

Gersey, Linda

From: Scott Schierman (USA - Casper) <Scott.Schierman@uranium1.com>
Sent: Wednesday, September 12, 2018 11:56 AM
To: Gersey, Linda
Subject: [External_Sender] FW: Could you please contact me today at your earliest convenience, but after 10:30 CT? Try my cell if I don't answer my office phone. Thanks much!!!! EOM
Attachments: Copy of 2017 U1 Top 10-Percent Sample Grids.pdf
Importance: High

Linda

Please find the attached pdf showing the 10% sample grids for Irigaray Mine Units 1-9. I have highlighted the grids that split samples were collected from with ORAU.

If you have any questions please let me know.

Regards,

Scott Schierman | HSE Manager
Uranium One Americas, Inc. (U1 Americas)
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From: Gersey, Linda <Linda.Gersey@nrc.gov>
Sent: Wednesday, September 12, 2018 7:05 AM
To: Scott Schierman (USA - Casper) <Scott.Schierman@uranium1.com>
Subject: Could you please contact me today at your earliest convenience, but after 10:30 CT? Try my cell if I don't answer my office phone. Thanks much!!!! EOM
Importance: High

Linda M. Gersey
Health Physicist

US NRC
RIV-Division of Nuclear Materials Safety

1600 Lamar Blvd
Arlington, TX 76011-4511
Office: 817-200-1299
Fax: 817-200-1188
E-mail: Linda.Gersey@nrc.gov

Grid ID	Grid Centroid		n Records	Avg Gamma (cpm)	Min_Gamma (cpm)	Max_Gamma (cpm)	SD_Gamma (cpm)	Sampled	Radium 226 pCi/g	Radium 226 Precision (±) pCi/g	Uranium pCi/g	Collection Date
	(NAD_1983_StatePlane_Wyoming_East_Central)	Y Coord (meters)										
	X Coord (meters)	Y Coord (meters)										
K96	497528.2	475837.9	27	15993.9	14052	17591	991.9	2017	1.7	0.3	4	10/20/2017
K99	497558.2	475837.9	24	16187.2	14508	18617	1163.8	2017	1.4	0.3	2.1	10/20/2017
K105	497618.2	475837.9	26	15916.5	14395	18676	969.5	2017	1.4	0.3	2.3	10/20/2017
L113	497698.2	475847.9	27	15968.3	14134	17516	907.5	2017	1.2	0.3	4.3	10/20/2017
P110	497668.2	475887.9	25	16593.0	15067	17959	856.6	2017	2.7	0.4	1.6	10/20/2017
X102	497588.2	475967.9	38	17022.3	14977	21297	1427.3	2017	2.2	0.3	4.3	10/25/2017
X103	497598.2	475967.9	24	16000.8	14499	17229	709.0	2017	1.3	0.3	2.4	10/25/2017
X109	497658.2	475967.9	32	16215.5	14293	20130	1173.7	2017	1.1	0.2	1.7	10/25/2017
Y109	497658.2	475977.9	25	16189.4	14144	19203	1109.9	2017	1.5	0.3	1.7	10/25/2017
AF103	497598.2	476047.9	52	16346.5	14581	18583	1016.7	2017	1.2	0.2	1.5	10/25/2017
AG102	497588.2	476057.9	43	17025.4	12920	22585	2166.5	2017	1.1	0.3	1.4	10/20/2017
