-.79			02H	02H	.600	ZPAHZ	130	H	
156	83	1.63	68	PCT	23	P3	BW2	1.83			BW2	VS5	.580	ZPUFZ	133	C	
35	84	.54	67	PCT	9	P3	BW2	-2.00			BW2	VS4	.580	ZPUFZ	132	C	
35	84	.70	89	PCT	12	P3	BW1	-1.41			BW1	VS4	.580	ZPUFZ	185	H	
83	84	.89	67	PCT	14	P3	VS3	-.60			VS3	VS3	.580	ZPUFZ	185	H	
109	84	.72	82	PCT	13	P3	08H	.81			07H	VS3	.580	ZPUMZ	250	H	X60
111	84	.76	75	PCT	13	P3	07H	.90			07H	VS3	.580	ZPUMZ	250	H	X60
111	84	.95	70	PCT	16	P3	08H	.90			07H	VS3	.580	ZPUMZ	250	H	X60
113	84	.34	77	PCT	10	P2	VS2	1.00			TEC	TEH	.610	RBARD	175	H	
113	84	.90	100	PCT	14	P5	VS2	.97			07H	VS3	.580	ZPUMZ	250	H	X60
117	84	.88	131	PCT	22	P2	09H	1.43			TEC	TEH	.610	RBARD	174	H	
117	84	.72	136	PCT	13	P3	09H	-.07			07H	VS3	.580	ZPUMZ	250	H	X60
117	84	.63	81	PCT	11	P3	09H	1.28			07H	VS3	.580	ZPUMZ	250	H	X60
119	84	.59	35	PCT	11	P3	09H	1.00			07H	VS3	.580	ZPUMZ	250	H	X60
123	84	.78	84	PCT	20	P2	07H	.84			TEC	TEH	.610	RBARD	177	H	
123	84	1.09	107	PCT	18	P3	07H	.94			07H	VS3	.580	ZPUMZ	250	H	X60
123	84	.67	110	PCT	11	P5	VS1	.97			07H	VS3	.580	ZPUMZ	250	H	X60
131	84	.39	107	PCT	11	P2	BW1	1.72			TEC	TEH	.610	RBARD	178	H	
131	84	1.27	62	PCT	20	P5	BW1	-1.54			07H	VS3	.580	ZPUMZ	287	H	X75
131	84	1.62	63	PCT	24	P5	BW1	1.63			07H	VS3	.580	ZPUMZ	287	H	X75
135	84	.86	9	SVI		P3	07H	26.09		.30	07H	VS3	.580	ZPUMZ	287	H	NC
135	84																VID
135	84																X75
143	84	.81	60	SAI		P5	VS1	.76		.40	07H	VS3	.580	ZPUMZ	288	H	X75
143	84	.00	0	SAI		P2	VS1	.76		.00	VS1	VS1	.580	ZPUFZ	315	H	
149	84	.44	52	PCT	13	P2	BW1	1.81			TEC	TEH	.610	RBARD	174	H	
149	84	1.31	63	PCT	22	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	290	H	X75
151	84	.71	72	PCT	13	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	288	H	X75
58	85	.17	65	SCI		P2	TSH	.11		.22	TSH	TSH	.600	ZPAHZ	72	H	
58	85	.15	82	SCI		P4	TSH	.11		.25	TSH	TSH	.600	ZPAHZ	72	H	
80	85	.80	44	MCI		P2	TSH	-16.20		.20	TSH	TSH	.600	ZPAHZ	71	H	
80	85	.63	44	MCI		P4	TSH	-16.20		.30	TSH	TSH	.600	ZPAHZ	71	H	
80	85	.27	46	MCI		P4	TSH	-15.33		.20	TSH	TSH	.600	ZPAHZ	71	H	
80	85	.20	34	MCI		P2	TSH	-15.33		.10	TSH	TSH	.600	ZPAHZ	71	H	
80	85	2.87	52	MCI		P2	TEH	5.36		.38	TEH	TSH	.600	ZPAHZ	105	H	
80	85	2.58	41	MCI		P4	TEH	5.36		.20	TEH	TSH	.600	ZPAHZ	105	H	
80	85	2.30	44	MCI		P2	TEH	5.80		.35	TEH	TSH	.600	ZPAHZ	105	H	
80	85	2.04	40	MCI		P4	TEH	5.80		.20	TEH	TSH	.600	ZPAHZ	105	H	
80	85	1.76	39	MCI		P4	TEH	6.81		.30	TEH	TSH	.600	ZPAHZ	105	H	
80	85	2.07	41	MCI		P2	TEH	6.81		.40	TEH	TSH	.600	ZPAHZ	105	H	
80	85	2.35	41	MCI		P4	TEH	7.41		.20	TEH	TSH	.600	ZPAHZ	105	H	
80	85	2.72	45	MCI		P2	TEH	7.41		.38	TEH	TSH	.600	ZPAHZ	105	H	
106	85	.69	82	PCT	11	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	249	H	X60
108	85	.67	49	PCT	11	P3	08H	.98			07H	VS3	.580	ZPUMZ	249	H	X60
108	85	.70	78	PCT	12	P5	BW1	-2.02			07H	VS3	.580	ZPUMZ	249	H	X60
108	85	1.61	73	PCT	23	P5	BW1	1.73			07H	VS3	.580	ZPUMZ	249	H	X60
112	85	.66	78	PCT	16	P2	07H	.85			TEH	TEC	.610	RBARD	90	C	
112	85	1.00	89	PCT	22	P2	08H	1.05			TEH	TEC	.610	RBARD	90	C	
112	85	1.07	36	PCT	17	P3	07H	.88			07H	VS3	.580	ZPUMZ	249	H	X60
112	85	1.67	68	PCT	24	P3	08H	.96			07H	VS3	.580	ZPUMZ	249	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
120	85	.57	114	PCT	16	P2	07H	.88			TEC	TEH	.610	RBARD	174	H	
120	85	.58	127	PCT	16	P2	08H	.96			TEC	TEH	.610	RBARD	174	H	
120	85	.91	90	PCT	15	P3	07H	.87			07H	VS3	.580	ZPUMZ	249	H	X60
120	85	1.27	52	PCT	20	P3	08H	.89			07H	VS3	.580	ZPUMZ	249	H	X60
120	85	.82	53	PCT	14	P3	09H	-1.16			07H	VS3	.580	ZPUMZ	249	H	X60
120	85	.95	40	PCT	15	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	249	H	X60
126	85	.54	136	PCT	14	P2	VS1	-.92			TEC	TEH	.610	RBARD	178	H	
126	85	.83	94	PCT	14	P5	VS1	-.88			07H	VS3	.580	ZPUMZ	289	H	X75
128	85	.87	62	PCT	15	P5	BW1	1.63			07H	VS3	.580	ZPUMZ	287	H	X75
140	85	.26	99	PCT	8	P2	BW1	2.04			TEC	TEH	.610	RBARD	178	H	
140	85	.84	87	PCT	14	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	287	H	X75
142	85	.75	89	PCT	13	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	289	H	X75
142	85	.59	67	MAI		P5	VS1	-.31		.50	07H	VS3	.580	ZPUMZ	289	H	X75
142	85	.72	57	MAI		P5	VS1	.80		.50	07H	VS3	.580	ZPUMZ	289	H	X75
142	85	.00	0	MAI		P2	VS1	-.31		.00	VS1	VS1	.580	ZPUFZ	315	H	
142	85	.00	0	MAI		P2	VS1	.80		.00	VS1	VS1	.580	ZPUFZ	315	H	
150	85	.78	37	SVI		P3	03C	18.60		.30	03C	04C	.600	ZPAHZ	21	C	DQA
150	85																NC
150	85																PIT
150	85	1.03	120	PCT	23	P2	VS3	-1.00			TEC	TEH	.610	RBARD	175	H	
150	85	.76	51	PCT	13	P3	09H	-.04			07H	VS3	.580	ZPUMZ	289	H	X75
150	85	1.82	93	PCT	26	P5	VS3	-1.07			07H	VS3	.580	ZPUMZ	289	H	X75
156	85	1.15	78	PCT	18	P3	03C	.85			03C	03C	.600	ZPAHZ	21	C	DQA
156	85	1.50	80	PCT	22	P3	02C	-.97			02C	02C	.600	ZPAHZ	21	C	DQA
156	85	.63	114	PCT	16	P2	BW2	1.82			TEH	TEC	.610	RBARD	107	C	
156	85	.71	104	PCT	18	P2	03C	.83			TEH	TEC	.610	RBARD	107	C	
156	85	.70	93	PCT	18	P2	02C	-.98			TEH	TEC	.610	RBARD	107	C	
156	85	2.13	75	PCT	28	P3	BW2	1.72			BW2	VS5	.580	ZPUFZ	133	C	DQA
158	85	1.85	73	PCT	26	P3	03C	-1.04			03C	03C	.600	ZPAHZ	21	C	DQA
158	85	1.55	125	PCT	30	P2	VS7	-.72			TEH	TEC	.610	RBARD	107	C	
158	85	.84	70	PCT	13	P3	VS5	.74			VS5	VS5	.580	ZPUFZ	133	C	
158	85	2.42	72	PCT	31	P3	VS7	-.66			VS7	VS7	.580	ZPUFZ	133	C	
158	85	1.39	79	PCT	20	P3	VS7	-.07			BW2	VS5	.580	ZPUFZ	133	C	
158	85	1.18	66	PCT	18	P3	BW2	2.01			BW2	VS5	.580	ZPUFZ	133	C	
158	85	.73	77	PCT	13	P5	VS3	.91			07H	VS3	.580	ZPUMZ	297	H	X75
95	86	.00	0	SAI		P2	VS5	.61		.00	VS5	VS5	.580	ZPUFZ	132	C	DQA
95	86	1.01	53	SAI		P3	VS5	.61		.50	VS5	VS5	.580	ZPUFZ	132	C	
105	86	.97	78	PCT	15	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	250	H	X60
107	86	.46	41	PCT	13	P2	BW1	2.22			TEH	TEC	.610	RBARD	91	C	
107	86	1.30	87	PCT	20	P5	BW1	2.10			07H	VS3	.580	ZPUMZ	250	H	X60
111	86	1.39	93	PCT	21	P5	BW1	2.02			07H	VS3	.580	ZPUMZ	250	H	X60
113	86	.67	106	PCT	17	P2	08H	.78			TEC	TEH	.610	RBARD	175	H	
113	86	.69	43	PCT	12	P3	07H	.85			07H	VS3	.580	ZPUMZ	250	H	X60
113	86	1.23	75	PCT	20	P3	08H	.80			07H	VS3	.580	ZPUMZ	250	H	X60
119	86	.57	141	PCT	15	P2	BW1	1.98			TEC	TEH	.610	RBARD	175	H	
119	86	.77	97	PCT	14	P3	09H	-.69			07H	VS3	.580	ZPUMZ	250	H	X60
119	86	1.29	83	PCT	20	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	250	H	X60
135	86	.74	86	PCT	12	P5	BW1	-1.73			07H	VS3	.580	ZPUMZ	289	H	X75
159	86	3.22	80	PCT	37	P3	04C	-.84			04C	04C	.600	ZPAHZ	21	C	DQA
159	86	.58	73	PCT	10	P3	04C	-.02			04C	04C	.600	ZPAHZ	21	C	DQA
159	86	1.53	85	PCT	22	P3	03C	.84			03C	03C	.600	ZPAHZ	21	C	DQA
159	86	2.56	97	PCT	36	P2	04C	-.94			TEH	TEC	.610	RBARD	106	C	
36	87	.50	65	PCT	14	P2	BW1	-2.12			TEH	TEC	.610	RBARD	41	C	
36	87	1.12	27	PCT	17	P3	BW1	-2.03			BW1	VS4	.580	ZPUFZ	185	H	
38	87	.66	59	PCT	11	P3	BW1	-2.03			BW1	VS4	.580	ZPUFZ	185	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
52	87	.29	28	SCI		P4	TSH	.00		.20	TSH	TSH	.600	ZPAHZ	72	H	
52	87	.00	0	SCI		P2	TSH	.00		.00	TSH	TSH	.600	ZPAHZ	72	H	
68	87	.34	56	SCI		P4	TSH	.04		.40	TSH	TSH	.600	ZPAHZ	72	H	
68	87	.24	130	SCI		P2	TSH	.04		.22	TSH	TSH	.600	ZPAHZ	72	H	
78	87	.35	67	SCI		P2	TSH	.04		.30	TSH	TSH	.600	ZPAHZ	71	H	
78	87	.26	30	SCI		P4	TSH	.04		.30	TSH	TSH	.600	ZPAHZ	71	H	
98	87	.52	90	SAI		P3	04H	-.85		.30	04H	04H	.600	ZPAHZ	309	H	
98	87	.42	124	SAI		P2	04H	-.85		.50	04H	04H	.600	ZPAHZ	309	H	
102	87	.98	68	PCT	16	P5	BW1	2.01			07H	VS3	.580	ZPUMZ	242	H	X60
106	87	.97	68	PCT	16	P5	BW1	-.85			07H	VS3	.580	ZPUMZ	242	H	X60
108	87	.70	51	PCT	12	P5	BW1	-1.69			07H	VS3	.580	ZPUMZ	243	H	X60
110	87	.61	44	MCI		P2	TSH	-15.89		.30	TSH	TSH	.600	ZPAHZ	99	H	
110	87	.45	40	MCI		P4	TSH	-15.89		.20	TSH	TSH	.600	ZPAHZ	99	H	
110	87	.33	43	MCI		P4	TSH	-14.62		.20	TSH	TSH	.600	ZPAHZ	99	H	
110	87	.44	86	MCI		P2	TSH	-14.62		.30	TSH	TSH	.600	ZPAHZ	99	H	
114	87	1.53	90	PCT	22	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	242	H	X60
116	87	.48	96	PCT	14	P2	07H	.90			TEC	TEH	.610	RBARD	174	H	
116	87	.42	118	PCT	13	P2	BW1	2.06			TEC	TEH	.610	RBARD	174	H	
116	87	.72	98	PCT	13	P3	07H	.95			07H	VS3	.580	ZPUMZ	243	H	X60
116	87	1.12	82	PCT	18	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	243	H	X60
118	87	1.11	96	PCT	16	P3	09H	-.88			07H	VS3	.580	ZPUMZ	242	H	X60
118	87	1.07	64	PCT	17	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	242	H	X60
134	87	.72	87	PCT	13	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	288	H	X75
136	87	.73	85	PCT	13	P5	BW1	-.18			07H	VS3	.580	ZPUMZ	290	H	X75
138	87	.80	71	PCT	15	P5	BW1	-1.83			07H	VS3	.580	ZPUMZ	288	H	X75
138	87	.45	135	SAI		P2	02H	.66		.70	02H	02H	.600	ZPAHZ	309	H	
138	87	.95	82	SAI		P3	02H	.66		.50	02H	02H	.600	ZPAHZ	309	H	
146	87	.54	88	PCT	11	P3	08H	.93			07H	VS3	.580	ZPUMZ	284	H	X75
146	87	.99	78	PCT	18	P3	BW1	1.71			07H	VS3	.580	ZPUMZ	284	H	X75
156	87	.76	59	PCT	13	P5	VS1	.96			07H	VS3	.580	ZPUMZ	297	H	X75
158	87	3.36	75	PCT	38	P3	05C	-.94			05C	05C	.600	ZPAHZ	21	C	DQA
158	87	.78	68	PCT	13	P3	03C	.80			03C	03C	.600	ZPAHZ	21	C	DQA
158	87	.70	76	PCT	12	P3	02C	-.95			02C	02C	.600	ZPAHZ	21	C	DQA
158	87	.65	116	PCT	17	P2	VS7	-.85			TEH	TEC	.610	RBARD	107	C	
158	87	2.06	97	PCT	35	P2	05C	-.94			TEH	TEC	.610	RBARD	107	C	
158	87	1.17	70	PCT	18	P3	VS7	-.85			VS7	VS7	.580	ZPUFZ	133	C	
158	87	.68	43	PCT	11	P3	VS7	.90			VS7	VS7	.580	ZPUFZ	133	C	DQA
59	88	.30	50	SCI		P4	TSH	.01		.59	TSH	TSH	.600	ZPAHZ	72	H	
59	88	.00	0	SCI		P2	TSH	.01		.00	TSH	TSH	.600	ZPAHZ	72	H	
65	88	.25	35	SCI		P2	TSH	.05		.20	TSH	TSH	.600	ZPAHZ	71	H	
65	88	.27	33	SCI		P4	TSH	.05		.20	TSH	TSH	.600	ZPAHZ	71	H	
87	88	.45	55	SAI		P3	02H	.09		.70	02H	02H	.600	ZPAHZ	309	H	
87	88	.50	78	SAI		P2	02H	.09		.90	02H	02H	.600	ZPAHZ	309	H	
105	88	1.02	90	PCT	16	P5	BW1	2.11			07H	VS3	.580	ZPUMZ	242	H	X60
113	88	.30	63	PCT	9	P2	BW1	1.90			TEC	TEH	.610	RBARD	175	H	
113	88	1.24	59	PCT	19	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	242	H	X60
117	88	.72	61	PCT	19	P2	09H	-.86			TEC	TEH	.610	RBARD	174	H	
117	88	.65	63	PCT	10	P3	08H	.92			07H	VS3	.580	ZPUMZ	242	H	X60
117	88	1.43	76	PCT	20	P3	09H	-.77			07H	VS3	.580	ZPUMZ	242	H	X60
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
119	88	1.25	77	PCT	26	P2	09H	-.16			TEC	TEH	.610	RBARD	175	H	
119	88	1.78	82	PCT	26	P3	09H	-.09			07H	VS3	.580	ZPUMZ	243	H	X60
121	88	1.10	49	PCT	17	P5	BW1	1.53			07H	VS3	.580	ZPUMZ	242	H	X60
135	88	.63	35	MAI		P5	VS1	.05		.20	07H	VS3	.580	ZPUMZ	290	H	X75
135	88	.78	66	MAI		P5	VS1	.57		.40	07H	VS3	.580	ZPUMZ	290	H	X75
135	88	.36	28	MAI		P2	VS1	.05		.40	VS1	VS1	.580	ZPUFZ	358	H	
135	88	.64	55	MAI		P2	VS1	.57		.50	VS1	VS1	.580	ZPUFZ	358	H	
139	88	.87	57	PCT	16	P3	BW1	1.93			07H	VS3	.580	ZPUMZ	284	H	X75
143	88	.85	58	SAI		P5	VS1	.59		.30	07H	VS3	.580	ZPUMZ	281	H	X75
143	88	.00	0	SAI		P2	VS1	.59		.00	VS1	VS1	.580	ZPUFZ	315	H	
153	88	1.32	116	PCT	28	P2	VS1	-1.03			TEC	TEH	.610	RBARD	174	H	
153	88	2.83	79	PCT	36	P5	VS1	-.72			07H	VS3	.580	ZPUMZ	284	H	X75
153	88	.63	83	PCT	12	P5	VS1	.76			07H	VS3	.580	ZPUMZ	284	H	X75
153	88	.81	85	PCT	14	P5	VS3	-.88			07H	VS3	.580	ZPUMZ	284	H	X75
157	88	.98	85	PCT	16	P3	08C	-.93			08C	08C	.600	ZPAHZ	21	C	DQA
157	88	.71	99	PCT	13	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	297	H	X75
159	88	1.06	81	PCT	17	P3	04C	-.99			04C	04C	.600	ZPAHZ	21	C	DQA
74	89	.90	115	PCT	18	P2	VS3	.91			TEH	TEC	.610	RBARD	56	C	
74	89	1.33	56	PCT	20	P3	VS3	.93			VS3	VS3	.580	ZPUFZ	185	H	
82	89	.71	114	PCT	15	P2	VS5	-.92			TEH	TEC	.610	RBARD	88	C	
82	89	1.08	59	PCT	17	P3	VS5	-.93			VS5	VS5	.580	ZPUFZ	132	C	DQA
102	89	1.38	44	MCI		P2	TSH	-15.66		.20	TSH	TSH	.600	ZPAHZ	89	H	
102	89	1.41	44	MCI		P4	TSH	-15.66		.30	TSH	TSH	.600	ZPAHZ	89	H	
102	89	1.15	47	MCI		P4	TSH	-14.92		.30	TSH	TSH	.600	ZPAHZ	89	H	
102	89	1.14	49	MCI		P2	TSH	-14.92		.20	TSH	TSH	.600	ZPAHZ	89	H	
102	89	1.79	47	MCI		P4	TSH	-14.59		.30	TSH	TSH	.600	ZPAHZ	89	H	
102	89	1.82	45	MCI		P2	TSH	-14.59		.20	TSH	TSH	.600	ZPAHZ	89	H	
102	89	1.75	43	MCI		P4	TSH	-14.15		.30	TSH	TSH	.600	ZPAHZ	89	H	
102	89	1.96	43	MCI		P2	TSH	-14.15		.20	TSH	TSH	.600	ZPAHZ	89	H	
102	89	1.79	42	MCI		P4	TSH	-13.58		.30	TSH	TSH	.600	ZPAHZ	89	H	
102	89	1.97	43	MCI		P2	TSH	-13.58		.20	TSH	TSH	.600	ZPAHZ	89	H	
104	89	.87	40	MCI		P2	TSH	-14.94		.30	TSH	TSH	.600	ZPAHZ	90	H	
104	89	.56	46	MCI		P4	TSH	-14.94		.20	TSH	TSH	.600	ZPAHZ	90	H	
104	89	.70	49	MCI		P4	TSH	-14.57		.20	TSH	TSH	.600	ZPAHZ	90	H	
104	89	.87	40	MCI		P2	TSH	-14.57		.30	TSH	TSH	.600	ZPAHZ	90	H	
104	89	2.32	38	MCI		P4	TEH	5.98		.20	TEH	TSH	.600	ZPAHZ	105	H	
104	89	2.17	33	MCI		P2	TEH	5.98		.43	TEH	TSH	.600	ZPAHZ	105	H	
104	89	.73	48	MCI		P4	TEH	8.15		.15	TEH	TSH	.600	ZPAHZ	105	H	
104	89	1.11	54	MCI		P2	TEH	8.15		.28	TEH	TSH	.600	ZPAHZ	105	H	
104	89	.58	18	SAI		P2	04H	-.96		.50	04H	04H	.600	ZPAHZ	309	H	
104	89	.53	47	SAI		P3	04H	-.96		.30	04H	04H	.600	ZPAHZ	309	H	
108	89	.73	63	PCT	13	P3	08H	.97			07H	VS3	.580	ZPUMZ	243	H	X60
110	89	1.14	71	PCT	17	P3	07H	-.91			07H	VS3	.580	ZPUMZ	242	H	X60
110	89	1.00	70	PCT	15	P3	07H	.94			07H	VS3	.580	ZPUMZ	242	H	X60
112	89	.88	91	PCT	15	P3	08H	.95			07H	VS3	.580	ZPUMZ	243	H	X60
118	89	.69	101	PCT	19	P2	08H	.86			TEC	TEH	.610	RBARD	174	H	
118	89	1.10	91	PCT	16	P3	08H	.86			07H	VS3	.580	ZPUMZ	242	H	X60
118	89	1.40	87	PCT	21	P5	BW1	2.15			07H	VS3	.580	ZPUMZ	242	H	X60
124	89	.77	43	PCT	13	P5	VS1	-.70			07H	VS3	.580	ZPUMZ	242	H	X60
148	89	1.07	86	PCT	18	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	282	H	X75
148	89	.65	101	SAI		P5	VS1	-.20		.50	07H	VS3	.580	ZPUMZ	282	H	X75
148	89	.00	0	SAI		P2	VS1	-.20		.00	VS1	VS1	.580	ZPUFZ	315	H	
150	89	.89	66	PCT	16	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	284	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
152	89	.75	87	PCT	13	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	282	H	X75
156	89	.80	104	PCT	19	P2	BW2	1.79			TEH	TEC	.610	RBARD	107	C	
156	89	1.58	69	PCT	23	P3	VS5	-.84			BW2	VS5	.580	ZPUFZ	134	C	
156	89	2.01	87	PCT	28	P3	BW2	1.76			BW2	VS5	.580	ZPUFZ	134	C	
156	89	.97	97	SVI	15	P5	BW1	3.00		1.40	07H	VS3	.580	ZPUMZ	297	H	TTW
156	89																X75
156	89	.95	83	PCT	16	P5	VS1	.14			07H	VS3	.580	ZPUMZ	297	H	X75
156	89	1.40	81	PCT	22	P5	VS1	.68			07H	VS3	.580	ZPUMZ	297	H	X75
158	89	.66	146	PCT	17	P2	VS5	.79			TEH	TEC	.610	RBARD	107	C	
158	89	1.25	73	PCT	19	P3	VS5	.54			BW2	VS5	.580	ZPUFZ	133	C	
158	89	.97	73	PCT	15	P3	BW2	1.90			BW2	VS5	.580	ZPUFZ	133	C	
158	89	.99	77	PCT	16	P3	BW1	1.60			07H	VS3	.580	ZPUMZ	297	H	X75
101	90	1.50	60	PCT	22	P5	BW1	2.05			07H	VS3	.580	ZPUMZ	242	H	X60
105	90	.95	108	PCT	15	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	242	H	X60
109	90	.70	50	PCT	11	P3	08H	.67			07H	VS3	.580	ZPUMZ	242	H	X60
109	90	1.73	94	PCT	24	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	242	H	X60
115	90	.51	107	PCT	14	P2	BW1	1.74			TEC	TEH	.610	RBARD	175	H	
115	90	1.43	91	PCT	22	P5	BW1	2.09			07H	VS3	.580	ZPUMZ	243	H	X60
117	90	.84	109	PCT	21	P2	09H	.04			TEC	TEH	.610	RBARD	174	H	
117	90	1.63	64	PCT	23	P3	09H	.30			07H	VS3	.580	ZPUMZ	242	H	X60
121	90	.86	126	PCT	13	P3	09H	.12			07H	VS3	.580	ZPUMZ	242	H	X60
121	90	1.03	63	PCT	15	P3	09H	.90			07H	VS3	.580	ZPUMZ	242	H	X60
133	90	4.12	86	MCI		P2	TSH	-15.12		.30	TSH	TSH	.600	ZPAHZ	110	H	
133	90	2.45	40	MCI		P4	TSH	-15.12		.40	TSH	TSH	.600	ZPAHZ	110	H	
133	90	1.88	38	MCI		P4	TSH	-20.49		.20	TEH	TSH	.600	ZPAHZ	117	H	
133	90	2.18	46	MCI		P2	TSH	-20.49		.30	TEH	TSH	.600	ZPAHZ	117	H	
133	90	3.30	36	MCI		P4	TSH	-19.35		.18	TEH	TSH	.600	ZPAHZ	117	H	
133	90	4.31	50	MCI		P2	TSH	-19.35		.23	TEH	TSH	.600	ZPAHZ	117	H	
133	90	6.07	35	MCI		P4	TSH	-16.58		.38	TEH	TSH	.600	ZPAHZ	117	H	
133	90	10.77	35	MCI		P2	TSH	-16.58		.55	TEH	TSH	.600	ZPAHZ	117	H	
133	90	3.57	35	MCI		P4	TSH	-16.28		.25	TEH	TSH	.600	ZPAHZ	117	H	
133	90	5.16	41	MCI		P2	TSH	-16.28		.43	TEH	TSH	.600	ZPAHZ	117	H	
149	90	.50	89	PCT	10	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	284	H	X75
149	90	.49	79	PCT	10	P3	BW1	1.48			07H	VS3	.580	ZPUMZ	284	H	X75
153	90	.67	68	PCT	13	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	284	H	X75
155	90	.60	114	PCT	13	P2	VS7	.93			TEH	TEC	.610	RBARD	106	C	
155	90	.92	82	PCT	15	P3	VS7	.84			VS7	VS7	.580	ZPUFZ	134	C	DQA
155	90	.91	65	PCT	15	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	297	H	X75
157	90	.70	89	PCT	12	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	297	H	X75
159	90	.78	149	PCT	17	P2	VS1	.91			TEH	TEC	.610	RBARD	106	C	
159	90	.62	123	PCT	14	P2	VS3	-.91			TEH	TEC	.610	RBARD	106	C	
159	90	.48	157	PCT	11	P2	VS3	.80			TEH	TEC	.610	RBARD	106	C	
159	90	1.28	105	PCT	24	P2	BW2	2.01			TEH	TEC	.610	RBARD	106	C	
159	90	2.19	75	PCT	29	P3	BW2	1.77			BW2	VS5	.580	ZPUFZ	134	C	
159	90	.56	138	PCT	10	P5	VS1	.72			07H	VS3	.580	ZPUMZ	297	H	X75
159	90	1.06	87	PCT	18	P5	VS3	-.87			07H	VS3	.580	ZPUMZ	297	H	X75
159	90	1.27	87	PCT	20	P5	VS3	.76			07H	VS3	.580	ZPUMZ	297	H	X75
104	91	.94	71	PCT	15	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	243	H	X60
106	91	1.09	86	PCT	17	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	242	H	X60
118	91	.80	114	PCT	12	P3	09H	-.95			07H	VS3	.580	ZPUMZ	242	H	X60
118	91	1.16	74	PCT	18	P5	BW1	-1.93			07H	VS3	.580	ZPUMZ	242	H	X60
122	91	.70	76	PCT	12	P5	VS1	.89			09H	VS1	.580	ZPUMZ	243	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
124	91	.70	43	PCT	11	P5	BW2	-1.96			07C	VS5	.580	ZPUMZ	122	C	X60
136	91	.62	70	PCT	11	P5	VS1	-.93			07H	VS3	.580	ZPUMZ	283	H	X75
138	91	.82	61	PCT	14	P5	VS1	-.80			07H	VS3	.580	ZPUMZ	281	H	X75
140	91	.63	43	SAI		P5	VS1	-.24		.30	07H	VS3	.580	ZPUMZ	283	H	X75
140	91	.00	0	SAI		P2	VS1	-.24		.00	VS1	VS1	.580	ZPUFZ	315	H	
142	91	.65	91	PCT	11	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	281	H	X75
146	91	.95	90	SAI		P3	09H	29.75		3.90	07H	VS3	.580	ZPUMZ	281	H	X75
146	91	1.03	78	PCT	17	P5	VS1	-.80			07H	VS3	.580	ZPUMZ	281	H	X75
146	91	.38	40	SAI		P2	09H	29.75		4.50	09H	BW1	.580	ZPUFZ	335	H	
150	91	.75	67	PCT	14	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	284	H	X75
152	91	.76	80	PCT	13	P3	BW1	-2.25			07H	VS3	.580	ZPUMZ	282	H	X75
156	91	1.80	71	PCT	25	P3	BW2	1.87			BW2	VS5	.580	ZPUFZ	134	C	
158	91	3.19	69	PCT	37	P3	BW2	1.90			BW2	VS5	.580	ZPUFZ	134	C	
39	92	.79	84	PCT	13	P3	BW2	-2.06			BW2	VS4	.580	ZPUFZ	135	C	
101	92	.51	95	PCT	14	P2	BW1	1.75			TEH	TEC	.610	RBARD	89	C	
101	92	1.47	84	PCT	22	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	243	H	X60
105	92	.72	110	PCT	12	P5	BW1	2.15			07H	VS3	.580	ZPUMZ	242	H	X60
113	92	.41	39	PCT	11	P2	VS2	.50			TEC	TEH	.610	RBARD	175	H	
113	92	.64	119	PCT	16	P2	VS3	1.03			TEC	TEH	.610	RBARD	175	H	
113	92	.95	57	PCT	15	P5	BW1	-1.55			07H	VS3	.580	ZPUMZ	243	H	X60
113	92	1.36	64	PCT	21	P5	VS2	.67			07H	VS3	.580	ZPUMZ	243	H	X60
113	92	.73	130	PCT	12	P5	VS3	1.03			07H	VS3	.580	ZPUMZ	243	H	X60
115	92	1.52	82	PCT	22	P5	BW1	1.40			07H	VS3	.580	ZPUMZ	242	H	X60
117	92	1.06	89	PCT	24	P2	09H	-.84			TEC	TEH	.610	RBARD	174	H	
117	92	1.02	64	PCT	17	P3	09H	-1.05			07H	VS3	.580	ZPUMZ	243	H	X60
117	92	1.62	81	PCT	24	P3	09H	-.72			07H	VS3	.580	ZPUMZ	243	H	X60
119	92	.86	100	PCT	20	P2	09H	.86			TEC	TEH	.610	RBARD	175	H	
119	92	1.79	81	PCT	24	P3	09H	.86			07H	VS3	.580	ZPUMZ	242	H	X60
119	92	.91	71	PCT	15	P5	BW1	1.73			07H	VS3	.580	ZPUMZ	242	H	X60
121	92	.81	38	PCT	14	P3	09H	-.81			07H	VS3	.580	ZPUMZ	243	H	X60
121	92	.82	32	PCT	14	P3	09H	-.80			07H	VS3	.580	ZPUMZ	243	H	X60
123	92	.30	87	PCT	9	P2	VS1	.80			TEC	TEH	.610	RBARD	173	H	
123	92	.83	40	PCT	14	P5	VS1	.81			07H	VS3	.580	ZPUMZ	242	H	X60
125	92	.55	80	PCT	11	P3	09H	.79			07H	VS3	.580	ZPUMZ	284	H	X75
127	92	.84	85	PCT	15	P5	BW1	-2.22			07H	VS3	.580	ZPUMZ	282	H	X75
133	92	.66	52	PCT	12	P5	VS1	-.90			07H	VS3	.580	ZPUMZ	284	H	X75
143	92	1.28	81	PCT	22	P5	BW1	1.90			07H	VS3	.580	ZPUMZ	282	H	X75
145	92	.58	80	PCT	11	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	284	H	X75
149	92	.92	48	PCT	17	P3	BW1	-1.88			07H	VS3	.580	ZPUMZ	284	H	X75
151	92	1.33	69	PCT	21	P3	BW1	2.07			07H	VS3	.580	ZPUMZ	283	H	X75
155	92	.60	66	PCT	11	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	297	H	X75
159	92	1.49	99	PCT	26	P2	BW1	1.95			TEH	TEC	.610	RBARD	106	C	
159	92	1.48	142	PCT	26	P2	VS1	.95			TEH	TEC	.610	RBARD	106	C	
159	92	1.15	57	PCT	18	P3	BW2	1.78			BW2	VS5	.580	ZPUFZ	134	C	
159	92	.62	71	PCT	11	P3	BW1	-1.78			07H	VS3	.580	ZPUMZ	297	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
159	92	2.46	77	PCT	31	P3	BW1	2.02			07H	VS3	.580	ZPUMZ	297	H	X75
40	93	1.18	42	PCT	18	P3	BW1	1.76			BW1	VS4	.580	ZPUFZ	185	H	
76	93	.43	96	SAI		P3	02H	.50		.50	02H	02H	.600	ZPAHZ	309	H	
76	93	.23	43	SAI		P2	02H	.50		.80	02H	02H	.600	ZPAHZ	309	H	
98	93	2.01	37	MCI		P4	TSH	-15.75		.20	TSH	TSH	.600	ZPAHZ	96	H	
98	93	2.27	44	MCI		P2	TSH	-15.75		.30	TSH	TSH	.600	ZPAHZ	96	H	
98	93	2.68	23	SAI		P2	TEH	.14		.20	TEH	01H	.600	ZPAHZ	105	H	
98	93	6.86	28	SAI		P3	TEH	.14		.20	TEH	01H	.600	ZPAHZ	105	H	
98	93	2.14	46	MCI		P4	TEH	7.29		.20	TEH	01H	.600	ZPAHZ	105	H	
98	93	2.22	48	MCI		P2	TEH	7.29		.38	TEH	01H	.600	ZPAHZ	105	H	
110	93	1.32	57	PCT	20	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	242	H	X60
112	93	.75	79	PCT	13	P5	BW1	2.01			07H	VS3	.580	ZPUMZ	243	H	X60
116	93	.99	76	PCT	16	P3	09H	1.45			07H	VS3	.580	ZPUMZ	243	H	X60
116	93	.99	72	SVI	11	P3	BW1	.11		.90	07H	VS3	.580	ZPUMZ	243	H	TTW
116	93																X60
120	93	.96	83	PCT	16	P5	BW1	2.24			07H	VS3	.580	ZPUMZ	243	H	X60
124	93	.72	85	PCT	11	P3	09H	-.92			07H	VS3	.580	ZPUMZ	242	H	X60
134	93	.81	58	PCT	14	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	281	H	X75
138	93	.53	129	PCT	15	P2	VS1	-.81			TEC	TEH	.610	RBARD	172	H	
138	93	1.10	79	PCT	18	P5	VS1	-.84			07H	VS3	.580	ZPUMZ	281	H	X75
150	93	.83	69	PCT	14	P3	BW1	-2.16			07H	VS3	.580	ZPUMZ	282	H	X75
158	93	.93	113	PCT	22	P2	BW2	1.97			TEH	TEC	.610	RBARD	107	C	
158	93	1.67	71	PCT	24	P3	BW2	1.87			BW2	VS5	.580	ZPUFZ	134	C	
101	94	.38	121	SVI	7	P5	BW1	2.64		.90	07H	VS3	.580	ZPUMZ	243	H	TTW
101	94																X60
107	94	.68	104	PCT	12	P5	BW1	2.06			07H	VS3	.580	ZPUMZ	243	H	X60
115	94	.83	67	PCT	14	P5	VS3	.00			07H	VS3	.580	ZPUMZ	243	H	X60
121	94	.76	43	PCT	12	P3	09H	.00			07H	VS3	.580	ZPUMZ	242	H	X60
125	94	.54	82	PCT	15	P2	09H	-.12			TEC	TEH	.610	RBARD	173	H	
125	94	.51	130	PCT	14	P2	09H	.82			TEC	TEH	.610	RBARD	173	H	
125	94	1.01	69	PCT	18	P3	09H	-.11			07H	VS3	.580	ZPUMZ	284	H	X75
125	94	.99	80	PCT	18	P3	09H	.87			07H	VS3	.580	ZPUMZ	284	H	X75
133	94	.59	73	PCT	12	P3	08H	-.13			07H	VS3	.580	ZPUMZ	284	H	X75
133	94	.76	67	PCT	14	P3	08H	.92			07H	VS3	.580	ZPUMZ	284	H	X75
139	94	.69	97	PCT	13	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	282	H	X75
145	94	.63	73	PCT	12	P3	BW1	1.99			07H	VS3	.580	ZPUMZ	284	H	X75
147	94	1.34	78	PCT	21	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	281	H	X75
149	94	.59	85	PCT	10	P3	BW1	1.48			07H	VS3	.580	ZPUMZ	283	H	X75
151	94	1.12	88	PCT	18	P3	BW1	2.23			07H	VS3	.580	ZPUMZ	281	H	X75
155	94	.65	87	PCT	11	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	297	H	X75
159	94	1.24	91	PCT	19	P3	08C	.96			08C	08C	.600	ZPAHZ	21	C	DQA
159	94	.77	108	PCT	16	P2	08C	.80			TEH	TEC	.610	RBARD	106	C	
40	95	.86	112	PCT	21	P2	BW1	-1.97			TEH	TEC	.610	RBARD	57	C	
40	95	.87	89	PCT	21	P2	BW1	2.01			TEH	TEC	.610	RBARD	57	C	
40	95	2.27	75	PCT	30	P3	BW1	-1.96			BW1	VS4	.580	ZPUFZ	190	H	
40	95	2.21	93	PCT	29	P3	BW1	1.84			BW1	VS4	.580	ZPUFZ	190	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
88	95	.49	21	MVI		P3	02C	31.00		.40	02C	03C	.600	ZPAHZ	20	C	DQA
88	95																NC
88	95																VID
88	95	.82	22	MVI		P3	02C	38.23		.50	02C	03C	.600	ZPAHZ	20	C	DQA
88	95																NC
88	95																VID
88	95	6.25	7	BID		P1	04H	15.57			TEH	TEC	.610	RBARD	88	C	
88	95	2.39	8	BID		P1	02C	37.47			TEH	TEC	.610	RBARD	88	C	
88	95	.49	16	MVI		P3	03H	8.17		.40	03H	05H	.600	ZPAHZ	111	H	NC
88	95																VID
88	95	2.53	19	MVI		P3	04H	15.59		.30	03H	05H	.600	ZPAHZ	111	H	DQA
88	95																PID
88	95																VID
88	95	.19	13	MVI		P3	04H	21.16		.30	03H	05H	.600	ZPAHZ	111	H	NC
88	95																VID
104	95	.00	0	SAI		P2	VS6	-.87		.00	VS6	VS6	.580	ZPUFZ	132	C	DQA
104	95	.59	97	SAI		P3	VS6	-.87		.50	VS6	VS6	.580	ZPUFZ	132	C	
104	95	.88	39	PCT	15	P5	BW1	-1.99			07H	VS3	.580	ZPUMZ	231	H	X60
104	95	1.17	48	PCT	18	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	231	H	X60
106	95	.69	76	PCT	12	P5	BW1	1.73			07H	VS3	.580	ZPUMZ	233	H	X60
112	95	.85	130	PCT	18	P2	VS2	-.59			TEH	TEC	.610	RBARD	88	C	
112	95	1.25	103	PCT	19	P5	VS2	-.81			07H	VS3	.580	ZPUMZ	231	H	X60
112	95	.78	45	PCT	13	P5	VS2	-.62			07H	VS3	.580	ZPUMZ	231	H	X60
112	95	1.09	60	PCT	17	P5	VS3	-.67			07H	VS3	.580	ZPUMZ	231	H	X60
124	95	.54	98	PCT	11	P3	09H	-.83			07H	VS3	.580	ZPUMZ	234	H	X60
124	95	.41	95	MAI		P3	09H	8.19		1.40	07H	VS3	.580	ZPUMZ	234	H	X60
124	95	.33	86	MAI		P3	09H	9.86		.70	07H	VS3	.580	ZPUMZ	234	H	X60
124	95	.89	76	PCT	16	P5	VS1	-.51			07H	VS3	.580	ZPUMZ	234	H	X60
124	95	.40	50	MAI		P2	09H	8.19		1.10	09H	BW1	.580	ZPUFZ	323	H	
124	95	.49	66	MAI		P2	09H	9.86		.60	09H	BW1	.580	ZPUFZ	323	H	
130	95	.70	141	PCT	18	P2	09H	.86			TEC	TEH	.610	RBARD	168	H	
130	95	.70	69	PCT	12	P3	09H	-.92			07H	VS3	.580	ZPUMZ	273	H	X75
130	95	1.75	72	PCT	25	P3	09H	.93			07H	VS3	.580	ZPUMZ	273	H	X75
132	95	1.03	75	PCT	17	P3	08H	-.13			07H	VS3	.580	ZPUMZ	275	H	X75
132	95	1.18	94	PCT	19	P3	09H	.99			07H	VS3	.580	ZPUMZ	275	H	X75
146	95	1.29	66	PCT	19	P5	VS1	.02			07H	VS3	.580	ZPUMZ	275	H	X75
146	95	.91	100	PCT	14	P5	VS1	.63			07H	VS3	.580	ZPUMZ	275	H	X75
150	95	1.15	62	PCT	20	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	284	H	X75
150	95	.77	73	PCT	13	P5	VS1	-.21			07H	VS3	.580	ZPUMZ	284	H	X75
152	95	.54	76	PCT	10	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	282	H	X75
39	96	1.28	92	PCT	19	P3	BW1	-1.69			BW1	VS4	.580	ZPUFZ	190	H	
91	96	1.90	55	MCI		P2	TSH	-13.66		.40	TSH	TSH	.600	ZPAHZ	66	H	
91	96	1.90	40	MCI		P4	TSH	-13.66		.20	TSH	TSH	.600	ZPAHZ	66	H	
91	96	1.97	39	MCI		P4	TSH	-13.36		.20	TSH	TSH	.600	ZPAHZ	66	H	
91	96	2.26	59	MCI		P2	TSH	-13.36		.40	TSH	TSH	.600	ZPAHZ	66	H	
91	96	9.73	23	MCI		P2	TEH	.14		1.70	TEH	TSH	.600	ZPAHZ	303	H	
91	96	15.43	27	MCI		P4	TEH	.14		1.80	TEH	TSH	.600	ZPAHZ	303	H	
91	96	3.23	58	MCI		P2	TSH	-15.71		.40	TEH	TSH	.600	ZPAHZ	303	H	
91	96	9.64	37	MCI		P4	TSH	-15.71		.20	TEH	TSH	.600	ZPAHZ	303	H	
111	96	.90	75	PCT	16	P3	08H	.75			07H	VS3	.580	ZPUMZ	234	H	X60
111	96	1.41	63	PCT	23	P3	BW1	1.24			07H	VS3	.580	ZPUMZ	234	H	X60
115	96	.49	128	PCT	10	P3	08H	.78			07H	VS3	.580	ZPUMZ	234	H	X60
117	96	.73	86	PCT	13	P3	07H	.96			07H	VS3	.580	ZPUMZ	232	H	X60
119	96	.83	154	PCT	22	P2	BW1	1.94			TEC	TEH	.610	RBARD	169	H	
119	96	.85	94	PCT	16	P3	08H	.92			07H	VS3	.580	ZPUMZ	234	H	X60
119	96	1.42	81	PCT	23	P3	BW1	1.76			07H	VS3	.580	ZPUMZ	234	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
121	96	.48	74	PCT	15	P2	BW1	2.13			TEC	TEH	.610	RBARD	171	H	
121	96	1.90	64	PCT	27	P3	BW1	1.92			07H	VS3	.580	ZPUMZ	232	H	X60
133	96	.79	65	PCT	13	P3	08H	.96			07H	VS3	.580	ZPUMZ	275	H	X75
147	96	.71	95	PCT	13	P3	BW1	-1.97			07H	VS3	.580	ZPUMZ	273	H	X75
149	96	.61	61	PCT	10	P5	VS1	-1.96			07H	VS3	.580	ZPUMZ	275	H	X75
151	96	.89	82	PCT	15	P3	BW1	-1.66			07H	VS3	.580	ZPUMZ	281	H	X75
151	96	1.40	84	PCT	21	P3	BW1	2.12			07H	VS3	.580	ZPUMZ	281	H	X75
153	96	.63	72	PCT	11	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	283	H	X75
155	96	.80	75	PCT	14	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	297	H	X75
155	96	.61	88	PCT	11	P5	VS1	-.99			07H	VS3	.580	ZPUMZ	297	H	X75
157	96	.61	91	PCT	11	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	297	H	X75
157	96	.99	78	PCT	17	P5	VS1	.87			07H	VS3	.580	ZPUMZ	297	H	X75
159	96	2.14	79	PCT	28	P3	04C	.81			04C	04C	.600	ZPAHZ	21	C	DQA
159	96	1.35	110	PCT	24	P2	04C	.75			TEH	TEC	.610	RBARD	106	C	
110	97	.53	67	PCT	9	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	233	H	X60
112	97	.58	47	PCT	10	P3	08H	.98			07H	VS3	.580	ZPUMZ	231	H	X60
116	97	1.03	58	MCI		P2	TSH	-15.27		.40	TSH	TSH	.600	ZPAHZ	65	H	
116	97	.58	46	MCI		P4	TSH	-15.27		.30	TSH	TSH	.600	ZPAHZ	65	H	
116	97	4.39	36	MCI		P4	TSH	-19.29		.20	TEH	TSH	.600	ZPAHZ	303	H	
116	97	1.26	60	MCI		P2	TSH	-19.29		.30	TEH	TSH	.600	ZPAHZ	303	H	
116	97	2.63	39	MCI		P4	TSH	-19.03		.30	TEH	TSH	.600	ZPAHZ	303	H	
116	97	1.32	66	MCI		P2	TSH	-19.03		.20	TEH	TSH	.600	ZPAHZ	303	H	
116	97	5.73	44	MCI		P4	TSH	-18.58		.40	TEH	TSH	.600	ZPAHZ	303	H	
116	97	1.72	62	MCI		P2	TSH	-18.58		.30	TEH	TSH	.600	ZPAHZ	303	H	
118	97	.45	67	PCT	8	P3	09H	.83			07H	VS3	.580	ZPUMZ	233	H	X60
122	97	.82	70	PCT	14	P3	08H	-.14			07H	VS3	.580	ZPUMZ	233	H	X60
122	97	.79	97	PCT	14	P3	09H	.79			07H	VS3	.580	ZPUMZ	233	H	X60
136	97	.76	92	PCT	14	P5	BW1	1.27			07H	VS3	.580	ZPUMZ	274	H	X75
148	97	.95	120	PCT	24	P2	VS1	-.84			TEC	TEH	.610	RBARD	170	H	
148	97	.54	121	PCT	16	P2	VS1	.76			TEC	TEH	.610	RBARD	170	H	
148	97	.68	101	PCT	19	P2	VS3	.92			TEC	TEH	.610	RBARD	170	H	
148	97	1.15	97	PCT	19	P5	VS1	-.86			07H	VS3	.580	ZPUMZ	274	H	X75
148	97	.92	71	PCT	16	P5	VS1	.92			07H	VS3	.580	ZPUMZ	274	H	X75
148	97	1.17	78	PCT	20	P5	VS3	1.04			07H	VS3	.580	ZPUMZ	274	H	X75
150	97	.90	73	PCT	16	P3	BW1	2.16			07H	VS3	.580	ZPUMZ	276	H	X75
152	97	.74	65	PCT	13	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	282	H	X75
156	97	.70	65	PCT	12	P3	BW1	1.76			07H	VS3	.580	ZPUMZ	297	H	X75
158	97	.79	72	PCT	13	P3	BW1	2.05			07H	VS3	.580	ZPUMZ	297	H	X75
41	98	1.15	80	PCT	18	P3	BW2	-1.89			BW2	VS4	.580	ZPUFZ	135	C	
79	98	.52	144	PCT	14	P2	VS3	1.01			TEH	TEC	.610	RBARD	89	C	
79	98	.83	82	PCT	13	P3	VS3	1.01			VS3	VS3	.580	ZPUFZ	190	H	
95	98	.88	76	SAI		P3	VS6	-.72		.40	VS6	VS6	.580	ZPUFZ	129	C	
95	98	.21	7	SAI		P2	VS6	-.72		.40	VS6	VS6	.580	ZPUFZ	129	C	
105	98	.95	86	PCT	17	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	232	H	X60
105	98	1.51	81	PCT	24	P5	BW1	2.15			07H	VS3	.580	ZPUMZ	232	H	X60
107	98	.68	50	PCT	13	P3	BW1	1.69			07H	VS3	.580	ZPUMZ	234	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
119	98	.69	76	PCT	13	P3	BW1	1.90			07H	VS3	.580	ZPUMZ	234	H	X60
121	98	.78	63	PCT	14	P3	09H	.88			07H	VS3	.580	ZPUMZ	232	H	X60
121	98	1.03	114	PCT	18	P5	BW1	2.18			07H	VS3	.580	ZPUMZ	232	H	X60
139	98	.63	62	PCT	10	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	275	H	X75
149	98	.95	83	PCT	16	P3	BW1	1.72			07H	VS3	.580	ZPUMZ	275	H	X75
151	98	.69	122	PCT	12	P3	BW1	1.93			07H	VS3	.580	ZPUMZ	275	H	X75
155	98	.96	67	PCT	16	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	297	H	X75
159	98	.88	47	PCT	15	P3	BW1	1.57			07H	VS3	.580	ZPUMZ	297	H	X75
40	99	1.06	74	PCT	16	P3	BW1	-1.88			BW1	VS4	.580	ZPUFZ	190	H	
40	99	1.32	60	PCT	20	P3	BW1	1.80			BW1	VS4	.580	ZPUFZ	190	H	
108	99	1.51	80	PCT	22	P5	BW1	.07			07H	VS3	.580	ZPUMZ	231	H	X60
110	99	.85	62	PCT	15	P3	08H	.68			07H	VS3	.580	ZPUMZ	233	H	X60
114	99	.68	84	PCT	12	P3	08H	1.00			07H	VS3	.580	ZPUMZ	233	H	X60
114	99	1.60	82	PCT	24	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	233	H	X60
118	99	1.30	82	PCT	21	P3	09H	.96			07H	VS3	.580	ZPUMZ	233	H	X60
118	99	.86	84	PCT	15	P3	BW1	-2.14			07H	VS3	.580	ZPUMZ	233	H	X60
118	99	.98	66	PCT	17	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	233	H	X60
120	99	.75	103	PCT	20	P2	BW1	2.07			TEC	TEH	.610	RBARD	164	H	
120	99	.68	82	PCT	11	P3	BW1	-1.99			07H	VS3	.580	ZPUMZ	231	H	X60
120	99	2.24	88	PCT	29	P3	BW1	1.92			07H	VS3	.580	ZPUMZ	231	H	X60
126	99	1.72	94	PCT	26	P5	BW1	2.01			07H	VS3	.580	ZPUMZ	274	H	X75
132	99	.77	76	PCT	14	P5	BW1	-1.77			07H	VS3	.580	ZPUMZ	276	H	X75
144	99	.60	57	PCT	16	P2	BW1	1.80			TEC	TEH	.610	RBARD	168	H	
144	99	1.89	65	PCT	28	P3	BW1	1.65			07H	VS3	.580	ZPUMZ	276	H	X75
144	99	.68	84	PCT	13	P5	VS1	.63			07H	VS3	.580	ZPUMZ	276	H	X75
146	99	.58	73	PCT	11	P3	BW1	2.09			07H	VS3	.580	ZPUMZ	274	H	X75
152	99	1.27	70	PCT	21	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	276	H	X75
154	99	.82	66	PCT	14	P3	BW1	1.94			07H	VS3	.580	ZPUMZ	282	H	DQA
154	99																X75
156	99	1.28	88	PCT	20	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	301	H	X75
158	99	1.21	77	PCT	17	P3	04C	.89			04C	04C	.600	ZPAHZ	137	C	
158	99	.77	66	PCT	12	P3	03C	.86			03C	03C	.600	ZPAHZ	137	C	
158	99	.66	48	PCT	11	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	301	H	X75
107	100	.85	63	PCT	16	P3	BW1	2.22			07H	VS3	.580	ZPUMZ	234	H	X60
111	100	.55	60	PCT	11	P3	BW1	2.22			07H	VS3	.580	ZPUMZ	234	H	X60
113	100	.70	100	PCT	13	P5	BW1	1.62			07H	VS3	.580	ZPUMZ	232	H	X60
117	100	1.09	117	PCT	26	P2	09H	1.46			TEC	TEH	.610	RBARD	165	H	
117	100	1.01	69	PCT	17	P3	07H	1.00			07H	VS3	.580	ZPUMZ	232	H	X60
117	100	1.38	75	PCT	22	P3	09H	1.68			07H	VS3	.580	ZPUMZ	232	H	X60
117	100	1.45	79	PCT	23	P5	BW1	1.64			07H	VS3	.580	ZPUMZ	232	H	X60
119	100	1.29	87	PCT	22	P3	BW1	1.55			07H	VS3	.580	ZPUMZ	234	H	X60
123	100	.79	86	PCT	15	P3	09H	-.01			07H	VS3	.580	ZPUMZ	234	H	X60
123	100	.75	45	PCT	14	P5	VS1	-.88			07H	VS3	.580	ZPUMZ	234	H	X60
127	100	.69	69	PCT	19	P2	09H	.83			TEC	TEH	.610	RBARD	163	H	
127	100	.54	115	PCT	16	P2	BW1	1.95			TEC	TEH	.610	RBARD	163	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
127	100	.78	77	PCT	13	P3	09H	.86			07H	VS3	.580	ZPUMZ	275	H	X75
127	100	1.09	87	PCT	18	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	275	H	X75
135	100	.63	59	PCT	11	P5	BW1	-2.05			07H	VS3	.580	ZPUMZ	275	H	X75
139	100	.66	78	PCT	12	P5	BW1	-2.10			07H	VS3	.580	ZPUMZ	275	H	X75
149	100	.74	77	PCT	14	P3	BW1	1.95			07H	VS3	.580	ZPUFZ	319	H	
151	100	1.01	96	PCT	18	P3	BW1	-2.16			07H	VS3	.580	ZPUFZ	319	H	
153	100	.81	106	PCT	14	P3	BW1	-2.12			07H	VS3	.580	ZPUMZ	275	H	X75
155	100	1.27	87	PCT	20	P3	BW1	1.91			07H	VS3	.580	ZPUMZ	301	H	X75
157	100	1.41	90	PCT	21	P3	09C	-.97			09C	09C	.600	ZPAHZ	21	C	DQA
157	100	.75	72	PCT	12	P3	08C	-.88			08C	08C	.600	ZPAHZ	21	C	DQA
157	100	1.57	78	PCT	23	P3	08C	.98			08C	08C	.600	ZPAHZ	21	C	DQA
157	100	1.24	94	PCT	23	P2	VS7	-.91			TEH	TEC	.610	RBARD	106	C	
157	100	.47	116	PCT	11	P2	BW2	1.77			TEH	TEC	.610	RBARD	106	C	
157	100	1.01	88	PCT	20	P2	08C	.86			TEH	TEC	.610	RBARD	106	C	
157	100	1.97	76	PCT	27	P3	VS7	-.91			BW2	VS5	.580	ZPUFZ	134	C	
157	100	1.27	83	PCT	20	P3	BW2	1.79			BW2	VS5	.580	ZPUFZ	134	C	
157	100	.68	80	PCT	12	P3	BW1	1.71			07H	VS3	.580	ZPUMZ	301	H	X75
159	100	1.01	93	PCT	16	P3	04C	.84			04C	04C	.600	ZPAHZ	21	C	DQA
159	100	.67	125	PCT	15	P2	04C	.77			TEH	TEC	.610	RBARD	106	C	
84	101	.92	17	SVI		P3	07H	26.56		.30	07H	08H	.600	ZPAHZ	111	H	NC
84	101																VID
100	101	1.07	99	PCT	18	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	231	H	X60
106	101	.91	77	PCT	15	P5	BW1	1.58			07H	VS3	.580	ZPUMZ	233	H	X60
110	101	.61	32	PCT	11	P5	VS2	.20			07H	VS3	.580	ZPUMZ	233	H	X60
110	101	1.27	59	PCT	20	P5	VS2	.85			07H	VS3	.580	ZPUMZ	233	H	X60
114	101	1.09	89	PCT	17	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	233	H	X60
116	101	1.59	62	PCT	23	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	231	H	X60
118	101	.60	71	PCT	11	P3	08H	.55			07H	VS3	.580	ZPUMZ	233	H	X60
120	101	.80	92	PCT	21	P2	08H	.80			TEC	TEH	.610	RBARD	164	H	
120	101	.81	28	PCT	15	P3	07H	.96			07H	VS3	.580	ZPUMZ	234	H	X60
120	101	1.09	91	PCT	19	P3	08H	.91			07H	VS3	.580	ZPUMZ	234	H	X60
120	101	1.31	73	PCT	22	P3	08H	.93			07H	VS3	.580	ZPUMZ	234	H	X60
126	101	.94	55	PCT	17	P3	08H	-.89			07H	VS3	.580	ZPUMZ	274	H	X75
130	101	.65	85	PCT	12	P5	BW1	2.06			07H	VS3	.580	ZPUMZ	274	H	X75
132	101	1.21	69	PCT	21	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	276	H	X75
134	101	.87	93	PCT	15	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	274	H	X75
140	101	.67	83	PCT	13	P5	BW1	-1.78			07H	VS3	.580	ZPUMZ	276	H	X75
140	101	.80	70	PCT	15	P5	BW1	1.62			07H	VS3	.580	ZPUMZ	276	H	X75
144	101	.67	103	SAI		P5	VS1	-.65		.30	07H	VS3	.580	ZPUMZ	276	H	X75
144	101	.54	124	SAI		P2	VS1	-.65		.40	VS1	VS1	.580	ZPUFZ	323	H	
146	101	.51	119	PCT	14	P2	09H	1.00			TEC	TEH	.610	RBARD	168	H	
146	101	.64	53	PCT	12	P3	09H	.90			07H	VS3	.580	ZPUMZ	274	H	X75
150	101	.69	89	PCT	13	P3	BW1	1.98			07H	VS3	.580	ZPUFZ	319	H	
152	101	1.08	100	PCT	19	P3	BW1	1.78			07H	VS3	.580	ZPUFZ	319	H	
156	101	.44	144	PCT	12	P2	VS3	-.73			TEH	TEC	.610	RBARD	107	C	
156	101	.71	95	PCT	12	P3	BW1	-1.71			07H	VS3	.580	ZPUMZ	301	H	X75

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
156	101	.49	59	PCT	9	P3	BW1	.45			07H	VS3	.580	ZPUMZ	301	H	X75
156	101	1.15	96	PCT	18	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	301	H	X75
156	101	.82	84	PCT	14	P5	VS3	-.84			07H	VS3	.580	ZPUMZ	301	H	X75
158	101	1.13	83	PCT	18	P3	08C	.00			08C	08C	.600	ZPAHZ	21	C	DQA
158	101	.50	87	PCT	13	P2	BW2	1.98			TEH	TEC	.610	RBARD	107	C	
158	101	.45	75	PCT	12	P2	08C	-.02			TEH	TEC	.610	RBARD	107	C	
158	101	1.61	79	PCT	23	P3	BW2	2.08			BW2	VS5	.580	ZPUFZ	134	C	
89	102	.90	85	PCT	14	P3	VS2	-.91			VS2	VS2	.580	ZPUFZ	190	H	
101	102	1.44	91	PCT	29	P2	BW1	1.75			TEH	TEC	.610	RBARD	89	C	
101	102	2.49	71	PCT	33	P3	BW1	2.20			BW1	BW1	.580	ZPUFZ	323	H	
103	102	2.25	68	PCT	32	P5	BW1	1.13			07H	VS3	.580	ZPUMZ	234	H	X60
105	102	.76	63	PCT	14	P5	BW1	-1.51			07H	VS3	.580	ZPUMZ	232	H	X60
107	102	1.06	86	PCT	19	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	234	H	X60
111	102	.49	104	PCT	14	P2	VS6	.20			TEH	TEC	.610	RBARD	89	C	
111	102	1.56	72	PCT	23	P5	VS6	.21			07C	VS5	.580	ZPUMZ	123	C	X60
111	102	1.21	68	PCT	21	P5	VS2	.01			07H	VS3	.580	ZPUMZ	234	H	X60
111	102	.56	52	PCT	11	P5	VS3	-.86			07H	VS3	.580	ZPUMZ	234	H	X60
131	102	.63	82	PCT	11	P5	BW1	-1.75			07H	VS3	.580	ZPUMZ	275	H	X75
131	102	.62	32	SAI		P5	VS1	.76		.50	07H	VS3	.580	ZPUMZ	275	H	X75
131	102	.62	164	SAI		P2	VS1	.76		.60	VS1	VS1	.580	ZPUFZ	323	H	
133	102	.99	95	PCT	17	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	273	H	X75
133	102	.73	57	PCT	13	P5	VS1	-.96			07H	VS3	.580	ZPUMZ	273	H	X75
137	102	.66	57	PCT	12	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	273	H	X75
139	102	.98	57	PCT	17	P5	BW1	-1.93			07H	VS3	.580	ZPUMZ	275	H	X75
149	102	.84	56	PCT	14	P5	BW1	1.72			07H	VS3	.580	ZPUMZ	268	H	X75
151	102	.93	83	PCT	16	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	268	H	X75
153	102	1.10	77	PCT	18	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	268	H	X75
155	102	.68	100	PCT	11	P3	BW1	-1.84			07H	VS3	.580	ZPUMZ	301	H	X75
155	102	.78	96	PCT	13	P3	BW1	1.72			07H	VS3	.580	ZPUMZ	301	H	X75
157	102	1.20	87	PCT	18	P3	BW2	1.89			BW2	VS5	.580	ZPUFZ	134	C	
157	102	.67	103	PCT	11	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	301	H	X75
36	103	1.35	45	PCT	20	P3	BW2	-1.98			BW2	VS4	.580	ZPUFZ	135	C	
106	103	.79	98	PCT	13	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	233	H	X60
110	103	.92	68	MCI		P2	TSH	-14.32		.40	TSH	TSH	.600	ZPAHZ	65	H	
110	103	.44	57	MCI		P4	TSH	-14.32		.30	TSH	TSH	.600	ZPAHZ	65	H	
110	103	.17	124	MCI		P2	TSH	-13.92		.20	TSH	TSH	.600	ZPAHZ	65	H	
110	103	.21	56	MCI		P4	TSH	-13.92		.20	TSH	TSH	.600	ZPAHZ	65	H	
110	103	7.15	26	MCI		P2	TEH	.37		.80	TEH	TSH	.600	ZPAHZ	303	H	
110	103	6.60	30	MCI		P4	TEH	.37		1.10	TEH	TSH	.600	ZPAHZ	303	H	
112	103	.38	47	PCT	10	P2	07H	.98			TEH	TEC	.610	RBARD	86	C	
112	103	.98	83	PCT	16	P3	07H	.90			07H	VS3	.580	ZPUMZ	231	H	X60
114	103	.71	80	PCT	13	P3	08H	.91			07H	VS3	.580	ZPUMZ	233	H	X60
118	103	.56	109	PCT	15	P2	08H	.85			TEC	TEH	.610	RBARD	162	H	
118	103	.65	136	PCT	17	P2	09H	.10			TEC	TEH	.610	RBARD	162	H	
118	103	.81	89	PCT	13	P3	08H	.90			07H	VS3	.580	ZPUMZ	231	H	X60
118	103	1.30	89	PCT	20	P3	09H	.13			07H	VS3	.580	ZPUMZ	231	H	X60
120	103	.34	63	SAI		P3	BW1	1.23		.40	07H	VS3	.580	ZPUMZ	233	H	X60
120	103	.60	98	PCT	11	P3	BW1	2.06			07H	VS3	.580	ZPUMZ	233	H	X60
120	103	.00	0	SAI		P2	BW1	1.23		.00	BW1	BW1	.580	ZPUFZ	323	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
130	103	.79	71	PCT	14	P5	BW1	.22			07H	VS3	.580	ZPUMZ	274	H	X75
136	103	.41	82	PCT	13	P2	VS1	-.20			TEC	TEH	.610	RBARD	164	H	
136	103	.70	90	PCT	13	P5	VS1	-.22			07H	VS3	.580	ZPUMZ	276	H	X75
140	103	.47	33	PCT	14	P2	BW1	1.89			TEC	TEH	.610	RBARD	170	H	
140	103	1.24	85	PCT	21	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	276	H	X75
142	103	1.10	95	PCT	19	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	274	H	X75
142	103	1.00	64	PCT	17	P5	VS1	.30			07H	VS3	.580	ZPUMZ	274	H	X75
142	103	2.20	83	PCT	31	P5	VS3	.27			07H	VS3	.580	ZPUMZ	274	H	X75
146	103	.63	43	PCT	16	P2	VS1	-.61			TEC	TEH	.610	RBARD	168	H	
146	103	1.33	114	PCT	27	P2	VS3	-.88			TEC	TEH	.610	RBARD	168	H	
146	103	2.43	117	PCT	36	P2	VS3	.92			TEC	TEH	.610	RBARD	168	H	
146	103	.53	79	SAI		P3	07H	.75		.30	07H	VS3	.580	ZPUMZ	274	H	X75
146	103	.81	77	PCT	15	P5	VS1	-.11			07H	VS3	.580	ZPUMZ	274	H	X75
146	103	2.29	68	PCT	31	P5	VS3	-.92			07H	VS3	.580	ZPUMZ	274	H	X75
146	103	3.09	76	PCT	38	P5	VS3	.92			07H	VS3	.580	ZPUMZ	274	H	X75
146	103	.00	0	SAI		P2	07H	.75		.00	07H	07H	.600	ZPAHZ	303	H	
148	103	1.17	55	SAI		P3	03H	-.47		.20	03H	03H	.580	ZPUFZ	312	H	
148	103	.47	63	SAI		P2	03H	-.47		.30	03H	03H	.580	ZPUFZ	312	H	
150	103	2.16	107	PCT	34	P2	VS1	-.81			TEC	TEH	.610	RBARD	168	H	
150	103	.84	114	PCT	20	P2	VS3	-.54			TEC	TEH	.610	RBARD	168	H	
150	103	1.06	74	PCT	19	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	269	H	X75
150	103	2.10	68	PCT	31	P5	VS1	-.81			07H	VS3	.580	ZPUMZ	269	H	X75
150	103	.65	74	PCT	12	P5	VS1	.16			07H	VS3	.580	ZPUMZ	269	H	X75
150	103	.88	82	PCT	16	P5	VS3	-.54			07H	VS3	.580	ZPUMZ	269	H	X75
150	103	1.87	87	PCT	28	P5	VS3	-.44			07H	VS3	.580	ZPUMZ	269	H	X75
152	103	.84	117	PCT	22	P2	VS1	-.68			TEC	TEH	.610	RBARD	170	H	
152	103	.73	112	PCT	20	P2	VS3	-.18			TEC	TEH	.610	RBARD	170	H	
152	103	1.32	80	PCT	22	P5	VS1	-.89			07H	VS3	.580	ZPUMZ	269	H	X75
152	103	.82	67	PCT	15	P5	VS1	-.81			07H	VS3	.580	ZPUMZ	269	H	X75
152	103	1.85	81	PCT	28	P5	VS1	-.05			07H	VS3	.580	ZPUMZ	269	H	X75
152	103	.99	81	PCT	18	P5	VS1	.71			07H	VS3	.580	ZPUMZ	269	H	X75
152	103	.83	61	PCT	15	P5	VS3	-.67			07H	VS3	.580	ZPUMZ	269	H	X75
152	103	2.19	73	PCT	31	P5	VS3	-.06			07H	VS3	.580	ZPUMZ	269	H	X75
154	103	1.18	90	PCT	18	P3	BW2	1.85			BW2	VS5	.580	ZPUFZ	135	C	
154	103	.66	90	PCT	13	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	269	H	X75
156	103	2.13	114	PCT	35	P2	VS3	1.03			TEH	TEC	.610	RBARD	107	C	
156	103	.43	97	PCT	12	P2	VS7	-.97			TEH	TEC	.610	RBARD	107	C	
156	103	.47	121	PCT	13	P2	BW2	1.88			TEH	TEC	.610	RBARD	107	C	
156	103	1.49	90	PCT	22	P3	BW2	1.81			BW2	VS5	.580	ZPUFZ	135	C	
156	103	.79	80	PCT	13	P3	BW1	-1.88			07H	VS3	.580	ZPUMZ	301	H	X75
156	103	1.47	79	PCT	22	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	301	H	X75
156	103	3.43	71	PCT	38	P5	VS3	1.00			07H	VS3	.580	ZPUMZ	301	H	X75
35	104	.94	89	PCT	15	P3	BW2	-1.97			BW2	VS4	.580	ZPUFZ	135	C	
35	104	.63	74	PCT	10	P3	BW1	-1.89			BW1	VS4	.580	ZPUFZ	190	H	
35	104	2.09	78	PCT	28	P3	BW1	-1.87			BW1	VS4	.580	ZPUFZ	190	H	
103	104	.57	56	PCT	11	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	234	H	X60
111	104	.55	80	PCT	11	P3	08H	.95			07H	VS3	.580	ZPUMZ	234	H	X60
113	104	.75	69	PCT	13	P3	08H	-1.05			07H	VS3	.580	ZPUMZ	232	H	X60
119	104	.47	92	PCT	14	P2	BW1	1.81			TEC	TEH	.610	RBARD	163	H	
119	104	1.15	68	PCT	19	P3	09H	-.16			07H	VS3	.580	ZPUMZ	232	H	X60
119	104	.94	68	PCT	16	P3	09H	.97			07H	VS3	.580	ZPUMZ	232	H	X60
119	104	1.59	85	PCT	25	P5	BW1	2.07			07H	VS3	.580	ZPUMZ	232	H	X60
121	104	.61	56	PCT	11	P3	08H	-.95			07H	VS3	.580	ZPUMZ	231	H	X60
121	104	.73	40	PCT	13	P3	09H	-.83			07H	VS3	.580	ZPUMZ	231	H	X60
131	104	.78	70	PCT	14	P5	BW1	2.02			07H	BW1	.580	ZPUMZ	267	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
131	104	.65	63	PCT	12	P3	BW1	1.71			07H	VS3	.580	ZPUMZ	294	H	RBI
131	104																X75
147	104	1.01	70	PCT	17	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	268	H	X75
149	104	.89	92	PCT	15	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	268	H	X75
153	104	.66	95	PCT	12	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	268	H	X75
155	104	.75	92	PCT	13	P3	BW1	1.94			07H	VS3	.580	ZPUMZ	301	H	X75
157	104	.59	92	PCT	10	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	301	H	X75
159	104	.45	97	PCT	11	P2	BW2	-1.89			TEH	TEC	.610	RBARD	106	C	
159	104	.86	100	PCT	18	P2	BW2	1.94			TEH	TEC	.610	RBARD	106	C	
159	104	1.25	82	PCT	19	P3	BW2	-1.95			BW2	VS5	.580	ZPUFZ	134	C	DQA
159	104	1.84	67	PCT	25	P3	BW2	1.76			BW2	VS5	.580	ZPUFZ	134	C	
36	105	.49	26	PCT	14	P2	BW1	1.86			TEH	TEC	.610	RBARD	41	C	
36	105	1.18	68	PCT	18	P3	BW1	-1.80			BW1	VS4	.580	ZPUFZ	190	H	
36	105	1.57	78	PCT	23	P3	BW1	1.89			BW1	VS4	.580	ZPUFZ	190	H	
38	105	1.06	96	PCT	16	P3	BW1	2.10			BW1	VS4	.580	ZPUFZ	190	H	
80	105	.63	44	SCI		P4	TSH	-11.30		.20	TSH	TSH	.600	ZPAHZ	66	H	
80	105	.92	27	SCI		P2	TSH	-11.30		.30	TSH	TSH	.600	ZPAHZ	66	H	
102	105	.73	55	PCT	12	P5	BW1	1.60			07H	VS3	.580	ZPUMZ	233	H	X60
104	105	.80	69	PCT	14	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	231	H	X60
108	105	.72	46	PCT	12	P3	08H	.95			07H	VS3	.580	ZPUMZ	231	H	X60
110	105	.66	59	PCT	11	P3	VS5	-1.02			VS5	VS5	.580	ZPUFZ	129	C	DQA
110	105	1.11	79	PCT	18	P5	VS3	1.06			07H	VS3	.580	ZPUMZ	233	H	X60
114	105	.43	147	PCT	13	P2	BW1	1.90			TEC	TEH	.610	RBARD	162	H	
114	105	.53	82	PCT	10	P3	07H	-.12			07H	VS3	.580	ZPUMZ	233	H	X60
114	105	1.85	70	PCT	26	P5	BW1	2.17			07H	VS3	.580	ZPUMZ	233	H	X60
120	105	.56	79	PCT	16	P2	08H	.90			TEC	TEH	.610	RBARD	164	H	
120	105	.79	34	PCT	13	P3	07H	1.02			07H	VS3	.580	ZPUMZ	231	H	X60
120	105	1.00	37	PCT	16	P3	08H	.91			07H	VS3	.580	ZPUMZ	231	H	X60
120	105	1.10	50	PCT	17	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	231	H	X60
124	105	.67	67	PCT	13	P5	VS1	-.08			07H	VS3	.580	ZPUMZ	234	H	X60
126	105	.62	58	PCT	12	P3	09H	1.04			07H	VS3	.580	ZPUMZ	267	H	X75
126	105	.81	78	PCT	15	P5	VS1	-.93			07H	VS3	.580	ZPUMZ	267	H	X75
128	105	.74	61	PCT	14	P3	09H	-.96			07H	VS3	.580	ZPUMZ	269	H	X75
138	105	1.69	98	PCT	31	P2	VS3	1.00			TEC	TEH	.610	RBARD	168	H	
138	105	.84	61	PCT	15	P5	VS3	-.84			07H	VS3	.580	ZPUMZ	269	H	X75
138	105	1.89	69	PCT	28	P5	VS3	.80			07H	VS3	.580	ZPUMZ	269	H	X75
148	105	.66	106	PCT	18	P2	VS1	-.52			TEC	TEH	.610	RBARD	170	H	
148	105	.74	82	PCT	14	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	269	H	X75
148	105	.56	68	PCT	11	P5	VS1	-.18			07H	VS3	.580	ZPUMZ	269	H	X75
150	105	1.07	68	PCT	19	P3	BW1	1.93			07H	VS3	.580	ZPUMZ	269	H	X75
150	105	.90	70	PCT	16	P5	VS3	-.93			07H	VS3	.580	ZPUMZ	269	H	X75
152	105	.70	88	PCT	13	P3	BW1	-1.85			07H	VS3	.580	ZPUMZ	269	H	X75
154	105	.70	63	PCT	13	P3	BW1	1.94			07H	VS3	.580	ZPUMZ	269	H	X75
156	105	.79	62	PCT	19	P2	BW1	2.05			TEH	TEC	.610	RBARD	107	C	
156	105	.81	80	PCT	12	P3	09C	-.17			09C	09C	.600	ZPAHZ	137	C	
156	105	2.53	92	PCT	32	P3	BW1	2.09			07H	VS3	.580	ZPUMZ	301	H	X75
158	105	.76	99	PCT	16	P2	BW2	1.89			TEH	TEC	.610	RBARD	106	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
158	105	2.08	80	PCT	28	P3	BW2	1.97			BW2	VS5	.580	ZPUFZ	134	C	DQA
158	105	.86	88	PCT	14	P3	BW1	-2.01			07H	VS3	.580	ZPUMZ	301	H	X75
158	105	.91	80	PCT	15	P3	BW1	1.76			07H	VS3	.580	ZPUMZ	301	H	X75
35	106	.41	59	PCT	10	P2	BW2	-2.05			TEH	TEC	.610	RBARD	40	C	
35	106	1.35	82	PCT	20	P3	BW2	-1.82			BW2	VS4	.580	ZPUFZ	135	C	
35	106	.69	54	PCT	11	P3	BW2	1.74			BW2	VS4	.580	ZPUFZ	135	C	
35	106	1.27	76	PCT	19	P3	BW1	-1.83			BW1	VS4	.580	ZPUFZ	190	H	
35	106	.92	69	PCT	14	P3	BW1	-1.76			BW1	VS4	.580	ZPUFZ	190	H	
37	106	.74	135	PCT	16	P2	VS4	-.93			TEH	TEC	.610	RBARD	40	C	
37	106	1.03	60	PCT	16	P3	VS4	-.91			VS4	VS4	.580	ZPUFZ	190	H	
101	106	.77	75	PCT	14	P5	BW1	-2.18			07H	VS3	.580	ZPUMZ	232	H	X60
101	106	.36	20	SAI		P2	04H	.93		.20	04H	04H	.600	ZPAHZ	310	H	
101	106	.65	50	SAI		P3	04H	.93		.30	04H	04H	.600	ZPAHZ	310	H	
103	106	.82	151	PCT	20	P2	VS2	.97			TEH	TEC	.610	RBARD	87	C	
103	106	1.13	67	PCT	20	P5	VS2	.91			07H	VS3	.580	ZPUMZ	234	H	X60
105	106	1.20	111	PCT	26	P2	VS2	-.15			TEH	TEC	.610	RBARD	87	C	
105	106	2.41	87	PCT	34	P5	VS2	-.23			07H	VS3	.580	ZPUMZ	232	H	X60
109	106	2.04	112	PCT	35	P2	VS2	-.08			TEH	TEC	.610	RBARD	87	C	
109	106	2.70	104	PCT	35	P5	VS2	-.26			07H	VS3	.580	ZPUMZ	232	H	X60
123	106	.56	106	PCT	16	P2	VS1	.81			TEC	TEH	.610	RBARD	163	H	
123	106	.85	67	PCT	16	P5	VS1	1.00			07H	VS3	.580	ZPUMZ	234	H	X60
125	106	.80	103	PCT	14	P5	VS1	-.85			07H	VS3	.580	ZPUMZ	268	H	X75
127	106	.53	142	PCT	16	P2	09H	.86			TEC	TEH	.610	RBARD	163	H	
127	106	.96	84	PCT	16	P3	09H	.99			07H	VS3	.580	ZPUMZ	268	H	X75
147	106	.76	43	PCT	13	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	268	H	X75
151	106	1.42	77	PCT	22	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	268	H	X75
153	106	.89	79	PCT	15	P3	BW1	-2.05			07H	VS3	.580	ZPUMZ	268	H	X75
153	106	.71	82	PCT	12	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	268	H	X75
155	106	.75	85	PCT	13	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	301	H	X75
157	106	.65	153	PCT	14	P2	VS1	-.90			TEH	TEC	.610	RBARD	106	C	
157	106	.61	97	PCT	10	P3	BW1	1.65			07H	VS3	.580	ZPUMZ	301	H	X75
32	107	.76	85	PCT	20	P2	BW2	-2.10			TEH	TEC	.610	RBARD	41	C	
32	107	1.40	66	PCT	20	P3	VS4	.59			BW2	VS4	.580	ZPUFZ	135	C	
32	107	2.20	73	PCT	29	P3	BW2	-1.69			BW2	VS4	.580	ZPUFZ	135	C	
32	107	.92	86	PCT	15	P3	BW2	-1.67			BW2	VS4	.580	ZPUFZ	135	C	
32	107	1.41	65	PCT	21	P3	BW1	-1.82			BW1	VS4	.580	ZPUFZ	190	H	
32	107	1.55	83	PCT	23	P3	BW1	1.75			BW1	VS4	.580	ZPUFZ	190	H	
32	107	1.31	70	PCT	20	P3	VS4	.94			BW1	VS4	.580	ZPUFZ	190	H	
74	107	.84	41	SCI		P4	TSH	-14.62		.30	TSH	TSH	.600	ZPAHZ	32	H	
74	107	.75	40	SCI		P2	TSH	-14.62		.20	TSH	TSH	.600	ZPAHZ	32	H	
74	107	.86	26	MCI		P4	TEH	.04		.55	TEH	TSH	.600	ZPAHZ	53	H	
74	107	.00	0	MCI		P2	TEH	.04		.00	TEH	TSH	.600	ZPAHZ	53	H	
74	107	.87	56	MCI		P4	TEH	6.08		.20	TEH	TSH	.600	ZPAHZ	53	H	
74	107	1.46	43	MCI		P2	TEH	6.08		.30	TEH	TSH	.600	ZPAHZ	53	H	
102	107	.66	58	PCT	11	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	231	H	X60
104	107	.53	97	PCT	10	P5	VS2	-.92			07H	VS3	.580	ZPUMZ	233	H	X60
106	107	.71	63	PCT	12	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	231	H	X60
108	107	.40	39	PCT	10	P2	08H	-.86			TEH	TEC	.610	RBARD	86	C	
108	107	.60	87	PCT	11	P3	08H	-.99			07H	VS3	.580	ZPUMZ	233	H	X60
110	107	1.25	72	PCT	19	P3	08H	.92			07H	VS3	.580	ZPUMZ	231	H	X60
110	107	.74	81	PCT	13	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	231	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
112	107	1.27	44	PCT	20	P5	VS2	-1.07			07H	VS3	.580	ZPUMZ	233	H	X60
118	107	.52	83	PCT	15	P2	08H	-.16			TEC	TEH	.610	RBARD	162	H	
118	107	.84	84	PCT	14	P3	08H	-.09			07H	VS3	.580	ZPUMZ	231	H	X60
118	107	1.05	92	PCT	17	P3	08H	.87			07H	VS3	.580	ZPUMZ	231	H	X60
124	107	.83	79	PCT	15	P3	09H	-.91			07H	VS3	.580	ZPUMZ	233	H	X60
124	107	.67	75	PCT	12	P3	09H	.87			07H	VS3	.580	ZPUMZ	233	H	X60
124	107	.83	88	PCT	14	P5	VS1	1.02			07H	VS3	.580	ZPUMZ	233	H	X60
126	107	.54	61	PCT	15	P2	09H	.88			TEC	TEH	.610	RBARD	162	H	
126	107	.68	72	PCT	13	P3	09H	.95			07H	VS3	.580	ZPUMZ	269	H	X75
130	107	.60	140	PCT	16	P2	08H	.56			TEC	TEH	.610	RBARD	162	H	
130	107	.76	46	PCT	14	P3	08H	.82			07H	VS3	.580	ZPUMZ	269	H	X75
130	107	.65	52	PCT	12	P3	08H	.89			07H	VS3	.580	ZPUMZ	269	H	X75
130	107	.66	64	PCT	13	P3	09H	-.02			07H	VS3	.580	ZPUMZ	269	H	X75
130	107	.49	68	PCT	10	P3	09H	1.04			07H	VS3	.580	ZPUMZ	269	H	X75
144	107	1.13	75	PCT	17	P3	VS5	.80			VS5	VS5	.580	ZPUFZ	135	C	
146	107	1.44	111	PCT	28	P2	VS3	-1.00			TEC	TEH	.610	RBARD	168	H	
146	107	.77	74	PCT	14	P5	BW1	-2.05			07H	VS3	.580	ZPUMZ	267	H	X75
146	107	1.98	74	PCT	29	P5	VS3	-.98			07H	VS3	.580	ZPUMZ	267	H	X75
150	107	.93	74	PCT	16	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	267	H	X75
152	107	.70	73	PCT	13	P3	BW1	-1.88			07H	VS3	.580	ZPUMZ	269	H	X75
152	107	.81	72	PCT	15	P3	BW1	1.92			07H	VS3	.580	ZPUMZ	269	H	X75
156	107	.69	141	PCT	17	P2	VS5	.93			TEH	TEC	.610	RBARD	107	C	
156	107	1.09	66	PCT	17	P3	VS5	.90			VS5	VS5	.580	ZPUFZ	135	C	
156	107	.76	94	PCT	13	P3	BW1	-1.86			07H	VS3	.580	ZPUMZ	301	H	X75
156	107	1.14	63	PCT	18	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	301	H	X75
77	108	2.86	7	BID		P1	07H	37.30			TEH	TEC	.610	RBARD	87	C	
77	108	1.68	19	SVI		P3	07H	37.24		.30	07H	08H	.600	ZPAHZ	111	H	NC
77	108																VID
83	108	.88	73	PCT	14	P3	VS3	-.85			VS3	VS3	.580	ZPUFZ	190	H	
85	108	.45	36	MCI		P4	TEH	4.81		.20	TEH	TSH	.600	ZPAHZ	343	H	
85	108	.58	29	MCI		P2	TEH	4.81		.30	TEH	TSH	.600	ZPAHZ	343	H	
85	108	.31	33	MCI		P4	TEH	7.13		.20	TEH	TSH	.600	ZPAHZ	343	H	
85	108	.20	22	MCI		P2	TEH	7.13		.30	TEH	TSH	.600	ZPAHZ	343	H	
85	108	.55	36	MCI		P2	TEH	8.70		.20	TEH	TSH	.600	ZPAHZ	343	H	
85	108	.31	45	MCI		P4	TEH	8.70		.20	TEH	TSH	.600	ZPAHZ	343	H	
85	108	.34	46	MCI		P4	TEH	9.24		.20	TEH	TSH	.600	ZPAHZ	343	H	
85	108	.61	40	MCI		P2	TEH	9.24		.30	TEH	TSH	.600	ZPAHZ	343	H	
111	108	1.57	78	SVI	24	P3	BW1	2.25		1.25	07H	VS3	.580	ZPUMZ	232	H	TTW
111	108																X60
115	108	.82	82	PCT	15	P5	VS2	.31			07H	VS3	.580	ZPUMZ	232	H	X60
119	108	.79	62	PCT	21	P2	09H	.87			TEC	TEH	.610	RBARD	163	H	
119	108	.83	59	PCT	14	P3	09H	.91			07H	VS3	.580	ZPUMZ	232	H	X60
119	108	.85	52	PCT	15	P3	09H	.92			07H	VS3	.580	ZPUMZ	232	H	X60
153	108	.75	61	PCT	13	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	268	H	X75
155	108	.98	66	PCT	16	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	301	H	X75
157	108	1.17	93	PCT	17	P3	09C	-1.01			09C	09C	.600	ZPAHZ	22	C	DQA
157	108	.82	129	PCT	17	P2	VS1	-.96			TEH	TEC	.610	RBARD	106	C	
157	108	.61	97	PCT	14	P2	09C	-.96			TEH	TEC	.610	RBARD	106	C	
157	108	.63	65	PCT	10	P3	02C	.76			02C	02C	.600	ZPAHZ	137	C	
157	108	.89	88	PCT	15	P3	BW1	2.02			07H	VS3	.580	ZPUMZ	301	H	X75
157	108	1.16	78	PCT	19	P5	VS1	-.86			07H	VS3	.580	ZPUMZ	301	H	X75
66	109	.66	78	PCT	11	P3	VS5	.64			VS5	VS5	.580	ZPUFZ	150	C	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
96	109	6.37	29	MCI		P2	TEH	.14		.90	TEH	TSH	.600	ZPAHZ	111	H	
96	109	3.84	28	MCI		P4	TEH	.14		.70	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.99	37	MCI		P2	TEH	2.35		.40	TEH	TSH	.600	ZPAHZ	111	H	DQA
96	109	2.21	39	MCI		P4	TEH	2.35		.20	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.14	42	MCI		P4	TEH	6.46		.20	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.29	28	MCI		P2	TEH	6.46		.30	TEH	TSH	.600	ZPAHZ	111	H	
96	109	.89	35	MCI		P4	TEH	6.68		.20	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.08	29	MCI		P2	TEH	6.68		.30	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.69	51	MCI		P2	TEH	9.15		.30	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.28	39	MCI		P4	TEH	9.15		.20	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.07	44	MCI		P2	TEH	10.17		.30	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.09	39	MCI		P4	TEH	10.17		.20	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.86	40	MCI		P4	TEH	11.54		.20	TEH	TSH	.600	ZPAHZ	111	H	
96	109	1.80	45	MCI		P2	TEH	11.54		.30	TEH	TSH	.600	ZPAHZ	111	H	
104	109	.79	73	PCT	13	P3	08H	.93			07H	VS3	.580	ZPUMZ	231	H	X60
104	109	.82	81	PCT	14	P5	VS2	-.25			07H	VS3	.580	ZPUMZ	231	H	X60
106	109	.91	85	PCT	15	P5	BW1	1.97			07H	VS3	.580	ZPUMZ	233	H	X60
110	109	.58	54	PCT	11	P3	07H	.93			07H	VS3	.580	ZPUMZ	233	H	X60
110	109	.58	100	PCT	10	P5	VS2	-.81			07H	VS3	.580	ZPUMZ	233	H	X60
112	109	1.38	29	SVI		P3	02H	36.55		.30	02H	03H	.600	ZPAHZ	111	H	NC
112	109																PIT
118	109	.58	57	PCT	11	P3	BW1	2.01			07H	VS3	.580	ZPUMZ	233	H	X60
120	109	.54	91	PCT	16	P2	08H	.86			TEC	TEH	.610	RBARD	164	H	
120	109	.92	62	PCT	15	P3	08H	.92			07H	VS3	.580	ZPUMZ	231	H	X60
122	109	.55	79	PCT	10	P5	VS1	.83			07H	VS3	.580	ZPUMZ	233	H	X60
124	109	.61	129	PCT	17	P2	08H	.82			TEC	TEH	.610	RBARD	164	H	
124	109	.76	71	PCT	14	P3	08H	1.00			07H	VS3	.580	ZPUMZ	234	H	X60
128	109	.71	61	MAI		P2	02H	-.54		.30	02H	02H	.600	ZPAHZ	310	H	
128	109	.85	60	MAI		P3	02H	-.54		.20	02H	02H	.600	ZPAHZ	310	H	
128	109	1.07	80	MAI		P3	02H	.29		.40	02H	02H	.600	ZPAHZ	310	H	
128	109	.58	57	MAI		P2	02H	.29		.60	02H	02H	.600	ZPAHZ	310	H	
146	109	.85	94	PCT	15	P5	VS1	.79			07H	VS3	.580	ZPUMZ	267	H	X75
152	109	.60	131	PCT	17	P2	VS1	1.02			TEC	TEH	.610	RBARD	170	H	
152	109	.76	112	PCT	14	P3	BW1	1.76			07H	VS3	.580	ZPUMZ	269	H	X75
152	109	.88	72	PCT	16	P5	VS1	.97			07H	VS3	.580	ZPUMZ	269	H	X75
156	109	1.63	75	PCT	23	P3	04C	-.93			04C	04C	.600	ZPAHZ	21	C	DQA
156	109	1.04	126	PCT	23	P2	VS1	-.79			TEH	TEC	.610	RBARD	107	C	
156	109	.67	107	PCT	17	P2	04C	-.95			TEH	TEC	.610	RBARD	107	C	
156	109	1.18	84	PCT	19	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	301	H	X75
156	109	1.22	74	PCT	20	P5	VS1	-.81			07H	VS3	.580	ZPUMZ	301	H	X75
105	110	.67	102	PCT	12	P3	04H	-.80			04H	04H	.600	ZPAHZ	310	H	
107	110	.70	45	PCT	13	P3	08H	-1.10			07H	VS3	.580	ZPUMZ	234	H	X60
107	110	.49	51	PCT	10	P3	BW1	1.91			07H	VS3	.580	ZPUMZ	234	H	X60
111	110	.51	52	MCI		P2	TSH	-14.74		.40	TSH	TSH	.600	ZPAHZ	74	H	
111	110	.60	32	MCI		P4	TSH	-14.74		.60	TSH	TSH	.600	ZPAHZ	74	H	
111	110	.51	41	MCI		P4	TSH	-14.47		.80	TSH	TSH	.600	ZPAHZ	74	H	
111	110	.65	85	MCI		P2	TSH	-14.47		.60	TSH	TSH	.600	ZPAHZ	74	H	
111	110	.76	49	MCI		P2	TSH	-13.67		.60	TSH	TSH	.600	ZPAHZ	74	H	
111	110	.55	44	MCI		P4	TSH	-13.67		.70	TSH	TSH	.600	ZPAHZ	74	H	
111	110	.51	50	PCT	10	P5	VS3	.79			07H	VS3	.580	ZPUMZ	234	H	X60
115	110	.55	79	PCT	16	P2	BW1	1.93			TEC	TEH	.610	RBARD	163	H	
115	110	1.05	91	PCT	18	P3	BW1	-1.94			07H	VS3	.580	ZPUMZ	234	H	X60
115	110	1.43	85	PCT	23	P3	BW1	2.01			07H	VS3	.580	ZPUMZ	234	H	X60
117	110	.65	104	SAI		P3	VS6	.74		.40	VS6	VS6	.580	ZPUFZ	129	C	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
117	110	.00	0	SAI		P2	VS6	.74		.00	VS6	VS6	.580	ZPUFZ	129	C	DQA
119	110	.82	73	PCT	15	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	234	H	X60
123	110	.69	98	PCT	19	P2	VS2	-.80			TEC	TEH	.610	RBARD	163	H	
123	110	.50	117	PCT	15	P2	VS6	.90			TEC	TEH	.610	RBARD	163	H	
123	110	1.03	76	PCT	19	P5	VS2	-.83			07H	VS3	.580	ZPUMZ	234	H	X60
123	110	1.21	50	PCT	21	P5	VS2	.85			07H	VS3	.580	ZPUMZ	234	H	X60
125	110	.87	44	SAI		P5	VS1	.53		.40	07H	VS3	.580	ZPUMZ	294	H	X75
125	110	.00	0	SAI		P2	VS1	.53		.00	VS1	VS1	.580	ZPUFZ	323	H	
145	110	.75	101	PCT	13	P3	BW1	1.90			07H	VS3	.580	ZPUMZ	260	H	X75
151	110	.78	83	PCT	13	P3	BW1	1.71			07H	VS3	.580	ZPUMZ	258	H	X75
155	110	.56	87	PCT	10	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	301	H	X75
155	110	.52	85	PCT	10	P5	VS1	.98			07H	VS3	.580	ZPUMZ	301	H	X75
157	110	.68	84	PCT	15	P2	BW2	1.88			TEH	TEC	.610	RBARD	106	C	
157	110	1.77	80	PCT	24	P3	BW2	1.79			BW2	VS5	.580	ZPUFZ	135	C	
56	111	.17	42	SCI		P4	TSH	.05		.30	TSH	TSH	.600	ZPAHZ	32	H	
56	111	.36	11	SCI		P2	TSH	.05		.30	TSH	TSH	.600	ZPAHZ	32	H	
62	111	.24	54	SCI		P4	TSH	.16		.70	TSH	TSH	.600	ZPAHZ	32	H	
62	111	.32	19	SCI		P2	TSH	.16		.30	TSH	TSH	.600	ZPAHZ	32	H	
86	111	2.51	9	BID		P1	04C	8.67			TEH	TEC	.610	RBARD	86	C	
96	111	1.03	40	SAI		P5	VS6	-.17		.60	07C	VS6	.580	ZPUMZ	116	C	X45
96	111	.34	162	SAI		P2	VS6	-.17		.60	VS6	VS6	.580	ZPUFZ	131	C	
104	111	.32	19	SCI		P2	TSH	-14.62		.30	TSH	TSH	.600	ZPAHZ	76	H	
104	111	.29	37	SCI		P4	TSH	-14.62		.20	TSH	TSH	.600	ZPAHZ	76	H	
106	111	.62	68	PCT	11	P3	08H	.94			07H	VS3	.580	ZPUMZ	233	H	X60
106	111	.81	74	PCT	14	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	233	H	X60
108	111	.48	120	PCT	12	P2	08H	1.05			TEH	TEC	.610	RBARD	86	C	
108	111	.51	62	PCT	12	P2	VS3	-.64			TEH	TEC	.610	RBARD	86	C	
108	111	1.11	77	PCT	18	P3	08H	.83			07H	VS3	.580	ZPUMZ	231	H	X60
108	111	1.49	60	PCT	23	P5	VS2	-1.00			07H	VS3	.580	ZPUMZ	231	H	X60
108	111	1.14	90	PCT	18	P5	VS3	-.69			07H	VS3	.580	ZPUMZ	231	H	X60
108	111	1.89	79	PCT	27	P5	VS3	.12			07H	VS3	.580	ZPUMZ	231	H	X60
110	111	.77	43	PCT	14	P3	08H	.91			07H	VS3	.580	ZPUMZ	233	H	X60
110	111	.83	56	PCT	14	P5	BW1	2.05			07H	VS3	.580	ZPUMZ	233	H	X60
112	111	.82	83	SVI	14	P5	BW1	1.08		.60	07H	VS3	.580	ZPUMZ	224	H	TTW
112	111																X60
114	111	.81	91	PCT	14	P3	08H	.96			07H	VS3	.580	ZPUMZ	224	H	X60
116	111	.83	82	PCT	14	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	224	H	X60
118	111	.84	65	PCT	14	P3	08H	.83			07H	VS3	.580	ZPUMZ	224	H	X60
118	111	.70	89	PCT	12	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	224	H	X60
122	111	.67	66	PCT	12	P5	BW1	2.19			07H	VS3	.580	ZPUMZ	224	H	X60
132	111	.94	74	PCT	17	P5	VS1	-.92			07H	VS3	.580	ZPUMZ	259	H	X75
132	111	.65	84	PCT	12	P5	VS1	-.06			07H	VS3	.580	ZPUMZ	259	H	X75
134	111	.63	80	PCT	12	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	261	H	X75
136	111	.89	57	PCT	16	P5	VS1	-.88			07H	VS3	.580	ZPUMZ	259	H	X75
138	111	.69	73	PCT	13	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	261	H	X75
138	111	.78	45	PCT	14	P5	VS3	.94			07H	VS3	.580	ZPUMZ	261	H	X75
138	111	.62	62	SAI		P2	02H	.61		.30	02H	02H	.600	ZPAHZ	310	H	
138	111	.95	64	SAI		P3	02H	.61		.30	02H	02H	.600	ZPAHZ	310	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
148	111	.81	73	SAI		P5	VS1	-1.09		.30	07H	VS3	.580	ZPUMZ	259	H	X75
148	111	.53	131	SAI		P2	VS1	-1.09		.30	VS1	VS1	.580	ZPUFZ	323	H	
150	111	.79	74	PCT	15	P5	VS3	.68			07H	VS3	.580	ZPUMZ	261	H	X75
154	111	.64	143	PCT	14	P2	VS3	-.76			TEH	TEC	.610	RBARD	106	C	
154	111	.96	108	PCT	19	P2	VS3	1.00			TEH	TEC	.610	RBARD	106	C	
154	111	1.83	118	PCT	30	P2	VS7	-.76			TEH	TEC	.610	RBARD	106	C	
154	111	.95	96	PCT	19	P2	VS7	-.18			TEH	TEC	.610	RBARD	106	C	
154	111	1.11	61	PCT	17	P3	VS5	.72			VS5	VS5	.580	ZPUFZ	135	C	
154	111	2.00	73	PCT	27	P3	VS7	-.69			VS7	VS7	.580	ZPUFZ	135	C	
154	111	1.85	71	PCT	25	P3	VS7	-.14			VS7	VS7	.580	ZPUFZ	135	C	
154	111	.73	95	PCT	14	P5	BW1	-2.14			07H	VS3	.580	ZPUMZ	261	H	X75
154	111	.98	85	PCT	17	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	261	H	X75
154	111	.73	79	PCT	14	P5	VS1	.27			07H	VS3	.580	ZPUMZ	261	H	X75
154	111	.93	82	PCT	17	P5	VS1	.84			07H	VS3	.580	ZPUMZ	261	H	X75
154	111	1.16	77	PCT	20	P5	VS3	-.99			07H	VS3	.580	ZPUMZ	261	H	X75
154	111	1.45	84	PCT	24	P5	VS3	.93			07H	VS3	.580	ZPUMZ	261	H	X75
156	111	1.30	75	PCT	20	P3	BW1	1.26			07H	VS3	.580	ZPUMZ	301	H	X75
65	112	.31	56	MCI		P4	TSH	.15		.20	TSH	TSH	.600	ZPAHZ	31	H	
65	112	.00	0	MCI		P2	TSH	.15		.00	TSH	TSH	.600	ZPAHZ	31	H	
65	112	.13	113	MCI		P4	TSH	.23		.20	TSH	TSH	.600	ZPAHZ	31	H	
65	112	.00	0	MCI		P2	TSH	.23		.00	TSH	TSH	.600	ZPAHZ	31	H	
65	112	.00	0	MCI		P2	TSH	.24		.00	TSH	TSH	.600	ZPAHZ	31	H	
65	112	.16	41	MCI		P4	TSH	.24		.20	TSH	TSH	.600	ZPAHZ	31	H	
115	112	1.07	61	PCT	18	P3	BW1	1.62			07H	VS3	.580	ZPUMZ	225	H	X60
119	112	.46	119	PCT	14	P2	BW1	1.58			TEC	TEH	.610	RBARD	165	H	
119	112	.94	41	PCT	16	P3	09H	.90			07H	VS3	.580	ZPUMZ	225	H	X60
119	112	.75	42	PCT	13	P3	BW1	-1.51			07H	VS3	.580	ZPUMZ	225	H	X60
119	112	1.54	60	PCT	24	P3	BW1	1.51			07H	VS3	.580	ZPUMZ	225	H	X60
123	112	.79	74	PCT	14	P3	09H	.00			07H	VS3	.580	ZPUMZ	226	H	X60
123	112	1.16	80	PCT	19	P5	BW1	2.05			07H	VS3	.580	ZPUMZ	226	H	X60
143	112	.75	70	SVI	14	P5	BW1	2.28		.50	07H	VS3	.580	ZPUMZ	260	H	TTW
143	112																X75
145	112	.82	103	PCT	14	P5	VS1	.90			07H	VS3	.580	ZPUMZ	258	H	X75
151	112	.68	81	PCT	12	P3	BW1	1.90			07H	VS3	.580	ZPUMZ	260	H	X75
157	112	.72	75	PCT	16	P2	BW1	2.00			TEH	TEC	.610	RBARD	106	C	
157	112	1.00	60	PCT	16	P3	BW1	1.93			07H	VS3	.580	ZPUMZ	301	H	X75
98	113	.17	113	SAI		P2	VS5	-.07		.20	VS5	VS5	.580	ZPUFZ	129	C	DQA
98	113	.50	83	SAI		P3	VS5	-.07		.30	VS5	VS5	.580	ZPUFZ	129	C	
102	113	.87	83	PCT	15	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	226	H	X60
108	113	1.02	74	PCT	17	P3	08H	.90			07H	VS3	.580	ZPUMZ	224	H	X60
108	113	.78	50	PCT	14	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	224	H	X60
110	113	1.25	102	PCT	24	P2	VS2	.96			TEH	TEC	.610	RBARD	86	C	
110	113	1.46	112	PCT	23	P5	VS2	.95			07H	VS3	.580	ZPUMZ	226	H	X60
110	113	1.16	78	PCT	19	P5	VS3	1.00			07H	VS3	.580	ZPUMZ	226	H	X60
112	113	.90	56	PCT	15	P5	VS2	-.73			07H	VS3	.580	ZPUMZ	224	H	X60
112	113	.99	61	PCT	17	P5	VS3	.27			07H	VS3	.580	ZPUMZ	224	H	X60
116	113	.77	69	PCT	13	P3	08H	.97			07H	VS3	.580	ZPUMZ	224	H	X60
118	113	1.01	55	SAI		P3	04H	-.85		.70	04H	04H	.600	ZPAHZ	341	H	
118	113	.68	24	SAI		P2	04H	-.85		.70	04H	04H	.600	ZPAHZ	341	H	
126	113	.87	83	PCT	16	P5	BW1	1.53			07H	VS3	.580	ZPUMZ	259	H	X75
130	113	.65	96	PCT	12	P5	VS1	-.79			07H	VS3	.580	ZPUMZ	259	H	X75