AG103	497598.2	476057.9	70	16514.6	13311	21166	1829.7	2014	0.9	0.3	1.1	12/12/2014
AG105	497618.2	476057.9	36	15934.9	14246	17580	831.2	2017	2	0.3	2.5	10/20/2017
AH102	497588.2	476067.9	44	16719.8	13931	21332	1426.2	2017	1.3	0.3	2.6	10/25/2017
AH105	497618.2	476067.9	34	16712.2	14213	19528	1253.5	2014	1.3	0.4	1.2	12/2/2014
AI102	497588.2	476078.0	37	16063.0	12651	18403	1438.6	2017	1.1	0.2	2.8	10/25/2017
AI105	497618.2	476077.9	72	16187.7	13309	20504	1456.2	2017	1.8	0.3	2.7	10/20/2017
AJ101	497578.2	476088.0	56	15912.9	13386	19392	1196.3	inaccessible				
AJ105	497618.2	476087.9	72	16499.1	13784	19926	1332.7	2017	1.4	0.3	1.5	10/20/2017
AJ106	497628.2	476087.9	77	15951.9	12575	20239	1507.4	2017	0.8	0.2	1.2	10/20/2017
AK102	497588.2	476098.0	47	16476.6	14362	20170	1308.2	2017	1.2	0.3	2.2	10/25/2017
AK103	497598.2	476098.0	33	15988.0	13083	20204	1648.3	2017	1.6	0.3	1.8	10/20/2017
AS112	497688.2	476178.0	65	16122.2	13383	19082	1254.3	2017	1.2	0.2	0.8	10/20/2017
AT112	497688.2	476188.0	82	16154.6	13466	20950	1474.7	2017	1	0.2	0.8	10/20/2017
AU100	497568.2	476198.0	48	16074.1	13357	19310	1321.4	2017	1.7	0.3	2.7	10/25/2017
AU101	497578.2	476198.0	32	16828.1	14365	21271	1861.5	2017	1.8	0.3	2.5	10/20/2017
AU109	497658.2	476198.0	35	15958.0	13735	18086	1139.8	2017	0.8	0.2	1.1	10/25/2017
AU110	497668.2	476198.0	50	16442.2	14782	19653	1093.0	2017	1	0.3	1.2	10/25/2017
AU111	497678.2	476198.0	41	16448.3	14178	21562	1470.4	2014	1.2	0.4	1.6	11/20/2014
AV99	497558.2	476208.0	25	16195.2	13219	20679	1466.4	2017	1.3	0.3	1.8	10/20/2017
AV102	497588.2	476208.0	35	17384.7	15198	19546	1212.0	2017	1.3	0.3	2.3	10/20/2017
AV103	497598.2	476208.0	53	16061.4	13036	21934	1943.3	2017	0.8	0.3	1.6	10/20/2017
AV107	497638.2	476208.0	47	16126.3	13762	18885	1128.8	2014	1	0.4	2	11/20/2014
AV108	497648.2	476208.0	41	16336.1	14127	21293	1490.2	2017	1.3	0.2	1.1	10/25/2017
AV109	497658.2	476208.0	29	16034.9	13462	18962	1464.9	2017	1	0.2	1.2	10/25/2017
AV110	497668.2	476208.0	71	16147.9	13876	21206	1276.9	2017	0.9	0.3	1	10/25/2017
AW99	497558.2	476218.0	27	16052.1	13353	18132	1011.9	2017	1.3	0.2	1.5	10/25/2017
AW100	497568.2	476218.0	30	15921.6	14183	18573	1000.2	2017	1.3	0.3	2.4	10/20/2017
AW101	497578.2	476218.0	54	15947.1	13556	18411	1117.3	2017	1.6	0.3	2.6	10/25/2017
AW105	497618.2	476218.0	45	15920.3	13271	20613	1377.8	2017	0.9	0.2	0.8	10/20/2017
AY104	497608.2	476238.0	27	16066.1	14242	17870	828.3	2014	1.1	0.3	1.6	11/20/2014
AZ105	497618.2	476248.0	21	16046.9	14960	17428	641.0	2017	1.7	0.2	3.4	10/23/2017