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
138	113	.98	46	PCT	18	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	259	H	X75
140	113	1.14	36	SAI		P3	08C	.95		.20	08C	08C	.600	ZPAHZ	137	C	
140	113	.65	74	SAI		P2	08C	.95		.30	08C	08C	.600	ZPAHZ	137	C	
140	113	.68	107	PCT	12	P3	BW1	1.90			07H	VS3	.580	ZPUMZ	261	H	X75
144	113	.82	60	PCT	14	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	261	H	X75
154	113	.85	58	PCT	14	P3	08C	-.99			08C	08C	.600	ZPAHZ	21	C	DQA
154	113	1.07	79	PCT	17	P3	08C	.91			08C	08C	.600	ZPAHZ	21	C	DQA
154	113	.90	128	PCT	18	P2	VS7	-.73			TEH	TEC	.610	RBARD	106	C	
154	113	.75	111	PCT	16	P2	08C	.76			TEH	TEC	.610	RBARD	106	C	
154	113	1.30	72	PCT	19	P3	VS7	-.65			VS7	VS7	.580	ZPUFZ	135	C	
154	113	1.52	76	PCT	22	P3	VS7	-.10			VS7	VS7	.580	ZPUFZ	135	C	
154	113	.59	71	PCT	11	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	261	H	X75
154	113	1.29	66	PCT	22	P5	VS3	.87			07H	VS3	.580	ZPUMZ	261	H	X75
156	113	.56	88	PCT	10	P3	BW1	-1.68			07H	VS3	.580	ZPUMZ	301	H	X75
79	114	.91	79	PCT	14	P3	VS3	-.91			VS3	VS3	.580	ZPUFZ	190	H	
79	114	.68	73	PCT	11	P3	VS3	.85			VS3	VS3	.580	ZPUFZ	190	H	
101	114	1.14	60	PCT	18	P3	03C	1.08			03C	03C	.600	ZPAHZ	21	C	DQA
101	114	.54	86	PCT	15	P2	03C	.86			TEH	TEC	.610	RBARD	87	C	
101	114	.82	69	PCT	14	P3	08H	.92			07H	VS3	.580	ZPUMZ	225	H	X60
109	114	.54	137	PCT	15	P2	08H	.91			TEH	TEC	.610	RBARD	87	C	
109	114	1.02	82	PCT	17	P3	08H	.88			07H	VS3	.580	ZPUMZ	225	H	X60
111	114	.54	65	PCT	10	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	227	H	X60
113	114	.57	41	PCT	11	P3	08H	.96			07H	VS3	.580	ZPUMZ	225	H	X60
115	114	.47	78	PCT	14	P2	BW1	1.85			TEC	TEH	.610	RBARD	163	H	
115	114	1.33	100	PCT	22	P3	BW1	2.09			07H	VS3	.580	ZPUMZ	227	H	X60
119	114	.41	121	PCT	13	P2	BW1	1.93			TEC	TEH	.610	RBARD	163	H	
119	114	1.22	68	PCT	20	P3	BW1	1.46			07H	VS3	.580	ZPUMZ	227	H	X60
141	114	.85	54	PCT	15	P5	VS1	.72			07H	VS3	.580	ZPUMZ	260	H	X75
143	114	.79	61	PCT	13	P5	BW1	2.12			07H	VS3	.580	ZPUMZ	258	H	X75
145	114	.58	54	PCT	10	P3	08H	.98			07H	VS3	.580	ZPUMZ	260	H	X75
155	114	1.04	79	PCT	16	P3	02C	.91			02C	02C	.600	ZPAHZ	21	C	DQA
155	114	.79	77	PCT	14	P5	VS3	-.99			07H	VS3	.580	ZPUMZ	297	H	X75
56	115	.20	59	MCI		P4	TSH	-12.84		.20	TSH	TSH	.600	ZPAHZ	25	H	
56	115	.47	23	MCI		P2	TSH	-12.84		.20	TSH	TSH	.600	ZPAHZ	25	H	
56	115	.00	0	MCI		P2	TSH	.02		.00	TSH	TSH	.600	ZPAHZ	25	H	
56	115	.27	42	MCI		P4	TSH	.02		.30	TSH	TSH	.600	ZPAHZ	25	H	
78	115	1.87	5	BID		P1	02H	30.03			TEH	TEC	.610	RBARD	86	C	
78	115	1.01	19	SVI		P3	02H	29.67		.20	02H	03H	.600	ZPAHZ	111	H	NC
78	115																VID
108	115	.87	71	PCT	15	P3	08H	.85			07H	VS3	.580	ZPUMZ	226	H	X60
114	115	.94	61	PCT	16	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	224	H	X60
116	115	1.01	94	PCT	24	P2	09H	-1.12			TEC	TEH	.610	RBARD	164	H	
116	115	1.88	70	PCT	28	P3	09H	-1.25			07H	VS3	.580	ZPUMZ	226	H	X60
120	115	.59	60	PCT	11	P3	08H	.90			07H	VS3	.580	ZPUMZ	226	H	X60
124	115	.51	113	PCT	10	P3	09H	-.02			07H	VS3	.580	ZPUMZ	227	H	X60
126	115	1.12	73	PCT	19	P5	BW1	-2.10			07H	VS3	.580	ZPUMZ	259	H	X75
128	115	.60	77	PCT	11	P3	09H	-.06			07H	VS3	.580	ZPUMZ	259	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
132	115	.82	65	PCT	15	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	259	H	X75
134	115	.85	95	PCT	21	P2	VS1	1.25			TEC	TEH	.610	RBARD	156	H	
134	115	1.15	85	PCT	20	P5	VS1	.91			07H	VS3	.580	ZPUMZ	261	H	X75
136	115	1.11	81	PCT	17	P3	VS7	-1.06			VS7	VS7	.580	ZPUFZ	132	C	DQA
136	115	1.11	115	PCT	26	P2	VS1	.79			TEC	TEH	.610	RBARD	158	H	
136	115	.78	109	PCT	21	P2	VS7	-.93			TEC	TEH	.610	RBARD	158	H	
136	115	1.70	71	PCT	27	P5	VS1	.88			07H	VS3	.580	ZPUMZ	259	H	X75
136	115	.67	86	PCT	13	P5	VS3	-.07			07H	VS3	.580	ZPUMZ	259	H	X75
156	115	.62	74	PCT	11	P3	BW1	-1.29			07H	VS3	.580	ZPUMZ	301	H	X75
156	115	.85	71	PCT	14	P3	BW1	1.64			07H	VS3	.580	ZPUMZ	301	H	X75
156	115	.73	75	PCT	13	P5	VS1	.18			07H	VS3	.580	ZPUMZ	301	H	X75
47	116	.22	85	MCI		P4	TSH	.08		.20	TSH	TSH	.600	ZPAHZ	10	H	
47	116	.00	0	MCI		P2	TSH	.08		.00	TSH	TSH	.600	ZPAHZ	10	H	
47	116	.14	84	MCI		P4	TSH	.10		.20	TSH	TSH	.600	ZPAHZ	10	H	
47	116	.00	0	MCI		P2	TSH	.10		.00	TSH	TSH	.600	ZPAHZ	10	H	
67	116	.97	67	PCT	15	P3	BW1	-1.79			BW1	VS3	.580	ZPUFZ	190	H	
85	116	.90	65	PCT	14	P3	VS3	-.88			VS3	VS3	.580	ZPUFZ	190	H	
85	116	.70	62	PCT	11	P3	VS3	.70			VS3	VS3	.580	ZPUFZ	190	H	
103	116	.34	129	PCT	10	P2	BW1	1.75			TEH	TEC	.610	RBARD	87	C	
103	116	1.20	63	PCT	20	P5	BW1	1.65			07H	VS3	.580	ZPUMZ	225	H	X60
105	116	.72	88	PCT	13	P3	08H	.88			07H	VS3	.580	ZPUMZ	227	H	X60
105	116	1.51	69	PCT	24	P3	BW1	1.44			07H	VS3	.580	ZPUMZ	227	H	X60
107	116	.78	95	PCT	14	P3	08H	.90			07H	VS3	.580	ZPUMZ	225	H	X60
109	116	.58	128	PCT	16	P2	BW1	1.85			TEH	TEC	.610	RBARD	87	C	
109	116	1.93	83	PCT	28	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	227	H	X60
113	116	.44	73	PCT	13	P2	08H	-1.02			TEC	TEH	.610	RBARD	163	H	
113	116	1.09	98	PCT	18	P3	08H	-1.09			07H	VS3	.580	ZPUMZ	227	H	X60
113	116	.65	59	PCT	12	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	227	H	X60
115	116	.65	101	PCT	12	P3	08H	-.81			07H	VS3	.580	ZPUMZ	225	H	X60
115	116	.90	68	PCT	16	P3	08H	.79			07H	VS3	.580	ZPUMZ	225	H	X60
117	116	1.50	122	PCT	31	P2	09H	-1.00			TEC	TEH	.610	RBARD	165	H	
117	116	1.53	63	PCT	24	P3	09H	-.96			07H	VS3	.580	ZPUMZ	227	H	X60
117	116	.77	54	SAI		P5	VS2	.58		.50	07H	VS3	.580	ZPUMZ	227	H	X60
117	116	.38	127	SAI		P2	VS2	.58		.30	VS2	VS2	.580	ZPUFZ	323	H	
119	116	.97	82	PCT	17	P3	BW1	-1.95			07H	VS3	.580	ZPUMZ	225	H	X60
127	116	.43	63	PCT	14	P2	BW1	1.76			TEC	TEH	.610	RBARD	157	H	
127	116	.89	78	PCT	15	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	260	H	X75
143	116	.74	82	PCT	13	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	260	H	X75
145	116	.68	89	PCT	12	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	258	H	X75
147	116	1.20	68	PCT	19	P3	BW1	1.98			07H	VS3	.580	ZPUMZ	260	H	X75
149	116	.72	50	PCT	12	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	258	H	X75
151	116	.66	115	PCT	19	P2	VS1	-.14			TEC	TEH	.610	RBARD	157	H	
151	116	.91	78	PCT	15	P5	VS1	-.10			07H	VS3	.580	ZPUMZ	260	H	X75
60	117	.49	51	SVI		P3	07H	24.00		.30	07H	BW1	.580	ZPUFZ	190	H	NC
60	117																PIT
66	117	.38	155	PCT	11	P2	08C	.87			TEH	TEC	.610	RBARD	69	C	
70	117	1.02	60	PCT	16	P3	BW1	-1.86			BW1	VS3	.580	ZPUFZ	190	H	
70	117	.86	117	PCT	14	P3	BW1	1.40			BW1	VS3	.580	ZPUFZ	190	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
96	117	.88	52	SAI		P3	VS5	-.85		.30	VS5	VS5	.580	ZPUFZ	129	C	
96	117	.00	0	SAI		P2	VS5	-.85		.00	VS5	VS5	.580	ZPUFZ	129	C	DQA
98	117	.58	72	PCT	10	P3	08H	1.01			07H	VS3	.580	ZPUMZ	201	H	X45
102	117	.90	104	PCT	16	P3	08H	-.90			07H	VS3	.580	ZPUMZ	226	H	X60
102	117	.61	70	PCT	11	P3	08H	.84			07H	VS3	.580	ZPUMZ	226	H	X60
106	117	1.09	82	PCT	21	P2	08H	1.06			TEH	TEC	.610	RBARD	84	C	
106	117	.56	111	PCT	11	P3	08H	.92			07H	VS3	.580	ZPUMZ	226	H	X60
108	117	.54	62	PCT	12	P2	BW1	1.55			TEH	TEC	.610	RBARD	84	C	
108	117	.64	45	PCT	12	P3	08H	-.08			07H	VS3	.580	ZPUMZ	224	H	X60
108	117	.93	105	SVI	16	P5	BW1	.97		.40	07H	VS3	.580	ZPUMZ	224	H	TTW
108	117																X60
108	117	1.43	88	PCT	22	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	224	H	X60
112	117	1.18	38	PCT	19	P5	BW1	2.18			07H	VS3	.580	ZPUMZ	224	H	X60
114	117	.52	31	PCT	15	P2	BW1	1.75			TEC	TEH	.610	RBARD	156	H	
114	117	1.93	61	PCT	28	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	226	H	X60
120	117	1.44	61	PCT	22	P3	BW1	-2.14			07H	VS3	.580	ZPUMZ	224	H	X60
120	117	1.05	38	PCT	17	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	224	H	X60
132	117	.70	47	PCT	13	P3	BW1	-1.99			07H	VS3	.580	ZPUMZ	261	H	X75
132	117	.82	79	PCT	15	P5	VS1	.79			07H	VS3	.580	ZPUMZ	261	H	X75
140	117	.73	97	PCT	13	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	261	H	X75
140	117	.78	95	PCT	15	P5	VS1	.69			07H	VS3	.580	ZPUMZ	261	H	X75
144	117	.69	81	PCT	12	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	261	H	X75
146	117	.29	131	PCT	9	P2	BW1	.95			TEC	TEH	.610	RBARD	156	H	
146	117	.42	146	PCT	12	P2	VS1	-1.00			TEC	TEH	.610	RBARD	156	H	
146	117	.50	109	PCT	14	P2	VS1	.08			TEC	TEH	.610	RBARD	156	H	
146	117	.65	129	PCT	17	P2	VS1	1.03			TEC	TEH	.610	RBARD	156	H	
146	117	1.41	111	PCT	28	P2	VS3	-1.25			TEC	TEH	.610	RBARD	156	H	
146	117	1.07	77	PCT	18	P3	BW1	1.60			07H	VS3	.580	ZPUMZ	259	H	X75
146	117	.63	91	PCT	12	P5	VS1	-.74			07H	VS3	.580	ZPUMZ	259	H	X75
146	117	1.13	69	PCT	20	P5	VS1	.03			07H	VS3	.580	ZPUMZ	259	H	X75
146	117	1.04	78	PCT	19	P5	VS1	.65			07H	VS3	.580	ZPUMZ	259	H	X75
146	117	2.41	86	PCT	33	P5	VS3	-.76			07H	VS3	.580	ZPUMZ	259	H	X75
146	117	1.00	66	PCT	18	P5	VS3	.17			07H	VS3	.580	ZPUMZ	259	H	X75
146	117	.64	40	PCT	12	P5	VS3	.64			07H	VS3	.580	ZPUMZ	259	H	X75
148	117	.70	80	PCT	13	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	261	H	X75
150	117	.50	101	PCT	14	P2	BW1	1.77			TEC	TEH	.610	RBARD	156	H	
150	117	.68	77	PCT	12	P3	BW1	-1.67			07H	VS3	.580	ZPUMZ	259	H	X75
150	117	1.44	81	PCT	22	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	259	H	X75
152	117	.72	64	PCT	13	P3	BW1	-1.96			07H	VS3	.580	ZPUMZ	254	H	X75
154	117	1.52	77	PCT	22	P3	03C	.85			03C	03C	.600	ZPAHZ	21	C	DQA
17	118	.87	22	SAI		P3	TSH	-.11		.23	TSH	TSH	.600	ZPAHZ	12	H	
17	118	.21	14	SAI		P2	TSH	-.11		.13	TSH	TSH	.600	ZPAHZ	12	H	
17	118	1.08	55	MAI		P3	01H	-.35		.50	01H	01H	.600	ZPAHZ	308	H	
17	118	.99	20	MAI		P2	01H	-.35		.60	01H	01H	.600	ZPAHZ	308	H	
101	118	.36	110	PCT	12	P2	BW1	2.00			TEH	TEC	.610	RBARD	85	C	
101	118	1.52	66	PCT	24	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	225	H	X60
105	118	1.35	49	PCT	22	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	225	H	X60
107	118	.72	48	PCT	13	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	227	H	X60
115	118	.71	35	PCT	13	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	227	H	X60
119	118	.64	36	PCT	12	P3	09H	-.86			07H	VS3	.580	ZPUMZ	227	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
123	118	1.00	41	PCT	16	P5	VS1	.94			07H	VS3	.580	ZPUMZ	227	H	X60
145	118	1.30	67	SVI	24	P5	BW1	2.36		.80	07H	VS3	.580	ZPUMZ	252	H	TTW
145	118																X75
149	118	.78	96	PCT	14	P3	BW1	1.93			07H	VS3	.580	ZPUMZ	254	H	X75
151	118	.65	141	PCT	18	P2	VS3	-.91			TEC	TEH	.610	RBARD	157	H	
151	118	.81	95	PCT	14	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	254	H	X75
151	118	1.05	78	PCT	18	P5	VS3	-.79			07H	VS3	.580	ZPUMZ	254	H	X75
153	118	1.28	85	PCT	19	P3	BW2	1.97			BW2	VS5	.580	ZPUFZ	135	C	
153	118	.79	70	SVI	12	P3	BW2	2.54		.70	BW2	VS5	.580	ZPUFZ	135	C	TTW
58	119	.23	62	MCI		P4	TSH	.11		.20	TSH	TSH	.600	ZPAHZ	23	H	
58	119	.30	36	MCI		P2	TSH	.11		.10	TSH	TSH	.600	ZPAHZ	23	H	
58	119	.19	88	MCI		P4	TSH	.12		.20	TSH	TSH	.600	ZPAHZ	23	H	
58	119	.28	80	MCI		P2	TSH	.12		.10	TSH	TSH	.600	ZPAHZ	23	H	
64	119	.77	56	PCT	12	P3	BW1	-1.85			07H	VS3	.580	ZPUFZ	190	H	
70	119	.66	89	PCT	17	P2	VS3	-.86			TEH	TEC	.610	RBARD	69	C	
70	119	1.33	83	PCT	20	P3	VS3	-.83			VS3	VS3	.580	ZPUFZ	190	H	
76	119	.71	134	PCT	15	P2	VS3	-.82			TEH	TEC	.610	RBARD	84	C	
76	119	1.45	108	PCT	26	P2	VS5	-.77			TEH	TEC	.610	RBARD	84	C	
76	119	.54	138	PCT	12	P2	VS5	.97			TEH	TEC	.610	RBARD	84	C	
76	119	1.66	72	PCT	23	P3	VS5	-.88			VS5	VS5	.580	ZPUFZ	129	C	
76	119	.82	63	PCT	13	P3	VS5	.91			VS5	VS5	.580	ZPUFZ	129	C	DQA
76	119	1.08	66	PCT	17	P3	VS3	-.82			VS3	VS3	.580	ZPUFZ	190	H	
88	119	.96	91	PCT	15	P3	BW1	1.83			BW1	VS3	.580	ZPUFZ	190	H	
92	119	.92	77	PCT	16	P3	08H	.90			08H	08H	.600	ZPAHZ	111	H	
100	119	.34	14	PCT	8	P2	BW1	1.91			TEH	TEC	.610	RBARD	84	C	
100	119	1.19	94	PCT	19	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	224	H	X60
102	119	.32	104	PCT	8	P2	BW1	1.91			TEH	TEC	.610	RBARD	84	C	
102	119	1.45	83	PCT	22	P5	BW1	2.19			07H	VS3	.580	ZPUMZ	224	H	X60
104	119	1.66	72	PCT	25	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	226	H	X60
108	119	.71	141	PCT	15	P2	08H	.88			TEH	TEC	.610	RBARD	84	C	
108	119	.69	56	PCT	13	P3	08H	.88			07H	VS3	.580	ZPUMZ	226	H	X60
110	119	.66	117	PCT	12	P3	08H	.95			07H	VS3	.580	ZPUMZ	224	H	X60
118	119	.87	56	PCT	15	P3	BW1	-1.98			07H	VS3	.580	ZPUMZ	224	H	X60
122	119	.55	50	PCT	10	P3	BW1	-1.86			07H	VS3	.580	ZPUMZ	224	H	X60
122	119	.58	79	PCT	11	P5	VS1	1.19			07H	VS3	.580	ZPUMZ	224	H	X60
142	119	.59	139	PCT	16	P2	VS1	1.06			TEC	TEH	.610	RBARD	156	H	
142	119	.68	79	PCT	12	P5	VS1	.98			07H	VS3	.580	ZPUMZ	253	H	X75
142	119	.83	71	PCT	15	P5	VS1	.99			07H	VS3	.580	ZPUMZ	253	H	X75
144	119	.62	73	PCT	11	P3	09H	-.08			07H	VS3	.580	ZPUMZ	255	H	X75
146	119	.82	66	PCT	15	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	253	H	X75
150	119	.85	89	PCT	14	P3	06C	-.07			06C	06C	.600	ZPAHZ	21	C	DQA
150	119	.80	99	PCT	13	P3	04C	-.97			04C	04C	.600	ZPAHZ	21	C	DQA
150	119	.94	90	PCT	15	P3	04C	-.10			04C	04C	.600	ZPAHZ	21	C	DQA
152	119	.67	67	PCT	12	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	254	H	X75
27	120	.35	101	SAI		P2	02H	.10		.20	02H	02H	.600	ZPAHZ	332	H	
27	120	.50	92	SAI		P3	02H	.10		.20	02H	02H	.600	ZPAHZ	332	H	
39	120	.53	43	SCI		P4	TSH	-12.94		.30	TSH	TSH	.600	ZPAHZ	10	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
39	120	.77	35	SCI		P2	TSH	-12.94		.20	TSH	TSH	.600	ZPAHZ	10	H	
47	120	1.71	41	MCI		P4	TSH	-11.04		.30	TSH	TSH	.600	ZPAHZ	10	H	
47	120	2.12	39	MCI		P2	TSH	-11.04		.20	TSH	TSH	.600	ZPAHZ	10	H	
47	120	.00	0	MCI		P2	TSH	-10.50		.00	TSH	TSH	.600	ZPAHZ	10	H	
47	120	.19	41	MCI		P4	TSH	-10.50		.30	TSH	TSH	.600	ZPAHZ	10	H	
71	120	.24	40	MCI		P4	TSH	-13.88		.30	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.39	40	MCI		P2	TSH	-13.88		.20	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.70	40	MCI		P4	TSH	-13.29		.30	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.80	43	MCI		P2	TSH	-13.29		.20	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.49	24	MCI		P2	TSH	-12.69		.30	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.34	52	MCI		P4	TSH	-12.69		.40	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.22	142	MCI		P2	TSH	-11.60		.20	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.24	42	MCI		P4	TSH	-11.60		.30	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.29	51	MCI		P4	TSH	-11.00		.30	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.33	34	MCI		P2	TSH	-11.00		.20	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.22	123	MCI		P2	TSH	-10.01		.20	TSH	TSH	.600	ZPAHZ	24	H	
71	120	.20	93	MCI		P4	TSH	-10.01		.50	TSH	TSH	.600	ZPAHZ	24	H	
91	120	1.04	72	PCT	16	P3	BW1	2.03			BW1	VS3	.580	ZPUFZ	190	H	
95	120	.62	40	PCT	12	P3	08H	.90			07H	VS3	.580	ZPUMZ	201	H	X45
95	120	.88	49	PCT	16	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	201	H	X45
99	120	.63	43	PCT	12	P3	07H	-.11			07H	VS3	.580	ZPUMZ	202	H	X45
99	120	.83	33	PCT	15	P3	08H	.84			07H	VS3	.580	ZPUMZ	202	H	X45
99	120	1.02	52	PCT	17	P3	BW1	1.51			07H	VS3	.580	ZPUMZ	202	H	X45
99	120	.76	44	SVI	12	P3	BW1	2.95		.50	07H	VS3	.580	ZPUMZ	202	H	TTW
99	120																X45
101	120	.50	116	PCT	15	P2	VS2	1.09			TEH	TEC	.610	RBARD	85	C	
101	120	.61	62	PCT	12	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	225	H	X60
101	120	1.14	77	PCT	19	P5	VS2	.88			07H	VS3	.580	ZPUMZ	225	H	X60
103	120	.69	125	PCT	19	P2	08H	.99			TEH	TEC	.610	RBARD	85	C	
103	120	1.06	71	PCT	18	P3	08H	.90			07H	VS3	.580	ZPUMZ	225	H	X60
103	120	.83	60	PCT	15	P3	08H	.90			07H	VS3	.580	ZPUMZ	225	H	X60
105	120	1.61	92	PCT	25	P3	BW1	1.51			07H	VS3	.580	ZPUMZ	227	H	X60
107	120	.67	118	PCT	19	P2	08H	.98			TEH	TEC	.610	RBARD	85	C	
107	120	1.47	81	PCT	23	P3	08H	.87			07H	VS3	.580	ZPUMZ	225	H	X60
109	120	.51	37	PCT	10	P3	08H	.68			07H	VS3	.580	ZPUMZ	227	H	X60
113	120	.56	50	PCT	10	P5	VS2	-.89			07H	VS3	.580	ZPUMZ	227	H	X60
117	120	.32	136	PCT	11	P2	BW1	1.83			TEC	TEH	.610	RBARD	159	H	
117	120	1.13	73	PCT	19	P3	BW1	-2.03			07H	VS3	.580	ZPUMZ	227	H	X60
117	120	1.49	63	PCT	23	P3	BW1	1.95			07H	VS3	.580	ZPUMZ	227	H	X60
123	120	1.06	67	PCT	18	P3	09H	-.10			07H	VS3	.580	ZPUMZ	225	H	X60
123	120	.94	54	PCT	16	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	225	H	X60
123	120	.92	102	PCT	16	P5	VS2	.59			07H	VS3	.580	ZPUMZ	225	H	X60
125	120	.79	54	PCT	13	P5	BW1	-.98			07H	VS3	.580	ZPUMZ	252	H	X75
125	120	1.09	54	PCT	17	P5	BW1	1.65			07H	VS3	.580	ZPUMZ	252	H	X75
151	120	1.52	75	PCT	22	P3	04C	-1.00			04C	04C	.600	ZPAHZ	21	C	DQA
151	120	1.54	78	PCT	22	P3	04C	-.13			04C	04C	.600	ZPAHZ	21	C	DQA
151	120	1.05	100	PCT	25	P2	04C	-.99			TEC	TEH	.610	RBARD	157	H	
151	120	1.99	108	PCT	35	P2	04C	-.08			TEC	TEH	.610	RBARD	157	H	
153	120	1.10	89	PCT	17	P3	03C	-1.00			03C	03C	.600	ZPAHZ	21	C	DQA
80	121	1.22	123	PCT	23	P2	VS3	-.84			TEH	TEC	.610	RBARD	84	C	
80	121	1.61	108	PCT	27	P2	VS5	.94			TEH	TEC	.610	RBARD	84	C	
80	121	2.07	65	PCT	27	P3	VS5	1.05			VS5	VS5	.580	ZPUFZ	129	C	DQA
80	121	1.79	78	PCT	25	P3	VS3	-.89			VS3	VS3	.580	ZPUFZ	190	H	
80	121	.60	66	PCT	10	P3	VS3	-.19			VS3	VS3	.580	ZPUFZ	190	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
88	121	1.11	89	PCT	17	P3	BW1	1.86			BW1	VS3	.580	ZPUFZ	190	H	
92	121	.92	71	PCT	16	P3	08H	1.07			08H	08H	.600	ZPAHZ	114	H	
94	121	.55	152	PCT	12	P2	08H	.96			TEH	TEC	.610	RBARD	84	C	
94	121	.66	50	PCT	12	P3	08H	.96			07H	VS3	.580	ZPUMZ	201	H	X45
96	121	1.00	94	PCT	16	P3	02C	.89			02C	02C	.600	ZPAHZ	21	C	DQA
96	121	.70	121	PCT	15	P2	08H	.96			TEH	TEC	.610	RBARD	84	C	
96	121	1.24	72	PCT	19	P3	08H	.92			07H	VS3	.580	ZPUMZ	201	H	X45
96	121	1.09	63	PCT	17	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	201	H	X45
98	121	.47	92	PCT	11	P2	08H	.96			TEH	TEC	.610	RBARD	84	C	
98	121	.67	77	PCT	12	P3	08H	1.01			07H	VS3	.580	ZPUMZ	201	H	X45
100	121	.85	48	PCT	15	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	224	H	X60
102	121	.79	123	PCT	17	P2	08H	.91			TEH	TEC	.610	RBARD	84	C	
102	121	.70	99	PCT	13	P3	08H	.95			07H	VS3	.580	ZPUMZ	226	H	X60
102	121	.67	89	PCT	12	P3	08H	.99			07H	VS3	.580	ZPUMZ	226	H	X60
104	121	.56	27	PCT	13	P2	07H	.93			TEH	TEC	.610	RBARD	84	C	
104	121	.59	75	PCT	13	P2	08H	1.06			TEH	TEC	.610	RBARD	84	C	
104	121	.61	39	PCT	11	P3	08H	-.09			07H	VS3	.580	ZPUMZ	224	H	X60
104	121	1.26	78	PCT	20	P3	08H	.93			07H	VS3	.580	ZPUMZ	224	H	X60
106	121	.59	129	PCT	13	P2	08H	.93			TEH	TEC	.610	RBARD	84	C	
106	121	.41	55	SAI		P5	VS5	-.65		.50	07C	VS5	.580	ZPUMZ	120	C	X60
106	121	.00	0	SAI		P2	VS5	-.65		.00	VS5	VS5	.580	ZPUFZ	131	C	
106	121	.90	85	PCT	16	P3	08H	.92			07H	VS3	.580	ZPUMZ	226	H	X60
106	121	1.04	86	SVI	17	P5	BW1	1.91		2.20	07H	VS3	.580	ZPUMZ	226	H	TTW
106	121																X60
108	121	.68	150	PCT	15	P2	08H	1.01			TEH	TEC	.610	RBARD	84	C	
108	121	1.43	80	PCT	23	P3	08H	.90			07H	VS3	.580	ZPUMZ	224	H	X60
108	121	.95	80	MVI	16	P5	BW1	.53		1.20	07H	VS3	.580	ZPUMZ	224	H	TTW
108	121																X60
108	121	1.48	75	MVI	22	P5	BW1	2.18		1.20	07H	VS3	.580	ZPUMZ	224	H	PID
108	121																TTW
108	121																X60
112	121	.68	71	PCT	12	P3	08H	.96			07H	VS3	.580	ZPUMZ	224	H	X60
112	121	1.02	89	SVI	17	P5	BW1	1.59		.70	07H	VS3	.580	ZPUMZ	224	H	TTW
112	121																X60
114	121	.45	96	PCT	14	P2	BW1	1.75			TEC	TEH	.610	RBARD	158	H	
114	121	1.30	78	PCT	21	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	226	H	X60
116	121	.60	70	PCT	11	P3	08H	.97			07H	VS3	.580	ZPUMZ	224	H	X60
122	121	.68	47	PCT	11	P5	BW2	1.79			07C	VS5	.580	ZPUMZ	120	C	X60
122	121	.64	99	PCT	11	P5	BW1	2.12			07H	VS3	.580	ZPUMZ	226	H	X60
130	121	.71	80	PCT	20	P2	VS1	.63			TEC	TEH	.610	RBARD	158	H	
130	121	1.85	73	PCT	28	P5	VS1	.91			07H	VS3	.580	ZPUMZ	253	H	X75
132	121	.48	89	PCT	9	P3	09H	.95			07H	VS3	.580	ZPUMZ	255	H	X75
144	121	.55	54	PCT	10	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	255	H	X75
150	121	1.41	76	PCT	21	P3	BW2	1.81			BW2	VS5	.580	ZPUFZ	135	C	
152	121	2.80	72	PCT	34	P3	VS5	-.89			BW2	VS5	.580	ZPUFZ	135	C	
152	121	2.15	68	PCT	28	P3	BW2	1.94			BW2	VS5	.580	ZPUFZ	135	C	
152	121	.69	86	PCT	11	P3	02C	.91			02C	02C	.600	ZPAHZ	137	C	
152	121	.49	110	PCT	15	P2	VS1	-.83			TEC	TEH	.610	RBARD	159	H	
152	121	.29	95	PCT	10	P2	VS3	-.73			TEC	TEH	.610	RBARD	159	H	
152	121	1.97	109	PCT	35	P2	VS5	-.85			TEC	TEH	.610	RBARD	159	H	
152	121	.28	135	PCT	10	P2	VS7	-.87			TEC	TEH	.610	RBARD	159	H	
152	121	.61	119	PCT	18	P2	BW2	1.73			TEC	TEH	.610	RBARD	159	H	
152	121	.88	69	PCT	16	P5	VS1	-.72			07H	VS3	.580	ZPUMZ	255	H	X75
152	121	.60	99	PCT	11	P5	VS3	-.63			07H	VS3	.580	ZPUMZ	255	H	X75

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
47	122	2.17	40	MCI		P4	TSH	-14.92		.30	TSH	TSH	.600	ZPAHZ	10	H	
47	122	2.70	44	MCI		P2	TSH	-14.92		.30	TSH	TSH	.600	ZPAHZ	10	H	
47	122	1.56	46	MCI		P4	TSH	-14.12		.30	TSH	TSH	.600	ZPAHZ	10	H	
47	122	2.12	43	MCI		P2	TSH	-14.12		.20	TSH	TSH	.600	ZPAHZ	10	H	
47	122	4.41	26	MCI		P2	TEH	.17		.52	TEH	TSH	.600	ZPAHZ	53	H	
47	122	1.83	34	MCI		P4	TEH	.17		.40	TEH	TSH	.600	ZPAHZ	53	H	
81	122	1.34	135	PCT	29	P2	VS3	.90			TEH	TEC	.610	RBARD	85	C	
81	122	1.83	84	PCT	26	P3	VS3	.90			VS3	VS3	.580	ZPUFZ	190	H	
87	122	1.28	65	PCT	19	P3	VS2	-.89			VS2	VS2	.580	ZPUFZ	190	H	
95	122	.40	96	PCT	13	P2	08H	-.12			TEH	TEC	.610	RBARD	85	C	
95	122	.71	55	PCT	13	P3	08H	-.14			07H	VS3	.580	ZPUMZ	202	H	X45
95	122	.82	65	PCT	15	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	202	H	X45
97	122	.46	50	PCT	14	P2	08H	.94			TEH	TEC	.610	RBARD	85	C	
97	122	.73	41	SAI		P5	VS5	-.55		.30	07C	VS5	.580	ZPUMZ	116	C	X45
97	122	.00	0	SAI		P2	VS5	-.55		.00	VS5	VS5	.580	ZPUFZ	131	C	
97	122	.52	71	PCT	10	P3	08H	.91			07H	VS3	.580	ZPUMZ	202	H	X45
101	122	.45	102	PCT	14	P2	08H	.99			TEH	TEC	.610	RBARD	85	C	
101	122	.58	88	PCT	11	P3	08H	.96			07H	VS3	.580	ZPUMZ	225	H	X60
103	122	.72	68	PCT	13	P3	08H	-.98			07H	VS3	.580	ZPUMZ	227	H	X60
105	122	.42	98	SAI		P5	VS5	1.04		.30	07C	VS5	.580	ZPUMZ	120	C	X60
105	122	.85	82	SAI		P5	VS6	.89		.20	07C	VS5	.580	ZPUMZ	120	C	X60
105	122	.00	0	SAI		P2	VS5	1.04		.00	VS5	VS5	.580	ZPUFZ	131	C	
105	122	.00	0	SAI		P2	VS6	.89		.00	VS6	VS6	.580	ZPUFZ	131	C	
107	122	.84	105	PCT	15	P3	08H	.85			07H	VS3	.580	ZPUMZ	227	H	X60
107	122	.64	52	PCT	12	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	227	H	X60
111	122	.65	54	PCT	12	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	227	H	X60
115	122	.48	42	PCT	15	P2	BW1	1.78			TEC	TEH	.610	RBARD	159	H	
115	122	1.69	67	PCT	26	P3	BW1	1.76			07H	VS3	.580	ZPUMZ	227	H	X60
123	122	.78	108	PCT	14	P3	BW1	2.03			07H	VS3	.580	ZPUMZ	227	H	X60
133	122	.44	37	SVI		P3	02C	7.37		.30	02C	03C	.600	ZPAHZ	20	C	DQA
133	122																NC
133	122																PIT
135	122	.79	86	PCT	13	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	252	H	X75
145	122	.72	84	PCT	13	P5	BW1	1.80			07H	VS3	.580	ZPUMZ	254	H	X75
149	122	1.22	55	PCT	18	P3	BW2	1.85			BW2	VS5	.580	ZPUFZ	135	C	
149	122	.49	122	PCT	15	P2	BW2	1.76			TEC	TEH	.610	RBARD	157	H	
151	122	.93	85	PCT	15	P3	03C	.80			03C	03C	.600	ZPAHZ	21	C	DQA
151	122	.71	125	PCT	20	P2	03C	.83			TEC	TEH	.610	RBARD	159	H	
22	123	.66	87	SAI		P2	TSH	-.39		.20	TSH	TSH	.600	ZPAHZ	10	H	
22	123	1.25	56	SAI		P3	TSH	-.39		.20	TSH	TSH	.600	ZPAHZ	10	H	
72	123	.73	61	PCT	12	P3	VS5	.58			VS5	VS5	.580	ZPUFZ	129	C	DQA
80	123	.62	83	PCT	10	P3	VS3	-.86			VS3	VS3	.580	ZPUFZ	190	H	
92	123	.53	60	PCT	10	P3	BW1	1.98			07H	VS3	.580	ZPUMZ	201	H	X45
100	123	.62	119	PCT	11	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	224	H	X60
102	123	.46	95	PCT	14	P2	08H	-.10			TEH	TEC	.610	RBARD	85	C	
102	123	.75	99	PCT	21	P2	08H	1.01			TEH	TEC	.610	RBARD	85	C	
102	123	.59	57	PCT	11	P3	07H	1.06			07H	VS3	.580	ZPUMZ	224	H	X60
102	123	.72	75	PCT	13	P3	08H	-1.00			07H	VS3	.580	ZPUMZ	224	H	X60
102	123	.77	71	PCT	13	P3	08H	-.13			07H	VS3	.580	ZPUMZ	224	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
102	123	1.48	78	PCT	23	P3	08H	.94			07H	VS3	.580	ZPUMZ	224	H	X60
106	123	1.20	72	PCT	19	P5	BW1	1.72			07H	VS3	.580	ZPUMZ	224	H	X60
108	123	.68	55	PCT	12	P3	08H	-.90			07H	VS3	.580	ZPUMZ	226	H	X60
108	123	.81	69	PCT	14	P3	08H	.75			07H	VS3	.580	ZPUMZ	226	H	X60
112	123	.52	77	PCT	16	P2	08H	.96			TEH	TEC	.610	RBARD	85	C	
112	123	.70	75	PCT	13	P3	08H	.91			07H	VS3	.580	ZPUMZ	226	H	X60
124	123	.93	86	PCT	16	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	220	H	X60
132	123	.79	64	PCT	14	P5	BW1	-2.06			07H	VS3	.580	ZPUMZ	253	H	X75
132	123	.98	87	MAI		P5	BW1	2.35		.90	07H	VS3	.580	ZPUMZ	253	H	X75
132	123	1.14	82	MAI		P5	VS1	.55		.80	07H	VS3	.580	ZPUMZ	253	H	X75
132	123	.56	98	MAI		P5	VS1	.99		.20	07H	VS3	.580	ZPUMZ	253	H	X75
132	123	.52	97	MAI		P2	BW1	2.35		.40	BW1	VS1	.580	ZPUFZ	325	H	
132	123	.44	111	MAI		P2	VS1	.55		.80	BW1	VS1	.580	ZPUFZ	325	H	
132	123	.39	57	MAI		P2	VS1	.99		.40	BW1	VS1	.580	ZPUFZ	325	H	
138	123	.53	41	SAI		P5	VS1	.77		.40	07H	VS3	.580	ZPUMZ	255	H	X75
138	123	.00	0	SAI		P2	VS1	.77		.00	VS1	VS1	.580	ZPUFZ	325	H	
144	123	1.06	71	PCT	19	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	253	H	X75
148	123	.58	66	PCT	10	P3	03C	.87			03C	03C	.600	ZPAHZ	21	C	DQA
148	123	.63	48	SAI		P3	02H	-.85		.20	02H	02H	.600	ZPAHZ	310	H	
148	123	.41	83	SAI		P2	02H	-.85		.30	02H	02H	.600	ZPAHZ	310	H	
150	123	1.25	79	PCT	19	P3	BW2	-1.87			BW2	VS5	.580	ZPUFZ	135	C	
152	123	.51	116	PCT	15	P2	VS1	.80			TEC	TEH	.610	RBARD	159	H	
152	123	.73	75	PCT	13	P5	VS1	.85			07H	VS3	.580	ZPUMZ	255	H	X75
15	124	.87	59	PCT	15	P3	07H	-.01			07H	07H	.600	ZPAHZ	120	H	
49	124	1.22	45	MCI		P2	TSH	-11.67		.10	TSH	TSH	.600	ZPAHZ	9	H	
49	124	.96	42	MCI		P4	TSH	-11.67		.20	TSH	TSH	.600	ZPAHZ	9	H	
49	124	.63	41	MCI		P2	TSH	-11.07		.10	TSH	TSH	.600	ZPAHZ	9	H	
49	124	.32	44	MCI		P4	TSH	-11.07		.20	TSH	TSH	.600	ZPAHZ	9	H	
71	124	.22	29	SAI		P2	VS5	.45		.20	VS5	VS5	.580	ZPUFZ	129	C	DQA
71	124	.71	101	SAI		P3	VS5	.45		.30	VS5	VS5	.580	ZPUFZ	129	C	
89	124	.44	123	PCT	10	P2	08H	.96			TEH	TEC	.610	RBARD	84	C	
89	124	.62	98	PCT	12	P3	08H	1.05			08H	08H	.600	ZPAHZ	114	H	
95	124	.87	84	PCT	13	P5	VS3	.71			07H	VS3	.580	ZPUMZ	202	H	X45
99	124	.77	89	PCT	21	P2	08H	.92			TEH	TEC	.610	RBARD	85	C	
99	124	.76	99	PCT	14	P3	08H	.83			07H	VS3	.580	ZPUMZ	202	H	X45
101	124	.45	67	PCT	11	P2	BW1	1.92			TEH	TEC	.610	RBARD	84	C	
101	124	1.99	70	PCT	29	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	225	H	X60
103	124	7.88	5	BID		P1	05H	22.22			TEH	TEC	.610	RBARD	85	C	
103	124	.72	113	PCT	20	P2	08H	.99			TEH	TEC	.610	RBARD	85	C	
103	124	.99	80	PCT	17	P3	08H	.95			07H	VS3	.580	ZPUMZ	225	H	X60
105	124	.41	153	PCT	10	P2	08H	.96			TEH	TEC	.610	RBARD	84	C	
105	124	.86	58	PCT	15	P3	08H	.79			07H	VS3	.580	ZPUMZ	227	H	X60
105	124	.57	60	SVI	11	P5	BW1	3.57		.70	07H	VS3	.580	ZPUMZ	227	H	TTW
105	124																X60
109	124	1.20	125	PCT	23	P2	VS2	1.00			TEH	TEC	.610	RBARD	84	C	
109	124	1.90	90	PCT	27	P5	VS2	.87			07H	VS3	.580	ZPUMZ	227	H	X60
115	124	1.18	51	PCT	19	P3	BW1	2.15			07H	VS3	.580	ZPUMZ	225	H	X60
117	124	1.02	88	PCT	17	P3	BW1	-1.83			07H	VS3	.580	ZPUMZ	227	H	X60
117	124	1.26	67	PCT	21	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	227	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
119	124	.55	70	PCT	11	P3	BW1	-1.94			07H	VS3	.580	ZPUMZ	219	H	X60
123	124	.69	115	PCT	13	P5	VS1	.84			07H	VS3	.580	ZPUMZ	219	H	X60
127	124	.39	73	PCT	13	P2	BW1	1.74			TEC	TEH	.610	RBARD	159	H	
127	124	1.21	98	PCT	20	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	254	H	X75
135	124	.58	55	PCT	11	P5	BW1	-1.79			07H	VS3	.580	ZPUMZ	254	H	X75
135	124	.70	89	PCT	12	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	254	H	X75
151	124	1.11	84	PCT	17	P3	04C	-.07			04C	04C	.600	ZPAHZ	21	C	DQA
151	124	.90	103	PCT	23	P2	04C	-.13			TEC	TEH	.610	RBARD	159	H	
80	125	.69	78	PCT	11	P3	VS3	.96			VS3	VS3	.580	ZPUFZ	190	H	
82	125	.52	116	PCT	16	P2	VS3	-.73			TEH	TEC	.610	RBARD	85	C	
82	125	1.09	59	PCT	17	P3	VS3	-.62			VS3	VS3	.580	ZPUFZ	190	H	
84	125	.95	126	PCT	19	P2	VS5	-.67			TEH	TEC	.610	RBARD	84	C	
84	125	.93	138	PCT	19	P2	VS5	1.01			TEH	TEC	.610	RBARD	84	C	
84	125	1.28	75	PCT	19	P3	VS5	-.92			VS5	VS5	.580	ZPUFZ	129	C	
84	125	1.63	71	PCT	23	P3	VS5	.85			VS5	VS5	.580	ZPUFZ	129	C	DQA
92	125	.66	57	PCT	12	P3	08H	-.04			07H	VS3	.580	ZPUMZ	202	H	X45
92	125	.87	57	PCT	16	P3	08H	.90			07H	VS3	.580	ZPUMZ	202	H	X45
94	125	.55	74	PCT	17	P2	08H	.93			TEH	TEC	.610	RBARD	85	C	
94	125	.71	36	PCT	13	P3	08H	.81			07H	VS3	.580	ZPUMZ	201	H	X45
96	125	.64	73	PCT	18	P2	08H	.94			TEH	TEC	.610	RBARD	85	C	
96	125	.97	63	PCT	17	P3	08H	.84			07H	VS3	.580	ZPUMZ	201	H	X45
100	125	.79	95	PCT	17	P2	BW1	1.75			TEH	TEC	.610	RBARD	84	C	
100	125	2.21	90	PCT	30	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	218	H	X60
102	125	.46	111	PCT	14	P2	08H	1.01			TEH	TEC	.610	RBARD	85	C	
102	125	.41	103	PCT	13	P2	BW1	1.82			TEH	TEC	.610	RBARD	85	C	
102	125	.88	107	PCT	15	P3	08H	.91			07H	VS3	.580	ZPUMZ	220	H	X60
102	125	1.24	82	PCT	19	P5	BW1	1.65			07H	VS3	.580	ZPUMZ	220	H	X60
104	125	.99	84	PCT	17	P3	08H	.88			07H	VS3	.580	ZPUMZ	218	H	X60
108	125	.79	63	PCT	14	P3	08H	.94			07H	VS3	.580	ZPUMZ	218	H	X60
112	125	.90	50	PCT	15	P5	VS2	-1.00			07H	VS3	.580	ZPUMZ	218	H	X60
114	125	1.32	69	PCT	27	P2	BW1	1.88			TEC	TEH	.610	RBARD	156	H	
114	125	1.41	69	PCT	22	P5	BW1	1.43			07H	VS3	.580	ZPUMZ	220	H	X60
114	125	1.71	57	SVI	25	P5	BW1	1.94		.20	07H	VS3	.580	ZPUMZ	220	H	PID
114	125																TTW
114	125																X60
126	125	.44	61	PCT	13	P2	09H	.81			TEC	TEH	.610	RBARD	156	H	
126	125	.77	52	PCT	14	P3	09H	.89			07H	VS3	.580	ZPUMZ	253	H	X75
126	125	.87	62	PCT	16	P5	BW1	-2.12			07H	VS3	.580	ZPUMZ	253	H	X75
138	125	.71	108	SAI		P5	VS1	-.82		.40	07H	VS3	.580	ZPUMZ	253	H	X75
138	125	.44	84	SAI		P2	VS1	-.82		.50	VS1	VS1	.580	ZPUFZ	325	H	
140	125	.44	97	PCT	14	P2	BW1	1.75			TEC	TEH	.610	RBARD	158	H	
140	125	1.17	77	PCT	19	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	255	H	X75
140	125	.59	25	SAI		P5	VS1	.85		.20	07H	VS3	.580	ZPUMZ	255	H	X75
140	125	.00	0	SAI		P2	VS1	.85		.00	VS1	VS1	.580	ZPUFZ	325	H	
148	125	1.07	70	PCT	17	P3	03C	-.97			03C	03C	.600	ZPAHZ	21	C	DQA
148	125	.78	90	PCT	13	P3	03C	.91			03C	03C	.600	ZPAHZ	21	C	DQA
148	125	.57	39	PCT	17	P2	03C	-.99			TEC	TEH	.610	RBARD	158	H	
73	126	.57	133	PCT	10	P3	08H	1.04			08H	08H	.600	ZPAHZ	310	H	
79	126	.87	91	PCT	14	P3	VS3	-.83			VS3	VS3	.580	ZPUFZ	190	H	
79	126	.94	87	PCT	15	P3	VS3	.89			VS3	VS3	.580	ZPUFZ	190	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
85	126	.56	90	PCT	10	P3	08H	.99			08H	08H	.600	ZPAHZ	310	H	
87	126	.67	88	PCT	19	P2	VS2	-.89			TEH	TEC	.610	RBARD	85	C	
87	126	1.00	81	PCT	16	P3	VS2	-.91			VS2	VS2	.580	ZPUFZ	190	H	
87	126	.61	85	PCT	10	P3	VS2	-.67			VS2	VS2	.580	ZPUFZ	190	H	
89	126	.45	24	PCT	9	P3	08H	.92			07H	VS3	.580	ZPUMZ	201	H	X45
95	126	.78	113	PCT	16	P2	08H	.98			TEH	TEC	.610	RBARD	84	C	
95	126	1.07	53	PCT	18	P3	08H	.87			07H	VS3	.580	ZPUMZ	202	H	X45
95	126	.90	76	PCT	16	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	202	H	X45
95	126	.55	14	SVI		P5	VS2	7.90		.20	07H	VS3	.580	ZPUMZ	202	H	NC
95	126																VID
95	126																X45
97	126	1.26	105	PCT	28	P2	08H	.99			TEH	TEC	.610	RBARD	85	C	
97	126	1.32	81	PCT	21	P3	08H	.87			07H	VS3	.580	ZPUMZ	202	H	X45
97	126	1.22	82	PCT	20	P3	08H	.87			07H	VS3	.580	ZPUMZ	202	H	X45
99	126	.44	70	PCT	10	P2	07H	.93			TEH	TEC	.610	RBARD	84	C	
99	126	.96	99	PCT	19	P2	08H	-.07			TEH	TEC	.610	RBARD	84	C	
99	126	.60	122	PCT	13	P2	08H	.88			TEH	TEC	.610	RBARD	84	C	
99	126	.63	45	PCT	12	P3	07H	1.02			07H	VS3	.580	ZPUMZ	202	H	X45
99	126	.77	68	PCT	14	P3	08H	-.90			07H	VS3	.580	ZPUMZ	202	H	X45
99	126	.93	62	PCT	16	P3	08H	-.08			07H	VS3	.580	ZPUMZ	202	H	X45
99	126	1.23	66	PCT	21	P3	08H	.86			07H	VS3	.580	ZPUMZ	202	H	X45
99	126	.85	92	SVI	15	P3	BW1	3.80		1.40	07H	VS3	.580	ZPUMZ	202	H	TTW
99	126																X45
99	126	.84	72	PCT	16	P5	VS2	.89			07H	VS3	.580	ZPUMZ	202	H	X45
101	126	.64	37	SVI		P3	01C	24.22		.20	01C	02C	.600	ZPAHZ	21	C	DQA
101	126																NC
101	126																PIT
101	126	1.04	121	PCT	25	P2	08H	.96			TEH	TEC	.610	RBARD	85	C	
101	126	1.33	44	PCT	22	P3	08H	.79			07H	VS3	.580	ZPUMZ	219	H	X60
101	126	1.40	88	PCT	23	P3	08H	.83			07H	VS3	.580	ZPUMZ	219	H	X60
101	126	2.18	44	SVI	30	P5	BW1	2.03		1.20	07H	VS3	.580	ZPUMZ	219	H	PID
101	126																TTW
101	126																X60
107	126	.44	106	PCT	14	P2	VS2	.90			TEH	TEC	.610	RBARD	85	C	
107	126	.79	56	PCT	15	P5	VS2	-.92			07H	VS3	.580	ZPUMZ	221	H	X60
107	126	.75	60	PCT	15	P5	VS2	.93			07H	VS3	.580	ZPUMZ	221	H	X60
109	126	.51	81	PCT	12	P2	08H	1.03			TEH	TEC	.610	RBARD	84	C	
109	126	.63	71	PCT	10	P5	BW2	1.84			07C	VS5	.580	ZPUMZ	120	C	X60
109	126	.62	68	PCT	12	P3	08H	.91			07H	VS3	.580	ZPUMZ	219	H	X60
111	126	.49	159	PCT	15	P2	BW1	-1.80			TEH	TEC	.610	RBARD	85	C	
111	126	.65	90	PCT	19	P2	VS2	-.99			TEH	TEC	.610	RBARD	85	C	
111	126	1.06	112	PCT	26	P2	VS3	1.15			TEH	TEC	.610	RBARD	85	C	
111	126	1.15	59	PCT	19	P5	VS5	-.10			07C	VS5	.580	ZPUMZ	121	C	X60
111	126	1.35	52	PCT	21	P3	BW1	-2.14			07H	VS3	.580	ZPUMZ	221	H	X60
111	126	.80	30	PCT	15	P5	VS2	-1.01			07H	VS3	.580	ZPUMZ	221	H	X60
111	126	1.99	52	PCT	30	P5	VS3	1.09			07H	VS3	.580	ZPUMZ	221	H	X60
117	126	.66	96	SCI		P2	TSH	-.23		.13	TSH	TSH	.600	ZPAHZ	80	H	
117	126	.24	64	SCI		P4	TSH	-.23		.28	TSH	TSH	.600	ZPAHZ	80	H	
117	126	.76	92	SAI		P3	08H	33.44		1.60	07H	VS3	.580	ZPUMZ	219	H	X60
117	126	1.23	60	PCT	19	P5	VS2	-.96			07H	VS3	.580	ZPUMZ	219	H	X60
117	126	.00	0	SAI		P2	08H	33.44		.00	08H	09H	.600	ZPAHZ	303	H	
119	126	.90	66	PCT	15	P3	BW1	1.91			07H	VS3	.580	ZPUMZ	221	H	X60
121	126	.72	67	PCT	14	P3	BW1	-2.02			07H	VS3	.580	ZPUMZ	219	H	X60
123	126	.48	22	PCT	15	P2	BW1	1.76			TEC	TEH	.610	RBARD	157	H	
123	126	1.29	55	PCT	20	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	221	H	X60
125	126	.99	61	PCT	16	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	238	H	X75
125	126	.58	68	PCT	10	P5	VS2	1.10			07H	VS3	.580	ZPUMZ	238	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
149	126	.65	70	PCT	11	P3	08C	.03			08C	08C	.600	ZPAHZ	21	C	DQA
66	127	.59	44	PCT	10	P3	08H	-1.25			08H	VS3	.580	ZPUFZ	190	H	
80	127	.88	104	PCT	14	P3	VS3	.08			VS3	VS3	.580	ZPUFZ	190	H	
84	127	1.15	120	PCT	22	P2	VS3	1.08			TEH	TEC	.610	RBARD	84	C	
84	127	.95	55	PCT	15	P3	VS3	-.80			VS3	VS3	.580	ZPUFZ	190	H	
84	127	1.69	80	PCT	24	P3	VS3	.88			VS3	VS3	.580	ZPUFZ	190	H	
90	127	.58	57	PCT	11	P3	08H	.86			07H	VS3	.580	ZPUMZ	201	H	X45
90	127	1.00	74	PCT	17	P3	BW1	-1.79			07H	VS3	.580	ZPUMZ	201	H	X45
90	127	.92	91	PCT	16	P3	BW1	1.04			07H	VS3	.580	ZPUMZ	201	H	X45
92	127	.57	51	PCT	11	P3	BW1	-1.11			07H	VS3	.580	ZPUMZ	201	H	X45
94	127	.47	80	PCT	8	P3	07H	.62			07H	VS3	.580	ZPUMZ	201	H	X45
94	127	.79	77	PCT	14	P3	08H	.78			07H	VS3	.580	ZPUMZ	201	H	X45
94	127	.56	117	PCT	11	P3	BW1	1.96			07H	VS3	.580	ZPUMZ	201	H	X45
96	127	.94	53	MCI		P2	TSH	-15.29		.30	TSH	TSH	.600	ZPAHZ	76	H	
96	127	1.06	39	MCI		P4	TSH	-15.29		.20	TSH	TSH	.600	ZPAHZ	76	H	
96	127	.77	36	PCT	14	P3	08H	.90			07H	VS3	.580	ZPUMZ	201	H	X45
96	127	2.15	73	MCI		P2	TSH	-18.71		.40	TEH	TSH	.600	ZPAHZ	303	H	
96	127	6.08	38	MCI		P4	TSH	-18.71		.30	TEH	TSH	.600	ZPAHZ	303	H	
96	127	5.02	36	MCI		P4	TSH	-18.45		.30	TEH	TSH	.600	ZPAHZ	303	H	
96	127	1.58	65	MCI		P2	TSH	-18.45		.30	TEH	TSH	.600	ZPAHZ	303	H	
96	127	1.57	59	MCI		P2	TSH	-18.09		.30	TEH	TSH	.600	ZPAHZ	303	H	
96	127	3.34	35	MCI		P4	TSH	-18.09		.30	TEH	TSH	.600	ZPAHZ	303	H	
100	127	.73	114	PCT	13	P3	08H	.76			07H	VS3	.580	ZPUMZ	218	H	X60
102	127	.56	150	PCT	17	P2	BW1	1.80			TEH	TEC	.610	RBARD	85	C	
102	127	2.10	72	PCT	29	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	218	H	X60
104	127	.95	68	PCT	15	P5	BW1	-1.80			07H	VS3	.580	ZPUMZ	220	H	X60
104	127	1.87	56	PCT	27	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	220	H	X60
106	127	.89	87	PCT	15	P3	08H	.87			07H	VS3	.580	ZPUMZ	218	H	X60
108	127	.52	144	PCT	12	P2	08H	.96			TEH	TEC	.610	RBARD	84	C	
108	127	.47	157	PCT	11	P2	VS2	.93			TEH	TEC	.610	RBARD	84	C	
108	127	.74	43	PCT	13	P3	08H	.93			07H	VS3	.580	ZPUMZ	220	H	X60
108	127	.72	77	PCT	12	P5	VS2	.91			07H	VS3	.580	ZPUMZ	220	H	X60
110	127	.67	100	PCT	11	P5	VS2	-.97			07H	VS3	.580	ZPUMZ	218	H	X60
114	127	.67	110	PCT	12	P5	VS2	-.90			07H	VS3	.580	ZPUMZ	218	H	X60
116	127	.91	66	PCT	15	P5	09H	1.38			07H	VS3	.580	ZPUMZ	220	H	X60
124	127	.71	73	PCT	12	P5	BW1	-2.01			07H	VS3	.580	ZPUMZ	220	H	X60
132	127	.50	41	PCT	10	P5	VS1	-.74			07H	VS3	.580	ZPUMZ	241	H	X75
134	127	.52	91	PCT	15	P2	BW1	1.90			TEC	TEH	.610	RBARD	153	H	
134	127	1.93	86	PCT	28	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	239	H	X75
136	127	.59	80	SAI		P5	VS1	.63		.60	07H	VS3	.580	ZPUMZ	241	H	X75
136	127	.00	0	SAI		P2	VS1	.63		.00	VS1	VS1	.580	ZPUFZ	325	H	
138	127	.79	78	PCT	14	P5	BW1	2.07			07H	VS3	.580	ZPUMZ	239	H	X75
142	127	1.17	68	PCT	19	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	239	H	X75
144	127	.59	33	PCT	11	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	241	H	X75
146	127	1.05	82	PCT	16	P3	VS5	-.81			BW2	VS5	.580	ZPUFZ	135	C	
146	127	1.76	75	PCT	24	P3	VS7	-.80			BW2	VS5	.580	ZPUFZ	135	C	
146	127	1.64	76	PCT	23	P3	BW2	1.90			BW2	BW2	.580	ZPUFZ	135	C	
146	127	.66	141	PCT	17	P2	VS5	-.86			TEC	TEH	.610	RBARD	153	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
146	127	.55	119	PCT	15	P2	BW2	1.79			TEC	TEH	.610	RBARD	153	H	
148	127	.59	41	PCT	10	P3	03C	.78			03C	03C	.600	ZPAHZ	20	C	DQA
148	127	.93	94	PCT	15	P3	VS7	.58			VS7	VS7	.580	ZPUFZ	135	C	
148	127	.38	98	PCT	12	P2	03C	.88			TEC	TEH	.610	RBARD	147	H	
57	128	.57	62	PCT	10	P3	07C	-.71			07C	07C	.600	ZPAHZ	21	C	DQA
57	128	.57	41	SCI		P2	TSH	-13.90		.20	TSH	TSH	.600	ZPAHZ	24	H	
57	128	.35	40	SCI		P4	TSH	-13.90		.30	TSH	TSH	.600	ZPAHZ	24	H	
57	128	.40	124	PCT	10	P2	07C	-.77			TEH	TEC	.610	RBARD	68	C	
63	128	.20	52	MCI		P2	TSH	-14.26		.20	TSH	TSH	.600	ZPAHZ	22	H	
63	128	.19	35	MCI		P4	TSH	-14.26		.20	TSH	TSH	.600	ZPAHZ	22	H	
63	128	2.75	16	MCI		P2	TEH	.08		1.16	TEH	TSH	.600	ZPAHZ	53	H	
63	128	.69	34	MCI		P4	TEH	.08		.51	TEH	TSH	.600	ZPAHZ	53	H	
63	128	1.29	38	MCI		P4	TEH	.09		.51	TEH	TSH	.600	ZPAHZ	53	H	
63	128	1.28	20	MCI		P2	TEH	.09		.91	TEH	TSH	.600	ZPAHZ	53	H	
73	128	.85	66	PCT	14	P3	07H	-.98			07H	07H	.600	ZPAHZ	310	H	
77	128	1.38	84	PCT	20	P3	VS3	.59			VS3	VS3	.580	ZPUFZ	190	H	
79	128	1.08	142	PCT	26	P2	VS3	1.02			TEH	TEC	.610	RBARD	85	C	
79	128	1.25	125	PCT	28	P2	VS5	-.69			TEH	TEC	.610	RBARD	85	C	
79	128	1.87	86	PCT	26	P3	VS5	-.95			VS5	VS5	.580	ZPUFZ	129	C	DQA
79	128	1.71	80	PCT	24	P3	VS3	1.10			VS3	VS3	.580	ZPUFZ	190	H	
83	128	.74	89	PCT	12	P3	VS3	.87			VS3	VS3	.580	ZPUFZ	190	H	
87	128	.75	81	PCT	20	P2	VS2	-1.09			TEH	TEC	.610	RBARD	85	C	
87	128	.79	87	PCT	14	P3	08H	1.05			08H	08H	.600	ZPAHZ	114	H	
87	128	1.06	83	PCT	16	P3	VS2	-1.02			VS2	VS2	.580	ZPUFZ	190	H	
89	128	.45	95	PCT	10	P2	BW1	-1.91			TEH	TEC	.610	RBARD	84	C	
89	128	.80	84	PCT	14	P3	08H	-.90			07H	VS3	.580	ZPUMZ	201	H	X45
89	128	.41	41	PCT	8	P3	08H	-.12			07H	VS3	.580	ZPUMZ	201	H	X45
89	128	.92	105	PCT	16	P3	BW1	-1.78			07H	VS3	.580	ZPUMZ	201	H	X45
89	128	.88	59	PCT	16	P3	BW1	1.01			07H	VS3	.580	ZPUMZ	201	H	X45
91	128	.67	61	PCT	13	P3	08H	.91			07H	VS3	.580	ZPUMZ	202	H	X45
91	128	1.31	62	PCT	22	P3	BW1	-.72			07H	VS3	.580	ZPUMZ	202	H	X45
93	128	1.46	68	PCT	23	P3	BW1	-1.86			07H	VS3	.580	ZPUMZ	202	H	X45
93	128	.90	38	PCT	16	P3	BW1	1.53			07H	VS3	.580	ZPUMZ	202	H	X45
95	128	.68	140	PCT	19	P2	08H	.87			TEH	TEC	.610	RBARD	85	C	
95	128	1.30	54	PCT	21	P3	08H	.90			07H	VS3	.580	ZPUMZ	202	H	X45
101	128	1.16	52	PCT	20	P3	08H	-.05			07H	VS3	.580	ZPUMZ	219	H	X60
105	128	.76	82	PCT	13	P3	07H	.93			07H	VS3	.580	ZPUMZ	221	H	X60
105	128	1.24	66	PCT	19	P3	BW1	-2.12			07H	VS3	.580	ZPUMZ	221	H	X60
109	128	.50	135	PCT	11	P2	08H	.93			TEH	TEC	.610	RBARD	84	C	
109	128	.60	110	PCT	13	P2	BW1	1.84			TEH	TEC	.610	RBARD	84	C	
109	128	.60	106	PCT	10	P3	08H	-.09			07H	VS3	.580	ZPUMZ	221	H	X60
109	128	1.28	65	PCT	20	P3	08H	.95			07H	VS3	.580	ZPUMZ	221	H	X60
109	128	2.18	66	PCT	30	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	221	H	X60
109	128	.59	56	PCT	12	P5	VS2	.93			07H	VS3	.580	ZPUMZ	221	H	X60
111	128	.43	114	PCT	14	P2	VS2	-.79			TEH	TEC	.610	RBARD	85	C	
111	128	1.13	66	PCT	19	P5	VS2	-.89			07H	VS3	.580	ZPUMZ	219	H	X60
113	128	.95	66	PCT	22	P2	VS2	-.98			TEC	TEH	.610	RBARD	156	H	
113	128	1.56	60	PCT	24	P5	VS2	-.92			07H	VS3	.580	ZPUMZ	221	H	X60
115	128	.65	69	SAI		P3	BW1	-.93		1.70	07H	VS3	.580	ZPUMZ	219	H	X60
115	128	.00	0	SAI		P2	BW1	-.93		.00	BW1	BW1	.580	ZPUFZ	328	H	
117	128	.64	59	PCT	11	P3	08H	.94			07H	08H	.580	ZPUMZ	221	H	X60
117	128	.68	68	PCT	12	P3	09H	-.76			09H	VS3	.580	ZPUMZ	221	H	X60
117	128	.42	57	PCT	9	P3	09H	-.63			07H	VS3	.580	ZPUMZ	234	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
119	128	.62	80	PCT	12	P3	09H	-.06			07H	VS3	.580	ZPUMZ	219	H	X60
123	128	.61	152	PCT	18	P2	BW1	1.84			TEC	TEH	.610	RBARD	146	H	
123	128	2.01	70	PCT	30	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	219	H	X60
127	128	.78	82	PCT	14	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	240	H	X75
133	128	.86	59	PCT	14	P5	BW1	-1.77			07H	VS3	.580	ZPUMZ	238	H	X75
133	128	.70	61	PCT	12	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	238	H	X75
141	128	.70	66	PCT	12	P5	BW1	2.07			07H	VS3	.580	ZPUMZ	238	H	X75
56	129	1.36	53	SAI		P2	TSH	-.30		.30	TSH	TSH	.600	ZPAHZ	25	H	
56	129	2.11	66	SAI		P3	TSH	-.30		.30	TSH	TSH	.600	ZPAHZ	25	H	
66	129	.77	112	PCT	12	P3	08H	.86			08H	VS3	.580	ZPUFZ	190	H	
66	129	1.28	96	PCT	19	P3	BW1	2.01			08H	VS3	.580	ZPUFZ	190	H	
70	129	.99	83	PCT	15	P3	VS3	.62			VS3	VS3	.580	ZPUFZ	190	H	
88	129	.58	105	PCT	11	P3	08H	.90			08H	08H	.600	ZPAHZ	114	H	
88	129	.69	85	PCT	13	P3	08H	.97			08H	08H	.600	ZPAHZ	114	H	
90	129	.82	55	PCT	13	P3	BW1	-.45			07H	VS3	.580	ZPUMZ	201	H	X45
92	129	.41	40	PCT	10	P2	BW1	-1.96			TEH	TEC	.610	RBARD	84	C	
92	129	1.12	83	PCT	17	P3	BW1	-1.99			07H	VS3	.580	ZPUMZ	201	H	X45
96	129	.37	21	PCT	7	P3	07H	.92			07H	VS3	.580	ZPUMZ	201	H	X45
100	129	.72	41	PCT	13	P3	07H	.93			07H	VS3	.580	ZPUMZ	218	H	X60
100	129	.73	33	PCT	13	P3	08H	-.07			07H	VS3	.580	ZPUMZ	218	H	X60
104	129	1.00	56	PCT	17	P3	08H	.88			07H	VS3	.580	ZPUMZ	218	H	X60
104	129	1.68	64	PCT	25	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	218	H	X60
108	129	.62	65	PCT	11	P3	08H	-.26			07H	VS3	.580	ZPUMZ	218	H	X60
108	129	.92	63	PCT	16	P3	08H	.98			07H	VS3	.580	ZPUMZ	218	H	X60
108	129	.71	80	PCT	12	P5	VS2	.91			07H	VS3	.580	ZPUMZ	218	H	X60
112	129	1.14	57	PCT	18	P5	VS2	-.76			07H	VS3	.580	ZPUMZ	218	H	X60
114	129	.62	117	PCT	11	P5	BW1	1.74			07H	VS3	.580	ZPUMZ	220	H	X60
118	129	.65	86	PCT	11	P5	BW1	-1.74			07H	VS3	.580	ZPUMZ	220	H	X60
120	129	.72	99	PCT	11	P3	08C	.81			08C	08C	.600	ZPAHZ	137	C	
122	129	.46	82	PCT	13	P2	BW1	1.86			TEC	TEH	.610	RBARD	153	H	
122	129	1.34	75	PCT	21	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	220	H	X60
126	129	1.29	74	PCT	19	P5	BW1	-1.99			07H	VS3	.580	ZPUMZ	244	H	X75
134	129	.39	141	PCT	12	P2	BW1	1.81			TEC	TEH	.610	RBARD	153	H	
134	129	1.49	76	PCT	22	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	244	H	X75
138	129	.65	81	PCT	12	P3	09H	-.13			07H	BW1	.580	ZPUMZ	239	H	X75
138	129	.66	81	PCT	11	P3	09H	-.08			07H	VS3	.580	ZPUMZ	244	H	X75
144	129	.57	75	PCT	11	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	241	H	X75
148	129	.53	69	PCT	10	P3	08H	.74			07H	VS3	.580	ZPUMZ	241	H	X75
25	130	.57	35	SCI		P4	TSH	-13.56		.20	TSH	TSH	.600	ZPAHZ	12	H	
25	130	.89	26	SCI		P2	TSH	-13.56		.30	TSH	TSH	.600	ZPAHZ	12	H	
69	130	.81	45	PCT	20	P2	08H	.91			TEH	TEC	.610	RBARD	69	C	
69	130	1.80	72	PCT	27	P3	08H	.94			08H	08H	.600	ZPAHZ	114	H	
75	130	.63	130	PCT	15	P2	VS3	-.87			TEH	TEC	.610	RBARD	68	C	
75	130	1.06	88	PCT	16	P3	VS3	-.85			VS3	VS3	.580	ZPUFZ	190	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
81	130	2.35	121	PCT	34	P2	VS3	-.91			TEH	TEC	.610	RBARD	84	C	
81	130	1.01	138	PCT	20	P2	VS5	-.89			TEH	TEC	.610	RBARD	84	C	
81	130	1.35	75	PCT	20	P3	VS5	-1.13			VS5	VS5	.580	ZPUFZ	129	C	DQA
81	130	2.89	77	PCT	35	P3	VS3	-.75			VS3	VS3	.580	ZPUFZ	190	H	
81	130	1.29	90	PCT	19	P3	VS3	.91			VS3	VS3	.580	ZPUFZ	190	H	
85	130	.89	90	PCT	18	P2	08H	-.86			TEH	TEC	.610	RBARD	84	C	
85	130	1.80	73	PCT	25	P3	08H	-1.01			08H	08H	.600	ZPAHZ	114	H	
85	130	.99	61	PCT	16	P3	08H	.89			08H	08H	.600	ZPAHZ	114	H	
87	130	.62	71	PCT	12	P3	06H	.87			06H	06H	.600	ZPAHZ	114	H	
89	130	1.12	106	PCT	22	P2	08H	.88			TEH	TEC	.610	RBARD	84	C	
89	130	.97	90	PCT	16	P3	08H	.84			07H	VS3	.580	ZPUMZ	202	H	X45
89	130	1.05	77	PCT	17	P3	08H	.89			07H	VS3	.580	ZPUMZ	202	H	X45
93	130	.85	115	PCT	22	P2	08H	.93			TEH	TEC	.610	RBARD	85	C	
93	130	.67	64	PCT	13	P3	07H	.74			07H	VS3	.580	ZPUMZ	202	H	X45
93	130	.84	75	PCT	14	P3	08H	.88			07H	VS3	.580	ZPUMZ	202	H	X45
93	130	.80	71	PCT	14	P3	08H	.89			07H	VS3	.580	ZPUMZ	202	H	X45
97	130	.72	64	PCT	15	P2	08H	.88			TEH	TEC	.610	RBARD	84	C	
97	130	.51	73	PCT	10	P3	07H	.85			07H	VS3	.580	ZPUMZ	202	H	X45
97	130	.90	67	PCT	16	P3	08H	.85			07H	VS3	.580	ZPUMZ	202	H	X45
99	130	1.25	66	PCT	21	P3	BW1	1.90			07H	VS3	.580	ZPUMZ	202	H	X45
103	130	.42	140	PCT	13	P2	VS2	.95			TEH	TEC	.610	RBARD	85	C	
103	130	.76	55	PCT	15	P5	VS2	-.88			07H	VS3	.580	ZPUMZ	221	H	X60
103	130	.84	68	PCT	16	P5	VS2	.95			07H	VS3	.580	ZPUMZ	221	H	X60
105	130	.56	43	PCT	11	P3	08H	.86			07H	VS3	.580	ZPUMZ	219	H	X60
105	130	.90	51	PCT	16	P5	BW1	-1.98			07H	VS3	.580	ZPUMZ	219	H	X60
105	130	.83	101	PCT	15	P5	VS2	.89			07H	VS3	.580	ZPUMZ	219	H	X60
109	130	.99	59	PCT	17	P5	BW1	1.66			07H	VS3	.580	ZPUMZ	219	H	X60
109	130	.62	72	PCT	12	P5	VS2	.93			07H	VS3	.580	ZPUMZ	219	H	X60
115	130	.92	41	SAI		P3	08H	48.45		.40	07H	VS3	.580	ZPUMZ	221	H	X60
115	130	1.08	65	PCT	17	P3	BW1	1.92			07H	VS3	.580	ZPUMZ	221	H	X60
115	130	.45	146	SAI		P2	08H	48.45		.40	08H	BW1	.580	ZPUFZ	323	H	
117	130	.75	37	PCT	14	P3	BW1	1.76			07H	VS3	.580	ZPUMZ	219	H	X60
125	130	.35	127	PCT	11	P2	VS3	.88			TEC	TEH	.610	RBARD	148	H	
125	130	.91	46	PCT	15	P5	VS3	-1.11			07H	VS3	.580	ZPUMZ	238	H	X75
125	130	.75	50	PCT	13	P5	VS3	.98			07H	VS3	.580	ZPUMZ	238	H	X75
127	130	1.15	95	PCT	19	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	240	H	X75
129	130	.62	62	PCT	11	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	238	H	X75
141	130	.88	50	PCT	13	P5	BW1	1.60			07H	VS3	.580	ZPUMZ	238	H	X75
145	130	1.22	90	PCT	18	P3	02C	-.87			02C	02C	.600	ZPAHZ	20	C	DQA
145	130	.67	67	PCT	10	P3	03C	-.88			03C	03C	.600	ZPAHZ	137	C	
147	130	.99	77	PCT	15	P3	03C	.94			03C	03C	.600	ZPAHZ	20	C	DQA
147	130	.89	67	PCT	15	P3	08H	.79			07H	VS3	.580	ZPUMZ	240	H	X75
10	131	1.18	34	MCI		P2	TSH	-7.29		.20	TSH	TSH	.600	ZPAHZ	10	H	
10	131	.60	40	MCI		P4	TSH	-7.29		.30	TSH	TSH	.600	ZPAHZ	10	H	
10	131	.63	42	MCI		P4	TSH	-7.06		.30	TSH	TSH	.600	ZPAHZ	10	H	
10	131	1.34	34	MCI		P2	TSH	-7.06		.20	TSH	TSH	.600	ZPAHZ	10	H	
10	131	.00	0	MCI		P2	TSH	-6.57		.00	TSH	TSH	.600	ZPAHZ	10	H	
10	131	.15	53	MCI		P4	TSH	-6.57		.20	TSH	TSH	.600	ZPAHZ	10	H	
22	131	.56	51	PCT	11	P3	BW1	-1.96			BW1	VS4	.580	ZPUFZ	179	H	
62	131	.81	71	PCT	13	P3	VS5	.61			VS5	VS5	.580	ZPUFZ	129	C	DQA
62	131	1.27	83	PCT	19	P3	VS3	.04			VS3	VS3	.580	ZPUFZ	190	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
72	131	.78	85	PCT	12	P3	VS3	-.60			VS3	VS3	.580	ZPUFZ	190	H	
72	131	1.14	87	PCT	17	P3	VS3	.14			VS3	VS3	.580	ZPUFZ	190	H	
74	131	.53	28	PCT	11	P3	VS3	-.60			VS3	VS3	.580	ZPUFZ	190	H	
74	131	.92	61	PCT	17	P3	VS3	.17			VS3	VS3	.580	ZPUFZ	190	H	
78	131	.72	39	SCI		P2	TSH	-14.97		.90	TSH	TSH	.600	ZPAHZ	23	H	
78	131	.56	40	SCI		P4	TSH	-14.97		.80	TSH	TSH	.600	ZPAHZ	23	H	
78	131	.68	43	PCT	13	P3	BW1	-1.89			BW1	VS3	.580	ZPUFZ	190	H	
80	131	1.42	95	PCT	25	P2	VS3	1.13			TEH	TEC	.610	RBARD	104	C	
80	131	2.47	74	PCT	32	P3	VS3	.97			VS3	VS3	.580	ZPUFZ	190	H	
86	131	1.08	97	PCT	19	P3	08H	-.85			08H	08H	.600	ZPAHZ	114	H	
90	131	.63	67	PCT	12	P3	08H	-.89			07H	VS3	.580	ZPUMZ	199	H	X45
94	131	.52	59	PCT	10	P3	08H	-.92			07H	VS3	.580	ZPUMZ	201	H	X45
98	131	.54	100	PCT	13	P2	BW1	1.79			TEH	TEC	.610	RBARD	104	C	
98	131	1.48	69	PCT	24	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	201	H	X45
102	131	.64	73	PCT	11	P5	VS2	.91			07H	VS3	.580	ZPUMZ	218	H	X60
104	131	.78	47	PCT	13	P5	VS2	-1.01			07H	VS3	.580	ZPUMZ	220	H	X60
110	131	1.21	143	PCT	23	P2	VS2	-.67			TEH	TEC	.610	RBARD	104	C	
110	131	1.46	102	PCT	26	P2	VS2	.95			TEH	TEC	.610	RBARD	104	C	
110	131	.52	86	PCT	12	P2	VS5	-.72			TEH	TEC	.610	RBARD	104	C	
110	131	1.39	61	PCT	22	P5	VS2	-.82			07H	VS3	.580	ZPUMZ	218	H	X60
110	131	1.78	81	PCT	26	P5	VS2	-.67			07H	VS3	.580	ZPUMZ	218	H	X60
110	131	2.08	62	PCT	29	P5	VS2	.95			07H	VS3	.580	ZPUMZ	218	H	X60
118	131	.85	90	PCT	14	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	218	H	X60
120	131	.63	73	PCT	11	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	220	H	X60
130	131	.41	82	PCT	12	P2	BW1	1.85			TEC	TEH	.610	RBARD	153	H	
130	131	1.23	78	PCT	19	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	244	H	X75
132	131	.73	56	PCT	13	P3	BW1	1.52			07H	VS3	.580	ZPUMZ	241	H	X75
138	131	.98	101	PCT	15	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	244	H	X75
142	131	.80	63	PCT	12	P3	04C	-.91			03C	04C	.600	ZPAHZ	20	C	DQA
142	131	.94	70	PCT	14	P3	03C	-.95			03C	04C	.600	ZPAHZ	20	C	DQA
142	131	.45	111	PCT	13	P2	VS7	-.86			TEC	TEH	.610	RBARD	153	H	
142	131	.52	72	PCT	15	P2	03C	-.96			TEC	TEH	.610	RBARD	153	H	
142	131	.92	88	PCT	15	P5	BW1	1.67			07H	VS3	.580	ZPUMZ	244	H	X75
142	131	.75	56	PCT	12	P5	VS1	.00			07H	VS3	.580	ZPUMZ	244	H	X75
142	131	1.04	50	PCT	16	P5	VS3	.19			07H	VS3	.580	ZPUMZ	244	H	X75
142	131	1.18	53	PCT	18	P5	VS3	.82			07H	VS3	.580	ZPUMZ	244	H	X75
144	131	.59	68	PCT	10	P3	04C	.78			04C	04C	.600	ZPAHZ	20	C	DQA
146	131	.68	76	PCT	10	P3	03C	-.87			03C	03C	.600	ZPAHZ	20	C	DQA
146	131	.88	88	PCT	13	P3	03C	.91			03C	03C	.600	ZPAHZ	20	C	DQA
146	131	.81	90	PCT	13	P3	07H	.00			07H	VS3	.580	ZPUMZ	244	H	X75
63	132	.88	96	PCT	14	P3	BW1	1.87			BW1	VS3	.580	ZPUFZ	190	H	
67	132	.76	123	PCT	13	P3	02H	-.67			02H	02H	.600	ZPAHZ	310	H	
83	132	.57	76	PCT	15	P2	08H	-.10			TEH	TEC	.610	RBARD	105	C	
83	132	1.05	84	PCT	18	P3	07H	1.00			07H	07H	.600	ZPAHZ	114	H	
83	132	1.65	66	PCT	25	P3	08H	-.10			08H	08H	.600	ZPAHZ	114	H	
83	132	.54	51	PCT	10	P3	VS3	-.75			VS3	VS3	.580	ZPUFZ	306	H	
87	132	.50	95	PCT	13	P2	BW1	1.78			TEH	TEC	.610	RBARD	105	C	
87	132	.70	82	PCT	12	P3	08H	.96			08H	08H	.600	ZPAHZ	114	H	
87	132	1.38	92	PCT	20	P3	BW1	1.85			BW1	VS3	.580	ZPUFZ	190	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
89	132	.86	46	PCT	15	P5	VS2	1.06			07H	VS3	.580	ZPUMZ	199	H	X45
91	132	.79	60	PCT	14	P3	07H	.97			07H	VS3	.580	ZPUMZ	200	H	X45
91	132	.81	46	PCT	15	P3	08H	-.90			07H	VS3	.580	ZPUMZ	200	H	X45
97	132	.91	48	PCT	15	P3	08C	.96			08C	08C	.600	ZPAHZ	21	C	DQA
97	132	.62	70	PCT	16	P2	08C	.82			TEH	TEC	.610	RBARD	105	C	
99	132	.69	56	PCT	13	P3	08H	.71			07H	VS3	.580	ZPUMZ	202	H	X45
99	132	1.65	82	PCT	25	P3	BW1	1.69			07H	VS3	.580	ZPUMZ	202	H	X45
99	132	.95	68	MVI	15	P3	BW1	2.30		.80	07H	VS3	.580	ZPUMZ	202	H	TTW
99	132																X45
99	132	.74	57	MVI	12	P3	BW1	4.44		.50	07H	VS3	.580	ZPUMZ	202	H	TTW
99	132																X45
107	132	.71	126	PCT	18	P2	VS3	.99			TEH	TEC	.610	RBARD	105	C	
107	132	1.48	77	PCT	24	P5	VS3	.86			07H	VS3	.580	ZPUMZ	219	H	X60
119	132	.80	62	PCT	15	P3	BW1	-1.35			07H	VS3	.580	ZPUMZ	219	H	X60
123	132	1.47	16	SVI		P3	02C	39.39		.40	02C	03C	.600	ZPAHZ	20	C	DQA
123	132																NC
123	132																VID
123	132	3.74	13	BID		P1	02C	39.29			TEC	TEH	.610	RBARD	146	H	
125	132	.76	104	PCT	12	P5	BW1	2.09			07H	VS3	.580	ZPUMZ	238	H	X75
127	132	.68	94	PCT	12	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	238	H	X75
131	132	.54	58	PCT	11	P3	09H	.95			07H	VS3	.580	ZPUMZ	238	H	X75
133	132	.84	39	PCT	15	P5	VS1	-.60			07H	VS3	.580	ZPUMZ	240	H	X75
137	132	.77	86	PCT	14	P5	BW1	1.47			07H	VS3	.580	ZPUMZ	240	H	X75
139	132	.92	75	PCT	15	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	238	H	X75
141	132	.74	91	PCT	13	P5	BW1	1.73			07H	VS3	.580	ZPUMZ	240	H	X75
143	132	.69	46	PCT	12	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	238	H	X75
143	132	.65	69	PCT	11	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	238	H	X75
143	132	.67	62	PCT	11	P5	VS1	-1.05			07H	VS3	.580	ZPUMZ	238	H	X75
143	132	1.18	90	PCT	19	P5	VS3	.15			07H	VS3	.580	ZPUMZ	238	H	X75
143	132	.69	68	PCT	12	P5	VS3	.68			07H	VS3	.580	ZPUMZ	238	H	X75
145	132	.86	82	PCT	13	P3	05C	-.90			05C	05C	.600	ZPAHZ	20	C	DQA
48	133	.88	154	PCT	19	P2	VS4	-.51			TEH	TEC	.610	RBARD	66	C	
48	133	1.33	86	PCT	20	P3	VS4	-.60			VS4	VS4	.580	ZPUFZ	190	H	
72	133	1.15	92	PCT	23	P2	08H	1.04			TEH	TEC	.610	RBARD	66	C	
72	133	1.45	66	PCT	22	P3	08H	.92			08H	08H	.600	ZPAHZ	114	H	
76	133	.82	105	PCT	17	P2	08H	1.11			TEH	TEC	.610	RBARD	104	C	
76	133	1.69	78	PCT	26	P3	08H	1.01			08H	08H	.600	ZPAHZ	114	H	
76	133	1.20	70	PCT	19	P3	VS3	-.11			VS3	VS3	.580	ZPUFZ	306	H	
86	133	1.44	115	PCT	26	P2	08H	.95			TEH	TEC	.610	RBARD	104	C	
86	133	.70	81	PCT	13	P3	07H	-.07			07H	07H	.600	ZPAHZ	114	H	
86	133	.88	83	PCT	16	P3	07H	.93			07H	07H	.600	ZPAHZ	114	H	
86	133	1.54	83	PCT	24	P3	08H	.61			08H	08H	.600	ZPAHZ	114	H	
86	133	2.01	76	PCT	29	P3	08H	.77			08H	08H	.600	ZPAHZ	114	H	
94	133	.75	82	PCT	14	P3	08H	-.15			07H	VS3	.580	ZPUMZ	199	H	X45
94	133	.69	85	PCT	13	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	199	H	X45
94	133	.81	64	PCT	14	P5	VS2	-.74			07H	VS3	.580	ZPUMZ	199	H	X45
100	133	1.18	127	PCT	19	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	218	H	X60
102	133	.88	44	SCI		P4	TSH	-12.72		.30	TSH	TSH	.600	ZPAHZ	76	H	
102	133	1.10	55	SCI		P2	TSH	-12.72		.40	TSH	TSH	.600	ZPAHZ	76	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
102	133	.77	67	PCT	13	P3	08H	-.96			07H	VS3	.580	ZPUMZ	220	H	X60
102	133	.74	85	PCT	13	P3	08H	.87			07H	VS3	.580	ZPUMZ	220	H	X60
108	133	.75	66	PCT	13	P3	08H	.83			07H	VS3	.580	ZPUMZ	218	H	X60
110	133	.62	34	PCT	11	P5	VS2	-.62			07H	VS3	.580	ZPUMZ	220	H	X60
110	133	.79	55	PCT	13	P5	VS2	.86			07H	VS3	.580	ZPUMZ	220	H	X60
114	133	.65	65	PCT	11	P5	BW1	1.86			07H	VS3	.580	ZPUMZ	220	H	X60
116	133	.59	72	PCT	11	P5	VS2	-.94			07H	VS3	.580	ZPUMZ	218	H	X60
118	133	.70	44	PCT	12	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	220	H	X60
134	133	.52	71	PCT	10	P5	VS1	.12			07H	VS3	.580	ZPUMZ	241	H	X75
136	133	.91	92	PCT	15	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	244	H	X75
136	133	.90	64	SVI	14	P5	BW1	3.20		1.20	07H	VS3	.580	ZPUMZ	244	H	TTW
136	133																X75
138	133	.63	94	PCT	12	P3	BW1	1.92			07H	VS3	.580	ZPUMZ	241	H	X75
140	133	1.10	106	PCT	17	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	244	H	X75
144	133	.73	62	PCT	11	P3	04C	-.89			04C	04C	.600	ZPAHZ	20	C	DQA
144	133	.92	74	PCT	14	P3	04C	-.88			04C	04C	.600	ZPAHZ	20	C	DQA
144	133	1.12	80	PCT	16	P3	03C	-.80			03C	03C	.600	ZPAHZ	137	C	
55	134	1.74	58	SCI		P2	TSH	-13.77		.20	TSH	TSH	.600	ZPAHZ	24	H	
55	134	.88	45	SCI		P4	TSH	-13.77		.40	TSH	TSH	.600	ZPAHZ	24	H	
67	134	1.31	62	PCT	20	P3	BW1	-2.03			08H	VS3	.580	ZPUFZ	190	H	
69	134	.55	38	SCI		P4	TSH	-14.89		.40	TSH	TSH	.600	ZPAHZ	22	H	
69	134	.89	53	SCI		P2	TSH	-14.89		.30	TSH	TSH	.600	ZPAHZ	22	H	
73	134	.86	70	PCT	14	P3	BW1	-2.03			BW1	VS3	.580	ZPUFZ	190	H	
75	134	.66	72	PCT	12	P3	07H	-.94			07H	07H	.600	ZPAHZ	310	H	
79	134	1.84	108	PCT	33	P2	VS3	1.00			TEH	TEC	.610	RBARD	105	C	
79	134	2.35	73	PCT	31	P3	VS3	.89			VS3	VS3	.580	ZPUFZ	190	H	
79	134	.79	101	PCT	13	P3	VS3	.94			VS3	VS3	.580	ZPUFZ	190	H	
81	134	.53	111	PCT	14	P2	08H	.96			TEH	TEC	.610	RBARD	105	C	
81	134	1.03	75	PCT	18	P3	08H	.86			08H	08H	.600	ZPAHZ	114	H	
85	134	.68	138	PCT	17	P2	08H	.86			TEH	TEC	.610	RBARD	105	C	
85	134	1.34	70	PCT	22	P3	08H	.77			08H	08H	.600	ZPAHZ	114	H	
91	134	.68	67	PCT	13	P3	BW1	2.16			07H	VS3	.580	ZPUMZ	200	H	X45
91	134	.66	40	PCT	13	P5	VS2	-.94			07H	VS3	.580	ZPUMZ	200	H	X45
93	134	.77	115	PCT	19	P2	08H	.98			TEH	TEC	.610	RBARD	105	C	
93	134	1.00	86	PCT	17	P3	08H	.81			07H	VS3	.580	ZPUMZ	200	H	X45
95	134	.56	53	PCT	11	P3	08H	-.09			07H	VS3	.580	ZPUMZ	200	H	X45
97	134	.76	94	PCT	19	P2	07H	-.98			TEH	TEC	.610	RBARD	105	C	
97	134	.61	71	PCT	16	P2	08H	1.03			TEH	TEC	.610	RBARD	105	C	
97	134	1.14	85	PCT	19	P3	07H	-1.05			07H	VS3	.580	ZPUMZ	200	H	X45
97	134	.70	67	PCT	13	P3	08H	.93			07H	VS3	.580	ZPUMZ	200	H	X45
99	134	.74	59	PCT	13	P3	BW1	2.06			07H	VS3	.580	ZPUMZ	200	H	X45
101	134	.59	102	PCT	15	P2	08H	.96			TEH	TEC	.610	RBARD	105	C	
101	134	.52	91	PCT	14	P2	BW1	1.85			TEH	TEC	.610	RBARD	105	C	
101	134	.68	52	PCT	13	P3	08H	.81			07H	VS3	.580	ZPUMZ	219	H	X60
101	134	1.61	101	PCT	25	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	219	H	X60
103	134	.61	109	PCT	16	P2	08H	-.15			TEH	TEC	.610	RBARD	105	C	
103	134	1.18	62	PCT	19	P3	08H	-.19			07H	VS3	.580	ZPUMZ	221	H	X60
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
103	134	1.02	50	PCT	16	P3	08H	.84			07H	VS3	.580	ZPUMZ	221	H	X60
105	134	.57	108	PCT	15	P2	08H	1.03			TEH	TEC	.610	RBARD	105	C	
105	134	.62	60	PCT	12	P3	08H	.85			07H	VS3	.580	ZPUMZ	219	H	X60
107	134	.81	62	PCT	14	P3	08H	-.11			07H	VS3	.580	ZPUMZ	221	H	X60
113	134	.92	69	PCT	17	P3	BW1	2.01			07H	VS3	.580	ZPUMZ	219	H	X60
115	134	.39	101	PCT	12	P2	BW1	1.75			TEC	TEH	.610	RBARD	147	H	
115	134	.81	108	SVI	14	P3	BW1	1.57		.30	07H	VS3	.580	ZPUMZ	221	H	TTW
115	134																X60
117	134	.62	75	PCT	12	P3	09H	-.63			07H	VS3	.580	ZPUMZ	219	H	X60
125	134	.65	105	PCT	11	P5	BW1	2.02			07H	VS3	.580	ZPUMZ	238	H	X75
125	134	.63	88	PCT	11	P5	VS2	-.69			07H	VS3	.580	ZPUMZ	238	H	X75
135	134	.67	40	PCT	12	P3	08H	.82			07H	VS3	.580	ZPUMZ	240	H	X75
135	134	.58	52	PCT	11	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	240	H	DQA
135	134																X75
139	134	1.32	105	PCT	21	P5	BW1	1.77			07H	BW1	.580	ZPUMZ	240	H	X75
139	134	1.07	92	PCT	18	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	247	H	X75
141	134	.69	81	PCT	12	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	238	H	X75
143	134	.70	39	PCT	13	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	241	H	X75
58	135	.10	165	SAI		P2	VS5	-.83		.20	VS5	VS5	.580	ZPUFZ	129	C	DQA
58	135	.46	140	SAI		P3	VS5	-.83		.20	VS5	VS5	.580	ZPUFZ	129	C	
60	135	.95	79	PCT	15	P3	VS3	-.82			VS3	VS3	.580	ZPUFZ	190	H	
62	135	.72	52	PCT	12	P3	BW1	2.03			BW1	VS3	.580	ZPUFZ	190	H	
64	135	.39	88	PCT	10	P2	BW1	1.89			TEH	TEC	.610	RBARD	66	C	
64	135	1.02	68	PCT	19	P3	BW1	1.80			07H	VS3	.580	ZPUFZ	190	H	
66	135	.79	135	PCT	18	P2	08H	1.10			TEH	TEC	.610	RBARD	66	C	
66	135	.62	91	PCT	12	P3	08H	1.01			08H	VS3	.580	ZPUFZ	190	H	
70	135	.69	80	PCT	11	P3	VS3	-.73			VS3	VS3	.580	ZPUFZ	190	H	
72	135	.65	79	PCT	15	P2	08H	.99			TEH	TEC	.610	RBARD	66	C	
72	135	.86	108	PCT	15	P3	08H	.97			08H	08H	.600	ZPAHZ	114	H	
74	135	.38	41	PCT	10	P2	08H	1.05			TEH	TEC	.610	RBARD	66	C	
74	135	.87	54	PCT	16	P3	08H	.99			08H	08H	.600	ZPAHZ	114	H	
74	135	1.39	64	PCT	21	P3	VS3	.60			VS3	VS3	.580	ZPUFZ	190	H	
76	135	.83	133	PCT	18	P2	08H	.98			TEH	TEC	.610	RBARD	104	C	
76	135	.57	86	PCT	10	P3	07H	.96			07H	07H	.600	ZPAHZ	114	H	
76	135	.95	66	PCT	16	P3	08H	.76			08H	08H	.600	ZPAHZ	114	H	
76	135	1.28	87	PCT	20	P3	08H	.81			08H	08H	.600	ZPAHZ	114	H	
78	135	.67	131	PCT	15	P2	08H	1.11			TEH	TEC	.610	RBARD	104	C	
78	135	1.27	93	PCT	21	P3	08H	1.01			08H	08H	.600	ZPAHZ	114	H	
80	135	.67	79	PCT	13	P3	08H	-.78			08H	08H	.600	ZPAHZ	114	H	
80	135	1.04	75	PCT	18	P3	08H	1.07			08H	08H	.600	ZPAHZ	114	H	
82	135	.53	105	PCT	12	P2	BW1	1.86			TEH	TEC	.610	RBARD	104	C	
82	135	1.35	104	PCT	20	P3	BW1	1.85			BW1	VS3	.580	ZPUFZ	190	H	
84	135	.57	93	PCT	13	P2	BW1	1.86			TEH	TEC	.610	RBARD	104	C	
84	135	1.65	79	PCT	24	P3	BW1	1.83			BW1	VS3	.580	ZPUFZ	190	H	
84	135	.52	41	PCT	11	P3	VS3	-.83			BW1	VS3	.580	ZPUFZ	190	H	
86	135	1.03	93	PCT	18	P3	08H	-.82			08H	08H	.600	ZPAHZ	114	H	
86	135	1.11	86	PCT	19	P3	08H	.90			08H	08H	.600	ZPAHZ	114	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
88	135	.85	119	PCT	18	P2	BW1	1.88			TEH	TEC	.610	RBARD	104	C	
88	135	2.21	76	PCT	29	P3	BW1	1.87			BW1	VS3	.580	ZPUFZ	190	H	
92	135	.62	132	PCT	14	P2	08H	.95			TEH	TEC	.610	RBARD	104	C	
92	135	.87	69	PCT	16	P3	08H	.82			07H	VS3	.580	ZPUMZ	199	H	X45
92	135	.99	82	PCT	18	P3	BW1	1.95			07H	VS3	.580	ZPUMZ	199	H	X45
94	135	.88	88	PCT	18	P2	08H	1.02			TEH	TEC	.610	RBARD	104	C	
94	135	.77	89	PCT	14	P3	08H	-.12			07H	VS3	.580	ZPUMZ	199	H	X45
94	135	1.21	79	PCT	21	P3	08H	.87			07H	VS3	.580	ZPUMZ	199	H	X45
96	135	.66	103	PCT	13	P3	08H	-.86			07H	VS3	.580	ZPUMZ	199	H	X45
96	135	1.09	82	PCT	19	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	199	H	X45
100	135	.79	91	PCT	14	P3	08H	.90			07H	VS3	.580	ZPUMZ	218	H	X60
100	135	1.09	84	PCT	18	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	218	H	X60
102	135	.60	95	PCT	11	P3	08H	-.22			07H	VS3	.580	ZPUMZ	218	H	X60
102	135	.75	95	PCT	13	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	218	H	X60
102	135	.73	98	PCT	12	P5	VS2	-.86			07H	VS3	.580	ZPUMZ	218	H	X60
106	135	.58	61	PCT	10	P5	BW1	-1.98			07H	VS3	.580	ZPUMZ	218	H	X60
116	135	.95	67	PCT	15	P5	BW1	1.99			07H	VS3	.580	ZPUMZ	220	H	X60
122	135	.35	117	PCT	10	P2	BW1	1.96			TEC	TEH	.610	RBARD	168	H	
122	135	1.17	67	PCT	19	P3	BW1	2.04			07H	VS3	.580	ZPUMZ	218	H	X60
124	135	.56	63	PCT	10	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	220	H	X60
128	135	.51	31	PCT	9	P3	VS5	1.08			VS5	VS5	.580	ZPUFZ	132	C	DQA
132	135	.79	91	PCT	14	P3	09H	.93			07H	VS3	.580	ZPUMZ	241	H	X75
134	135	.79	83	PCT	13	P3	08H	.82			07H	VS3	.580	ZPUMZ	244	H	DQA
134	135																X75
136	135	1.01	70	PCT	17	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	241	H	X75
140	135	.73	53	PCT	13	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	241	H	X75
144	135	.88	68	PCT	13	P3	03C	.29			03C	03C	.600	ZPAHZ	20	C	DQA
144	135	2.13	79	PCT	27	P3	03C	.85			03C	03C	.600	ZPAHZ	20	C	DQA
144	135	1.29	80	PCT	19	P3	03C	.86			03C	03C	.600	ZPAHZ	20	C	DQA
144	135	1.91	105	PCT	35	P2	03C	.78			TEC	TEH	.610	RBARD	147	H	
17	136	.62	153	PCT	11	P3	VS4	-1.01			07H	BW2	.580	ZPUFZ	179	H	
53	136	.85	70	PCT	13	P3	BW1	2.03			BW1	VS3	.580	ZPUFZ	190	H	
67	136	1.14	81	PCT	17	P3	08H	.26			08H	VS3	.580	ZPUFZ	190	H	
67	136	.72	104	PCT	12	P3	BW1	-1.71			08H	VS3	.580	ZPUFZ	190	H	
69	136	1.91	67	PCT	26	P3	VS3	.19			VS3	VS3	.580	ZPUFZ	190	H	
69	136	.74	84	PCT	12	P3	VS3	.73			VS3	VS3	.580	ZPUFZ	190	H	
71	136	.51	26	PCT	14	P2	06H	1.05			TEH	TEC	.610	RBARD	67	C	
71	136	.77	72	PCT	14	P3	06H	1.00			06H	06H	.600	ZPAHZ	114	H	
73	136	.67	51	PCT	12	P3	08H	-.41			08H	08H	.600	ZPAHZ	310	H	
75	136	.64	50	PCT	10	P3	VS3	.16			VS3	VS3	.580	ZPUFZ	190	H	
75	136	1.42	62	PCT	21	P3	VS3	.68			VS3	VS3	.580	ZPUFZ	190	H	
77	136	1.18	95	PCT	25	P2	06H	.93			TEH	TEC	.610	RBARD	105	C	
77	136	1.52	75	PCT	24	P3	06H	.99			06H	06H	.600	ZPAHZ	114	H	
77	136	1.71	79	PCT	24	P3	VS3	.58			VS3	VS3	.580	ZPUFZ	190	H	
79	136	1.40	123	PCT	28	P2	VS3	-.90			TEH	TEC	.610	RBARD	105	C	
79	136	1.19	54	PCT	25	P2	VS3	.27			TEH	TEC	.610	RBARD	105	C	
79	136	1.99	114	PCT	34	P2	VS3	1.02			TEH	TEC	.610	RBARD	105	C	
79	136	.98	68	PCT	15	P3	VS5	.31			VS5	VS5	.580	ZPUFZ	129	C	DQA

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
79	136	1.02	63	PCT	16	P3	VS5	.76			VS5	VS5	.580	ZPUFZ	129	C	
79	136	2.08	86	PCT	28	P3	VS3	-1.03			VS3	VS3	.580	ZPUFZ	190	H	
79	136	1.45	88	PCT	21	P3	VS3	.30			VS3	VS3	.580	ZPUFZ	190	H	
79	136	.80	78	PCT	13	P3	VS3	.70			VS3	VS3	.580	ZPUFZ	190	H	
79	136	2.69	70	PCT	34	P3	VS3	.96			VS3	VS3	.580	ZPUFZ	190	H	
81	136	1.27	78	PCT	19	P3	BW1	1.60			BW1	VS3	.580	ZPUFZ	190	H	
83	136	.74	107	PCT	18	P2	08H	-.86			TEH	TEC	.610	RBARD	105	C	
83	136	1.12	107	PCT	24	P2	VS3	.17			TEH	TEC	.610	RBARD	105	C	
83	136	1.67	89	PCT	25	P3	08H	-.83			08H	08H	.600	ZPAHZ	114	H	
83	136	1.20	81	PCT	20	P3	08H	.90			08H	08H	.600	ZPAHZ	114	H	
83	136	2.07	80	PCT	28	P3	VS3	.19			VS3	VS3	.580	ZPUFZ	190	H	
83	136	1.19	75	PCT	18	P3	VS3	.78			VS3	VS3	.580	ZPUFZ	190	H	
85	136	.55	113	PCT	15	P2	08H	-.86			TEH	TEC	.610	RBARD	105	C	
85	136	1.46	87	PCT	23	P3	08H	-.87			08H	08H	.600	ZPAHZ	114	H	
87	136	.92	69	PCT	16	P3	08H	.82			08H	08H	.600	ZPAHZ	114	H	
87	136	1.29	99	PCT	19	P3	BW1	1.93			BW1	VS3	.580	ZPUFZ	190	H	
87	136	.60	47	PCT	10	P3	VS2	-.68			BW1	VS3	.580	ZPUFZ	190	H	
87	136	.79	76	PCT	13	P3	VS2	.83			BW1	VS3	.580	ZPUFZ	190	H	
89	136	.71	44	PCT	13	P3	08H	-.09			07H	VS3	.580	ZPUMZ	200	H	X45
91	136	1.03	60	PCT	16	P5	BW2	1.80			07C	VS5	.580	ZPUMZ	118	C	X45
91	136	.68	84	PCT	13	P3	08H	.87			07H	VS3	.580	ZPUMZ	200	H	X45
91	136	.61	75	PCT	11	P3	BW1	1.86			07H	VS3	.580	ZPUMZ	200	H	X45
95	136	.74	102	PCT	18	P2	08H	1.06			TEH	TEC	.610	RBARD	105	C	
95	136	.89	38	PCT	16	P3	08H	.99			07H	VS3	.580	ZPUMZ	200	H	X45
95	136	.65	57	PCT	13	P5	VS2	-.90			07H	VS3	.580	ZPUMZ	200	H	X45
107	136	.54	141	PCT	14	P2	VS2	.86			TEH	TEC	.610	RBARD	105	C	
107	136	.96	81	PCT	17	P5	VS2	.88			07H	VS3	.580	ZPUMZ	219	H	X60
109	136	.66	135	PCT	17	P2	VS2	.88			TEH	TEC	.610	RBARD	105	C	
109	136	.52	68	SVI		P3	08C	24.43		.10	07C	VS5	.580	ZPUMZ	120	C	NC
109	136																PIT
109	136																X60
109	136	.62	79	PCT	12	P5	VS2	.85			07H	VS3	.580	ZPUMZ	221	H	X60
115	136	.41	149	PCT	12	P2	VS2	.72			TEC	TEH	.610	RBARD	145	H	
115	136	.72	65	PCT	13	P5	VS2	.95			07H	VS3	.580	ZPUMZ	219	H	X60
133	136	.32	74	PCT	11	P2	BW1	2.02			TEC	TEH	.610	RBARD	148	H	
133	136	.62	59	PCT	11	P5	BW1	2.06			07H	VS3	.580	ZPUMZ	252	H	X75
137	136	.70	48	PCT	13	P5	BW1	-2.13			07H	VS3	.580	ZPUMZ	245	H	X75
141	136	.82	78	PCT	14	P5	BW1	2.01			07H	VS3	.580	ZPUMZ	245	H	X75
143	136	1.63	86	PCT	22	P3	03C	.81			03C	03C	.600	ZPAHZ	20	C	DQA
143	136	.98	71	PCT	15	P3	02C	.90			02C	02C	.600	ZPAHZ	20	C	DQA
143	136	1.13	79	SVI		P3	07C	13.76		.30	07C	08C	.600	ZPAHZ	137	C	NC
143	136																PIT
143	136	1.36	106	PCT	29	P2	03C	.77			TEC	TEH	.610	RBARD	148	H	
143	136	.78	85	PCT	21	P2	02C	.89			TEC	TEH	.610	RBARD	148	H	
64	137	1.03	64	PCT	16	P3	VS3	.53			VS3	VS3	.580	ZPUFZ	190	H	
66	137	1.77	128	PCT	30	P2	08H	.61			TEH	TEC	.610	RBARD	66	C	
66	137	2.04	74	PCT	30	P3	08H	.04			08H	VS3	.580	ZPUFZ	187	H	
66	137	.58	132	PCT	10	P3	VS3	.49			08H	VS3	.580	ZPUFZ	187	H	
70	137	1.38	45	PCT	22	P3	08H	.97			08H	08H	.600	ZPAHZ	114	H	
72	137	.99	122	PCT	21	P2	VS3	-.20			TEH	TEC	.610	RBARD	66	C	
72	137	1.34	91	PCT	22	P3	VS3	-.15			VS3	VS3	.580	ZPUFZ	187	H	
74	137	.77	71	PCT	13	P3	BW1	-1.82			BW1	VS3	.580	ZPUFZ	187	H	
74	137	.81	73	PCT	13	P3	BW1	1.69			BW1	VS3	.580	ZPUFZ	187	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
76	137	1.10	102	PCT	22	P2	08H	.93			TEH	TEC	.610	RBARD	104	C	
76	137	.56	59	PCT	11	P3	08H	-.83			08H	08H	.600	ZPAHZ	114	H	
76	137	1.92	88	PCT	28	P3	08H	.95			08H	08H	.600	ZPAHZ	114	H	
78	137	.44	88	PCT	10	P2	BW1	1.94			TEH	TEC	.610	RBARD	104	C	
78	137	2.25	114	PCT	33	P2	VS5	-.68			TEH	TEC	.610	RBARD	104	C	
78	137	1.80	75	PCT	25	P3	VS5	-.91			VS5	VS5	.580	ZPUFZ	129	C	
78	137	2.51	77	PCT	31	P3	VS5	-.62			VS5	VS5	.580	ZPUFZ	129	C	DQA
78	137	.41	50	PCT	9	P3	BW1	-1.82			BW1	VS3	.580	ZPUFZ	190	H	
78	137	1.16	84	PCT	18	P3	BW1	2.03			BW1	VS3	.580	ZPUFZ	190	H	
78	137	.54	62	PCT	11	P3	VS3	-.84			BW1	VS3	.580	ZPUFZ	190	H	
78	137	.87	68	PCT	14	P3	VS3	.07			BW1	VS3	.580	ZPUFZ	190	H	
80	137	.64	139	PCT	14	P2	VS3	-.86			TEH	TEC	.610	RBARD	104	C	
80	137	1.36	73	PCT	22	P3	08H	.99			08H	08H	.600	ZPAHZ	114	H	
80	137	1.02	66	PCT	16	P3	VS3	-.84			BW1	VS3	.580	ZPUFZ	190	H	
84	137	.48	122	PCT	11	P2	BW1	1.94			TEH	TEC	.610	RBARD	104	C	
84	137	1.45	80	PCT	21	P3	BW1	1.85			BW1	VS3	.580	ZPUFZ	190	H	
86	137	.74	92	PCT	16	P2	08H	.96			TEH	TEC	.610	RBARD	104	C	
86	137	.96	70	PCT	17	P3	08H	.83			08H	08H	.600	ZPAHZ	114	H	
86	137	1.06	67	PCT	18	P3	08H	.92			08H	08H	.600	ZPAHZ	114	H	
88	137	1.02	67	PCT	17	P3	08H	.89			08H	08H	.600	ZPAHZ	310	H	
90	137	.57	139	PCT	13	P2	08H	.92			TEH	TEC	.610	RBARD	104	C	
90	137	.72	78	PCT	13	P3	08H	.87			07H	VS3	.580	ZPUMZ	199	H	X45
92	137	1.27	42	MCI		P4	TSH	-16.47		.30	TSH	TSH	.600	ZPAHZ	102	H	RBI
92	137	1.59	74	MCI		P2	TSH	-16.47		.20	TSH	TSH	.600	ZPAHZ	102	H	
92	137	5.65	21	MCI		P4	TEH	.33		1.30	TEH	TSH	.600	ZPAHZ	303	H	
92	137	7.70	20	MCI		P2	TEH	.33		1.50	TEH	TSH	.600	ZPAHZ	303	H	
92	137	1.22	69	MCI		P2	TSH	-21.15		.20	TEH	TSH	.600	ZPAHZ	303	H	
92	137	3.11	51	MCI		P4	TSH	-21.15		.20	TEH	TSH	.600	ZPAHZ	303	H	
92	137	3.00	42	MCI		P4	TSH	-20.92		.20	TEH	TSH	.600	ZPAHZ	303	H	
92	137	1.21	66	MCI		P2	TSH	-20.92		.30	TEH	TSH	.600	ZPAHZ	303	H	
92	137	3.24	41	MCI		P4	TSH	-20.67		.20	TEH	TSH	.600	ZPAHZ	303	H	
92	137	1.41	73	MCI		P2	TSH	-20.67		.30	TEH	TSH	.600	ZPAHZ	303	H	
92	137	.88	79	MCI		P2	TSH	-20.47		.20	TEH	TSH	.600	ZPAHZ	303	H	
92	137	1.14	40	MCI		P4	TSH	-20.47		.20	TEH	TSH	.600	ZPAHZ	303	H	
94	137	.81	45	SAI		P5	VS5	-.78		.30	07C	VS5	.580	ZPUMZ	119	C	X45
94	137	.00	0	SAI		P2	VS5	-.78		.00	VS5	VS5	.580	ZPUFZ	131	C	
94	137	.55	64	PCT	11	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	199	H	X45
96	137	.77	85	PCT	14	P3	08H	.90			07H	VS3	.580	ZPUMZ	199	H	X45
96	137	.99	80	PCT	18	P3	BW1	1.91			07H	VS3	.580	ZPUMZ	199	H	X45
98	137	.69	151	PCT	15	P2	VS2	-.83			TEH	TEC	.610	RBARD	104	C	
98	137	1.05	91	PCT	17	P5	VS2	-.88			07H	VS3	.580	ZPUMZ	199	H	X45
100	137	.78	69	PCT	13	P5	BW1	-1.77			07H	VS3	.580	ZPUMZ	218	H	X60
100	137	1.12	62	PCT	18	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	218	H	X60
100	137	.81	77	PCT	14	P5	VS2	-.90			07H	VS3	.580	ZPUMZ	218	H	X60
102	137	.69	56	PCT	12	P5	BW1	1.96			07H	VS3	.580	ZPUMZ	220	H	X60
104	137	.94	49	PCT	16	P3	08H	-.16			07H	VS3	.580	ZPUMZ	218	H	X60
108	137	.81	43	PCT	14	P3	08H	.97			07H	VS3	.580	ZPUMZ	218	H	X60
110	137	.65	54	PCT	11	P5	VS2	-1.02			07H	VS3	.580	ZPUMZ	220	H	X60
114	137	.67	63	PCT	11	P5	BW1	1.97			07H	VS3	.580	ZPUMZ	220	H	X60
116	137	.68	110	PCT	12	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	218	H	X60
118	137	.64	46	PCT	11	P3	09H	-.90			07H	VS3	.580	ZPUMZ	220	H	X60
122	137	.91	60	SAI		P5	VS6	.68		.20	07C	VS5	.580	ZPUMZ	121	C	X60
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
122	137	.00	0	SAI		P2	VS6	.68		.00	VS6	VS6	.580	ZPUFZ	131	C	
124	137	.89	72	PCT	16	P3	08C	-.74			07C	VS5	.580	ZPUMZ	121	C	X60
124	137	.74	66	PCT	14	P3	07C	1.32			07C	VS5	.580	ZPUMZ	121	C	X60
134	137	1.24	71	PCT	21	P5	BW1	1.93			07H	VS3	.580	ZPUMZ	253	H	X75
136	137	.63	89	PCT	11	P3	BW1	2.07			07H	VS3	.580	ZPUMZ	255	H	X75
138	137	1.03	86	PCT	17	P5	BW1	1.73			07H	VS3	.580	ZPUMZ	252	H	X75
33	138	.20	27	SAI		P2	VS4	.72		.50	VS4	VS4	.580	ZPUFZ	179	H	
33	138	.83	65	SAI		P3	VS4	.72		.40	VS4	VS4	.580	ZPUFZ	179	H	
55	138	.45	50	SCI		P4	TSH	-15.32		.20	TSH	TSH	.600	ZPAHZ	42	H	
55	138	.70	49	SCI		P2	TSH	-15.32		.30	TSH	TSH	.600	ZPAHZ	42	H	
67	138	1.08	105	PCT	25	P2	08H	-.90			TEH	TEC	.610	RBARD	67	C	
67	138	.89	64	PCT	14	P3	08H	-.93			08H	VS3	.580	ZPUFZ	187	H	
67	138	.64	68	PCT	11	P3	BW1	-2.01			08H	VS3	.580	ZPUFZ	187	H	
67	138	.59	73	PCT	10	P3	BW1	1.77			08H	VS3	.580	ZPUFZ	187	H	
73	138	1.71	110	PCT	32	P2	08H	.93			TEH	TEC	.610	RBARD	67	C	
73	138	.81	129	PCT	20	P2	VS3	.91			TEH	TEC	.610	RBARD	67	C	
73	138	.91	93	PCT	16	P3	08H	-.80			08H	08H	.600	ZPAHZ	114	H	
73	138	2.53	85	PCT	33	P3	08H	.74			08H	08H	.600	ZPAHZ	114	H	
73	138	.67	76	PCT	13	P3	08H	.91			08H	08H	.600	ZPAHZ	114	H	
73	138	1.33	81	PCT	22	P3	VS3	.87			VS3	VS3	.580	ZPUFZ	187	H	
75	138	.54	115	PCT	15	P2	VS3	-.98			TEH	TEC	.610	RBARD	67	C	
75	138	.99	98	PCT	17	P3	BW1	-1.75			BW1	VS3	.580	ZPUFZ	187	H	
75	138	.92	86	PCT	16	P3	VS3	-.92			BW1	VS3	.580	ZPUFZ	187	H	
87	138	.42	100	PCT	12	P2	BW1	1.82			TEH	TEC	.610	RBARD	105	C	
87	138	.64	102	PCT	10	P3	BW1	-1.70			BW1	VS3	.580	ZPUFZ	190	H	
87	138	1.41	70	PCT	21	P3	BW1	1.81			BW1	VS3	.580	ZPUFZ	190	H	
89	138	.67	64	PCT	12	P3	BW1	1.32			07H	VS3	.580	ZPUMZ	200	H	X45
93	138	.56	99	PCT	15	P2	08H	1.01			TEH	TEC	.610	RBARD	105	C	
93	138	.70	78	PCT	13	P3	08H	.91			07H	VS3	.580	ZPUMZ	200	H	X45
93	138	.72	50	PCT	13	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	200	H	X45
93	138	.68	68	PCT	13	P5	VS2	-.93			07H	VS3	.580	ZPUMZ	200	H	X45
99	138	.66	39	PCT	12	P3	BW1	2.13			07H	VS3	.580	ZPUMZ	200	H	X45
101	138	.59	77	PCT	15	P2	08H	1.00			TEH	TEC	.610	RBARD	105	C	
101	138	.58	56	PCT	12	P3	08H	1.08			07H	VS3	.580	ZPUMZ	219	H	X60
101	138	.90	73	PCT	16	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	219	H	X60
103	138	.48	75	PCT	13	P2	VS2	.84			TEH	TEC	.610	RBARD	105	C	
103	138	.76	47	PCT	13	P3	BW1	-2.04			07H	VS3	.580	ZPUMZ	221	H	X60
105	138	.70	52	PCT	13	P5	BW1	-.89			07H	VS3	.580	ZPUMZ	219	H	X60
107	138	.58	40	PCT	15	P2	VS2	.82			TEH	TEC	.610	RBARD	105	C	
107	138	.63	50	PCT	11	P3	08H	.85			07H	VS3	.580	ZPUMZ	221	H	X60
107	138	.56	92	PCT	11	P5	VS2	.86			07H	VS3	.580	ZPUMZ	221	H	X60
111	138	.40	81	PCT	11	P2	08H	.96			TEH	TEC	.610	RBARD	105	C	
111	138	.62	72	PCT	11	P3	08H	.95			07H	VS3	.580	ZPUMZ	221	H	X60
117	138	.84	33	PCT	16	P3	BW1	1.05			07H	VS3	.580	ZPUMZ	219	H	X60
121	138	.87	39	PCT	16	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	219	H	X60
123	138	.54	38	PCT	11	P5	VS1	-.71			07H	VS3	.580	ZPUMZ	221	H	X60
127	138	1.22	86	PCT	20	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	254	H	X75
133	138	.34	166	PCT	11	P2	BW1	1.84			TEC	TEH	.610	RBARD	170	H	
133	138	1.26	53	PCT	19	P5	BW1	-1.76			07H	VS3	.580	ZPUMZ	252	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
133	138	1.74	72	PCT	25	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	252	H	X75
139	138	1.04	69	PCT	17	P5	BW1	-1.94			07H	VS3	.580	ZPUMZ	254	H	X75
141	138	1.15	79	PCT	20	P3	04H	.11			04H	04H	.600	ZPAHZ	120	H	
141	138	.73	110	PCT	20	P2	04H	-.02			TEC	TEH	.610	RBARD	148	H	
141	138	2.42	93	PCT	39	P2	07H	.06			TEC	TEH	.610	RBARD	148	H	
141	138	.50	74	PCT	15	P2	09H	.08			TEC	TEH	.610	RBARD	148	H	
141	138	.76	137	PCT	20	P2	VS1	.63			TEC	TEH	.610	RBARD	148	H	
141	138	2.93	77	PCT	37	P3	07H	.12			07H	VS3	.580	ZPUMZ	255	H	X75
141	138	.82	68	PCT	14	P3	08H	.81			07H	VS3	.580	ZPUMZ	255	H	X75
141	138	.93	83	PCT	16	P3	09H	.14			07H	VS3	.580	ZPUMZ	255	H	X75
141	138	1.58	85	PCT	25	P5	VS1	.86			07H	VS3	.580	ZPUMZ	255	H	X75
30	139	.56	87	SAI		P3	VS4	-.83		.40	VS4	VS4	.580	ZPUFZ	179	H	
30	139	.23	14	SAI		P2	VS4	-.83		.10	VS4	VS4	.580	ZPUFZ	179	H	
66	139	.74	153	PCT	17	P2	08H	1.09			TEH	TEC	.610	RBARD	66	C	
66	139	.55	109	PCT	11	P3	08H	.97			08H	VS3	.580	ZPUFZ	187	H	
66	139	.73	71	PCT	14	P3	BW1	-1.75			08H	VS3	.580	ZPUFZ	187	H	
68	139	.71	78	PCT	13	P3	VS3	-.63			VS3	VS3	.580	ZPUFZ	187	H	
70	139	1.14	90	PCT	19	P3	08H	.96			08H	08H	.600	ZPAHZ	114	H	
76	139	1.02	114	PCT	21	P2	08H	.90			TEH	TEC	.610	RBARD	102	C	
76	139	1.02	79	PCT	18	P3	08H	-.83			08H	08H	.600	ZPAHZ	114	H	
76	139	1.16	74	PCT	20	P3	08H	.96			08H	08H	.600	ZPAHZ	114	H	
76	139	1.05	84	PCT	18	P3	08H	.99			08H	08H	.600	ZPAHZ	114	H	
82	139	3.01	124	PCT	39	P2	VS3	-.78			TEH	TEC	.610	RBARD	102	C	
82	139	.96	152	PCT	20	P2	VS5	-.73			TEH	TEC	.610	RBARD	102	C	
82	139	1.15	94	PCT	18	P3	VS5	-.85			VS5	VS5	.580	ZPUFZ	129	C	
82	139	.59	101	PCT	10	P3	VS5	.82			VS5	VS5	.580	ZPUFZ	129	C	DQA
82	139	.97	78	PCT	16	P3	BW1	1.89			BW1	VS3	.580	ZPUFZ	189	H	
82	139	2.88	79	PCT	36	P3	VS3	-.97			BW1	VS3	.580	ZPUFZ	189	H	
84	139	.60	92	PCT	11	P3	VS3	-.90			VS3	VS3	.580	ZPUFZ	306	H	
86	139	1.00	84	PCT	16	P3	08H	.88			08H	08H	.600	ZPAHZ	310	H	
88	139	1.23	129	PCT	24	P2	BW1	2.08			TEH	TEC	.610	RBARD	102	C	
88	139	2.49	76	PCT	32	P3	BW1	2.04			BW1	VS3	.580	ZPUFZ	190	H	
88	139	.84	71	PCT	14	P3	08H	-.11			08H	08H	.600	ZPAHZ	310	H	
92	139	.69	62	PCT	13	P3	08H	.78			07H	VS3	.580	ZPUMZ	199	H	X45
94	139	.55	67	PCT	11	P3	08H	.88			07H	VS3	.580	ZPUMZ	199	H	X45
98	139	.35	133	PCT	9	P2	08H	.97			TEH	TEC	.610	RBARD	104	C	
98	139	.65	68	PCT	12	P3	08H	.93			07H	VS3	.580	ZPUMZ	199	H	X45
100	139	.35	86	PCT	9	P2	BW1	1.96			TEH	TEC	.610	RBARD	104	C	
100	139	1.14	107	PCT	18	P5	BW1	1.69			07H	VS3	.580	ZPUMZ	218	H	X60
102	139	.61	85	PCT	11	P3	08H	-.24			07H	VS3	.580	ZPUMZ	218	H	X60
102	139	.72	119	PCT	12	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	218	H	X60
104	139	.71	39	PCT	12	P5	BW1	-1.89			07H	VS3	.580	ZPUMZ	220	H	X60
106	139	.88	82	PCT	15	P5	BW1	-1.92			07H	VS3	.580	ZPUMZ	218	H	X60
110	139	.86	66	PCT	15	P3	08H	.89			07H	VS3	.580	ZPUMZ	218	H	X60
118	139	.84	77	PCT	14	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	218	H	X60
122	139	.43	126	PCT	13	P2	BW1	1.83			TEC	TEH	.610	RBARD	147	H	
122	139	1.38	84	PCT	21	P3	BW1	2.01			07H	VS3	.580	ZPUMZ	218	H	X60
122	139	.64	89	PCT	11	P5	VS1	.98			07H	VS3	.580	ZPUMZ	218	H	X60
126	139	.83	72	PCT	15	P5	BW1	-2.14			07H	VS3	.580	ZPUMZ	253	H	X75
126	139	.72	82	PCT	13	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	253	H	X75
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
132	139	.85	75	SVI	15	P3	BW1	2.40		.60	07H	VS3	.580	ZPUMZ	255	H	TTW
132	139																X75
132	139	.56	106	SAI		P5	VS1	.42		.60	07H	VS3	.580	ZPUMZ	255	H	X75
132	139	.31	96	SAI		P2	VS1	.42		.40	VS1	VS1	.580	ZPUFZ	323	H	
134	139	.47	93	PCT	14	P2	BW1	1.92			TEC	TEH	.610	RBARD	147	H	
134	139	1.39	70	PCT	23	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	253	H	X75
136	139	.77	113	PCT	13	P3	BW1	1.73			07H	VS3	.580	ZPUMZ	255	H	X75
138	139	.66	91	PCT	11	P3	02C	-.93			02C	02C	.600	ZPAHZ	21	C	DQA
140	139	.87	65	PCT	14	P3	03C	.89			03C	03C	.600	ZPAHZ	21	C	DQA
140	139	.71	77	PCT	19	P2	03C	.94			TEC	TEH	.610	RBARD	147	H	
67	140	.82	70	PCT	15	P3	08H	-1.80			08H	VS3	.580	ZPUFZ	187	H	
69	140	.61	133	PCT	17	P2	08H	-.99			TEH	TEC	.610	RBARD	67	C	
69	140	1.70	84	PCT	24	P3	08H	-.81			08H	08H	.600	ZPAHZ	114	H	
79	140	.57	131	PCT	16	P2	08H	.87			TEH	TEC	.610	RBARD	103	C	
79	140	1.20	85	PCT	20	P3	08H	.96			08H	08H	.600	ZPAHZ	114	H	
79	140	1.32	88	PCT	22	P3	BW1	2.02			BW1	VS3	.580	ZPUFZ	187	H	
81	140	1.28	61	PCT	19	P3	VS5	-.86			VS5	VS5	.580	ZPUFZ	129	C	
81	140	.51	74	PCT	9	P3	VS5	1.21			VS5	VS5	.580	ZPUFZ	129	C	DQA
81	140	1.65	90	PCT	25	P3	BW1	-1.88			BW1	VS3	.580	ZPUFZ	189	H	
81	140	.60	104	PCT	11	P3	VS3	-.84			BW1	VS3	.580	ZPUFZ	189	H	
87	140	.65	130	PCT	18	P2	BW1	1.87			TEH	TEC	.610	RBARD	103	C	
87	140	1.02	71	PCT	18	P3	08H	.93			08H	08H	.600	ZPAHZ	114	H	
87	140	.89	75	PCT	15	P3	BW1	-1.67			BW1	VS3	.580	ZPUFZ	189	H	
87	140	1.83	72	PCT	27	P3	BW1	1.85			BW1	VS3	.580	ZPUFZ	189	H	
91	140	.63	75	PCT	12	P3	08H	.84			07H	VS3	.580	ZPUMZ	200	H	X45
93	140	.62	38	PCT	12	P3	BW1	1.19			07H	VS3	.580	ZPUMZ	200	H	X45
101	140	.59	55	PCT	12	P3	08H	-.15			07H	VS3	.580	ZPUMZ	219	H	X60
109	140	.56	70	PCT	11	P5	VS2	-.87			07H	VS3	.580	ZPUMZ	221	H	X60
115	140	.67	84	PCT	13	P5	BW1	-2.15			07H	VS3	.580	ZPUMZ	219	H	X60
117	140	.40	116	PCT	12	P2	09H	-.79			TEC	TEH	.610	RBARD	148	H	
117	140	.79	67	PCT	13	P3	09H	-.79			07H	VS3	.580	ZPUMZ	221	H	X60
127	140	.85	49	PCT	14	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	252	H	X75
127	140	.80	70	PCT	14	P3	05H	.00			04H	05H	.600	ZPAHZ	310	H	
129	140	.66	100	PCT	12	P5	BW1	1.71			07H	VS3	.580	ZPUMZ	254	H	X75
131	140	1.05	63	PCT	17	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	252	H	X75
131	140	.56	102	PCT	10	P5	BW1	1.52			07H	VS3	.580	ZPUMZ	252	H	X75
133	140	.52	49	PCT	15	P2	BW1	1.90			TEC	TEH	.610	RBARD	148	H	
133	140	1.05	47	PCT	18	P5	BW1	-1.82			07H	VS3	.580	ZPUMZ	254	H	X75
133	140	1.37	65	PCT	22	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	254	H	X75
139	140	.84	70	PCT	14	P3	02C	-.06			02C	02C	.600	ZPAHZ	21	C	DQA
38	141	.72	89	MCI		P2	TSH	-14.52		.20	TSH	TSH	.600	ZPAHZ	43	H	
38	141	.44	37	MCI		P4	TSH	-14.52		.20	TSH	TSH	.600	ZPAHZ	43	H	
38	141	2.15	7	MCI		P2	TEH	.26		.35	TEH	TSH	.600	ZPAHZ	53	H	
38	141	.99	49	MCI		P4	TEH	.26		.25	TEH	TSH	.600	ZPAHZ	53	H	
38	141	1.04	42	MCI		P4	TEH	.30		.28	TEH	TSH	.600	ZPAHZ	53	H	
38	141	2.27	21	MCI		P2	TEH	.30		.30	TEH	TSH	.600	ZPAHZ	53	H	
44	141	.59	43	PCT	10	P3	VS4	-.49			VS4	VS4	.580	ZPUFZ	179	H	
60	141	.50	60	MCI		P2	TSH	-13.06		.30	TSH	TSH	.600	ZPAHZ	56	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
60	141	.70	34	MCI		P4	TSH	-13.06		.20	TSH	TSH	.600	ZPAHZ	56	H	
60	141	.78	38	MCI		P4	TSH	-12.43		.20	TSH	TSH	.600	ZPAHZ	56	H	
60	141	.53	88	MCI		P2	TSH	-12.43		.30	TSH	TSH	.600	ZPAHZ	56	H	
60	141	.48	115	SAI		P3	VS5	-.73		.30	VS5	VS5	.580	ZPUFZ	129	C	
60	141	.31	59	SAI		P2	VS5	-.73		.30	VS5	VS5	.580	ZPUFZ	129	C	DQA
62	141	1.06	58	PCT	16	P3	VS5	-.68			VS5	VS5	.580	ZPUFZ	129	C	DQA
62	141	1.02	75	PCT	18	P3	VS3	.20			VS3	VS3	.580	ZPUFZ	186	H	
66	141	1.14	72	PCT	19	P3	08H	.84			08H	VS3	.580	ZPUFZ	187	H	
68	141	.97	61	PCT	17	P3	BW1	-2.00			BW1	VS3	.580	ZPUFZ	187	H	
68	141	.80	62	PCT	15	P3	BW1	1.89			BW1	VS3	.580	ZPUFZ	187	H	
68	141	.58	46	PCT	10	P3	VS3	.88			08H	VS3	.580	ZPUFZ	306	H	
70	141	.57	71	PCT	11	P3	VS3	.84			VS3	VS3	.580	ZPUFZ	187	H	
72	141	1.57	80	PCT	25	P3	BW1	1.76			BW1	VS3	.580	ZPUFZ	187	H	
74	141	.53	132	PCT	12	P2	08H	1.01			TEH	TEC	.610	RBARD	64	C	
74	141	.83	79	PCT	15	P3	08H	.91			08H	08H	.600	ZPAHZ	114	H	
74	141	.65	50	PCT	12	P3	08H	.92			08H	08H	.600	ZPAHZ	114	H	
76	141	2.42	108	PCT	35	P2	VS3	-.91			TEH	TEC	.610	RBARD	102	C	
76	141	2.57	62	PCT	35	P3	VS3	-.79			VS3	VS3	.580	ZPUFZ	187	H	
76	141	.77	55	PCT	14	P3	VS3	.97			VS3	VS3	.580	ZPUFZ	187	H	
76	141	.89	57	PCT	15	P3	08H	.80			08H	08H	.600	ZPAHZ	310	H	
78	141	.69	52	PCT	16	P2	VS3	-.85			TEH	TEC	.610	RBARD	102	C	
78	141	1.02	88	PCT	18	P3	VS3	-.77			VS3	VS3	.580	ZPUFZ	187	H	
78	141	.86	74	PCT	15	P3	VS3	.77			VS3	VS3	.580	ZPUFZ	187	H	
80	141	1.22	114	PCT	19	P3	BW1	-1.90			BW1	VS3	.580	ZPUFZ	306	H	
80	141	1.06	84	PCT	17	P3	BW1	1.60			BW1	VS3	.580	ZPUFZ	306	H	
80	141	.77	94	PCT	13	P3	08H	.91			08H	08H	.600	ZPAHZ	310	H	
82	141	.90	76	PCT	15	P3	BW1	-1.84			BW1	VS3	.580	ZPUFZ	189	H	
82	141	1.31	58	PCT	21	P3	VS3	.18			BW1	VS3	.580	ZPUFZ	189	H	
82	141	1.36	62	PCT	21	P3	VS3	.68			BW1	VS3	.580	ZPUFZ	189	H	
84	141	.47	148	PCT	11	P2	BW1	1.81			TEH	TEC	.610	RBARD	102	C	
84	141	1.26	83	PCT	20	P3	BW1	1.67			BW1	VS3	.580	ZPUFZ	189	H	
84	141	.87	52	PCT	15	P3	08H	-.05			08H	08H	.600	ZPAHZ	310	H	
84	141	1.09	54	PCT	18	P3	08H	.99			08H	08H	.600	ZPAHZ	310	H	
86	141	.50	149	PCT	12	P2	08H	.96			TEH	TEC	.610	RBARD	102	C	
86	141	.19	80	MCI		P2	TSH	-20.16		.20	TEH	01H	.600	ZPAHZ	114	H	DQA
86	141	.23	35	MCI		P4	TSH	-20.16		.20	TEH	01H	.600	ZPAHZ	114	H	
86	141	.38	30	MCI		P4	TSH	-17.84		.20	TEH	01H	.600	ZPAHZ	114	H	
86	141	.69	73	MCI		P2	TSH	-17.84		.30	TEH	01H	.600	ZPAHZ	114	H	
86	141	.57	86	MCI		P2	TSH	-15.28		.30	TEH	01H	.600	ZPAHZ	114	H	
86	141	.64	32	MCI		P4	TSH	-15.28		.20	TEH	01H	.600	ZPAHZ	114	H	
86	141	.62	70	MCI		P2	TSH	-14.65		.30	TEH	01H	.600	ZPAHZ	114	H	
86	141	.74	38	MCI		P4	TSH	-14.65		.20	TEH	01H	.600	ZPAHZ	114	H	
86	141	.68	95	PCT	12	P3	08H	1.03			08H	08H	.600	ZPAHZ	114	H	
86	141	.00	0	MCI		P2	TEH	.03		.00	TEH	TSH	.600	ZPAHZ	124	H	
86	141	2.19	28	MCI		P4	TEH	.03		.20	TEH	TSH	.600	ZPAHZ	124	H	
86	141	.61	61	MCI		P2	TEH	5.88		.20	TEH	TSH	.600	ZPAHZ	124	H	DQA
86	141	.56	30	MCI		P4	TEH	5.88		.20	TEH	TSH	.600	ZPAHZ	124	H	RBI
86	141	.60	73	MCI		P2	TEH	8.86		.20	TEH	TSH	.600	ZPAHZ	124	H	
86	141	.74	33	MCI		P4	TEH	8.86		.30	TEH	TSH	.600	ZPAHZ	124	H	
86	141	.78	40	MCI		P4	TEH	9.29		.30	TEH	TSH	.600	ZPAHZ	124	H	
86	141	.49	74	MCI		P2	TEH	9.29		.20	TEH	TSH	.600	ZPAHZ	124	H	
88	141	1.02	100	PCT	21	P2	BW1	1.88			TEH	TEC	.610	RBARD	102	C	
88	141	.54	86	PCT	10	P3	BW1	-1.90			BW1	VS3	.580	ZPUFZ	189	H	
88	141	2.11	83	PCT	30	P3	BW1	1.97			BW1	VS3	.580	ZPUFZ	189	H	
92	141	.73	85	PCT	14	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	199	H	X45
100	141	.40	77	PCT	10	P2	08H	-.10			TEH	TEC	.610	RBARD	102	C	
100	141	.78	64	PCT	14	P3	08H	-.08			07H	VS3	.580	ZPUMZ	211	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
100	141	.89	59	PCT	15	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	211	H	X60
108	141	1.30	68	PCT	20	P5	BW1	-1.88			07H	VS3	.580	ZPUMZ	211	H	X60
112	141	1.07	54	PCT	17	P5	BW1	-1.85			07H	VS3	.580	ZPUMZ	211	H	X60
116	141	.60	96	PCT	10	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	211	H	X60
118	141	.77	85	PCT	13	P3	BW1	-1.99			07H	VS3	.580	ZPUMZ	213	H	X60
122	141	.79	78	SAI		P3	VS6	-.89		.30	VS6	VS6	.580	ZPUFZ	129	C	
122	141	.00	0	SAI		P2	VS6	-.89		.00	VS6	VS6	.580	ZPUFZ	129	C	
122	141	.50	125	PCT	15	P2	BW1	1.77			TEC	TEH	.610	RBARD	146	H	
122	141	1.38	73	PCT	21	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	220	H	X60
124	141	.94	78	PCT	16	P3	BW1	-1.97			07H	VS3	.580	ZPUMZ	221	H	X60
132	141	1.43	69	PCT	23	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	253	H	X75
134	141	.73	49	PCT	20	P2	BW1	1.77			TEC	TEH	.610	RBARD	146	H	
134	141	1.29	69	PCT	21	P3	BW1	1.65			07H	VS3	.580	ZPUMZ	255	H	X75
138	141	2.13	60	PCT	29	P3	03C	-.94			03C	03C	.600	ZPAHZ	21	C	DQA
138	141	1.23	76	PCT	27	P2	03C	-.94			TEC	TEH	.610	RBARD	147	H	
53	142	.00	0	MCI		P2	TSH	-15.11		.00	TSH	TSH	.600	ZPAHZ	44	H	
53	142	.23	72	MCI		P4	TSH	-15.11		.40	TSH	TSH	.600	ZPAHZ	44	H	
53	142	1.33	37	MCI		P4	TEH	.14		.71	TEH	TSH	.600	ZPAHZ	53	H	
53	142	3.30	21	MCI		P2	TEH	.14		.61	TEH	TSH	.600	ZPAHZ	53	H	
53	142	2.38	40	MCI		P2	TEH	.15		.38	TEH	TSH	.600	ZPAHZ	53	H	
53	142	1.71	40	MCI		P4	TEH	.15		.38	TEH	TSH	.600	ZPAHZ	53	H	
55	142	.57	69	PCT	11	P3	BW1	1.97			BW1	VS3	.580	ZPUFZ	186	H	
67	142	.81	94	PCT	15	P3	BW1	-1.60			08H	VS3	.580	ZPUFZ	187	H	
69	142	.80	34	SCI		P4	TSH	-13.85		.30	TSH	TSH	.600	ZPAHZ	54	H	
69	142	.72	51	SCI		P2	TSH	-13.85		.20	TSH	TSH	.600	ZPAHZ	54	H	
69	142	.74	71	PCT	14	P3	08H	-.05			08H	08H	.600	ZPAHZ	114	H	
69	142	1.36	74	PCT	22	P3	08H	.91			08H	08H	.600	ZPAHZ	114	H	
69	142	.81	106	PCT	15	P3	BW1	1.99			BW1	VS3	.580	ZPUFZ	187	H	
77	142	.77	88	PCT	13	P3	VS3	.60			VS3	VS3	.580	ZPUFZ	306	H	
85	142	.96	54	PCT	16	P3	08H	.98			08H	08H	.600	ZPAHZ	310	H	
87	142	.53	65	PCT	10	P3	VS2	-.90			VS2	VS2	.580	ZPUFZ	187	H	
91	142	.86	75	PCT	15	P3	08H	.86			07H	VS3	.580	ZPUMZ	200	H	X45
101	142	.43	146	PCT	13	P2	08H	.97			TEH	TEC	.610	RBARD	103	C	
101	142	.68	80	PCT	13	P3	08H	.96			07H	VS3	.580	ZPUMZ	212	H	X60
101	142	.94	86	PCT	17	P5	BW1	-1.97			07H	VS3	.580	ZPUMZ	212	H	X60
101	142	.87	76	PCT	16	P5	BW1	1.68			07H	VS3	.580	ZPUMZ	212	H	X60
103	142	.87	79	PCT	15	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	217	H	X60
105	142	.28	21	PCT	9	P2	BW1	1.98			TEH	TEC	.610	RBARD	103	C	
105	142	1.17	83	PCT	20	P5	BW1	1.87			07H	VS3	.580	ZPUMZ	212	H	X60
107	142	.91	84	PCT	16	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	217	H	X60
111	142	.72	57	PCT	13	P3	BW1	1.95			07H	VS3	.580	ZPUMZ	217	H	X60
113	142	.68	26	PCT	13	P5	BW1	-2.04			08H	VS3	.580	ZPUMZ	212	H	X60
113	142	.65	24	PCT	12	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	212	H	X60
115	142	.37	90	PCT	12	P2	BW1	1.84			TEC	TEH	.610	RBARD	148	H	
115	142	.89	93	PCT	16	P3	BW1	1.72			08H	BW1	.580	ZPUMZ	217	H	X60
115	142	.80	90	PCT	15	P3	BW1	2.03			07H	VS3	.580	ZPUMZ	234	H	X60
121	142	1.33	17	MVI		P3	TSH	11.46		.40	TSH	02H	.600	ZPAHZ	114	H	NC

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
121	142																VID
121	142	1.25	23	MVI		P3	01H	10.46		.40	TSH	02H	.600	ZPAHZ	114	H	NC
121	142																VID
121	142	1.12	17	MVI		P3	04H	10.22		.40	03H	05H	.600	ZPAHZ	114	H	NC
121	142																VID
121	142	1.64	16	BID		P1	01H	10.60			TEC	TEH	.610	RBARD	169	H	
121	142	1.41	13	BID		P1	04H	10.03			TEC	TEH	.610	RBARD	169	H	RBI
121	142	1.22	107	PCT	19	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	219	H	X60
123	142	.91	59	PCT	15	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	221	H	X60
127	142	.94	83	PCT	16	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	254	H	X75
129	142	.71	56	PCT	12	P5	BW1	1.94			07H	VS3	.580	ZPUMZ	252	H	X75
131	142	.68	87	PCT	12	P5	BW1	-2.06			07H	VS3	.580	ZPUMZ	254	H	X75
12	143	.77	133	PCT	17	P2	04H	-.94			TEH	TEC	.610	RBARD	34	C	
12	143	1.56	72	PCT	24	P3	04H	-.94			04H	04H	.600	ZPAHZ	120	H	
34	143	.47	36	SCI		P4	TSH	-13.24		.30	TSH	TSH	.600	ZPAHZ	43	H	
34	143	.63	77	SCI		P2	TSH	-13.24		.30	TSH	TSH	.600	ZPAHZ	43	H	
68	143	.79	94	PCT	17	P2	08H	-.93			TEH	TEC	.610	RBARD	64	C	
68	143	1.25	95	PCT	21	P3	08H	-.98			08H	VS3	.580	ZPUFZ	187	H	
80	143	2.50	121	PCT	36	P2	VS3	-.77			TEH	TEC	.610	RBARD	102	C	
80	143	.64	102	PCT	11	P3	VS5	-1.12			VS5	VS5	.580	ZPUFZ	129	C	
80	143	1.09	75	PCT	17	P3	VS5	.94			VS5	VS5	.580	ZPUFZ	129	C	DQA
80	143	.80	40	PCT	13	P3	VS3	-.96			VS3	VS3	.580	ZPUFZ	187	H	
80	143	1.86	71	PCT	26	P3	VS3	-.91			VS3	VS3	.580	ZPUFZ	187	H	
80	143	1.48	64	PCT	22	P3	VS3	.04			VS3	VS3	.580	ZPUFZ	187	H	
82	143	.96	67	PCT	16	P3	VS3	-.88			VS3	VS3	.580	ZPUFZ	306	H	
82	143	.79	78	PCT	13	P3	VS3	.14			VS3	VS3	.580	ZPUFZ	306	H	
84	143	.72	59	PCT	16	P2	BW1	2.07			TEH	TEC	.610	RBARD	102	C	
84	143	.86	97	PCT	16	P3	BW1	-1.99			BW1	VS3	.580	ZPUFZ	187	H	
84	143	1.72	88	PCT	26	P3	BW1	1.81			BW1	VS3	.580	ZPUFZ	187	H	
92	143	.56	49	PCT	11	P3	BW1	1.69			07H	VS3	.580	ZPUMZ	199	H	X45
98	143	.41	64	PCT	8	P3	08H	-.13			07H	VS3	.580	ZPUMZ	199	H	X45
100	143	1.66	80	PCT	24	P5	BW1	1.81			07H	VS3	.580	ZPUMZ	211	H	X60
102	143	.40	119	PCT	10	P2	08H	1.05			TEH	TEC	.610	RBARD	102	C	
102	143	.60	81	PCT	11	P3	08H	-.11			07H	VS3	.580	ZPUMZ	211	H	X60
102	143	.79	71	PCT	14	P3	08H	.95			07H	VS3	.580	ZPUMZ	211	H	X60
104	143	.42	33	PCT	10	P2	BW1	1.80			TEH	TEC	.610	RBARD	102	C	
104	143	1.48	78	PCT	23	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	213	H	X60
108	143	.74	99	PCT	13	P3	08H	.89			07H	VS3	.580	ZPUMZ	213	H	X60
110	143	.52	88	PCT	13	P2	08H	-.05			TEH	TEC	.610	RBARD	102	C	
110	143	.44	50	PCT	11	P2	08H	1.00			TEH	TEC	.610	RBARD	102	C	
110	143	.58	140	PCT	14	P2	VS2	-.77			TEH	TEC	.610	RBARD	102	C	
110	143	.92	71	PCT	16	P3	08H	-.06			07H	VS3	.580	ZPUMZ	211	H	X60
110	143	.84	71	PCT	15	P3	08H	.94			07H	VS3	.580	ZPUMZ	211	H	X60
110	143	.76	83	PCT	13	P5	VS2	-.88			07H	VS3	.580	ZPUMZ	211	H	X60
112	143	.54	141	PCT	13	P2	08H	.92			TEH	TEC	.610	RBARD	102	C	
112	143	.79	87	PCT	14	P3	08H	.92			07H	VS3	.580	ZPUMZ	213	H	X60
114	143	.74	106	PCT	12	P5	BW1	-2.09			07H	VS3	.580	ZPUMZ	211	H	X60
116	143	.70	92	PCT	12	P3	09H	.75			07H	VS3	.580	ZPUMZ	213	H	X60
120	143	1.06	74	PCT	17	P3	BW1	-2.09			07H	VS3	.580	ZPUMZ	213	H	X60
122	143	.30	73	PCT	10	P2	BW1	-1.75			TEC	TEH	.610	RBARD	147	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
122	143	1.18	86	PCT	19	P3	BW1	-2.01			07H	VS3	.580	ZPUMZ	211	H	X60
122	143	1.13	84	PCT	19	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	211	H	X60
126	143	.50	128	PCT	15	P2	BW1	1.80			TEC	TEH	.610	RBARD	147	H	
126	143	1.73	75	PCT	26	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	253	H	X75
67	144	.61	94	PCT	12	P3	08H	.90			08H	VS3	.580	ZPUFZ	187	H	
67	144	.84	63	PCT	14	P3	BW1	-1.62			08H	VS3	.580	ZPUFZ	187	H	
67	144	1.17	70	PCT	20	P3	BW1	1.49			08H	VS3	.580	ZPUFZ	187	H	
75	144	1.15	72	PCT	26	P2	08H	1.02			TEH	TEC	.610	RBARD	65	C	
75	144	.83	69	PCT	15	P3	08H	-.80			08H	08H	.600	ZPAHZ	114	H	
75	144	1.46	62	PCT	23	P3	08H	.94			08H	08H	.600	ZPAHZ	114	H	
75	144	.90	76	PCT	16	P3	08H	.95			08H	08H	.600	ZPAHZ	114	H	
79	144	.62	90	PCT	11	P3	BW1	-2.05			BW1	VS3	.580	ZPUFZ	189	H	
79	144	1.45	77	PCT	23	P3	BW1	2.05			BW1	VS3	.580	ZPUFZ	189	H	
79	144	2.08	84	PCT	29	P3	VS3	-.82			BW1	VS3	.580	ZPUFZ	189	H	
79	144	2.08	86	PCT	29	P3	VS3	-.13			BW1	VS3	.580	ZPUFZ	189	H	
81	144	.64	101	PCT	11	P3	BW1	-1.90			BW1	VS3	.580	ZPUFZ	306	H	
81	144	1.61	81	PCT	24	P3	BW1	2.24			BW1	VS3	.580	ZPUFZ	306	H	
89	144	.51	59	PCT	10	P3	BW1	-1.92			07H	VS3	.580	ZPUMZ	200	H	X45
89	144	1.04	63	PCT	18	P3	BW1	2.25			07H	VS3	.580	ZPUMZ	200	H	X45
99	144	.56	47	PCT	11	P3	BW1	-1.82			07H	VS3	.580	ZPUMZ	200	H	X45
99	144	.57	50	PCT	11	P3	BW1	1.23			07H	VS3	.580	ZPUMZ	200	H	X45
101	144	.55	88	PCT	11	P5	BW1	-1.76			07H	VS3	.580	ZPUMZ	212	H	X60
103	144	.69	99	PCT	19	P2	08H	1.10			TEH	TEC	.610	RBARD	103	C	
103	144	.59	135	PCT	17	P2	VS2	.86			TEH	TEC	.610	RBARD	103	C	
103	144	.86	49	PCT	15	P3	08H	.93			07H	VS3	.580	ZPUMZ	212	H	X60
103	144	.93	65	PCT	17	P3	08H	.93			07H	VS3	.580	ZPUMZ	212	H	X60
103	144	.81	105	PCT	15	P5	VS2	.82			07H	VS3	.580	ZPUMZ	212	H	X60
105	144	.57	67	SVI		P3	08H	33.93		.30	07H	VS3	.580	ZPUMZ	217	H	PID
105	144																TTW
105	144																X60
105	144	.84	67	PCT	14	P3	BW1	-1.80			07H	VS3	.580	ZPUMZ	217	H	X60
107	144	.61	69	PCT	12	P5	BW1	2.18			07H	VS3	.580	ZPUMZ	212	H	X60
109	144	.61	92	PCT	11	P3	BW1	.44			VS3	07H	.580	ZPUMZ	217	H	X60
117	144	.70	134	PCT	19	P2	09H	1.04			TEC	TEH	.610	RBARD	148	H	
117	144	.70	37	PCT	13	P3	BW1	1.25			07H	VS3	.580	ZPUMZ	217	H	X60
119	144	.69	99	PCT	18	P2	09H	.97			TEC	TEH	.610	RBARD	145	H	
119	144	.61	41	PCT	12	P3	09H	.85			07H	VS3	.580	ZPUMZ	212	H	X60
119	144	.62	66	PCT	12	P3	09H	.86			07H	VS3	.580	ZPUMZ	212	H	X60
121	144	1.05	61	PCT	17	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	217	H	X60
123	144	.37	110	PCT	11	P2	BW1	1.77			TEC	TEH	.610	RBARD	145	H	
123	144	1.17	75	PCT	20	P5	BW1	1.82			07H	VS3	.580	ZPUMZ	212	H	X60
123	144	.79	52	PCT	14	P5	VS1	.96			07H	VS3	.580	ZPUMZ	212	H	X60
131	144	.34	131	PCT	10	P2	BW1	1.86			TEC	TEH	.610	RBARD	145	H	
131	144	.81	78	PCT	14	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	254	H	X75
70	145	1.04	91	PCT	18	P3	08H	.79			08H	08H	.600	ZPAHZ	119	H	
76	145	.71	89	PCT	13	P3	VS3	-.55			VS3	VS3	.580	ZPUFZ	187	H	
80	145	.54	97	PCT	10	P3	07H	.84			07H	07H	.600	ZPAHZ	310	H	
80	145	.57	60	PCT	10	P3	08H	-.08			08H	08H	.600	ZPAHZ	310	H	
80	145	1.16	76	PCT	18	P3	08H	.83			08H	08H	.600	ZPAHZ	310	H	
88	145	1.01	86	PCT	21	P2	BW1	1.86			TEH	TEC	.610	RBARD	102	C	
88	145	.62	77	PCT	11	P3	BW1	-1.79			BW1	VS3	.580	ZPUFZ	189	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
88	145	2.45	81	PCT	33	P3	BW1	2.00			BW1	VS3	.580	ZPUFZ	189	H	
90	145	1.85	119	PCT	30	P2	08H	-.80			TEH	TEC	.610	RBARD	102	C	
90	145	1.47	81	PCT	24	P3	08H	-.86			07H	VS3	.580	ZPUMZ	199	H	X45
90	145	1.12	91	SVI	23	P5	BW1	3.90		.40	07H	VS3	.580	ZPUMZ	199	H	TTW
90	145																X45
92	145	.62	73	PCT	12	P3	08H	-.14			07H	VS3	.580	ZPUMZ	199	H	X45
92	145	.71	82	SVI	13	P3	BW1	2.45		.60	07H	VS3	.580	ZPUMZ	199	H	TTW
92	145																X45
94	145	.63	78	PCT	12	P3	BW1	-1.95			07H	VS3	.580	ZPUMZ	199	H	X45
94	145	.48	82	PCT	10	P3	BW1	1.40			07H	VS3	.580	ZPUMZ	199	H	X45
96	145	.39	50	PCT	8	P3	BW1	-1.95			07H	VS3	.580	ZPUMZ	199	H	X45
98	145	.65	39	MCI		P4	TSH	-14.54		.30	TSH	TSH	.600	ZPAHZ	87	H	
98	145	.73	37	MCI		P2	TSH	-14.54		.30	TSH	TSH	.600	ZPAHZ	87	H	
98	145	.91	92	PCT	16	P3	BW1	-1.97			07H	VS3	.580	ZPUMZ	199	H	X45
98	145	.38	86	PCT	8	P3	BW1	1.82			07H	VS3	.580	ZPUMZ	199	H	X45
98	145	.62	70	SAI		P5	VS2	.59		.50	07H	VS3	.580	ZPUMZ	199	H	X45
98	145	.74	70	MCI		P2	TSH	-17.42		.30	TEH	TSH	.600	ZPAHZ	303	H	
98	145	2.72	40	MCI		P4	TSH	-17.42		.20	TEH	TSH	.600	ZPAHZ	303	H	
98	145	.55	75	MCI		P2	TSH	-16.12		.30	TEH	TSH	.600	ZPAHZ	303	H	
98	145	1.20	34	MCI		P4	TSH	-16.12		.20	TEH	TSH	.600	ZPAHZ	303	H	
98	145	.84	101	SAI		P2	VS2	.59		.50	VS2	VS2	.580	ZPUFZ	325	H	
100	145	.86	52	PCT	14	P5	BW1	-2.24			07H	VS3	.580	ZPUMZ	211	H	X60
100	145	1.53	64	PCT	23	P5	BW1	2.03			07H	VS3	.580	ZPUMZ	211	H	X60
104	145	.75	43	PCT	13	P3	08H	.90			07H	VS3	.580	ZPUMZ	211	H	X60
104	145	1.06	58	PCT	17	P5	BW1	-2.06			07H	VS3	.580	ZPUMZ	211	H	X60
106	145	.55	49	SAI		P3	TSH	-.32		.30	TSH	TSH	.600	ZPAHZ	87	H	
106	145	.55	41	SAI		P2	TSH	-.32		.30	TSH	TSH	.600	ZPAHZ	87	H	
108	145	.68	84	PCT	15	P2	08H	-.03			TEH	TEC	.610	RBARD	102	C	
108	145	.44	19	PCT	11	P2	BW1	-2.00			TEH	TEC	.610	RBARD	102	C	
108	145	.83	116	PCT	15	P3	08H	-.05			07H	VS3	.580	ZPUMZ	211	H	X60
108	145	.76	101	PCT	14	P3	08H	1.03			07H	VS3	.580	ZPUMZ	211	H	X60
108	145	.90	42	PCT	15	P5	BW1	-2.17			07H	VS3	.580	ZPUMZ	211	H	X60
110	145	.52	153	PCT	13	P2	VS2	.91			TEH	TEC	.610	RBARD	102	C	
110	145	.58	96	PCT	11	P5	BW1	1.84			07H	VS3	.580	ZPUMZ	213	H	X60
110	145	.63	58	PCT	11	P5	VS2	.81			07H	VS3	.580	ZPUMZ	213	H	X60
112	145	.37	68	PCT	9	P2	08H	-.02			TEH	TEC	.610	RBARD	102	C	
112	145	.55	123	PCT	10	P3	08H	.00			07H	VS3	.580	ZPUMZ	211	H	X60
112	145	.96	71	PCT	16	P5	BW1	-2.10			07H	VS3	.580	ZPUMZ	211	H	X60
112	145	.85	47	PCT	14	P5	BW1	.64			07H	VS3	.580	ZPUMZ	211	H	X60
116	145	1.34	86	PCT	20	P5	BW1	1.95			07H	VS3	.580	ZPUMZ	211	H	X60
118	145	.60	78	PCT	11	P3	BW1	1.51			07H	VS3	.580	ZPUMZ	213	H	X60
124	145	1.03	84	PCT	17	P3	BW1	-2.01			07H	VS3	.580	ZPUMZ	213	H	X60
124	145	.50	86	PCT	9	P3	BW1	1.73			07H	VS3	.580	ZPUMZ	213	H	X60
31	146	.63	72	PCT	11	P3	VS4	-.63			VS4	VS4	.580	ZPUFZ	179	H	
63	146	.36	40	SCI		P2	TSH	-12.52		.20	TSH	TSH	.600	ZPAHZ	57	H	
63	146	.37	31	SCI		P4	TSH	-12.52		.30	TSH	TSH	.600	ZPAHZ	57	H	
67	146	1.69	70	PCT	32	P2	08H	-1.75			TEH	TEC	.610	RBARD	65	C	
67	146	.93	73	PCT	22	P2	BW1	-1.99			TEH	TEC	.610	RBARD	65	C	
67	146	.82	97	PCT	21	P2	BW1	1.95			TEH	TEC	.610	RBARD	65	C	
67	146	.81	54	PCT	13	P3	08H	-2.10			08H	VS3	.580	ZPUFZ	186	H	
67	146	2.09	90	PCT	30	P3	BW1	-1.60			08H	VS3	.580	ZPUFZ	186	H	
67	146	2.69	85	PCT	35	P3	BW1	1.61			08H	VS3	.580	ZPUFZ	186	H	
77	146	1.13	89	PCT	18	P3	VS3	.56			VS3	VS3	.580	ZPUFZ	306	H	

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
81	146	1.32	63	PCT	20	P3	BW1	-2.18			BW1	VS3	.580	ZPUFZ	306	H	
81	146	1.26	100	PCT	20	P3	BW1	1.61			BW1	VS3	.580	ZPUFZ	306	H	
81	146	.99	78	PCT	17	P3	07H	.96			07H	07H	.600	ZPAHZ	310	H	
81	146	1.02	79	PCT	17	P3	08H	.80			08H	08H	.600	ZPAHZ	310	H	
85	146	1.01	77	PCT	17	P3	08H	1.02			08H	08H	.600	ZPAHZ	119	H	
85	146	1.41	83	PCT	22	P3	BW1	-1.96			BW1	VS3	.580	ZPUFZ	189	H	
89	146	.53	82	PCT	10	P3	BW1	1.66			07H	VS3	.580	ZPUMZ	200	H	X45
91	146	.68	68	PCT	13	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	200	H	X45
95	146	1.00	44	PCT	17	P3	BW1	1.34			07H	VS3	.580	ZPUMZ	200	H	X45
99	146	.98	48	PCT	17	P3	BW1	-1.99			07H	VS3	.580	ZPUMZ	200	H	X45
99	146	1.39	47	PCT	23	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	200	H	X45
101	146	.89	73	PCT	16	P5	BW1	-2.15			07H	VS3	.580	ZPUMZ	212	H	X60
101	146	.98	86	PCT	17	P5	BW1	2.01			07H	VS3	.580	ZPUMZ	212	H	X60
103	146	.84	86	PCT	14	P3	BW1	-1.97			07H	VS3	.580	ZPUMZ	217	H	X60
103	146	.78	97	PCT	14	P5	VS2	-.70			07H	VS3	.580	ZPUMZ	217	H	X60
105	146	.58	111	PCT	11	P5	BW1	-2.04			07H	VS3	.580	ZPUMZ	212	H	X60
105	146	.61	60	PCT	11	P5	VS2	.98			07H	VS3	.580	ZPUMZ	212	H	X60
107	146	.93	62	PCT	16	P3	BW1	-2.12			07H	VS3	.580	ZPUMZ	217	H	X60
111	146	.61	61	PCT	11	P3	08H	-.10			07H	VS3	.580	ZPUMZ	217	H	X60
111	146	.58	122	PCT	10	P3	BW1	-2.10			07H	VS3	.580	ZPUMZ	217	H	X60
113	146	.96	45	SVI	17	P5	BW1	2.74		.80	07H	VS3	.580	ZPUMZ	212	H	TTW
113	146																X60
113	146	.78	90	PCT	13	P3	06H	-.95			06H	06H	.600	ZPAHZ	310	H	
117	146	.92	76	PCT	16	P3	08H	1.00			07H	VS3	.580	ZPUMZ	212	H	X60
117	146	.96	49	PCT	17	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	212	H	X60
123	146	1.24	73	PCT	20	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	217	H	X60
125	146	.95	79	PCT	16	P5	BW1	-1.94			07H	VS3	.580	ZPUMZ	252	H	X75
127	146	.60	79	PCT	11	P3	09H	.91			07H	VS3	.580	ZPUMZ	254	H	X75
131	146	.68	65	PCT	11	P3	03C	-.11			03C	03C	.600	ZPAHZ	137	C	
62	147	1.36	79	PCT	22	P3	BW1	1.70			BW1	VS3	.580	ZPUFZ	186	H	
66	147	.72	24	PCT	16	P2	08H	-1.34			TEH	TEC	.610	RBARD	64	C	
66	147	1.07	78	PCT	19	P3	08H	-1.25			08H	VS3	.580	ZPUFZ	187	H	
78	147	.70	147	PCT	16	P2	VS3	-.63			TEH	TEC	.610	RBARD	102	C	
78	147	1.00	68	PCT	16	P3	VS5	-.67			VS5	VS5	.580	ZPUFZ	129	C	DQA
78	147	.80	103	PCT	14	P3	VS3	-.63			VS3	VS3	.580	ZPUFZ	189	H	
80	147	.74	116	PCT	17	P2	VS3	.96			TEH	TEC	.610	RBARD	102	C	
80	147	.93	86	PCT	16	P3	VS3	.89			VS3	VS3	.580	ZPUFZ	189	H	
88	147	.44	110	PCT	11	P2	08H	-1.02			TEH	TEC	.610	RBARD	102	C	
88	147	.48	150	PCT	12	P2	BW1	1.97			TEH	TEC	.610	RBARD	102	C	
88	147	1.13	80	PCT	19	P3	08H	-.94			08H	08H	.600	ZPAHZ	114	H	
88	147	1.44	74	PCT	22	P3	BW1	1.92			BW1	VS3	.580	ZPUFZ	189	H	
90	147	.33	72	PCT	7	P3	08H	-.88			07H	VS3	.580	ZPUMZ	195	H	X45
90	147	.62	67	PCT	12	P3	BW1	-1.83			07H	VS3	.580	ZPUMZ	195	H	X45
94	147	.80	52	PCT	14	P3	BW1	1.61			07H	VS3	.580	ZPUMZ	195	H	X45
96	147	.47	46	PCT	9	P3	08H	.82			07H	VS3	.580	ZPUMZ	195	H	X45
98	147	.59	74	PCT	11	P3	BW1	1.93			07H	VS3	.580	ZPUMZ	199	H	X45

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
100	147	.61	97	PCT	14	P2	BW1	1.88			TEH	TEC	.610	RBARD	102	C	
100	147	.89	53	PCT	15	P5	BW1	-1.86			08H	VS3	.580	ZPUMZ	211	H	X60
100	147	1.96	70	PCT	27	P5	BW1	1.77			08H	VS3	.580	ZPUMZ	211	H	X60
100	147	.84	63	PCT	15	P5	BW1	-1.86			07H	VS3	.580	ZPUMZ	234	H	X60
100	147	1.86	63	PCT	28	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	234	H	X60
102	147	1.10	68	PCT	18	P5	BW1	-2.11			07H	VS3	.580	ZPUMZ	213	H	X60
104	147	1.09	48	PCT	17	P5	BW1	-1.81			07H	VS3	.580	ZPUMZ	211	H	X60
106	147	.56	62	PCT	10	P3	08H	.91			07H	VS3	.580	ZPUMZ	213	H	X60
106	147	.52	74	PCT	10	P5	BW1	-1.82			07H	VS3	.580	ZPUMZ	213	H	X60
108	147	.89	105	PCT	15	P5	BW1	1.88			07H	VS3	.580	ZPUMZ	211	H	X60
110	147	.60	42	PCT	11	P3	08H	-.09			07H	VS3	.580	ZPUMZ	213	H	X60
110	147	.61	50	PCT	11	P3	08H	.97			07H	VS3	.580	ZPUMZ	213	H	X60
110	147	.71	62	PCT	13	P5	VS2	-.13			07H	VS3	.580	ZPUMZ	213	H	X60
110	147	.55	53	PCT	10	P5	VS3	.77			07H	VS3	.580	ZPUMZ	213	H	X60
114	147	.72	70	PCT	13	P3	08H	-.14			07H	VS3	.580	ZPUMZ	211	H	X60
118	147	.90	81	PCT	15	P5	BW1	-2.20			07H	VS3	.580	ZPUMZ	211	H	X60
118	147	.61	89	PCT	11	P5	BW1	1.70			07H	VS3	.580	ZPUMZ	211	H	X60
122	147	1.33	93	PCT	21	P3	BW1	-1.77			07H	VS3	.580	ZPUMZ	211	H	X60
122	147	1.16	89	PCT	19	P3	BW1	1.98			07H	VS3	.580	ZPUMZ	211	H	X60
132	147	1.12	88	PCT	17	P3	04C	-.95			04C	04C	.600	ZPAHZ	21	C	DQA
132	147	1.30	81	PCT	20	P3	03C	-.05			03C	03C	.600	ZPAHZ	21	C	DQA
132	147	.80	135	PCT	21	P2	03C	-.07			TEC	TEH	.610	RBARD	148	H	
132	147	.75	61	SAI		P3	08H	-.97		.30	07H	VS3	.580	ZPUMZ	248	H	X75
132	147	.16	67	SAI		P2	08H	-.97		.30	08H	08H	.600	ZPAHZ	303	H	
59	148	.91	67	PCT	14	P3	BW2	2.21			BW2	VS5	.580	ZPUFZ	150	C	
71	148	.86	83	PCT	14	P3	08H	.90			08H	08H	.600	ZPAHZ	310	H	
75	148	4.13	2	BID		P1	05C	5.17			TEH	TEC	.610	RBARD	65	C	
75	148	.77	75	PCT	13	P3	08H	.92			08H	08H	.600	ZPAHZ	310	H	
77	148	1.13	122	PCT	26	P2	VS3	.79			TEH	TEC	.610	RBARD	103	C	
77	148	1.35	82	PCT	22	P3	VS3	.77			VS3	VS3	.580	ZPUFZ	187	H	
81	148	.70	117	PCT	19	P2	BW1	2.12			TEH	TEC	.610	RBARD	103	C	
81	148	1.28	88	PCT	20	P3	BW1	-1.86			BW1	VS3	.580	ZPUFZ	189	H	
81	148	1.67	101	PCT	25	P3	BW1	2.14			BW1	VS3	.580	ZPUFZ	189	H	
87	148	1.15	124	PCT	26	P2	VS2	-.74			TEH	TEC	.610	RBARD	103	C	
87	148	1.31	93	PCT	21	P3	VS2	-.78			VS2	VS2	.580	ZPUFZ	189	H	
89	148	.56	61	PCT	11	P3	08H	-.88			07H	VS3	.580	ZPUMZ	193	H	X45
89	148	.89	64	PCT	16	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	193	H	X45
93	148	.48	52	SVI		P3	07H	15.39		.20	07H	VS3	.580	ZPUMZ	193	H	NC
93	148																PIT
93	148																X45
99	148	.39	92	PCT	12	P2	BW1	1.85			TEH	TEC	.610	RBARD	103	C	
99	148	1.20	53	PCT	20	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	200	H	X45
101	148	.58	66	PCT	11	P3	08H	-.03			07H	VS3	.580	ZPUMZ	212	H	X60
101	148	.51	75	PCT	10	P5	BW1	-1.64			07H	VS3	.580	ZPUMZ	212	H	X60
101	148	1.16	74	PCT	20	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	212	H	X60
105	148	1.00	62	PCT	18	P5	BW1	-1.91			07H	VS3	.580	ZPUMZ	212	H	X60
105	148	1.21	72	PCT	20	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	212	H	X60
107	148	.49	63	PCT	10	P3	08H	.94			07H	08H	.580	ZPUMZ	214	H	X60
107	148	.52	71	PCT	9	P3	08H	.90			07H	VS3	.580	ZPUMZ	217	H	X60
109	148	.57	62	PCT	11	P3	08H	-.06			07H	VS3	.580	ZPUMZ	212	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
113	148	.80	57	PCT	15	P3	08H	.90			07H	VS3	.580	ZPUMZ	212	H	X60
113	148	.59	75	PCT	11	P5	BW1	.96			07H	VS3	.580	ZPUMZ	212	H	X60
115	148	.60	88	PCT	11	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	212	H	X60
115	148	.55	51	PCT	10	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	212	H	X60
117	148	.75	94	PCT	13	P3	09H	1.16			07H	VS3	.580	ZPUMZ	217	H	X60
119	148	.59	61	PCT	11	P5	BW1	2.06			07H	VS3	.580	ZPUMZ	212	H	X60
121	148	1.25	72	PCT	19	P5	BW1	1.89			07H	VS3	.580	ZPUMZ	211	H	X60
123	148	.95	82	PCT	16	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	213	H	X60
62	149	.41	45	PCT	10	P2	BW1	2.06			TEH	TEC	.610	RBARD	64	C	
62	149	1.19	74	PCT	20	P3	BW1	1.96			BW1	VS3	.580	ZPUFZ	186	H	
66	149	.63	75	PCT	14	P2	08H	-1.05			TEH	TEC	.610	RBARD	64	C	
66	149	.68	158	PCT	15	P2	08H	.63			TEH	TEC	.610	RBARD	64	C	
66	149	.82	92	PCT	15	P3	08H	-1.01			08H	VS3	.580	ZPUFZ	187	H	
66	149	.94	86	PCT	17	P3	08H	.58			08H	VS3	.580	ZPUFZ	187	H	
66	149	.93	89	PCT	16	P3	BW1	-2.22			08H	VS3	.580	ZPUFZ	187	H	
68	149	.62	77	PCT	12	P3	BW1	1.97			08H	VS3	.580	ZPUFZ	187	H	
70	149	.78	85	PCT	13	P3	07H	.92			07H	07H	.600	ZPAHZ	119	H	
76	149	.87	58	PCT	15	P3	08H	-.07			08H	08H	.600	ZPAHZ	310	H	
76	149	.66	72	PCT	12	P3	08H	.93			08H	08H	.600	ZPAHZ	310	H	
78	149	.77	56	PCT	13	P3	08H	.94			08H	08H	.600	ZPAHZ	119	H	
80	149	.96	90	PCT	16	P3	08H	.80			08H	08H	.600	ZPAHZ	119	H	
80	149	1.29	82	PCT	20	P3	BW1	1.77			BW1	VS3	.580	ZPUFZ	189	H	
82	149	.56	158	PCT	14	P2	08H	.94			TEH	TEC	.610	RBARD	100	C	
82	149	.40	162	PCT	11	P2	BW1	-1.76			TEH	TEC	.610	RBARD	100	C	
82	149	.70	70	PCT	12	P3	08H	.92			08H	08H	.600	ZPAHZ	119	H	
82	149	1.34	77	PCT	21	P3	BW1	-1.82			BW1	VS3	.580	ZPUFZ	189	H	
84	149	1.04	88	PCT	17	P3	08H	-.04			08H	08H	.600	ZPAHZ	119	H	
84	149	.83	77	PCT	14	P3	08H	.97			08H	08H	.600	ZPAHZ	119	H	
84	149	1.13	70	PCT	18	P3	BW1	-2.00			BW1	VS3	.580	ZPUFZ	189	H	
84	149	1.04	93	PCT	17	P3	BW1	1.77			BW1	VS3	.580	ZPUFZ	189	H	
86	149	.52	126	PCT	13	P2	BW1	-1.89			TEH	TEC	.610	RBARD	100	C	
86	149	.80	104	PCT	14	P3	08H	1.04			08H	08H	.600	ZPAHZ	119	H	
86	149	1.46	77	PCT	23	P3	BW1	-1.96			BW1	VS3	.580	ZPUFZ	189	H	
88	149	.68	89	PCT	12	P3	BW1	-2.00			BW1	VS3	.580	ZPUFZ	189	H	
88	149	1.26	80	PCT	20	P3	BW1	1.81			BW1	VS3	.580	ZPUFZ	189	H	
88	149	.78	84	PCT	14	P3	VS2	.77			BW1	VS3	.580	ZPUFZ	189	H	
96	149	1.07	72	PCT	18	P5	VS2	.85			07H	VS3	.580	ZPUMZ	195	H	X45
98	149	.95	66	PCT	17	P3	BW1	1.89			07H	VS3	.580	ZPUMZ	195	H	X45
100	149	.97	117	PCT	21	P2	08H	-.05			TEH	TEC	.610	RBARD	100	C	
100	149	.99	101	PCT	18	P3	08H	-.06			07H	VS3	.580	ZPUMZ	234	H	X60
100	149	1.75	88	PCT	27	P5	BW1	1.98			07H	VS3	.580	ZPUMZ	234	H	X60
102	149	.54	122	PCT	14	P2	BW1	-1.87			TEH	TEC	.610	RBARD	100	C	
102	149	.00	0	SAI		P2	VS5	-.88		.00	VS5	VS5	.580	ZPUFZ	129	C	DQA
102	149	.54	93	SAI		P3	VS5	-.88		.20	VS5	VS5	.580	ZPUFZ	129	C	
102	149	1.13	83	PCT	19	P5	BW1	-1.97			07H	VS3	.580	ZPUMZ	213	H	X60
104	149	.77	22	PCT	18	P2	BW1	-1.96			TEH	TEC	.610	RBARD	100	C	
104	149	1.78	49	PCT	27	P5	BW1	-2.20			07H	VS3	.580	ZPUMZ	234	H	X60
106	149	.78	76	PCT	18	P2	BW1	-1.97			TEH	TEC	.610	RBARD	100	C	
106	149	1.64	84	PCT	25	P5	BW1	-1.86			07H	VS3	.580	ZPUMZ	213	H	X60

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
108	149	.65	139	PCT	16	P2	08H	-.07			TEH	TEC	.610	RBARD	100	C	
108	149	.91	69	PCT	16	P3	08H	.00			07H	VS3	.580	ZPUMZ	211	H	X60
108	149	.74	59	PCT	13	P3	08H	1.12			07H	VS3	.580	ZPUMZ	211	H	X60
108	149	1.25	73	PCT	19	P5	BW1	1.78			07H	VS3	.580	ZPUMZ	211	H	X60
110	149	.70	74	PCT	12	P5	BW1	-1.87			07H	VS3	.580	ZPUMZ	213	H	X60
110	149	.65	75	PCT	12	P5	BW1	1.64			07H	VS3	.580	ZPUMZ	213	H	X60
110	149	1.63	65	SAI		P3	04H	-.65		.60	04H	04H	.600	ZPAHZ	310	H	
110	149	1.12	63	SAI		P2	04H	-.65		.70	04H	04H	.600	ZPAHZ	310	H	
112	149	.64	95	PCT	16	P2	08H	-.10			TEH	TEC	.610	RBARD	100	C	
112	149	1.27	50	PCT	21	P3	08H	-.13			07H	VS3	.580	ZPUMZ	207	H	X60
112	149	.92	34	PCT	16	P3	08H	.96			07H	VS3	.580	ZPUMZ	207	H	X60
116	149	.57	59	PCT	10	P3	BW1	-1.32			07H	VS3	.580	ZPUMZ	207	H	X60
118	149	.59	112	PCT	16	P2	09H	.81			TEC	TEH	.610	RBARD	142	H	
118	149	1.08	75	PCT	18	P3	09H	1.01			07H	VS3	.580	ZPUMZ	207	H	X60
118	149	.52	66	PCT	9	P3	BW1	-.62			07H	VS3	.580	ZPUMZ	207	H	X60
122	149	.97	83	PCT	17	P5	BW1	1.57			07H	VS3	.580	ZPUMZ	212	H	X60
124	149	.58	75	PCT	10	P3	BW1	-1.99			07H	VS3	.580	ZPUMZ	217	H	X60
124	149	.91	79	PCT	16	P3	BW1	1.70			07H	VS3	.580	ZPUMZ	217	H	X60
43	150	.63	60	PCT	10	P3	BW2	2.00			BW2	VS4	.580	ZPUFZ	150	C	
53	150	.81	73	PCT	13	P3	BW2	-2.24			BW2	VS5	.580	ZPUFZ	150	C	
53	150	.69	72	PCT	11	P3	BW2	2.25			BW2	VS5	.580	ZPUFZ	150	C	
55	150	.64	93	SAI		P2	TSH	-8.37		.60	TSH	TSH	.600	ZPAHZ	42	H	
55	150	.70	91	SAI		P3	TSH	-8.37		.60	TSH	TSH	.600	ZPAHZ	42	H	
59	150	.84	73	PCT	15	P3	BW1	2.01			BW1	VS3	.580	ZPUFZ	186	H	
67	150	1.24	114	PCT	27	P2	07H	-.87			TEH	TEC	.610	RBARD	65	C	
67	150	.64	25	PCT	17	P2	BW1	-1.91			TEH	TEC	.610	RBARD	65	C	
67	150	1.80	79	PCT	26	P3	07H	-.97			07H	08H	.600	ZPAHZ	119	H	
67	150	1.16	80	PCT	20	P3	BW1	-1.89			08H	VS3	.580	ZPUFZ	187	H	
67	150	1.01	75	PCT	18	P3	BW1	-.24			08H	VS3	.580	ZPUFZ	187	H	
69	150	1.19	68	SVI	20	P3	BW1	-1.61		1.50	BW1	VS3	.580	ZPUFZ	187	H	TTW
69	150	.75	76	PCT	12	P3	BW1	1.59			BW1	VS3	.580	ZPUFZ	187	H	
71	150	2.09	82	PCT	30	P3	VS3	1.00			VS3	VS3	.580	ZPUFZ	187	H	
73	150	2.50	94	PCT	39	P2	08H	1.04			TEH	TEC	.610	RBARD	65	C	
73	150	.83	63	PCT	14	P3	08H	-.99			08H	08H	.600	ZPAHZ	119	H	
73	150	2.17	75	PCT	29	P3	08H	.89			08H	08H	.600	ZPAHZ	119	H	
77	150	.80	91	PCT	14	P3	08H	.99			08H	08H	.600	ZPAHZ	119	H	
79	150	.66	84	PCT	12	P3	VS3	.89			VS3	VS3	.580	ZPUFZ	306	H	
81	150	.73	64	PCT	13	P3	BW1	-1.87			BW1	VS3	.580	ZPUFZ	189	H	
81	150	.79	95	PCT	14	P3	BW1	2.01			BW1	VS3	.580	ZPUFZ	189	H	
81	150	.88	101	PCT	15	P3	VS3	-.94			BW1	VS3	.580	ZPUFZ	189	H	
83	150	1.00	95	PCT	17	P3	BW1	1.84			BW1	VS3	.580	ZPUFZ	189	H	
85	150	1.74	120	PCT	33	P2	08H	1.01			TEH	TEC	.610	RBARD	101	C	
85	150	.94	73	PCT	16	P3	08H	-.96			08H	08H	.600	ZPAHZ	119	H	
85	150	1.68	74	PCT	24	P3	08H	.83			08H	08H	.600	ZPAHZ	119	H	
85	150	1.25	76	PCT	19	P3	08H	.91			08H	08H	.600	ZPAHZ	119	H	
89	150	1.15	74	PCT	20	P3	BW1	-1.78			07H	VS3	.580	ZPUMZ	193	H	X45
95	150	.00	0	SAI		P2	VS5	-.04		.00	VS5	VS5	.580	ZPUFZ	129	C	DQA
95	150	1.02	55	SAI		P3	VS5	-.04		.28	VS5	VS5	.580	ZPUFZ	129	C	
97	150	.61	63	PCT	12	P5	VS2	.94			07H	VS3	.580	ZPUMZ	193	H	X45

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
99	150	.50	144	PCT	15	P2	BW1	2.01			TEH	TEC	.610	RBARD	101	C	
99	150	.73	52	PCT	14	P3	BW1	-1.81			07H	VS3	.580	ZPUMZ	193	H	X45
99	150	1.29	80	PCT	22	P3	BW1	2.09			07H	VS3	.580	ZPUMZ	193	H	X45
101	150	.51	74	PCT	10	P5	BW1	-2.16			07H	VS3	.580	ZPUMZ	212	H	X60
103	150	1.46	76	PCT	22	P5	BW1	-1.72			07H	VS3	.580	ZPUMZ	214	H	X60
103	150	1.44	86	PCT	22	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	214	H	X60
109	150	.67	51	PCT	12	P5	BW1	-1.77			07H	VS3	.580	ZPUMZ	212	H	X60
113	150	.50	66	PCT	9	P3	08H	.88			07H	VS3	.580	ZPUMZ	208	H	X60
113	150	.96	72	PCT	16	P3	BW1	1.59			07H	VS3	.580	ZPUMZ	208	H	X60
115	150	.58	95	PCT	10	P3	08H	-.13			07H	VS3	.580	ZPUMZ	208	H	X60
115	150	1.12	65	PCT	18	P3	08H	.81			07H	VS3	.580	ZPUMZ	208	H	X60
117	150	.59	74	PCT	11	P3	09H	1.00			07H	VS3	.580	ZPUMZ	208	H	X60
117	150	.92	66	PCT	16	P3	BW1	-1.47			07H	VS3	.580	ZPUMZ	208	H	X60
119	150	.48	81	PCT	14	P2	BW1	1.74			TEC	TEH	.610	RBARD	144	H	
119	150	1.14	77	PCT	19	P3	09H	-.19			07H	VS3	.580	ZPUMZ	208	H	X60
119	150	.57	65	PCT	10	P3	09H	.78			07H	VS3	.580	ZPUMZ	208	H	X60
119	150	1.00	85	PCT	17	P3	BW1	-2.00			07H	VS3	.580	ZPUMZ	208	H	X60
119	150	1.24	84	PCT	20	P3	BW1	1.73			07H	VS3	.580	ZPUMZ	208	H	X60
123	150	1.26	88	PCT	20	P3	BW1	2.08			07H	VS3	.580	ZPUMZ	207	H	X60
125	150	.73	35	PCT	13	P5	VS2	.97			07H	VS3	.580	ZPUMZ	247	H	X75
42	151	.42	130	MCI		P2	TSH	-14.59		.20	TSH	TSH	.600	ZPAHZ	43	H	
42	151	.47	31	MCI		P4	TSH	-14.59		.30	TSH	TSH	.600	ZPAHZ	43	H	
42	151	.77	32	MCI		P4	TSH	-14.05		.30	TSH	TSH	.600	ZPAHZ	43	H	
42	151	.54	131	MCI		P2	TSH	-14.05		.30	TSH	TSH	.600	ZPAHZ	43	H	
42	151	.63	70	MCI		P2	TSH	-13.68		.30	TSH	TSH	.600	ZPAHZ	43	H	
42	151	.69	37	MCI		P4	TSH	-13.68		.30	TSH	TSH	.600	ZPAHZ	43	H	
42	151	.26	57	MCI		P4	TSH	-13.28		.20	TSH	TSH	.600	ZPAHZ	43	H	
42	151	.23	141	MCI		P2	TSH	-13.28		.20	TSH	TSH	.600	ZPAHZ	43	H	
52	151	1.15	48	PCT	17	P3	BW2	2.23			BW2	VS5	.580	ZPUFZ	150	C	
54	151	.67	87	PCT	13	P3	BW1	-1.99			BW1	VS3	.580	ZPUFZ	186	H	
60	151	.69	56	PCT	15	P2	BW1	1.89			TEH	TEC	.610	RBARD	64	C	
60	151	1.44	78	PCT	23	P3	BW1	2.14			BW1	VS3	.580	ZPUFZ	186	H	
62	151	.70	141	PCT	16	P2	BW1	1.99			TEH	TEC	.610	RBARD	64	C	
62	151	1.58	75	PCT	25	P3	BW1	1.98			BW1	VS3	.580	ZPUFZ	186	H	
64	151	.81	85	PCT	15	P3	BW1	1.82			07H	VS3	.580	ZPUFZ	186	H	
66	151	.57	140	PCT	13	P2	08H	-1.25			TEH	TEC	.610	RBARD	64	C	
66	151	.57	82	PCT	11	P3	BW1	-1.91			08H	VS3	.580	ZPUFZ	187	H	
68	151	1.01	96	PCT	20	P2	07H	.91			TEH	TEC	.610	RBARD	64	C	
68	151	.57	53	PCT	13	P2	08H	.98			TEH	TEC	.610	RBARD	64	C	
68	151	1.57	66	PCT	23	P3	07H	1.03			07H	07H	.600	ZPAHZ	119	H	
68	151	.60	29	PCT	10	P3	08H	.91			08H	VS3	.580	ZPUFZ	187	H	
70	151	1.05	82	PCT	17	P3	08H	-.28			08H	08H	.600	ZPAHZ	119	H	
72	151	.67	47	PCT	11	P3	VS3	-.06			VS3	VS3	.580	ZPUFZ	187	H	
74	151	.52	67	PCT	12	P2	08H	1.01			TEH	TEC	.610	RBARD	64	C	
74	151	1.32	76	PCT	20	P3	08H	1.01			08H	08H	.600	ZPAHZ	119	H	
78	151	.85	71	PCT	14	P3	VS5	-.87			VS5	VS5	.580	ZPUFZ	129	C	
78	151	.67	87	PCT	11	P3	VS5	.95			VS5	VS5	.580	ZPUFZ	129	C	DQA
80	151	1.22	77	PCT	20	P3	BW1	1.73			BW1	VS3	.580	ZPUFZ	189	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
82	151	.00	0	SCI		P2	TSH	-.16		.00	TSH	TSH	.600	ZPAHZ	88	H	
82	151	.19	31	SCI		P4	TSH	-.16		.30	TSH	TSH	.600	ZPAHZ	88	H	
82	151	1.41	128	PCT	27	P2	VS3	-.82			TEH	TEC	.610	RBARD	100	C	
82	151	.68	72	PCT	11	P3	VS5	.23			BW2	VS5	.580	ZPUFZ	150	C	
82	151	1.17	62	PCT	17	P3	BW2	2.07			BW2	VS5	.580	ZPUFZ	150	C	
82	151	.98	102	PCT	16	P3	BW1	1.92			BW1	VS3	.580	ZPUFZ	189	H	
82	151	1.81	76	PCT	26	P3	VS3	-.68			BW1	VS3	.580	ZPUFZ	189	H	
82	151	.71	70	PCT	12	P3	VS3	.68			BW1	VS3	.580	ZPUFZ	189	H	
84	151	.56	35	MCI		P4	TSH	-14.98		.40	TSH	TSH	.600	ZPAHZ	85	H	
84	151	.41	53	MCI		P2	TSH	-14.98		.30	TSH	TSH	.600	ZPAHZ	85	H	
84	151	.45	105	PCT	12	P2	BW1	1.91			TEH	TEC	.610	RBARD	100	C	
84	151	.92	68	PCT	16	P3	BW1	-1.77			BW1	VS3	.580	ZPUFZ	189	H	
84	151	1.29	95	PCT	20	P3	BW1	1.66			BW1	VS3	.580	ZPUFZ	189	H	
84	151	.96	68	PCT	16	P3	VS3	-.80			BW1	VS3	.580	ZPUFZ	189	H	
84	151	1.13	62	MCI		P2	TSH	-16.93		.30	TEH	TSH	.600	ZPAHZ	303	H	
84	151	2.62	33	MCI		P4	TSH	-16.93		.20	TEH	TSH	.600	ZPAHZ	303	H	
84	151	3.02	32	MCI		P4	TSH	-16.28		.20	TEH	TSH	.600	ZPAHZ	303	H	
84	151	1.34	69	MCI		P2	TSH	-16.28		.30	TEH	TSH	.600	ZPAHZ	303	H	
84	151	.60	87	MCI		P2	TSH	-15.63		.20	TEH	TSH	.600	ZPAHZ	303	H	
84	151	1.37	28	MCI		P4	TSH	-15.63		.20	TEH	TSH	.600	ZPAHZ	303	H	
86	151	1.40	74	PCT	22	P3	BW1	1.70			BW1	VS3	.580	ZPUFZ	189	H	
90	151	.79	68	PCT	14	P3	BW1	-1.98			07H	VS3	.580	ZPUMZ	195	H	X45
96	151	.69	48	PCT	11	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	195	H	X45
98	151	.45	103	PCT	12	P2	BW1	1.90			TEH	TEC	.610	RBARD	100	C	
98	151	1.34	69	PCT	22	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	195	H	X45
100	151	.49	95	PCT	13	P2	08H	.91			TEH	TEC	.610	RBARD	100	C	
100	151	2.23	118	PCT	34	P2	VS3	-.89			TEH	TEC	.610	RBARD	100	C	
100	151	1.38	128	PCT	26	P2	VS3	.91			TEH	TEC	.610	RBARD	100	C	
100	151	.89	53	PCT	14	P5	VS5	-.58			07C	VS5	.580	ZPUMZ	120	C	X60
100	151	.77	51	PCT	13	P3	08H	.87			07H	VS3	.580	ZPUMZ	207	H	X60
100	151	.77	61	PCT	14	P5	BW1	-1.75			07H	VS3	.580	ZPUMZ	207	H	X60
100	151	2.73	78	PCT	36	P5	VS3	-.78			07H	VS3	.580	ZPUMZ	207	H	X60
100	151	1.78	91	PCT	28	P5	VS3	1.03			07H	VS3	.580	ZPUMZ	207	H	X60
102	151	.70	51	PCT	12	P3	08H	-.09			07H	VS3	.580	ZPUMZ	207	H	X60
102	151	.74	51	PCT	13	P3	08H	.91			07H	VS3	.580	ZPUMZ	207	H	X60
102	151	.82	100	PCT	15	P5	BW1	-1.91			07H	VS3	.580	ZPUMZ	207	H	X60
102	151	.82	63	PCT	15	P5	BW1	1.76			07H	VS3	.580	ZPUMZ	207	H	X60
104	151	1.12	54	PCT	19	P5	BW1	-2.06			07H	VS3	.580	ZPUMZ	207	H	X60
104	151	.69	65	PCT	13	P5	VS2	-.68			07H	VS3	.580	ZPUMZ	207	H	X60
106	151	.48	73	PCT	9	P3	08H	-.06			07H	VS3	.580	ZPUMZ	207	H	X60
110	151	.54	124	PCT	10	P3	08H	-.05			07H	VS3	.580	ZPUMZ	207	H	X60
110	151	.51	122	PCT	9	P5	BW1	1.97			07H	VS3	.580	ZPUMZ	207	H	X60
112	151	.59	96	PCT	11	P3	08H	.94			07H	VS3	.580	ZPUMZ	207	H	X60
112	151	.82	77	PCT	15	P5	BW1	.52			07H	VS3	.580	ZPUMZ	207	H	X60
114	151	.60	83	PCT	10	P5	BW2	1.77			07C	VS5	.580	ZPUMZ	120	C	X60
122	151	.51	67	PCT	9	P3	BW1	-1.93			07H	VS3	.580	ZPUMZ	207	H	X60
122	151	1.04	89	PCT	17	P3	BW1	1.66			07H	VS3	.580	ZPUMZ	207	H	X60
124	151	.94	72	PCT	17	P3	BW1	-1.87			07H	VS3	.580	ZPUMZ	234	H	X60
53	152	.76	125	PCT	20	P2	BW1	1.91			TEH	TEC	.610	RBARD	65	C	
53	152	.65	68	PCT	10	P3	BW2	1.99			BW2	VS5	.580	ZPUFZ	150	C	DQA
53	152	1.70	80	PCT	26	P3	BW1	2.06			BW1	VS3	.580	ZPUFZ	182	H	
67	152	.68	93	PCT	12	P3	07H	.68			07H	07H	.600	ZPAHZ	119	H	
69	152	.58	72	PCT	16	P2	08H	.95			TEH	TEC	.610	RBARD	65	C	
69	152	1.22	71	PCT	19	P3	08H	.98			08H	08H	.600	ZPAHZ	119	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
71	152	.56	61	PCT	11	P3	VS3	1.28			VS3	VS3	.580	ZPUFZ	187	H	
71	152	.70	91	PCT	12	P3	08H	.92			08H	08H	.600	ZPAHZ	310	H	
79	152	.47	115	PCT	14	P2	08H	.92			TEH	TEC	.610	RBARD	101	C	
79	152	.81	87	PCT	14	P3	08H	1.00			08H	08H	.600	ZPAHZ	119	H	
79	152	.91	77	PCT	15	P3	VS3	-.84			VS3	VS3	.580	ZPUFZ	189	H	
79	152	.52	79	PCT	10	P3	VS3	.90			VS3	VS3	.580	ZPUFZ	189	H	
81	152	.60	70	PCT	17	P2	08H	-.10			TEH	TEC	.610	RBARD	101	C	
81	152	1.01	71	PCT	24	P2	08H	.96			TEH	TEC	.610	RBARD	101	C	
81	152	1.46	90	PCT	22	P3	08H	-.12			08H	08H	.600	ZPAHZ	119	H	
81	152	1.81	84	PCT	26	P3	08H	1.00			08H	08H	.600	ZPAHZ	119	H	
83	152	1.10	78	PCT	18	P3	BW1	-1.79			BW1	VS3	.580	ZPUFZ	189	H	
83	152	1.23	80	PCT	20	P3	BW1	1.66			BW1	VS3	.580	ZPUFZ	189	H	
85	152	1.00	88	PCT	16	P3	08H	.95			08H	08H	.600	ZPAHZ	310	H	
87	152	.44	113	PCT	14	P2	BW1	1.86			TEH	TEC	.610	RBARD	101	C	
87	152	.97	79	PCT	16	P3	08H	.98			08H	08H	.600	ZPAHZ	119	H	
87	152	.74	77	PCT	13	P3	BW1	-2.03			BW1	VS3	.580	ZPUFZ	189	H	
87	152	1.39	86	PCT	22	P3	BW1	1.50			BW1	VS3	.580	ZPUFZ	189	H	
89	152	.72	63	PCT	13	P5	BW1	-2.03			07H	VS3	.580	ZPUMZ	193	H	X45
91	152	.57	76	PCT	11	P3	BW1	-1.87			07H	VS3	.580	ZPUMZ	193	H	X45
97	152	.64	118	PCT	18	P2	BW1	1.78			TEH	TEC	.610	RBARD	101	C	
97	152	1.53	75	PCT	25	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	193	H	X45
99	152	.77	112	PCT	20	P2	BW1	2.20			TEH	TEC	.610	RBARD	101	C	
99	152	1.60	69	PCT	25	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	193	H	X45
101	152	.94	81	PCT	16	P5	BW1	-1.98			07H	VS3	.580	ZPUMZ	208	H	X60
103	152	.48	135	PCT	14	P2	VS2	.86			TEH	TEC	.610	RBARD	101	C	
103	152	.86	70	PCT	15	P5	VS2	.92			07H	VS3	.580	ZPUMZ	208	H	X60
107	152	1.22	58	PCT	20	P3	BW1	1.90			07H	VS3	.580	ZPUMZ	208	H	X60
111	152	1.04	98	PCT	17	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	208	H	X60
113	152	.89	45	PCT	15	P3	BW1	-1.95			07H	VS3	.580	ZPUMZ	208	H	X60
113	152	.81	51	PCT	14	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	208	H	X60
113	152	.86	62	SVI	15	P3	BW1	2.42		1.00	07H	VS3	.580	ZPUMZ	208	H	TTW
113	152																X60
115	152	.43	104	PCT	13	P2	BW1	-1.91			TEC	TEH	.610	RBARD	143	H	
115	152	1.19	82	PCT	19	P3	BW1	-1.91			07H	VS3	.580	ZPUMZ	208	H	X60
115	152	.58	54	SVI	12	P3	BW1	.84		.90	07H	VS3	.580	ZPUMZ	208	H	TTW
115	152																X60
117	152	.82	101	PCT	14	P3	09H	1.09			07H	VS3	.580	ZPUMZ	208	H	X60
121	152	.60	55	PCT	11	P3	BW1	.12			07H	VS3	.580	ZPUMZ	208	H	X60
123	152	.79	62	PCT	14	P3	09H	.76			07H	VS3	.580	ZPUMZ	208	H	X60
125	152	.66	82	PCT	13	P5	BW1	2.02			07H	VS3	.580	ZPUMZ	248	H	X75
58	153	.79	79	PCT	15	P3	VS3	-.96			VS3	VS3	.580	ZPUFZ	186	H	
58	153	1.59	77	PCT	26	P3	VS3	.72			VS3	VS3	.580	ZPUFZ	186	H	
66	153	.51	36	PCT	12	P2	08H	-1.09			TEH	TEC	.610	RBARD	64	C	
66	153	.78	51	PCT	13	P3	08H	-.94			08H	BW1	.580	ZPUFZ	306	H	
66	153	.92	76	PCT	15	P3	08H	.93			08H	BW1	.580	ZPUFZ	306	H	
66	153	.55	113	PCT	10	P3	BW1	-2.16			08H	BW1	.580	ZPUFZ	306	H	
66	153	.77	104	PCT	13	P3	BW1	2.13			BW1	08H	.580	ZPUFZ	306	H	
66	153	.46	37	SAI		P2	VS3	.28		.30	08H	VS3	.580	ZPUFZ	317	H	DQA
66	153	1.59	60	SAI		P3	VS3	.28		.30	08H	VS3	.580	ZPUFZ	317	H	
70	153	.84	67	PCT	14	P3	08H	1.08			08H	08H	.600	ZPAHZ	119	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
72	153	.49	85	PCT	12	P2	08H	-.08			TEH	TEC	.610	RBARD	64	C	
72	153	.97	74	PCT	16	P3	08H	.02			07H	08H	.600	ZPAHZ	334	H	
76	153	.40	75	PCT	11	P2	08H	1.10			TEH	TEC	.610	RBARD	100	C	
76	153	.79	89	PCT	13	P3	08H	1.00			08H	08H	.600	ZPAHZ	119	H	
78	153	.78	85	PCT	13	P3	08H	.94			08H	08H	.600	ZPAHZ	119	H	
82	153	.57	119	PCT	14	P2	08H	.99			TEH	TEC	.610	RBARD	100	C	
82	153	.80	45	PCT	14	P3	08H	1.04			08H	08H	.600	ZPAHZ	119	H	
88	153	.82	95	PCT	14	P3	BW1	1.80			BW1	VS3	.580	ZPUFZ	189	H	
88	153	1.34	107	PCT	21	P3	VS2	.88			BW1	VS3	.580	ZPUFZ	189	H	
90	153	.69	66	PCT	13	P3	BW1	-1.97			07H	VS3	.580	ZPUMZ	195	H	X45
92	153	.68	19	PCT	16	P2	BW1	1.85			TEH	TEC	.610	RBARD	100	C	
92	153	1.11	79	PCT	19	P3	BW1	2.02			07H	VS3	.580	ZPUMZ	195	H	X45
94	153	.47	107	PCT	9	P3	BW1	-2.04			07H	VS3	.580	ZPUMZ	195	H	X45
100	153	.75	43	PCT	13	P3	08H	-.06			07H	VS3	.580	ZPUMZ	207	H	X60
100	153	1.09	68	PCT	19	P5	BW1	-2.02			07H	VS3	.580	ZPUMZ	207	H	X60
100	153	1.06	61	PCT	19	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	207	H	X60
100	153	.75	43	PCT	13	P3	VS2	-.72			07H	VS3	.580	ZPUMZ	207	H	X60
102	153	1.00	74	PCT	18	P5	BW1	2.08			07H	VS3	.580	ZPUMZ	207	H	X60
104	153	.55	87	PCT	14	P2	08H	.05			TEH	TEC	.610	RBARD	100	C	
104	153	.77	50	PCT	13	P3	08H	-.13			07H	VS3	.580	ZPUMZ	207	H	X60
104	153	.43	48	PCT	8	P3	08H	.89			07H	VS3	.580	ZPUMZ	207	H	X60
106	153	.63	90	PCT	12	P5	BW1	1.91			07H	VS3	.580	ZPUMZ	207	H	X60
108	153	.70	60	PCT	12	P3	08H	-.14			07H	VS3	.580	ZPUMZ	207	H	X60
110	153	.79	59	PCT	14	P5	BW1	-1.74			07H	VS3	.580	ZPUMZ	207	H	X60
110	153	.85	60	SVI	15	P5	BW1	2.63		.80	07H	VS3	.580	ZPUMZ	207	H	TTW
110	153																X60
112	153	.53	98	PCT	10	P5	BW1	-1.78			07H	VS3	.580	ZPUMZ	207	H	X60
112	153	.86	80	PCT	15	P5	BW1	1.40			07H	VS3	.580	ZPUMZ	207	H	X60
116	153	.44	82	PCT	8	P3	BW1	-1.86			07H	VS3	.580	ZPUMZ	207	H	X60
118	153	.79	107	PCT	14	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	207	H	X60
53	154	.78	85	PCT	12	P3	BW2	2.00			BW2	VS5	.580	ZPUFZ	150	C	DQA
55	154	.93	121	PCT	15	P3	VS5	-.84			VS5	VS5	.580	ZPUFZ	129	C	DQA
57	154	.75	77	PCT	13	P3	07H	.96			07H	07H	.600	ZPAHZ	308	H	
63	154	1.04	96	PCT	19	P3	BW1	2.15			BW1	VS3	.580	ZPUFZ	186	H	
63	154	.43	58	PCT	9	P3	VS3	-.87			BW1	VS3	.580	ZPUFZ	186	H	
67	154	.98	85	PCT	23	P2	08H	.95			TEH	TEC	.610	RBARD	65	C	
67	154	1.63	91	PCT	25	P3	08H	1.27			08H	VS3	.580	ZPUFZ	186	H	
67	154	.81	79	PCT	15	P3	BW1	-1.72			08H	VS3	.580	ZPUFZ	186	H	
67	154	.83	81	PCT	15	P3	BW1	1.25			08H	VS3	.580	ZPUFZ	186	H	
69	154	1.32	76	PCT	20	P3	VS3	-.53			VS3	VS3	.580	ZPUFZ	306	H	
81	154	.73	84	PCT	13	P3	08H	.89			08H	08H	.600	ZPAHZ	119	H	
85	154	.68	87	PCT	12	P3	08H	.91			08H	08H	.600	ZPAHZ	308	H	
93	154	.74	59	PCT	14	P3	BW1	1.71			07H	VS3	.580	ZPUMZ	193	H	X45
95	154	.74	40	PCT	14	P3	BW1	-1.97			07H	VS3	.580	ZPUMZ	195	H	X45

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
97	154	.79	67	PCT	15	P3	BW1	-1.67			07H	VS3	.580	ZPUMZ	193	H	X45
99	154	.87	70	PCT	16	P3	BW1	1.74			07H	VS3	.580	ZPUMZ	193	H	X45
103	154	.87	85	PCT	15	P3	BW1	-2.06			07H	VS3	.580	ZPUMZ	208	H	X60
107	154	.68	109	PCT	12	P3	08H	-.12			07H	VS3	.580	ZPUMZ	208	H	X60
107	154	.84	70	PCT	14	P3	08H	.87			07H	VS3	.580	ZPUMZ	208	H	X60
109	154	.74	99	PCT	13	P3	BW1	1.88			07H	VS3	.580	ZPUMZ	208	H	X60
111	154	.60	50	PCT	11	P3	BW1	-1.78			07H	VS3	.580	ZPUMZ	208	H	X60
111	154	.80	101	PCT	14	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	208	H	X60
113	154	.61	94	PCT	11	P3	BW1	-2.06			07H	VS3	.580	ZPUMZ	208	H	X60
113	154	.73	82	PCT	13	P5	VS2	-.86			07H	VS3	.580	ZPUMZ	208	H	X60
115	154	.84	71	PCT	15	P3	BW1	-1.86			07H	VS3	.580	ZPUMZ	208	H	X60
123	154	.66	108	PCT	12	P5	VS1	.95			07H	VS3	.580	ZPUMZ	208	H	X60
28	155	1.29	41	SCI		P2	TSH	-13.30		.30	TSH	TSH	.600	ZPAHZ	35	H	
28	155	1.18	38	SCI		P4	TSH	-13.30		.20	TSH	TSH	.600	ZPAHZ	35	H	
50	155	1.20	115	PCT	24	P2	VS4	.90			TEH	TEC	.610	RBARD	62	C	
50	155	1.95	81	PCT	29	P3	VS4	.95			VS4	VS4	.580	ZPUFZ	182	H	
54	155	1.20	75	PCT	20	P3	BW1	2.25			BW1	VS3	.580	ZPUFZ	182	H	
66	155	.65	48	PCT	16	P2	08H	.90			TEH	TEC	.610	RBARD	62	C	
66	155	.79	86	PCT	18	P2	08C	-1.14			TEH	TEC	.610	RBARD	62	C	
66	155	1.03	79	PCT	16	P3	08C	-.89			08C	08C	.580	ZPUFZ	129	C	
66	155	1.00	73	PCT	15	P3	08C	-.89			08C	08C	.580	ZPUFZ	150	C	
66	155	.87	91	PCT	15	P3	08H	.96			08H	VS3	.580	ZPUFZ	306	H	
66	155	.67	81	PCT	12	P3	BW1	1.98			08H	VS3	.580	ZPUFZ	306	H	
72	155	.97	95	PCT	21	P2	VS3	-.79			TEH	TEC	.610	RBARD	62	C	
72	155	1.20	74	PCT	20	P3	VS3	-.83			VS3	VS3	.580	ZPUFZ	187	H	
72	155	.71	84	PCT	13	P3	VS3	1.01			VS3	VS3	.580	ZPUFZ	187	H	
80	155	.73	82	PCT	13	P3	08H	1.04			08H	08H	.600	ZPAHZ	308	H	
84	155	2.28	100	PCT	35	P2	VS3	-.82			TEH	TEC	.610	RBARD	100	C	
84	155	3.61	108	PCT	42	P2	VS5	.72			TEH	TEC	.610	RBARD	100	C	
84	155	3.12	78	PCT	36	P3	VS5	.55			VS5	VS5	.580	ZPUFZ	129	C	DQA
84	155	2.75	77	PCT	35	P3	VS3	-.80			VS3	VS3	.580	ZPUFZ	189	H	
84	155	.90	96	PCT	15	P3	VS3	.13			VS3	VS3	.580	ZPUFZ	189	H	
84	155	1.16	92	PCT	19	P3	VS3	.60			VS3	VS3	.580	ZPUFZ	189	H	
88	155	.85	125	PCT	19	P2	BW1	1.86			TEH	TEC	.610	RBARD	100	C	
88	155	.68	115	PCT	12	P3	BW1	-1.58			BW1	VS3	.580	ZPUFZ	189	H	
88	155	1.74	84	PCT	26	P3	BW1	1.68			BW1	VS3	.580	ZPUFZ	189	H	
92	155	.79	41	PCT	15	P3	BW1	1.95			07H	VS3	.580	ZPUMZ	193	H	X45
100	155	.67	77	PCT	13	P3	08H	.87			07H	VS3	.580	ZPUMZ	203	H	X60
100	155	.68	72	PCT	13	P3	BW1	-1.95			07H	VS3	.580	ZPUMZ	203	H	X60
100	155	.59	70	PCT	12	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	203	H	X60
102	155	.57	62	PCT	10	P3	08H	-.20			07H	VS3	.580	ZPUMZ	207	H	X60
104	155	.58	34	PCT	11	P5	VS3	.84			07H	VS3	.580	ZPUMZ	207	H	X60
106	155	.68	73	PCT	12	P3	08H	-.15			07H	VS3	.580	ZPUMZ	207	H	X60
106	155	.47	70	PCT	9	P5	BW1	1.92			07H	VS3	.580	ZPUMZ	207	H	X60
108	155	.58	117	PCT	10	P5	BW1	1.75			07H	VS3	.580	ZPUMZ	207	H	X60
112	155	1.16	64	PCT	20	P5	BW1	-1.77			07H	VS3	.580	ZPUMZ	207	H	X60
114	155	.57	71	PCT	10	P3	BW1	-1.75			07H	VS3	.580	ZPUMZ	207	H	X60

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
120	155	.69	94	PCT	12	P3	02C	-.95			02C	02C	.600	ZPAHZ	21	C	DQA
122	155	.67	63	PCT	11	P3	02C	-.90			02C	02C	.600	ZPAHZ	21	C	DQA
122	155	1.03	75	PCT	17	P3	09H	.70			07H	VS3	.580	ZPUMZ	208	H	X60
122	155	1.08	73	PCT	18	P3	BW1	-1.98			07H	VS3	.580	ZPUMZ	208	H	X60
122	155	.76	117	PCT	13	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	208	H	X60
67	156	.64	82	PCT	11	P3	06H	.80			06H	08H	.600	ZPAHZ	119	H	
67	156	.68	107	PCT	12	P3	07H	.95			06H	08H	.600	ZPAHZ	119	H	
79	156	.98	88	PCT	16	P3	08H	1.09			08H	08H	.600	ZPAHZ	119	H	
83	156	.77	72	PCT	20	P2	08H	1.14			TEH	TEC	.610	RBARD	101	C	
83	156	1.20	100	PCT	19	P3	08H	1.16			08H	08H	.600	ZPAHZ	119	H	
83	156	1.02	57	PCT	17	P3	BW1	2.12			BW1	VS3	.580	ZPUFZ	189	H	
89	156	1.42	82	PCT	22	P3	BW1	2.06			BW1	VS3	.580	ZPUFZ	189	H	
91	156	.39	154	PCT	12	P2	BW1	1.86			TEH	TEC	.610	RBARD	101	C	
91	156	1.20	83	PCT	19	P3	BW1	1.66			BW1	VS3	.580	ZPUFZ	189	H	
93	156	.64	52	PCT	12	P3	BW1	1.40			07H	VS3	.580	ZPUMZ	195	H	X45
97	156	.54	60	PCT	10	P3	BW1	-1.79			07H	VS3	.580	ZPUMZ	195	H	X45
103	156	.65	91	PCT	12	P3	08H	.93			07H	VS3	.580	ZPUMZ	208	H	X60
103	156	.67	46	PCT	12	P5	VS2	.83			07H	VS3	.580	ZPUMZ	208	H	X60
105	156	.65	63	PCT	12	P3	BW1	1.60			07H	VS3	.580	ZPUMZ	208	H	X60
107	156	.60	78	PCT	11	P3	08H	.95			07H	VS3	.580	ZPUMZ	208	H	X60
107	156	1.35	87	PCT	21	P3	BW1	2.15			07H	VS3	.580	ZPUMZ	208	H	X60
107	156	.51	121	PCT	9	P5	VS2	-.93			07H	VS3	.580	ZPUMZ	208	H	X60
111	156	1.06	65	PCT	25	P2	08H	1.06			TEH	TEC	.610	RBARD	101	C	
111	156	.48	27	PCT	14	P2	BW1	-2.17			TEH	TEC	.610	RBARD	101	C	
111	156	.68	45	PCT	12	P3	07H	.92			07H	VS3	.580	ZPUMZ	208	H	X60
111	156	1.19	99	PCT	19	P3	08H	.93			07H	VS3	.580	ZPUMZ	208	H	X60
111	156	1.44	61	PCT	22	P3	BW1	-2.19			07H	VS3	.580	ZPUMZ	208	H	X60
111	156	1.23	87	PCT	20	P3	BW1	1.98			07H	VS3	.580	ZPUMZ	208	H	X60
113	156	.76	47	PCT	13	P3	BW1	-2.08			07H	VS3	.580	ZPUMZ	208	H	X60
115	156	.68	28	PCT	12	P3	BW1	1.91			07H	VS3	.580	ZPUMZ	208	H	X60
115	156	.76	48	PCT	13	P5	VS2	.65			07H	VS3	.580	ZPUMZ	208	H	X60
117	156	1.17	77	PCT	19	P3	08H	1.01			07H	VS3	.580	ZPUMZ	208	H	X60
117	156	.65	51	PCT	12	P3	09H	-1.02			07H	VS3	.580	ZPUMZ	208	H	X60
119	156	.73	30	PCT	13	P3	09H	-.04			07H	BW1	.580	ZPUMZ	208	H	X60
119	156	1.11	52	PCT	18	P3	BW1	1.97			07H	BW1	.580	ZPUMZ	208	H	X60
119	156	.65	28	PCT	12	P3	09H	-.04			07H	VS3	.580	ZPUMZ	234	H	X60
119	156	1.03	43	PCT	18	P3	BW1	1.97			07H	VS3	.580	ZPUMZ	234	H	X60
121	156	.69	79	PCT	12	P3	BW1	-1.86			07H	VS3	.580	ZPUMZ	208	H	X60
30	157	1.84	39	SCI		P4	TSH	-13.99		.30	TSH	TSH	.600	ZPAHZ	37	H	
30	157	1.79	41	SCI		P2	TSH	-13.99		.20	TSH	TSH	.600	ZPAHZ	37	H	
66	157	.90	30	PCT	20	P2	08H	.88			TEH	TEC	.610	RBARD	62	C	
66	157	1.08	72	PCT	18	P3	08H	.92			08H	VS3	.580	ZPUFZ	306	H	
66	157	.62	91	PCT	11	P3	BW1	-1.86			08H	VS3	.580	ZPUFZ	306	H	
72	157	1.00	68	PCT	16	P3	08H	.92			08H	08H	.600	ZPAHZ	119	H	
76	157	.84	73	PCT	15	P3	VS3	1.06			VS3	VS3	.580	ZPUFZ	187	H	
82	157	1.58	105	PCT	29	P2	VS5	1.01			TEH	TEC	.610	RBARD	100	C	
82	157	1.00	74	PCT	16	P3	VS5	.63			VS5	VS5	.580	ZPUFZ	129	C	DQA
82	157	1.97	66	PCT	27	P3	VS5	.87			VS5	VS5	.580	ZPUFZ	129	C	
82	157	.83	89	PCT	14	P3	VS3	.84			VS3	VS3	.580	ZPUFZ	189	H	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
84	157	.48	90	SAI		P2	04H	.22		.40	04H	04H	.600	ZPAHZ	308	H	
84	157	.49	76	SAI		P3	04H	.22		.30	04H	04H	.600	ZPAHZ	308	H	
94	157	.83	52	PCT	15	P3	08H	.96			07H	VS3	.580	ZPUMZ	193	H	DQA
94	157																X45
102	157	.78	57	PCT	14	P3	08H	.99			07H	VS3	.580	ZPUMZ	207	H	X60
102	157	.83	61	PCT	15	P5	BW1	1.54			07H	VS3	.580	ZPUMZ	207	H	X60
108	157	.79	51	PCT	14	P5	BW1	2.19			07H	VS3	.580	ZPUMZ	207	H	X60
110	157	.65	61	PCT	12	P5	BW1	2.00			07H	VS3	.580	ZPUMZ	207	H	X60
110	157	.53	55	PCT	10	P5	VS2	-1.02			07H	VS3	.580	ZPUMZ	207	H	X60
116	157	.56	68	PCT	10	P3	09H	-1.47			07H	VS3	.580	ZPUMZ	207	H	X60
118	157	1.26	79	PCT	19	P3	04C	-.95			04C	04C	.600	ZPAHZ	21	C	DQA
118	157	.32	126	PCT	10	P2	BW1	-1.80			TEC	TEH	.610	RBARD	144	H	
118	157	.93	58	PCT	16	P3	08H	.86			07H	VS3	.580	ZPUMZ	208	H	X60
118	157	1.03	65	PCT	17	P3	09H	.81			07H	VS3	.580	ZPUMZ	208	H	X60
118	157	.84	81	PCT	14	P3	BW1	-1.96			07H	VS3	.580	ZPUMZ	208	H	X60
118	157	.69	109	PCT	12	P3	BW1	1.24			07H	VS3	.580	ZPUMZ	208	H	X60
27	158	.65	83	PCT	11	P3	VS4	-1.00			VS4	VS4	.580	ZPUFZ	179	H	
67	158	.66	93	PCT	18	P2	BW1	-1.75			TEH	TEC	.610	RBARD	63	C	
67	158	.89	55	PCT	15	P3	08H	-.29			06H	08H	.600	ZPAHZ	119	H	
67	158	.59	57	PCT	11	P3	08H	-.29			08H	VS3	.580	ZPUFZ	186	H	
67	158	1.58	89	PCT	25	P3	BW1	-1.80			08H	VS3	.580	ZPUFZ	186	H	
69	158	.81	67	PCT	14	P3	07H	-.99			07H	08H	.600	ZPAHZ	119	H	
87	158	.33	21	PCT	11	P2	BW1	1.83			TEH	TEC	.610	RBARD	101	C	
87	158	1.63	98	PCT	25	P3	BW1	1.74			BW1	VS3	.580	ZPUFZ	189	H	
87	158	.62	117	PCT	11	P3	VS2	-.54			BW1	VS3	.580	ZPUFZ	189	H	
89	158	.69	52	PCT	12	P3	08H	.92			08H	08H	.600	ZPAHZ	308	H	
99	158	.39	48	PCT	12	P2	VS2	-.77			TEH	TEC	.610	RBARD	101	C	
99	158	.80	50	PCT	15	P5	VS2	-.93			07H	VS3	.580	ZPUMZ	193	H	X45
101	158	.64	90	PCT	11	P3	08H	.96			07H	VS3	.580	ZPUMZ	208	H	X60
101	158	.76	89	PCT	13	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	208	H	X60
101	158	.60	87	PCT	10	P5	BW1	1.83			07H	VS3	.580	ZPUMZ	208	H	X60
103	158	.78	63	SVI	14	P5	BW1	2.68		1.00	07H	VS3	.580	ZPUMZ	208	H	TTW
103	158																X60
107	158	1.15	75	PCT	19	P3	BW1	1.75			07H	VS3	.580	ZPUMZ	208	H	X60
107	158	.66	44	PCT	12	P5	VS2	-.01			07H	VS3	.580	ZPUMZ	208	H	X60
111	158	.63	45	PCT	11	P3	BW1	1.83			07H	VS3	.580	ZPUMZ	208	H	X60
113	158	.62	75	PCT	11	P3	BW1	-1.86			07H	VS3	.580	ZPUMZ	208	H	X60
113	158	.91	73	PCT	16	P3	BW1	1.62			07H	VS3	.580	ZPUMZ	208	H	X60
117	158	.71	99	PCT	12	P3	08H	.90			07H	VS3	.580	ZPUMZ	208	H	X60
117	158	.64	77	PCT	11	P3	09H	-1.10			07H	VS3	.580	ZPUMZ	208	H	X60
117	158	.80	64	PCT	14	P3	BW1	1.66			07H	VS3	.580	ZPUMZ	208	H	X60
36	159	5.31	2	BID		P1	TSC	6.18			TEH	TEC	.610	RBARD	38	C	
40	159	1.11	77	PCT	23	P2	VS4	-.89			TEH	TEC	.610	RBARD	62	C	
40	159	1.46	47	PCT	21	P3	VS4	-.84			VS4	VS4	.580	ZPUFZ	182	H	
40	159	.93	34	PCT	15	P3	VS4	.98			VS4	VS4	.580	ZPUFZ	182	H	
66	159	.74	73	PCT	18	P2	08H	1.19			TEH	TEC	.610	RBARD	62	C	
66	159	.70	56	PCT	12	P3	08H	1.20			08H	VS3	.580	ZPUFZ	306	H	
76	159	.58	65	PCT	10	P3	VS5	-.97			VS5	VS5	.580	ZPUFZ	129	C	DQA
80	159	1.22	63	PCT	18	P3	VS5	.86			VS5	VS5	.580	ZPUFZ	129	C	DQA
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
80	159	.73	77	PCT	13	P3	08H	.90			08H	08H	.600	ZPAHZ	308	H	
82	159	1.47	64	PCT	21	P3	VS5	-.90			VS5	VS5	.580	ZPUFZ	129	C	
82	159	1.15	58	PCT	17	P3	VS5	.86			VS5	VS5	.580	ZPUFZ	129	C	DQA
88	159	.80	106	PCT	18	P2	BW1	1.75			TEH	TEC	.610	RBARD	100	C	
88	159	.92	95	PCT	15	P3	08H	1.05			08H	08H	.600	ZPAHZ	119	H	
88	159	.76	80	PCT	13	P3	BW1	-1.80			BW1	VS3	.580	ZPUFZ	189	H	
88	159	1.73	93	PCT	26	P3	BW1	1.39			BW1	VS3	.580	ZPUFZ	189	H	
92	159	.72	100	PCT	17	P2	08H	.98			TEH	TEC	.610	RBARD	100	C	
92	159	.99	63	PCT	17	P3	08H	.93			08H	08H	.600	ZPAHZ	119	H	
92	159	.99	90	PCT	16	P3	BW1	1.83			BW1	VS3	.580	ZPUFZ	189	H	
96	159	.59	79	PCT	11	P3	08H	.99			07H	VS3	.580	ZPUMZ	193	H	X45
102	159	.83	57	PCT	15	P3	08H	-.16			07H	VS3	.580	ZPUMZ	207	H	X60
102	159	.92	61	PCT	16	P5	BW1	-1.94			07H	VS3	.580	ZPUMZ	207	H	X60
108	159	.77	113	PCT	14	P5	BW1	1.61			07H	VS3	.580	ZPUMZ	207	H	X60
110	159	.52	115	PCT	9	P5	BW1	1.66			07H	VS3	.580	ZPUMZ	207	H	X60
112	159	.75	110	PCT	17	P2	VS3	-.86			TEH	TEC	.610	RBARD	100	C	
112	159	.66	57	PCT	12	P5	BW1	-2.28			07H	VS3	.580	ZPUMZ	207	H	X60
112	159	.77	75	PCT	14	P5	VS3	-1.11			07H	VS3	.580	ZPUMZ	207	H	X60
114	159	1.01	74	PCT	15	P3	04C	-.96			04C	04C	.600	ZPAHZ	20	C	DQA
114	159	.92	92	PCT	16	P3	BW1	1.93			07H	VS3	.580	ZPUMZ	208	H	X60
116	159	1.21	93	PCT	18	P3	04C	-.90			04C	04C	.600	ZPAHZ	21	C	DQA
116	159	.47	47	PCT	13	P2	BW1	1.51			TEC	TEH	.610	RBARD	144	H	
116	159	1.14	65	PCT	19	P3	09H	-1.01			07H	VS3	.580	ZPUMZ	208	H	X60
116	159	.84	64	PCT	15	P3	BW1	-1.64			07H	VS3	.580	ZPUMZ	208	H	X60
116	159	1.21	74	PCT	20	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	208	H	X60
9	160	.69	66	PCT	13	P3	BW2	.75			07C	07H	.580	ZPUFZ	27	C	
75	160	.70	69	PCT	12	P3	VS3	-.94			VS3	VS3	.580	ZPUFZ	306	H	
91	160	.39	77	PCT	12	P2	08H	.93			TEH	TEC	.610	RBARD	101	C	
91	160	.95	89	PCT	16	P3	08H	1.05			08H	08H	.600	ZPAHZ	119	H	
99	160	.44	79	PCT	14	P2	BW1	1.77			TEH	TEC	.610	RBARD	101	C	
99	160	1.34	67	PCT	22	P3	BW1	1.85			07H	VS3	.580	ZPUMZ	193	H	X45
101	160	.68	99	PCT	12	P3	08H	-.30			07H	VS3	.580	ZPUMZ	208	H	X60
101	160	.61	74	PCT	11	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	208	H	X60
103	160	.78	54	PCT	13	P3	08H	1.00			07H	VS3	.580	ZPUMZ	208	H	X60
105	160	.88	73	PCT	15	P5	BW1	-2.00			07H	VS3	.580	ZPUMZ	208	H	X60
107	160	.44	60	PCT	14	P2	BW1	-1.80			TEH	TEC	.610	RBARD	101	C	
107	160	1.25	94	PCT	20	P3	BW1	-2.00			07H	VS3	.580	ZPUMZ	208	H	X60
107	160	.56	75	PCT	10	P5	VS2	.90			07H	VS3	.580	ZPUMZ	208	H	X60
113	160	.65	49	PCT	11	P3	BW1	1.68			07H	VS3	.580	ZPUMZ	208	H	X60
48	161	1.13	68	PCT	19	P3	VS4	.22			VS4	VS4	.580	ZPUFZ	182	H	
64	161	1.23	72	PCT	21	P3	BW1	1.87			07H	VS3	.580	ZPUFZ	182	H	
68	161	.60	57	PCT	11	P3	08H	1.00			08H	VS3	.580	ZPUFZ	186	H	
88	161	.75	106	PCT	20	P2	08H	.98			TEH	TEC	.610	RBARD	99	C	
88	161	.41	136	PCT	12	P2	BW1	1.98			TEH	TEC	.610	RBARD	99	C	
88	161	1.64	70	PCT	25	P3	08H	.89			08H	08H	.600	ZPAHZ	119	H	
88	161	1.57	78	PCT	24	P3	BW1	1.55			BW1	VS3	.580	ZPUFZ	189	H	
88	161	.69	73	PCT	12	P3	VS2	.70			BW1	VS3	.580	ZPUFZ	189	H	
94	161	.93	91	PCT	15	P3	08H	-.97			08H	08H	.600	ZPAHZ	119	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
94	161	.92	96	PCT	15	P3	08H	1.00			08H	08H	.600	ZPAHZ	119	H	
98	161	.69	73	PCT	19	P2	08H	1.18			TEH	TEC	.610	RBARD	99	C	
98	161	.63	108	PCT	12	P3	08H	1.18			07H	VS3	.580	ZPUMZ	193	H	DQA
98	161																X45
98	161	.54	62	PCT	10	P5	VS2	-.89			07H	VS3	.580	ZPUMZ	193	H	X45
100	161	.94	74	PCT	17	P3	08H	-.36			07H	VS3	.580	ZPUMZ	203	H	X60
100	161	1.08	71	PCT	18	P3	BW1	1.16			07H	VS3	.580	ZPUMZ	203	H	X60
100	161	1.03	60	PCT	18	P3	BW1	2.00			07H	VS3	.580	ZPUMZ	203	H	X60
102	161	.60	105	PCT	11	P3	08H	.79			07H	VS3	.580	ZPUMZ	203	H	X60
102	161	.98	91	PCT	17	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	203	H	X60
112	161	.37	61	PCT	12	P2	VS2	-.86			TEH	TEC	.610	RBARD	99	C	
112	161	.92	71	PCT	15	P3	BW2	1.92			BW2	VS5	.580	ZPUFZ	135	C	
112	161	.64	91	PCT	11	P5	VS2	-1.01			07H	VS3	.580	ZPUMZ	208	H	X60
61	162	1.30	60	PCT	19	P3	BW2	1.58			BW2	VS5	.580	ZPUFZ	135	C	
73	162	.73	43	PCT	19	P2	08H	.97			TEH	TEC	.610	RBARD	63	C	
73	162	.73	65	PCT	13	P3	08H	.99			08H	08H	.600	ZPAHZ	119	H	
77	162	.63	47	PCT	11	P3	08H	.97			08H	08H	.600	ZPAHZ	119	H	
79	162	1.54	128	PCT	23	P3	VS3	.73			VS3	VS3	.580	ZPUFZ	306	H	
81	162	1.06	76	PCT	17	P3	BW1	-1.71			BW1	VS3	.580	ZPUFZ	306	H	
81	162	1.43	87	PCT	22	P3	BW1	1.56			BW1	VS3	.580	ZPUFZ	306	H	
85	162	.86	56	PCT	19	P2	08H	1.02			TEH	TEC	.610	RBARD	98	C	
85	162	1.29	79	PCT	21	P3	08H	1.08			08H	08H	.600	ZPAHZ	119	H	
89	162	.84	79	PCT	15	P3	08H	.93			07H	08H	.600	ZPAHZ	119	H	
89	162	1.08	46	PCT	18	P3	BW1	-1.83			BW1	VS3	.580	ZPUFZ	306	H	
89	162	.89	72	SVI	15	P3	BW1	2.83		1.40	BW1	VS3	.580	ZPUFZ	306	H	TTW
91	162	1.12	104	PCT	22	P2	BW1	1.83			TEH	TEC	.610	RBARD	98	C	
91	162	.78	90	PCT	13	P3	08H	-.10			08H	08H	.600	ZPAHZ	119	H	
91	162	1.66	75	PCT	25	P3	BW1	2.08			BW1	VS3	.580	ZPUFZ	189	H	
93	162	.81	56	PCT	14	P3	08H	-1.09			08H	08H	.600	ZPAHZ	308	H	
93	162	.97	70	PCT	16	P3	08H	.99			08H	08H	.600	ZPAHZ	308	H	
103	162	.67	60	PCT	12	P3	08H	-.09			07H	VS3	.580	ZPUMZ	204	H	X60
34	163	.47	53	PCT	7	P3	06C	.97			06C	06C	.600	ZPAHZ	20	C	DQA
40	163	.82	74	PCT	19	P2	VS4	-.85			TEH	TEC	.610	RBARD	62	C	
40	163	1.05	90	PCT	16	P3	VS4	-.94			VS4	VS4	.580	ZPUFZ	182	H	
60	163	1.24	27	SAI		P2	VS3	-.87		.60	VS3	VS3	.580	ZPUFZ	182	H	
60	163	1.70	92	SAI		P3	VS3	-.87		.60	VS3	VS3	.580	ZPUFZ	182	H	
70	163	.73	87	PCT	17	P2	VS5	1.01			TEH	TEC	.610	RBARD	62	C	
70	163	.72	86	PCT	12	P3	VS5	.86			VS5	VS5	.580	ZPUFZ	129	C	DQA
76	163	.57	129	PCT	14	P2	08H	.92			TEH	TEC	.610	RBARD	98	C	
76	163	.64	78	PCT	12	P3	08H	.88			08H	08H	.600	ZPAHZ	119	H	
82	163	.62	61	PCT	11	P3	08H	.92			08H	08H	.600	ZPAHZ	308	H	
84	163	.64	97	PCT	18	P2	VS3	-.76			TEH	TEC	.610	RBARD	99	C	
84	163	.58	97	PCT	16	P2	VS5	.97			TEH	TEC	.610	RBARD	99	C	
84	163	1.21	69	PCT	20	P3	VS3	-.89			VS3	VS3	.580	ZPUFZ	189	H	
86	163	.99	60	PCT	16	P3	08H	-.07			08H	08H	.600	ZPAHZ	308	H	
88	163	.58	67	PCT	17	P2	08H	1.04			TEH	TEC	.610	RBARD	99	C	
88	163	.90	66	PCT	15	P3	08H	.96			08H	08H	.600	ZPAHZ	119	H	
92	163	1.38	78	PCT	29	P2	08H	.97			TEH	TEC	.610	RBARD	99	C	

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
92	163	1.24	79	PCT	19	P3	08H	.82			08H	08H	.600	ZPAHZ	119	H	
92	163	1.96	82	PCT	27	P3	08H	.87			08H	08H	.600	ZPAHZ	119	H	
92	163	.38	56	SAI		P3	VS5	-.42		.20	VS5	VS5	.580	ZPUFZ	135	C	
92	163	.00	0	SAI		P2	VS5	-.42		.00	VS5	VS5	.580	ZPUFZ	135	C	
94	163	.98	75	PCT	17	P3	08H	.00			08H	08H	.600	ZPAHZ	119	H	
100	163	.71	59	PCT	14	P3	BW1	1.81			07H	VS3	.580	ZPUMZ	203	H	X60
106	163	.67	77	PCT	12	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	203	H	X60
108	163	.75	92	PCT	13	P3	BW1	1.77			07H	VS3	.580	ZPUMZ	204	H	X60
1	164	.90	81	PCT	14	P3	02C	-.83			02C	02C	.600	ZPAHZ	139	C	
17	164	.89	106	PCT	15	P3	VS4	-.78			VS4	VS4	.580	ZPUFZ	179	H	
59	164	5.56	4	BID		P1	06H	29.82			TEH	TEC	.610	RBARD	63	C	
59	164	.79	19	SVI		P3	06H	29.58		.40	06H	07H	.600	ZPAHZ	119	H	PID
59	164																VID
67	164	1.21	91	PCT	20	P3	BW1	-2.08			08H	VS3	.580	ZPUFZ	186	H	
67	164	1.02	94	PCT	18	P3	BW1	1.95			08H	VS3	.580	ZPUFZ	186	H	
79	164	1.13	128	PCT	22	P2	VS3	-.74			TEH	TEC	.610	RBARD	98	C	
79	164	.94	89	PCT	16	P3	VS3	-.75			VS3	VS3	.580	ZPUFZ	189	H	
87	164	.56	90	PCT	10	P3	BW1	-1.71			BW1	VS3	.580	ZPUFZ	189	H	
87	164	.96	91	PCT	16	P3	BW1	1.68			BW1	VS3	.580	ZPUFZ	189	H	
93	164	.73	44	PCT	12	P3	08H	.00			08H	08H	.600	ZPAHZ	308	H	
93	164	.90	107	PCT	15	P3	08H	.94			08H	08H	.600	ZPAHZ	308	H	
95	164	.79	65	PCT	13	P3	08H	.73			08H	08H	.600	ZPAHZ	119	H	
101	164	.75	87	PCT	13	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	204	H	X60
105	164	.69	64	PCT	12	P5	BW1	-1.88			07H	VS3	.580	ZPUMZ	204	H	X60
105	164	.92	43	PCT	16	P5	BW1	1.65			07H	VS3	.580	ZPUMZ	204	H	X60
2	165	.77	101	PCT	12	P3	02C	-.83			02C	02C	.600	ZPAHZ	20	C	DQA
2	165	1.29	90	PCT	19	P3	02C	-.14			02C	02C	.600	ZPAHZ	20	C	DQA
2	165	.98	93	PCT	15	P3	02C	.88			02C	02C	.600	ZPAHZ	20	C	DQA
40	165	.99	41	PCT	15	P3	VS4	-.87			VS4	VS4	.580	ZPUFZ	182	H	
62	165	.92	69	PCT	15	P3	BW2	1.52			BW2	VS5	.580	ZPUFZ	135	C	
66	165	1.49	117	PCT	28	P2	08H	1.00			TEH	TEC	.610	RBARD	62	C	
66	165	1.21	86	PCT	20	P3	08H	.93			08H	VS3	.580	ZPUFZ	186	H	
66	165	1.41	80	PCT	23	P3	BW1	-1.76			08H	VS3	.580	ZPUFZ	186	H	
72	165	2.63	113	PCT	37	P2	VS3	-.89			TEH	TEC	.610	RBARD	62	C	
72	165	.67	136	PCT	16	P2	VS5	.97			TEH	TEC	.610	RBARD	62	C	
72	165	.85	84	PCT	14	P3	VS5	1.00			VS5	VS5	.580	ZPUFZ	135	C	
72	165	3.21	70	PCT	38	P3	VS3	-.91			VS3	VS3	.580	ZPUFZ	186	H	
82	165	.77	109	PCT	13	P3	08H	-.90			08H	08H	.600	ZPAHZ	119	H	
82	165	.61	71	PCT	11	P3	08H	.95			08H	08H	.600	ZPAHZ	119	H	
86	165	.87	102	PCT	15	P3	08H	1.02			08H	08H	.600	ZPAHZ	119	H	
86	165	.74	94	PCT	19	P2	08H	.98			TEH	TEC	.610	RBARD	141	C	
88	165	.73	130	PCT	19	P2	BW1	1.81			TEH	TEC	.610	RBARD	99	C	
88	165	1.66	86	PCT	25	P3	BW1	1.58			BW1	VS3	.580	ZPUFZ	189	H	
96	165	1.23	45	PCT	19	P3	BW1	-1.80			BW1	VS3	.580	ZPUFZ	306	H	
104	165	.73	48	PCT	13	P3	BW1	-1.80			07H	VS3	.580	ZPUMZ	204	H	X60
1	166	.59	69	PCT	9	P3	05C	.05			05C	05C	.600	ZPAHZ	20	C	DQA

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
23	166	1.53	71	PCT	21	P3	07C	.88			07C	07C	.600	ZPAHZ	20	C	DQA
71	166	.67	78	PCT	12	P3	08H	.89			08H	08H	.600	ZPAHZ	119	H	
73	166	.67	86	PCT	12	P3	08H	.87			08H	08H	.600	ZPAHZ	119	H	
93	166	1.01	82	PCT	18	P3	BW1	-2.07			BW1	VS3	.580	ZPUFZ	187	H	
76	167	2.01	93	PCT	35	P2	VS3	1.13			TEH	TEC	.610	RBARD	99	C	
76	167	2.61	69	PCT	33	P3	VS3	.92			VS3	VS3	.580	ZPUFZ	306	H	
80	167	.84	64	PCT	14	P3	08H	.90			08H	08H	.600	ZPAHZ	119	H	
84	167	.90	78	PCT	15	P3	08H	.97			08H	08H	.600	ZPAHZ	308	H	
88	167	.44	67	PCT	13	P2	BW1	1.75			TEH	TEC	.610	RBARD	99	C	
88	167	1.30	69	PCT	22	P3	BW1	1.87			BW1	VS3	.580	ZPUFZ	187	H	
100	167	.96	60	PCT	16	P3	BW1	1.84			07H	VS3	.580	ZPUMZ	204	H	X60
102	167	.79	58	PCT	14	P3	BW1	1.87			07H	VS3	.580	ZPUMZ	204	H	X60
1	168	.68	73	PCT	13	P3	04H	-1.00			04H	04H	.600	ZPAHZ	120	H	
77	168	.82	136	PCT	18	P2	VS3	-.89			TEH	TEC	.610	RBARD	98	C	
77	168	1.07	82	PCT	19	P3	VS3	-.90			VS3	VS3	.580	ZPUFZ	186	H	
83	168	.53	101	SAI		P2	02H	.25		.30	02H	02H	.600	ZPAHZ	308	H	
83	168	1.17	69	SAI		P3	02H	.25		.20	02H	02H	.600	ZPAHZ	308	H	
87	168	1.33	59	PCT	21	P3	BW1	1.93			BW1	VS3	.580	ZPUFZ	306	H	
87	168	.83	85	PCT	14	P3	VS2	-.73			BW1	VS3	.580	ZPUFZ	306	H	
89	168	1.02	90	PCT	18	P3	BW1	1.86			BW1	VS3	.580	ZPUFZ	187	H	
97	168	.95	45	PCT	15	P3	BW1	1.56			BW1	VS3	.580	ZPUFZ	187	H	
99	168	.74	88	PCT	13	P3	BW1	2.11			BW1	VS3	.580	ZPUFZ	306	H	
8	169	1.22	68	PCT	20	P3	BW1	-1.08			07C	07H	.580	ZPUFZ	27	C	
8	169	.88	100	PCT	19	P2	BW1	-1.30			TEH	TEC	.610	RBARD	32	C	
10	169	.97	73	PCT	17	P3	BW2	.94			07C	07H	.580	ZPUFZ	27	C	
16	169	.91	56	PCT	16	P3	07H	.89			07C	07H	.580	ZPUFZ	27	C	
20	169	.84	89	PCT	14	P3	07H	.94			07H	07H	.600	ZPAHZ	119	H	
48	169	3.10	4	BID		P1	07H	15.96			TEH	TEC	.610	RBARD	62	C	
48	169	2.86	11	SVI		P3	07H	15.22		.30	07H	BW1	.580	ZPUFZ	182	H	NC
48	169																VID
66	169	1.80	100	PCT	31	P2	08H	.93			TEH	TEC	.610	RBARD	62	C	
66	169	1.75	78	PCT	27	P3	08H	.81			08H	VS3	.580	ZPUFZ	186	H	
66	169	.62	79	PCT	12	P3	BW1	-1.95			08H	VS3	.580	ZPUFZ	186	H	
78	169	.83	57	PCT	14	P3	08H	.86			08H	08H	.600	ZPAHZ	119	H	
82	169	.51	57	PCT	15	P2	08H	.96			TEH	TEC	.610	RBARD	99	C	
82	169	1.01	40	PCT	17	P3	08H	.86			08H	08H	.600	ZPAHZ	119	H	
84	169	.48	76	PCT	14	P2	VS3	-.77			TEH	TEC	.610	RBARD	99	C	
84	169	.44	101	PCT	13	P2	VS3	.99			TEH	TEC	.610	RBARD	99	C	
84	169	.72	95	PCT	13	P3	VS3	-.85			VS3	VS3	.580	ZPUFZ	189	H	
84	169	.82	77	PCT	14	P3	VS3	.83			VS3	VS3	.580	ZPUFZ	189	H	
88	169	.69	155	PCT	16	P2	BW1	1.81			TEH	TEC	.610	RBARD	109	C	
88	169	1.77	96	PCT	26	P3	BW1	1.56			BW1	VS3	.580	ZPUFZ	189	H	
17	170	.50	89	PCT	9	P3	VS4	.89			VS4	VS4	.580	ZPUFZ	179	H	
21	170	.75	49	PCT	12	P3	07C	.80			07C	07C	.600	ZPAHZ	137	C	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
65	170	.27	133	PCT	9	P2	08H	.84			TEH	TEC	.610	RBARD	63	C	
65	170	.84	78	PCT	15	P3	08H	.44			08H	VS3	.580	ZPUFZ	182	H	
69	170	.77	74	PCT	13	P3	08H	-.15			08H	08H	.600	ZPAHZ	308	H	
81	170	1.08	77	PCT	19	P3	BW1	1.75			BW1	VS3	.580	ZPUFZ	187	H	
58	171	.86	75	SAI		P3	06H	.69		.20	06H	06H	.600	ZPAHZ	308	H	
58	171	.60	42	SAI		P2	06H	.69		.30	06H	06H	.600	ZPAHZ	308	H	
62	171	.46	136	PCT	11	P2	VS3	-.82			TEH	TEC	.610	RBARD	60	C	
66	171	1.16	68	PCT	23	P2	08H	-1.24			TEH	TEC	.610	RBARD	60	C	
66	171	.64	46	PCT	12	P3	08H	-1.12			08H	VS3	.580	ZPUFZ	186	H	
66	171	.80	69	PCT	15	P3	BW1	-1.66			08H	VS3	.580	ZPUFZ	186	H	
86	171	1.83	94	PCT	34	P2	VS5	-.73			TEH	TEC	.610	RBARD	99	C	
86	171	2.55	65	PCT	32	P3	VS5	-.92			VS5	VS5	.580	ZPUFZ	136	C	DQA
11	172	.68	73	PCT	11	P3	06C	1.07			06C	06C	.600	ZPAHZ	20	C	DQA
11	172	1.15	90	PCT	26	P2	06H	.95			TEH	TEC	.610	RBARD	33	C	
11	172	.44	133	PCT	13	P2	06C	.94			TEH	TEC	.610	RBARD	33	C	
11	172	.94	84	PCT	16	P3	06H	.05			06H	06H	.600	ZPAHZ	119	H	
11	172	1.94	76	PCT	27	P3	06H	.95			06H	06H	.600	ZPAHZ	119	H	
17	172	.82	62	PCT	12	P3	07C	.91			07C	07C	.600	ZPAHZ	20	C	DQA
19	172	.94	82	PCT	14	P3	07C	.89			07C	07C	.600	ZPAHZ	137	C	
21	172	.88	83	PCT	13	P3	07C	-.05			07C	07C	.600	ZPAHZ	20	C	DQA
21	172	.70	94	PCT	11	P3	07C	.78			07C	07C	.600	ZPAHZ	20	C	DQA
21	172	1.13	79	PCT	18	P3	07H	.86			07H	07H	.600	ZPAHZ	119	H	
61	172	.20	78	SCI		P4	TSH	-.15		.20	TSH	TSH	.600	ZPAHZ	60	H	
61	172	.26	33	SCI		P2	TSH	-.15		.25	TSH	TSH	.600	ZPAHZ	60	H	
63	172	1.14	113	PCT	26	P2	VS5	.35			TEH	TEC	.610	RBARD	61	C	
63	172	.67	119	PCT	11	P3	VS5	-.84			VS5	VS5	.580	ZPUFZ	129	C	
63	172	2.45	67	PCT	31	P3	VS5	.38			VS5	VS5	.580	ZPUFZ	129	C	DQA
65	172	.56	90	PCT	16	P2	08H	-.32			TEH	TEC	.610	RBARD	61	C	
65	172	1.15	65	PCT	20	P3	08H	-.35			08H	VS3	.580	ZPUFZ	186	H	
69	172	.68	98	PCT	18	P2	BW1	1.93			TEH	TEC	.610	RBARD	61	C	
69	172	1.39	82	PCT	23	P3	BW1	1.76			BW1	VS3	.580	ZPUFZ	186	H	
73	172	.73	96	PCT	13	P3	08H	-1.01			08H	08H	.600	ZPAHZ	308	H	
75	172	.89	78	PCT	15	P3	08H	.89			08H	08H	.600	ZPAHZ	119	H	
81	172	.64	141	PCT	15	P2	VS3	-.78			TEH	TEC	.610	RBARD	98	C	
81	172	.80	104	PCT	15	P3	VS3	-.83			VS3	VS3	.580	ZPUFZ	187	H	
81	172	1.10	84	PCT	19	P3	VS3	.34			VS3	VS3	.580	ZPUFZ	187	H	
89	172	.65	65	PCT	11	P3	VS3	1.16			VS3	VS3	.580	ZPUFZ	187	H	
2	173	.47	77	PCT	8	P3	04H	-.12			04H	04H	.580	ZPUFZ	312	H	
14	173	.70	77	PCT	12	P3	07H	.88			07H	07H	.600	ZPAHZ	119	H	
28	173	.52	114	PCT	10	P3	VS4	-.88			VS4	VS4	.580	ZPUFZ	182	H	
52	173	.77	65	PCT	13	P3	VS5	-1.00			VS5	VS5	.580	ZPUFZ	129	C	DQA
68	173	.71	59	PCT	11	P3	08H	-1.08			08H	VS3	.580	ZPUFZ	186	H	
68	173	.75	53	PCT	12	P3	08H	1.00			08H	VS3	.580	ZPUFZ	186	H	
70	173	.73	96	PCT	14	P3	BW1	-1.73			BW1	VS3	.580	ZPUFZ	186	H	
70	173	1.18	83	PCT	20	P3	BW1	1.73			BW1	VS3	.580	ZPUFZ	186	H	
78	173	.93	59	PCT	16	P3	BW1	-1.91			BW1	VS3	.580	ZPUFZ	306	H	
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
88	173	.97	70	PCT	16	P3	BW1	1.98			BW1	VS3	.580	ZPUFZ	306	H	
88	173	.60	66	PCT	11	P3	VS2	-.69			BW1	VS3	.580	ZPUFZ	306	H	
9	174	.67	83	PCT	11	P3	BW1	-.84			07H	BW1	.580	ZPUFZ	182	H	
61	174	.62	57	SAI		P3	VS3	.59		.60	VS3	VS3	.580	ZPUFZ	182	H	
61	174	.80	21	SAI		P2	VS3	.59		.40	VS3	VS3	.580	ZPUFZ	182	H	
67	174	.88	94	PCT	14	P3	07H	.95			07H	08H	.600	ZPAHZ	334	H	
83	174	1.28	62	PCT	19	P3	BW2	1.74			BW2	VS3	.580	ZPUFZ	136	C	
22	175	.66	102	PCT	11	P3	07H	.93			07H	07H	.600	ZPAHZ	119	H	
58	175	.77	89	SAI		P3	VS5	-1.00		.60	VS5	VS5	.580	ZPUFZ	129	C	
58	175	.00	0	SAI		P2	VS5	-1.00		.00	VS5	VS5	.580	ZPUFZ	129	C	DQA
58	175	.62	55	PCT	10	P3	BW1	1.84			BW1	VS3	.580	ZPUFZ	182	H	
66	175	.53	41	PCT	10	P3	BW1	-1.59			BW1	VS3	.580	ZPUFZ	186	H	
66	175	.87	59	PCT	15	P3	08H	1.03			08H	VS3	.580	ZPUFZ	306	H	
68	175	.86	76	PCT	14	P3	VS5	.75			VS5	VS5	.580	ZPUFZ	129	C	DQA
68	175	1.25	69	PCT	21	P3	VS3	.94			VS3	VS3	.580	ZPUFZ	186	H	
82	175	.69	72	PCT	13	P3	08H	-.13			08H	08H	.600	ZPAHZ	120	H	
5	176	.72	73	PCT	12	P3	05C	-1.02			05C	05C	.600	ZPAHZ	139	C	
13	176	.67	54	PCT	11	P3	BW1	-2.00			07H	BW1	.580	ZPUFZ	182	H	
17	176	.55	33	PCT	9	P3	VS4	-.92			VS4	VS4	.580	ZPUFZ	182	H	
17	176	.60	29	PCT	10	P3	VS4	1.03			VS4	VS4	.580	ZPUFZ	182	H	
57	176	.83	77	PCT	13	P3	BW1	1.95			BW1	VS3	.580	ZPUFZ	182	H	
77	176	.48	11	MVI		P3	02C	10.96		.60	01C	03C	.600	ZPAHZ	20	C	DQA
77	176																NC
77	176																VID
77	176	1.01	21	MVI		P3	01C	23.99		.20	01C	03C	.600	ZPAHZ	20	C	DQA
77	176																NC
77	176																VID
77	176	.29	24	MVI		P3	01C	24.93		.20	01C	03C	.600	ZPAHZ	20	C	DQA
77	176																NC
77	176																VID
77	176	.72	18	BID		P1	02C	11.56			TEH	TEC	.610	RBARD	98	C	
77	176	2.48	8	BID		P1	01C	24.64			TEH	TEC	.610	RBARD	98	C	
79	176	1.10	85	PCT	18	P3	BW1	1.99			BW1	VS3	.580	ZPUFZ	306	H	
8	177	.52	81	SAI		P2	01H	.35		.20	01H	01H	.580	ZPUFZ	312	H	
8	177	1.11	73	SAI		P3	01H	.35		.30	01H	01H	.580	ZPUFZ	312	H	
10	177	.63	76	PCT	12	P3	BW2	.67			07C	07H	.580	ZPUFZ	25	C	
76	177	1.98	64	PCT	26	P3	05C	.16			05C	05C	.600	ZPAHZ	20	C	DQA
76	177	.90	47	PCT	14	P3	03C	-.80			03C	03C	.600	ZPAHZ	20	C	DQA
76	177	.90	59	PCT	14	P3	03C	-.79			03C	03C	.600	ZPAHZ	20	C	DQA
76	177	1.04	106	PCT	21	P2	05C	.00			TEH	TEC	.610	RBARD	98	C	
76	177	.73	137	PCT	16	P2	03C	-.93			TEH	TEC	.610	RBARD	98	C	
76	177	.85	33	PCT	15	P3	08H	.84			08H	08H	.600	ZPAHZ	120	H	
76	177	1.02	64	PCT	17	P3	BW1	2.03			08H	VS3	.580	ZPUFZ	306	H	
57	178	.65	87	PCT	11	P3	BW1	1.89			BW1	VS3	.580	ZPUFZ	182	H	
18	179	.67	82	PCT	12	P3	BW1	1.67			06H	BW1	.580	ZPUFZ	306	H	
56	179	.64	111	PCT	10	P3	BW1	1.83			BW1	VS3	.580	ZPUFZ	182	H	
62	179	.69	60	PCT	12	P3	BW1	1.71			BW1	VS3	.580	ZPUFZ	306	H	
3	180	.50	85	PCT	10	P3	04H	.87			04H	04H	.600	ZPAHZ	120	H	

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
45	180	.64	89	PCT	10	P3	05C	1.01			05C	05C	.600	ZPAHZ	20	C	DQA
53	180	.64	105	PCT	12	P3	VS3	.87			VS3	VS3	.580	ZPUFZ	182	H	
67	180	1.44	83	PCT	23	P3	BW1	1.86			BW1	VS3	.580	ZPUFZ	182	H	
20	181	.91	47	PCT	14	P3	BW2	1.76			BW2	BW2	.580	ZPUFZ	150	C	DQA
58	181	.72	74	PCT	12	P3	07H	.84			07H	07H	.580	ZPUFZ	312	H	
60	181	.51	103	PCT	8	P3	BW1	1.88			BW1	VS3	.580	ZPUFZ	182	H	
62	181	.85	26	PCT	13	P3	BW1	2.06			BW1	VS3	.580	ZPUFZ	182	H	
3	182	.64	78	PCT	10	P3	03C	1.04			03C	03C	.600	ZPAHZ	20	C	DQA
3	182	.35	91	PCT	11	P2	03C	.81			07C	TEC	.610	RBARD	31	C	
3	182	.54	99	PCT	11	P3	04H	-.11			04H	04H	.600	ZPAHZ	120	H	
3	182	.49	75	PCT	14	P2	04H	-.11			07H	TEH	.610	RBARD	135	H	
5	182	.69	65	PCT	11	P3	04C	.89			04C	04C	.600	ZPAHZ	139	C	
51	182	1.18	77	SVI	22	P3	TSC	.16		.20	TSC	TSC	.600	ZPAHZ	18	C	NLP
53	182	.37	23	SCI		P2	TSH	-.02		.20	TSH	TSH	.600	ZPAHZ	61	H	
53	182	.23	26	SCI		P4	TSH	-.02		.30	TSH	TSH	.600	ZPAHZ	61	H	
57	182	.51	76	PCT	8	P3	BW1	1.94			BW1	VS3	.580	ZPUFZ	182	H	
8	183	.74	82	PCT	11	P3	03C	.89			03C	03C	.600	ZPAHZ	20	C	DQA
8	183	.54	73	PCT	13	P2	03C	.96			TEH	TEC	.610	RBARD	32	C	
10	183	.61	76	PCT	10	P3	05C	-.84			05C	05C	.600	ZPAHZ	139	C	
52	183	1.14	108	SVI	20	P3	TSC	.61		.50	TSC	TSC	.600	ZPAHZ	18	C	NLP
47	184	.92	76	PCT	14	P3	04C	-.89			04C	04C	.600	ZPAHZ	20	C	DQA
5	186	.60	57	PCT	10	P3	04H	1.01			04H	04H	.580	ZPUFZ	312	H	
25	186	.70	68	SVI	10	P3	TSC	.02		.30	TSC	TSC	.600	ZPAHZ	16	C	NLP
35	186	.23	31	SCI		P4	TSH	.01		.10	TSH	TSH	.600	ZPAHZ	61	H	
35	186	.00	0	SCI		P2	TSH	.01		.00	TSH	TSH	.600	ZPAHZ	61	H	
8	187	1.02	73	PCT	15	P3	04C	.10			04C	04C	.600	ZPAHZ	20	C	DQA
8	187	2.40	79	PCT	30	P3	03C	-.83			03C	03C	.600	ZPAHZ	20	C	DQA
8	187	1.80	86	PCT	24	P3	02C	-.84			02C	02C	.600	ZPAHZ	20	C	DQA
8	187	.45	83	PCT	11	P2	04C	.05			TEH	TEC	.610	RBARD	32	C	
8	187	1.69	100	PCT	29	P2	03C	-.94			TEH	TEC	.610	RBARD	32	C	
10	187	2.04	86	PCT	27	P3	02C	-.89			02C	02C	.600	ZPAHZ	20	C	DQA
10	187	1.44	110	PCT	27	P2	02C	-.95			TEH	TEC	.610	RBARD	32	C	
14	187	.64	87	PCT	11	P3	06H	.95			06H	06H	.600	ZPAHZ	119	H	
18	187	.72	47	PCT	12	P3	06H	.98			06H	06H	.600	ZPAHZ	119	H	
24	187	.76	30	PCT	13	P3	06H	.82			06H	06H	.600	ZPAHZ	119	H	
5	188	1.28	84	PCT	19	P3	04C	.86			04C	04C	.600	ZPAHZ	139	C	
5	188	.89	62	PCT	14	P3	02C	.81			02C	02C	.600	ZPAHZ	139	C	
9	188	.85	87	PCT	13	P3	03C	-.90			03C	03C	.600	ZPAHZ	20	C	DQA
9	188	1.63	81	PCT	22	P3	02C	-.84			02C	02C	.600	ZPAHZ	20	C	DQA
9	188	1.07	89	PCT	16	P3	02C	.98			02C	03C	.600	ZPAHZ	20	C	DQA
21	188	1.21	19	SAI		P2	VS4	.83		.30	VS4	VS4	.580	ZPUFZ	182	H	
21	188	.87	107	SAI		P3	VS4	.83		.30	VS4	VS4	.580	ZPUFZ	182	H	
10	189	.85	82	PCT	13	P3	04C	-.90			04C	04C	.600	ZPAHZ	20	C	DQA
10	189	.71	54	PCT	11	P3	04C	.93			04C	04C	.600	ZPAHZ	20	C	DQA

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

SG - 12 SAI\MAI, SCI\MCI, SVI\MVI, BID, OBS and 1-100%

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
10	189	1.79	80	PCT	24	P3	03C	-.75			03C	03C	.600	ZPAHZ	20	C	DQA
10	189	2.58	85	PCT	31	P3	02C	-.77			02C	02C	.600	ZPAHZ	20	C	DQA
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

Tubes: 2123 Records: 4585

APPENDIX E

PLP & PLI

DATA SHEETS & MAPS

SG - 11 PLP/PLI Indications With Current Cycle

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
107	38			NDD							TSH	TSH	.600	ZPAHZ	63	H	
107	38			NDD							TEH	TEC	.610	RBARD	94	C	
107	38	1.13	81	PLP		7	01C	.95			01C	02C	.600	ZPAHZ	181	C	HR
107	38			NDD							07H	VS3	.580	ZPUMZ	247	H	X60
106	39			NDD							TSH	TSH	.600	ZPAHZ	64	H	
106	39			NDD							TEH	TEC	.610	RBARD	93	C	
106	39	1.51	79	PLP		7	01C	.94			01C	01C	.600	ZPAHZ	179	C	HR
106	39			NDD							07H	VS3	.580	ZPUMZ	249	H	X60
108	39			NDD							TSH	TSH	.600	ZPAHZ	63	H	
108	39	.39	142	DSI	13	P1	VS2	-.92			TEH	TEC	.610	RBARD	94	C	
108	39	.91	71	PLP		7	01C	1.30			01C	02C	.600	ZPAHZ	181	C	HR
108	39			NDF		P5	VS2	-.92			07H	VS3	.580	ZPUMZ	248	H	X60
105	40			NDD							TSH	TSH	.600	ZPAHZ	64	H	
105	40	.43	112	DSH	19	P1	01H	-.07			TEH	TEC	.610	RBARD	95	C	
105	40	.66	64	PLP		8	01C	1.39			TEH	TEC	.610	RBARD	95	C	HR
105	40			NDF		P3	01H	-.16			01H	01H	.600	ZPAHZ	124	H	
105	40			NDF		P3	01H	1.39			01H	01H	.600	ZPAHZ	124	H	
105	40	.80	74	PLP		7	01C	.57			01C	01C	.600	ZPAHZ	171	C	HR
105	40			NDD							07H	VS3	.580	ZPUMZ	246	H	X60
107	40			NDD							TSH	TSH	.600	ZPAHZ	63	H	
107	40			NDD							TEH	TEC	.610	RBARD	94	C	
107	40	.37	129	PLP		6	01C	1.26			01C	01C	.600	ZPAHZ	179	C	HR
107	40			NDD							07H	VS3	.580	ZPUMZ	247	H	X60
104	41			NDD							TSH	TSH	.600	ZPAHZ	64	H	
104	41	.42	150	PCT	12	P2	BW1	1.80			TEH	TEC	.610	RBARD	95	C	
104	41	.69	60	PCT	11	P5	BW2	1.81			07C	VS5	.580	ZPUMZ	133	C	X60
104	41	1.11	82	PLP		7	01C	1.12			01C	01C	.600	ZPAHZ	179	C	HR
104	41	1.15	75	PLP		7	01C	1.83			01C	01C	.600	ZPAHZ	179	C	HR
104	41	1.52	77	PCT	23	P5	BW1	1.85			07H	VS3	.580	ZPUMZ	247	H	X60
106	41			NDD							TSH	TSH	.600	ZPAHZ	63	H	
106	41			NDD							TEH	TEC	.610	RBARD	96	C	
106	41			NDD							07C	VS5	.580	ZPUMZ	134	C	X60
106	41	1.50	76	PLP		7	01C	1.28			01C	01C	.600	ZPAHZ	179	C	HR
106	41	.98	51	PCT	16	P5	BW1	1.77			07H	VS3	.580	ZPUMZ	246	H	X60
105	42			NDD							TSH	TSH	.600	ZPAHZ	64	H	
105	42			NDD							TEH	TEC	.610	RBARD	95	C	
105	42			NDD							07C	VS5	.580	ZPUMZ	134	C	X60
105	42	.98	82	PLP		7	01C	1.84			01C	02C	.600	ZPAHZ	181	C	HR
105	42			NDD							07H	VS3	.580	ZPUMZ	246	H	X60
2	67			NDD							07C	TEC	.610	RBARD	36	C	
2	67			NDD							07H	TEH	.610	RBARD	137	H	
2	67			PIV		7	02C	-1.99			01C	02C	.600	ZPAHZ	157	C	
2	67	1.42	66	PLP		7	02C	-1.99			01C	02C	.600	ZPAHZ	157	C	DQA
2	67																HR
2	67			RBD							07H	07C	.540	ZPUPH	161	C	QDR
2	67			NDD							07H	07C	.540	ZPUPH	168	C	
2	67			NDD							TSH	TSH	.580	ZPUFZ	338	H	
2	67			NDD							TSH	TSH	.580	ZPUFZ	342	H	VCL
2	67			TBP							01C	01C	.610	RBARD	1000	C	L_SK
2	67																PLP
1	68	.51	118	NQI		P1	01C	30.01			07C	TEC	.610	RBARD	36	C	
1	68			NDD							07H	TEH	.610	RBARD	137	H	
1	68	.64	62	PLP		6	02C	-2.60			02C	02C	.600	ZPAHZ	150	C	DBH
1	68																HR
1	68	.94	43	PLI	37	6	02C	-2.37			02C	02C	.600	ZPAHZ	150	C	PLP
1	68	.83	83	PLP		7	02C	-1.55			02C	02C	.600	ZPAHZ	150	C	DBH
1	68																HR
1	68			PID		P3	02C	-2.37			02C	02C	.600	ZPAHZ	156	C	
1	68			NDD							07H	07C	.540	ZPUPH	162	C	
1	68			NDD							TSH	TSH	.580	ZPUFZ	338	H	
1	68			NDD							TSH	TSH	.580	ZPUFZ	342	H	VCL
1	68			TBP							01C	01C	.610	RBARD	1000	C	L_SK
1	68																PLI
3	68			NDD							07C	TEC	.610	RBARD	37	C	
3	68			NDD							TSH	TSH	.600	ZPAHZ	52	H	
3	68			NDD							07H	TEH	.610	RBARD	134	H	
3	68	.48	61	PLP		7	01C	31.12			01C	02C	.600	ZPAHZ	157	C	DQA
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

SG - 11 PLP/PLI Indications With Current Cycle

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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
3	68																HR
3	68			NDD							07H	07C	.540	ZPUPH	161	C	
3	68			PID		7	01C	31.12			01C	02C	.600	ZPAHZ	182	C	
3	68			TBP							01C	01C	.610	RBARD	1000	C	L_SK
3	68																PLP
5	68			NDD							TSC	TSC	.600	ZPAHZ	8	C	
5	68			NDD							07C	TEC	.610	RBARD	37	C	
5	68			NDD							TSH	TSH	.600	ZPAHZ	51	H	
5	68			NDD							07H	TEH	.610	RBARD	133	H	
5	68			NDD							07H	07C	.540	ZPUPH	161	C	
5	68	.60	75	PLP		7	02C	-1.46			01C	02C	.600	ZPAHZ	171	C	DBH
5	68																HR
5	68			PID		7	02C	-1.46			01C	02C	.600	ZPAHZ	182	C	
5	68			TBP							01C	01C	.610	RBARD	1000	C	L_SK
5	68																PLP
1	70			NDD							07C	TEC	.610	RBARD	36	C	
1	70			NDD							07H	TEH	.610	RBARD	137	H	
1	70			PIV		7	02C	-2.62			01C	02C	.600	ZPAHZ	157	C	
1	70	1.06	67	PLP		7	02C	-2.62			01C	02C	.600	ZPAHZ	157	C	DQA
1	70																HR
1	70			NDD							07H	07C	.540	ZPUPH	162	C	
1	70	.87	46	SVI	11	P3	TSH	.19		.30	TSH	TSH	.580	ZPUFZ	338	H	NLP
1	70			PRC							TSH	TSH	.580	ZPUFZ	342	H	
1	70			TBP							01C	01C	.610	RBARD	1000	C	L_SK
1	70																PLP
153	114			NDD							TSC	TSC	.600	ZPAHZ	21	C	
153	114			NDD							TSH	TSH	.600	ZPAHZ	119	H	
153	114			PIV		8	01H	1.03			TEC	TEH	.610	RBARD	187	H	
153	114	.71	117	PLP		8	01H	1.03			TEC	TEH	.610	RBARD	187	H	HR
153	114	.55	67	PCT	11	P3	BW1	1.79			07H	VS3	.580	ZPUMZ	328	H	X75
153	114	1.63	30	PVN		2	BW1	11.54			07H	VS3	.580	ZPUMZ	328	H	X75
153	114	.94	29	PVN		2	BW1	12.05			07H	VS3	.580	ZPUMZ	328	H	X75
153	114	2.00	88	PLP		7	01H	.64			01H	01H	.600	ZPAHZ	358	H	HR
153	114			TBP							01C	01C	.610	RBARD	1000	C	L_SK
153	114																PLP
152	115			NDD							TSH	TSH	.600	ZPAHZ	118	H	
152	115			NDD							TEC	TEH	.610	RBARD	188	H	
152	115	.64	57	PCT	13	P5	BW1	1.79			07H	VS3	.580	ZPUMZ	326	H	X75
152	115			PIV		7	01H	.75			01H	01H	.600	ZPAHZ	380	H	
152	115	.33	81	PLP		7	01H	.75			01H	01H	.600	ZPAHZ	380	H	HR
152	115			TBP							01C	01C	.610	RBARD	1000	C	L_SK
152	115																PLP
154	115	.51	303	PLP		8	01H	1.04			TEH	TEC	.610	RBARD	119	C	HR
154	115	.42	150	NQI		P1	01H	1.13			TEH	TEC	.610	RBARD	119	C	
154	115			PIV		P1	01H	1.14			TEH	TEC	.610	RBARD	119	C	
154	115	.24	35	DSI	11	P1	BW2	-1.87			TEH	TEC	.610	RBARD	119	C	
154	115			NDD							TSH	TSH	.600	ZPAHZ	120	H	
154	115	.89	90	PCT	15	P3	BW2	-1.84			BW2	VS5	.580	ZPUFZ	144	C	
154	115	.60	51	PCT	11	P5	VS1	-.75			07H	VS3	.580	ZPUMZ	328	H	X75
154	115	1.40	93	PLP		7	01H	.81			01H	01H	.600	ZPAHZ	358	H	HR
154	115	.52	70	PLI	10	P3	01H	1.08			01H	01H	.600	ZPAHZ	358	H	PLP
154	115			TBP							01C	01C	.610	RBARD	1000	C	L_SK
154	115																PLI
148	123			NDD							TSH	TSH	.600	ZPAHZ	118	H	
148	123	.43	257	PLP		8	01H	3.79			TEC	TEH	.610	RBARD	183	H	HR
148	123																SR
148	123			NDD							07H	VS3	.580	ZPUMZ	316	H	X75
148	123			NDF		8	01H	3.79			01H	02H	.600	ZPAHZ	358	H	
142	133			NDD							TSH	TSH	.600	ZPAHZ	104	H	
142	133	.96	27	PLP		8	06C	20.80			TEC	TEH	.610	RBARD	171	H	HR
142	133			NDF		P3	06C	20.80			06C	07C	.600	ZPAHZ	171	C	
142	133			NDD							07H	VS3	.580	ZPUMZ	309	H	X75
137	138			NDD							TSC	TSC	.600	ZPAHZ	16	C	
137	138			NDD							TSH	TSH	.600	ZPAHZ	107	H	
137	138	1.42	34	PLP		8	06C	20.83			TEC	TEH	.610	RBARD	171	H	HR
137	138			NDF		P3	06C	20.83			06C	07C	.600	ZPAHZ	171	C	
137	138			NDD							TEC	TEH	.610	RBARD	173	H	
137	138			NDD							07H	VS3	.580	ZPUMZ	303	H	X75

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

SG - 11 PLP/PLI Indications With Current Cycle

Palo Verde 1 U1R11 PVNGS1 20040401 05/26/2004 09:41:53

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
121	154			NDD				.			TSH	TSH	.600	ZPAHZ	116	H	
121	154	1.17	81	PLP		8	01C	-1.31			TEC	TEH	.610	RBARD	171	H	HR
121	154			NDF		P3	01C	-1.31			01C	01C	.600	ZPAHZ	171	C	
121	154			NDD							TEC	TEH	.610	RBARD	172	H	
121	154	.59	61	PCT	13	P5	BW1	-2.16			07H	VS3	.580	ZPUMZ	277	H	X60
49	180			NDD							TEH	TEC	.610	RBARD	72	C	
49	180			NDD							TSH	TSH	.600	ZPAHZ	76	H	
49	180	1.44	104	PLP		4	TSC	.30			TSC	TSC	.600	ZPAHZ	171	C	HR
46	181			INF		8	TSC	.10			TSC	TSC	.600	ZPAHZ	30	C	HR
46	181	.33	84	PLP		7	TSC	.75			TSC	TSC	.600	ZPAHZ	30	C	HR
46	181			NDD							TEH	TEC	.610	RBARD	72	C	
46	181			NDD							TSH	TSH	.600	ZPAHZ	74	H	
48	181			INF		8	TSC	.12			TSC	TSC	.600	ZPAHZ	13	C	HR
48	181	.37	61	PLP		8	TSC	.86			TSC	TSC	.600	ZPAHZ	13	C	HR
48	181			NDD							TEH	TEC	.610	RBARD	71	C	
48	181			NDD							TSH	TSH	.600	ZPAHZ	73	H	
50	181	.40	27	PLP		8	TSC	.18			TSC	TSC	.600	ZPAHZ	13	C	HR
50	181	.43	80	PLP		8	TSC	.91			TSC	TSC	.600	ZPAHZ	13	C	HR
50	181	.27	84	DEP		8	TSC	.75			TEH	TEC	.610	RBARD	72	C	
50	181			NDD							TSH	TSH	.600	ZPAHZ	74	H	
50	181	.64	90	PCT	13	P3	BW1	1.98			BW1	VS4	.580	ZPUFZ	225	H	
52	181	.47	72	PLP		8	TSC	.21			TSC	TSC	.600	ZPAHZ	13	C	HR
52	181	.51	69	PLP		8	TSC	.92			TSC	TSC	.600	ZPAHZ	13	C	HR
52	181			NDD							TEH	TEC	.610	RBARD	71	C	
52	181			NDD							TSH	TSH	.600	ZPAHZ	73	H	
54	181	.39	53	PLP		8	TSC	.27			TSC	TSC	.600	ZPAHZ	13	C	HR
54	181	.72	58	PLP		8	TSC	1.03			TSC	TSC	.600	ZPAHZ	13	C	HR
54	181	.39	88	DEP		8	TSC	.76			TEH	TEC	.610	RBARD	72	C	
54	181			NDD							TSH	TSH	.600	ZPAHZ	74	H	
11	188	2.73	293	PLP		4	TSC	.25			TSC	TSC	.600	ZPAHZ	13	C	HR
11	188																PID
11	188	4.00	172	APA		P1	BW1	9.63			TEH	TEC	.610	RBARD	40	C	SR
11	188			NDD							TSH	TSH	.600	ZPAHZ	54	H	
11	188			NDF		P3	BW1	9.63			07C	07H	.580	ZPUFZ	147	C	
11	188			PID		7	TSC	.25			TSC	TSC	.600	ZPAHZ	172	C	
11	188			TBP							TEC	TEC	.610	RBARD	1000	C	L_SK
11	188																PLP

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

Tubes: 27 Records: 155

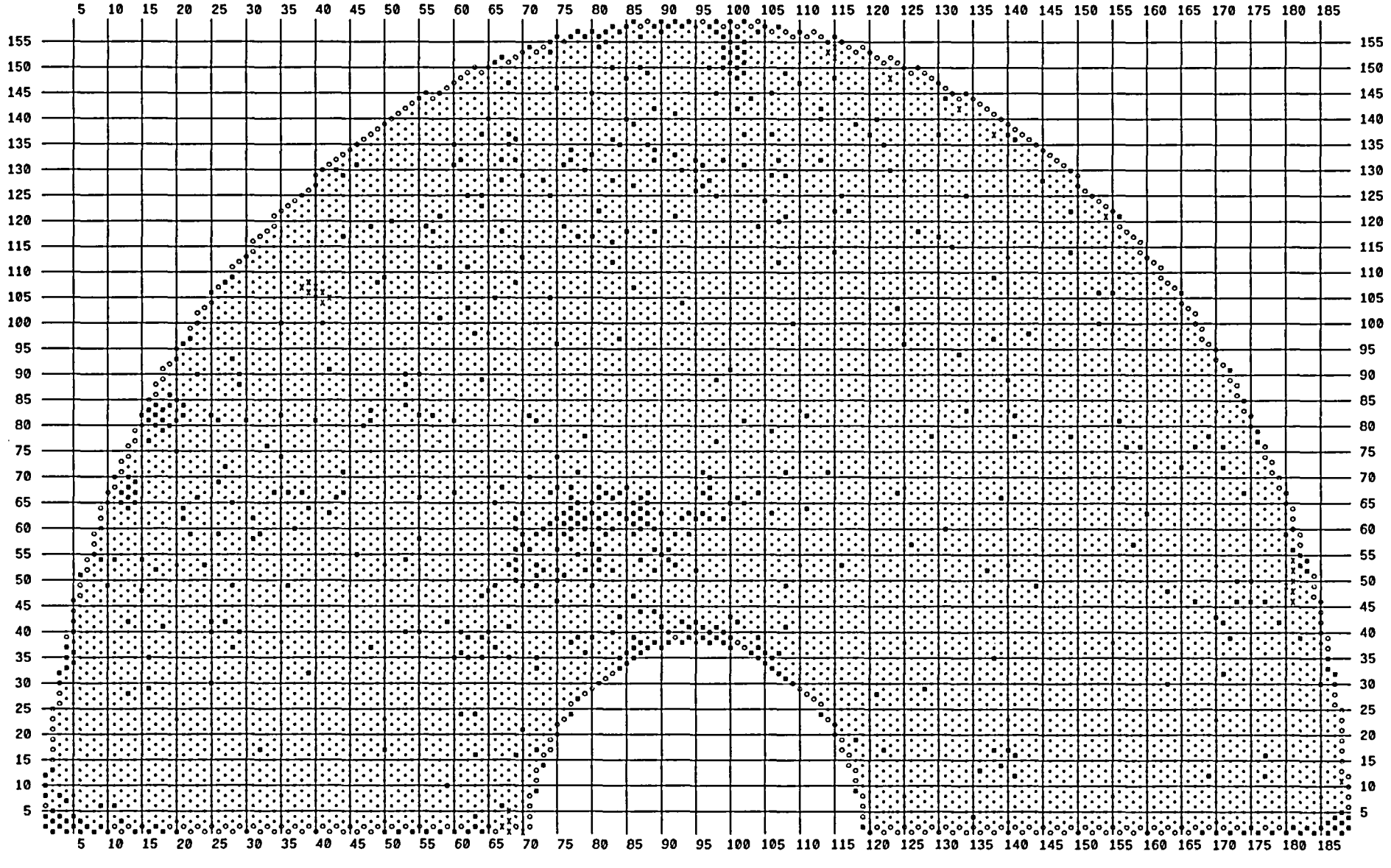
SG - 11

Palo Verde U1R11 PVNGS1 80

X 27 PLI and PLP Locations

* 53 Stay Rod

▫ 652 Plugged Tube



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ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
46	5	1.91	78	PLI	27	P3	TSC	.11			TSC	TSC	.600	ZPAHZ	1	C	PID
46	5																PLP
46	5			NDD							TSH	TSH	.600	ZPAHZ	2	H	
46	5			PID		P3	TSC	.11			TSC	01C	.600	ZPAHZ	10	C	
46	5	.98	85	PCT	16	P3	04C	-1.00			04C	04C	.600	ZPAHZ	23	C	
46	5	.52	120	PCT	9	P3	04C	.05			04C	04C	.600	ZPAHZ	23	C	
46	5	1.34	75	PCT	20	P3	04C	.83			04C	04C	.600	ZPAHZ	23	C	
46	5	1.14	55	PCT	18	P3	03C	-.18			03C	03C	.600	ZPAHZ	23	C	
46	5	.71	59	PCT	12	P3	03C	.05			03C	03C	.600	ZPAHZ	23	C	
46	5	.64	133	DSH	19	P1	04C	.81			TEH	TEC	.610	RBARD	80	C	
46	5	.21	60	DSH	9	P1	03C	.00			TEH	TEC	.610	RBARD	80	C	
46	5			TBP							TEC	TEC	.610	RBARD	1000	C	L_SK
46	5																PLI
47	6	.34	81	PLP		6	TSC	.36			TSC	TSC	.600	ZPAHZ	1	C	HR
47	6																DBH
47	6																PID
47	6			NDD							TSH	TSH	.600	ZPAHZ	2	H	
47	6	.80	138	PCT	17	P2	VS4	-.73			TEH	TEC	.610	RBARD	80	C	
47	6			PID		6	TSC	.36			TSC	TSC	.600	ZPAHZ	175	C	
47	6	1.20	72	PCT	19	P3	VS4	-.83			VS4	VS4	.580	ZPUFZ	191	H	
47	6			TBP							TEC	TEC	.610	RBARD	1000	C	L_SK
47	6																PLP
49	6			NDD							TSH	TSH	.600	ZPAHZ	2	H	
49	6	1.27	96	PLP		4	TSC	.33			TSC	TSC	.600	ZPAHZ	2	C	HR
49	6																DBH
49	6																PID
49	6	.22	80	DSI	11	P1	07C	.73			TEH	TEC	.610	RBARD	81	C	
49	6			NDF		P3	07C	.73			07C	07C	.600	ZPAHZ	138	C	
49	6			PID		6	TSC	.33			TSC	TSC	.600	ZPAHZ	175	C	
49	6			TBP							TEC	TEC	.610	RBARD	1000	C	L_SK
49	6																PLP
156	75			NDD							TSH	TSH	.600	ZPAHZ	98	H	
156	75	.35	54	PLP		8	02H	1.37			TEH	TEC	.610	RBARD	106	C	HR
156	75	.90	103	DSH	29	P1	BW2	1.81			TEH	TEC	.610	RBARD	106	C	
156	75	.98	52	PCT	16	P3	BW2	1.88			BW2	VS5	.580	ZPUFZ	133	C	DQA
156	75			NDD							TSC	TSC	.600	ZPAHZ	143	C	
156	75			NDD							07H	VS3	.580	ZPUMZ	297	H	X75
156	75	2.97	92	PLP		7	02H	1.77			02H	02H	.600	ZPAHZ	327	H	HR
142	95			NDD							TSH	TSH	.600	ZPAHZ	91	H	
142	95	1.49	80	PLP		8	TSC	3.44			TEC	TEH	.610	RBARD	168	H	HR
142	95																SR
142	95			NDF		8	TSC	3.44			TSC	01C	.600	ZPAHZ	174	C	
142	95			NDD							07H	VS3	.580	ZPUMZ	275	H	X75
143	96			NDD							TSH	TSH	.600	ZPAHZ	93	H	
143	96	1.33	76	PLP		8	01C	3.95			TEC	TEH	.610	RBARD	169	H	HR
143	96																SR
143	96	1.32	71	PLP		8	TSC	1.62			TEC	TEH	.610	RBARD	169	H	HR
143	96																SR
143	96			NDF		8	01C	3.95			01C	02C	.600	ZPAHZ	174	C	
143	96			NDF		8	TSC	1.62			TSC	TSC	.600	ZPAHZ	174	C	
143	96			NDD							07H	VS3	.580	ZPUMZ	273	H	X75
157	96			NDD							TSH	TSH	.600	ZPAHZ	93	H	
157	96	.24	134	DSH	11	P1	VS1	.88			TEH	TEC	.610	RBARD	106	C	
157	96	.68	73	PLP		8	TSC	.88			TEH	TEC	.610	RBARD	106	C	HR
157	96	1.86	90	PLP		7	TSC	.88			TSC	TSC	.600	ZPAHZ	168	C	HR
157	96	.61	91	PCT	11	P3	BW1	1.80			07H	VS3	.580	ZPUMZ	297	H	X75
157	96	.99	78	PCT	17	P5	VS1	.87			07H	VS3	.580	ZPUMZ	297	H	X75
155	106			NDD							TSH	TSH	.600	ZPAHZ	98	H	
155	106	.23	137	DSH	11	P1	VS1	-.88			TEH	TEC	.610	RBARD	106	C	
155	106	1.70	292	PLP		4	TSC	.21			TSC	TSC	.600	ZPAHZ	167	C	DBH
155	106																HR
155	106	.75	85	PCT	13	P3	BW1	-1.89			07H	VS3	.580	ZPUMZ	301	H	X75
155	106			NDF		P5	VS1	-1.12			07H	VS3	.580	ZPUMZ	301	H	X75
155	106			NDF		P5	VS1	-.88			07H	VS3	.580	ZPUMZ	301	H	X75
156	107			NDD							TSH	TSH	.600	ZPAHZ	98	H	
156	107	.69	141	PCT	17	P2	VS5	.93			TEH	TEC	.610	RBARD	107	C	
156	107	1.09	66	PCT	17	P3	VS5	.90			VS5	VS5	.580	ZPUFZ	135	C	
156	107	4.19	285	PLP		4	TSC	.11			TSC	TSC	.600	ZPAHZ	145	C	HR
156	107	.76	94	PCT	13	P3	BW1	-1.86			07H	VS3	.580	ZPUMZ	301	H	X75

| ROW | COL | VOLTS | DEG | IND | PER | CHN | LOCN | INCH1 | INCH2 | CRLEN | BEGT | ENDT | PDIA | PTYPE | CAL | L | COM |

ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM
156	107	1.14	63	PCT	18	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	301	H	X75
55	128			NDD							TSC	TSC	.600	ZPAHZ	14	C	
55	128	.72	98	PLP		8	TSH	.23			TSH	TSH	.600	ZPAHZ	22	H	HR
55	128			NDD							TEH	TEC	.610	RBARD	68	C	
107	160			NDD							TSH	TSH	.600	ZPAHZ	86	H	
107	160	.44	60	PCT	14	P2	BW1	-1.80			TEH	TEC	.610	RBARD	101	C	
107	160	.73	124	PLP		8	01C	1.01			TEH	TEC	.610	RBARD	101	C	HR
107	160			RBD							01C	02C	.600	ZPAHZ	149	C	QPN
107	160			NDF		8	01C	1.01			01C	02C	.600	ZPAHZ	168	C	
107	160	1.25	94	PCT	20	P3	BW1	-2.00			07H	VS3	.580	ZPUMZ	208	H	X60
107	160	.56	75	PCT	10	P5	VS2	.90			07H	VS3	.580	ZPUMZ	208	H	X60
101	164			NDD							TSC	TSC	.600	ZPAHZ	13	C	
101	164			NDD							TSH	TSH	.600	ZPAHZ	87	H	
101	164	1.38	152	PLP		8	01C	.80			TEH	TEC	.610	RBARD	98	C	HR
101	164			NDF		8	01C	.80			01C	01C	.600	ZPAHZ	174	C	
101	164	.75	87	PCT	13	P3	BW1	1.78			07H	VS3	.580	ZPUMZ	204	H	X60
ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	CRLEN	BEGT	ENDT	PDIA	PTYPE	CAL	L	COM

Tubes: 12 Records: 73

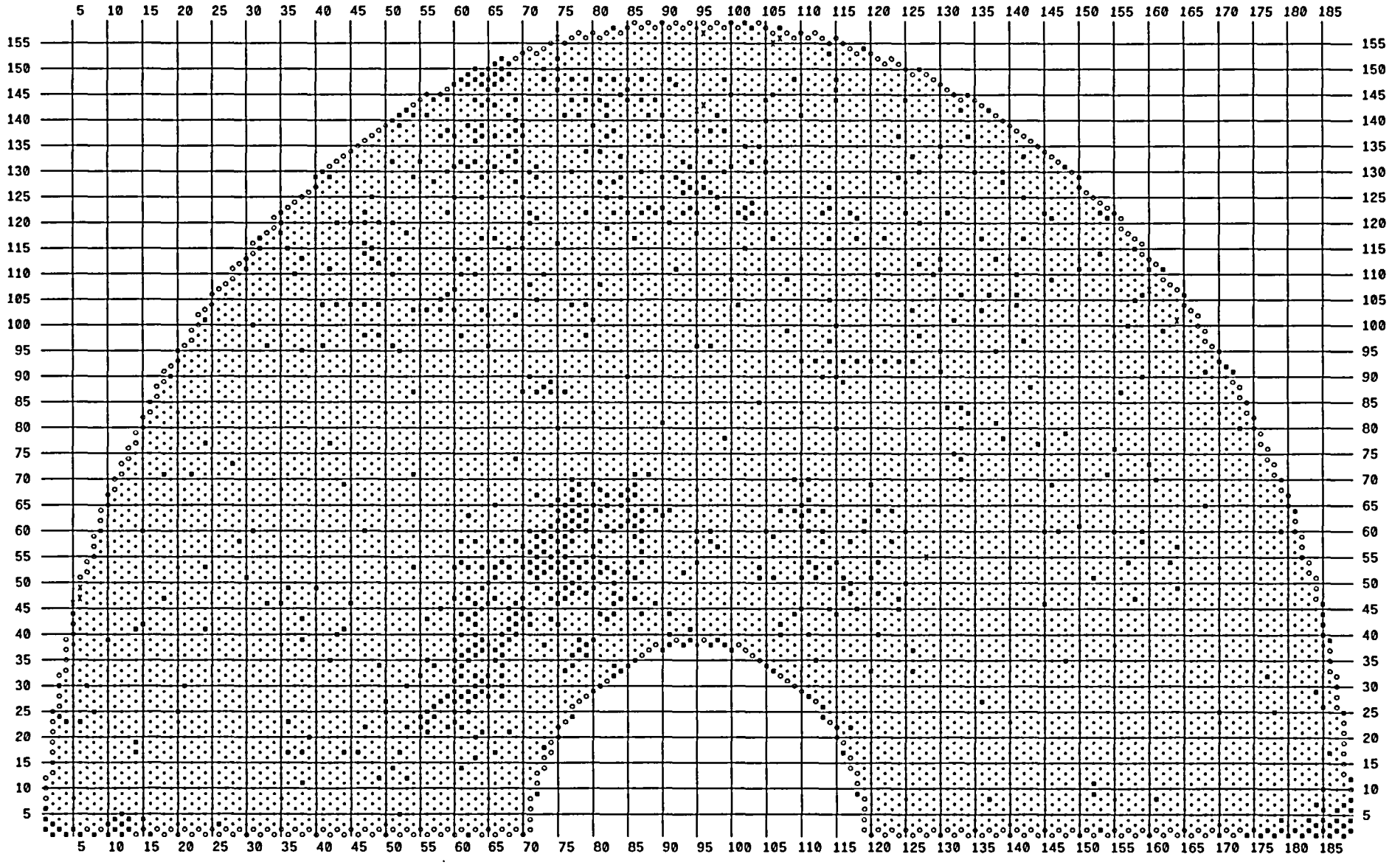
SG - 12

Palo Verde U1R11 PVNGS1 80

X 12 PLI and PLP Locations

* 53 Stay Rod

□ 862 Plugged Tube



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APPENDIX F

PLUG HISTORY

and

TUBE PLUG MAP

PLUG HISTORY

OUTAGE	STEAM GENERATOR 11		STEAM GENERATOR 12	
	NUMBER OF PLUGS	%BOBBIN EXAMINED	NUMBER OF PLUGS	%BOBBIN EXAMINED
FACTORY 6/78	4	NA	20	NA
BASELINE 8/81	4	100	6	100
U1M1	20	32	14	31
U1R1	11	21	1	34
U1R2	12	100	8	100
U1R3	23	37	18	100
U1R4	56	100	126	100
U1R5	39	100	109	100
U1R6	52	100	104	100
U1R7	94	100	62	100
U1R8	54	100	104	100
U1R9	47	100	56	100
U1R10	236	100	234	100
U1R11	221	100	341	100
TOTAL	**873**		**1203**	

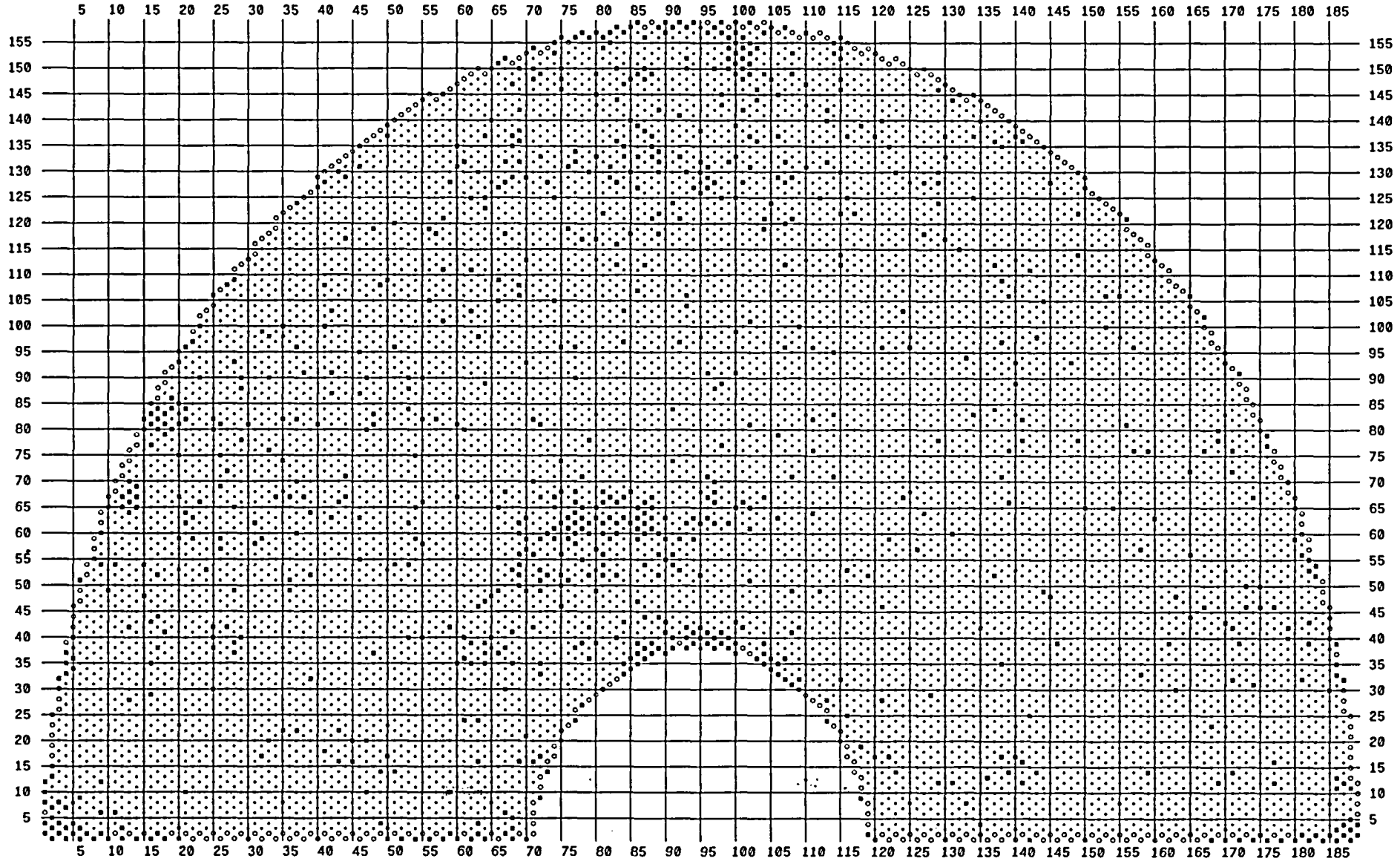
SG - 11 TUBES TO BE PLUGGED

Palo Verde U1R11 PVNGS1 80

■ 221 TBP

• 53 Stay Rod

▫ 652 Plugged Tube



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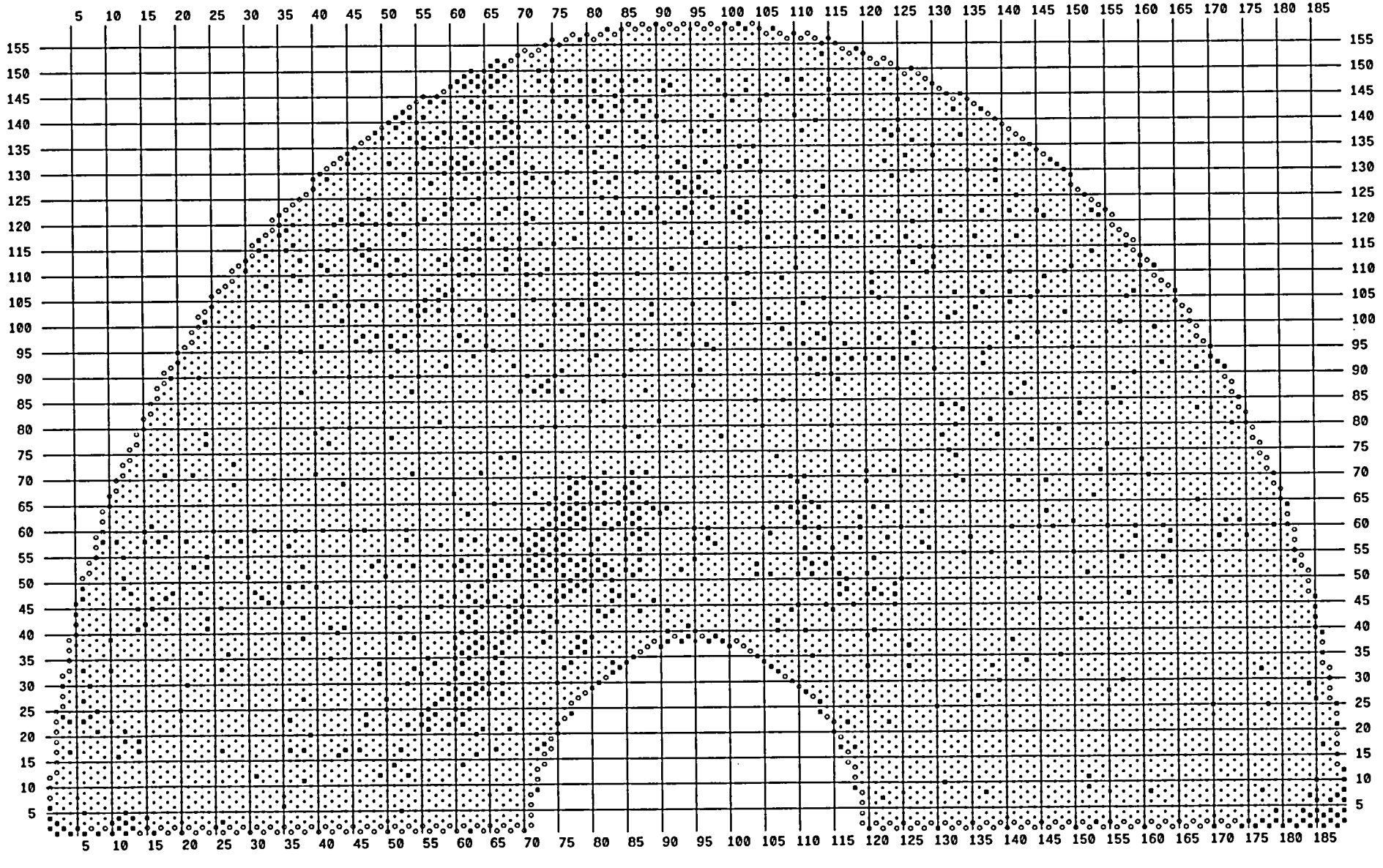
SG - 12 TUBES TO BE PLUGGED

Palo Verde U1R11 PVNGS1 80

■ 341 TBP

* 53 Stay Rod

□ 862 Plugged Tube



APPENDIX G

FORM NIS-1

APS	NIS – 1 FORM OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS
1. OWNER	ARIZONA PUBLIC SERVICE COMPANY, et al
1a. ADDRESS	P. O. BOX 52034; PHOENIX, ARIZONA 85072
2. PLANT	PALO VERDE NUCLEAR GENERATING STATION
2a. ADDRESS	5801 SOUTH WINTERSBURG ROAD, TONOPAH, ARIZONA 85354
3. UNIT NUMBER	1
4. OWNERS CERTIFICATE OF AUTHORIZATION	NONE
5. COMMERCIAL SERVICE DATE	1-28-86

6. COMPONENTS INSPECTED:

COMPONENT OR APPURTENANCE	MANUFACTURER OR INSTALLER	SERIAL NUMBER	STATE OR PROVINCE	NATIONAL BOARD NO
1MRCEE01A STEAM GENERATOR 11	COMBUSTION ENGINEERING	78273-1	NA	22499
1MRCEE01B STEAM GENERATOR 12	COMBUSTION ENGINEERING	78273-2	NA	22500

APS	NIS – 1 BACK OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS

7. EXAM DATES	4-2004
8. INSPECTION INTERVAL	7-18-98 to 7-17-08

9. ABSTRACT OF EXAMINATIONS. INCLUDE A LIST OF EXAMINATIONS AND A STATEMENT CONCERNING STATUS OF WORK REQUIRED FOR CURRENT INTERVAL.

Table 1 in the report summary section documents the number and type of each examination performed. Including the examination expansions.

Several degraded/defective tubes were observed during these examinations. A summary of the tubes with indications of degradation is listed in Appendix C and D of this report for SG 11 and 12 respectively. The tubes identified on the following pages were plugged as a result of this examination.

The number of tubes plugged are as follows: SG 11 = 221 tubes SG 12 = 341 tubes

WE CERTIFY THAT THE STATEMENTS MADE IN THIS REPORT ARE CORRECT AND THE EXAMINATIONS AND CORRECTIVE MEASURES TAKEN CONFORM TO THE RULES OF THE ASME CODE, SECTION XI.

DATE 8-27-04 SIGNED: ARIZONA PUBLIC SERVICE COMPANY BY _____

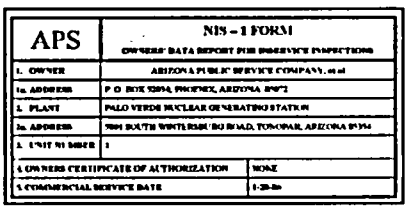
CERTIFICATE OF INSERVICE INSPECTION

I, THE UNDERSIGNED, HOLDING A VALID COMMISSION ISSUED BY THE NATIONAL BOARD OF BOILER AND PRESSURE VESSEL INSPECTORS AND THE STATE OF PROVINCE OF ARIZONA EMPLOYED BY HSB CT OF HARTFORD, CONNECTICUT HAVE INSPECTED THE COMPONENTS DESCRIBED IN THIS OWNERS REPORT DURING THE PERIOD 4-3-04 TO 9-1-04, AND STATE THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE OWNER HAS PERFORMED EXAMINATIONS AND TAKEN CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT IN ACCORDANCE WITH THE REQUIREMENTS OF THE ASME CODE, SECTION XI. BY SIGNING THIS CERTIFICATE NEITHER THE INSPECTOR NOR HIS EMPLOYER MAKES ANY WARRANTY, EXPRESSED OR IMPLIED, CONCERNING THE EXAMINATIONS AND CORRECTIVE MEASURES DESCRIBED IN THIS OWNERS REPORT. FURTHERMORE, NEITHER THE INSPECTOR NOR HIS EMPLOYER SHALL BE LIABLE IN ANY MANNER FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE OR A LOSS OF ANY KIND ARISING FROM OR CONNECTED WITH THIS INSPECTION.

INSPECTOR _____ COMMISSIONS NB 9685 "A.N.I.C" Az264
NATL' BOARD, STATE, PROVINCE

DATE 9-1-04

SG 11



APS	NIS – 1 FORM OWNERS' DATA REPORT FOR INSERVICE INSPECTIONS
1. OWNER	ARIZONA PUBLIC SERVICE COMPANY, et al
1a. ADDRESS	P O BOX 52034, PHOENIX, ARIZONA 85072
2. PLANT	PALO VERDE NUCLEAR GENERATING STATION
2a. ADDRESS	5801 SOUTH WINTERSBURG ROAD, TONOPAH, ARIZONA 85354
3. UNIT NUMBER	1
4. OWNERS CERTIFICATE OF AUTHORIZATION	NONE
5. COMMERCIAL SERVICE DATE	1-28-86

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9	6	TBP
12	9	TBP
1	12	TBP
43	16	TBP
38	17	TBP
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20	45	TBP
63	46	TBP
87	46	TBP
95	46	TBP
135	46	TBP
10	47	TBP
20	47	TBP
90	47	TBP
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14	49	TBP
137	50	TBP
139	50	TBP
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121	104	TBP
149	104	TBP
148	105	TBP
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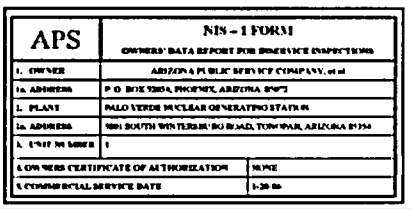
76	111	TBP

SG 11



APS	NIS – 1 FORM
1. OWNER	ARIZONA PUBLIC SERVICE COMPANY, et al
1a. ADDRESS	P.O. BOX 52034, PHOENIX, ARIZONA 85072
2. PLANT	PALO VERDE NUCLEAR GENERATING STATION
2a. ADDRESS	5801 SOUTH WINTERSBURG ROAD, TONOPAH, ARIZONA 85354
3. UNIT NUMBER	1
4. OWNERS CERTIFICATE OF AUTHORIZATION	NONE
5. COMMERCIAL SERVICE DATE	1-28-86

96	111	TBP
49	112	TBP
125	112	TBP
28	113	TBP
83	114	TBP
95	114	TBP
153	114	TBP
32	115	TBP
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128	127	TBP
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128	129	TBP
130	129	TBP
146	129	TBP
133	130	TBP
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25	142	TBP
111	142	TBP
14	143	TBP
105	144	TBP
48	145	TBP
39	146	TBP
93	148	TBP

65	150	TBP
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96	157	TBP
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14	159	TBP
39	162	TBP
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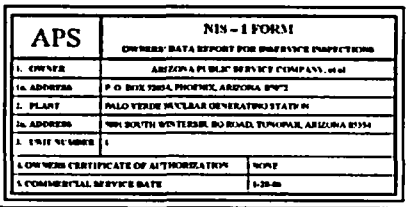
11	188	TBP

SG 12



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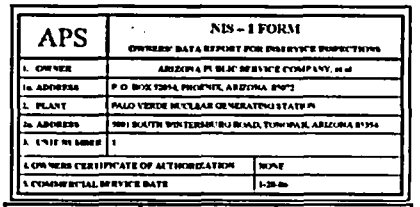
SG 12



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2a. ADDRESS	5801 SOUTH WINTERSBURG ROAD, TONOPAH, ARIZONA 85354
3. UNIT NUMBER	1
4. OWNERS CERTIFICATE OF AUTHORIZATION	NONE
5. COMMERCIAL SERVICE DATE	1-28-86

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115	130	TBP
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102	133	TBP
55	134	TBP
69	134	TBP

SG 12

APS	NIS – 1 FORM
1. OWNER	ARIZONA PUBLIC SERVICE COMPANY, et al
1a. ADDRESS	P. O. BOX 52034, PHOENIX, ARIZONA 85072
2. PLANT	PALO VERDE NUCLEAR GENERATING STATION
2a. ADDRESS	5801 SOUTH WINTERSBURG ROAD, TONOPAH, ARIZONA 85354
3. UNIT NUMBER	1
4. OWNERS CERTIFICATE OF AUTHORIZATION	NONE
5. COMMERCIAL SERVICE DATE	1-28-86

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122	137	TBP
33	138	TBP
55	138	TBP
30	139	TBP
132	139	TBP
38	141	TBP
60	141	TBP
86	141	TBP
122	141	TBP
53	142	TBP
69	142	TBP
34	143	TBP
105	144	TBP

98	145	TBP
106	145	TBP
63	146	TBP
132	147	TBP
102	149	TBP
110	149	TBP
55	150	TBP
95	150	TBP
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82	151	TBP
84	151	TBP
66	153	TBP
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84	155	TBP
30	157	TBP
84	157	TBP

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92	163	TBP
59	164	TBP
83	168	TBP
58	171	TBP
61	172	TBP
61	174	TBP
58	175	TBP
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35	186	TBP
21	188	TBP