AZ106	497628.2	476248.0	16013.5	14323	18585	1132.7	2017	1.9	0.2	3.7	10/23/2017
AZ107	497638.2	476248.0	16927.0	14489	18191	880.3	2017	2.1	0.2	4.4	10/23/2017
AZ108	497648.2	476248.0	16095.0	14390	17863	1004.1	2017	1.9	0.2	3.4	10/23/2017
BA105	497618.2	476258.0	16158.1	12980	18004	1070.3	2017	2.1	0.2	4	10/23/2017
BA106	497628.2	476258.0	17270.9	15644	18511	794.8	2014	1.1	0.4	2.2	11/19/2014
BA107	497638.2	476258.0	17588.5	15784	19541	800.5	2017	2.5	0.2	4.4	10/23/2017
BA108	497648.2	476258.0	16910.1	14734	18230	940.3	2017	2.4	0.2	3.7	10/23/2017
BA109	497658.2	476258.0	16306.3	13026	19200	1503.1	2017	2.3	0.2	3.6	10/23/2017
BB104	497608.2	476268.0	16169.0	14646	17121	744.2	2014	0.9	0.3	1.2	11/19/2014
BB105	497618.2	476268.0	17156.2	15621	18707	768.0	2017	2.1	0.2	4.1	10/23/2017
BB106	497628.2	476268.0	16930.8	14174	20302	1246.2	2017	2.4	0.2	3.9	10/23/2017
BB107	497638.2	476268.0	17181.8	15460	18406	800.4	2017	2.5	0.2	4.7	10/23/2017
BB108	497648.2	476268.0	17168.4	15999	18341	742.0	2014	1.1	0.4	1.4	11/19/2014
BC105	497618.2	476278.0	17044.5	15222	18689	1021.1	2017	2.6	0.2	5.7	10/23/2017
BC106	497628.2	476278.0	17943.0	14556	23790	3092.3	2017	2.4	0.2	4.8	10/23/2017
BC107	497638.2	476278.0	17239.3	14546	19584	1363.7	2017	2.8	0.2	6.1	10/23/2017
BC108	497648.2	476278.0	16617.3	14698	18438	844.4	2017	2.1	0.2	4	10/23/2017
BD103	497598.2	476288.0	15987.9	13764	19214	1155.3	2017	2	0.2	2	10/23/2017
BD104	497608.2	476288.0	16643.0	14696	18720	913.3	2017	2.3	0.2	2.5	10/23/2017
BD105	497618.2	476288.0	17625.3	15470	20180	1300.4	2017	2.5	0.2	3	10/23/2017
BD106	497628.2	476288.0	20953.2	15847	25712	3049.0	2017	4.1	0.5	10.3	10/18/2017
BD107	497638.2	476288.0	18687.8	16644	22113	1567.2	2017	2.5	0.2	4.1	10/23/2017
BD108	497648.2	476288.0	17707.4	14509	22015	2167.5	2014	0.7	0.5	1.4	11/19/2014
BE103	497598.2	476298.0	16388.6	15127	17840	714.9	2017	1.6	0.3	2.4	10/24/2017
BE104	497608.2	476298.0	16450.0	15230	18566	880.9	2017	1.7	0.3	2.9	10/24/2017
BE105	497618.2	476298.0	17047.6	15849	18426	620.7	2014	1.7	0.3	2.2	10/24/2017
BE106	497628.2	476298.0	17175.8	15628	20292	1131.1	2017	2.1	0.2	2.8	10/23/2017
BE107	497638.2	476298.0	17645.4	15349	19305	915.2	2017	2.6	0.2	4.3	10/23/2017
BE108	497648.2	476298.0	16676.4	13214	20735	2279.6	2017	2.6	0.2	3.7	10/23/2017
BF102	497588.2	476308.0	16162.6	14838	17536	780.1	2017	1.5	0.3	2.4	10/24/2017
BF103	497598.2	476308.0	16509.6	14812	18014	830.0	2017	1.7	0.3	2	10/24/2017
BF104	497608.2	476308.0	16524.6	15021	18389	849.5	2017	2.1	0.3	3.4	10/24/2017
BF105	497618.2	476308.0	16922.4	14876	19571	1160.1	2017	2	0.3	4.4	10/24/2017
BF106	497628.2	476308.0	17111.8	14696	18365	947.3	2017	2.3	0.3	6.5	10/24/2017
BF107	497638.2	476308.0	17163.1	14570	19050	1262.4	2017	1.9	0.3	3.8	10/24/2017
BG104	497648.2	476308.0	16398.6	13889	18300	1050.5	2017	1.7	0.3	3.8	10/24/2017
BG106	497628.2	476318.0	15921.5	14142	18073	1071.6	2017	1.3	0.2	2.8	10/24/2017
BG107	497638.2	476328.0	15951.8	14134	19851	1328.4	2017	1.5	0.2	2.3	10/24/2017
BH107	497638.2	476328.0	16320.5	14162	18421	1079.0	2017	1.1	0.2	1.5	10/24/2017
BI105	497618.2	476338.0	16271.1	13789	19290	1285.8	2017	1.3	0.3	2.6	10/25/2017
BI106	497628.2	476338.0	16263.2	13457	18493	1202.9	2017	1.2	0.3	2.1	10/24/2017
BI108	497648.2	476338.0	16023.4	12992	20161	1530.8	2017	1.1	0.2	1.4	10/24/2017
BJ105	497618.2	476348.0	16642.6	14390	20893	1332.7	2014	1.3	0.3	2.2	10/24/2017
BJ106	497628.2	476348.0	15939.0	13506	19323	1371.5	2017	1.2	0.3	1.9	10/24/2017
BK104	497608.2	476358.0	16150.8	13638	19481	1144.7	2017	1.1	0.3	1.7	10/24/2017

BK105	497618.2	476358.0	49	16241.7	13014	20169	1463.5	2017	1.3	0.2	1.7	10/24/2017
BK112	497688.2	476358.0	23	16470.5	14654	18921	1055.4	2017	2.2	0.3	2.4	10/25/2017
BL103	497598.2	476368.0	48	16024.0	14516	19826	1090.7	2017	1.6	0.3	1.8	10/24/2017
BL111	497678.2	476368.0	24	16481.4	14712	19563	1164.4	2017	1.9	0.3	2.1	10/25/2017
BM88	497548.2	476378.0	40	16305.1	14235	20201	1539.1	2017	1.1	0.2	2.2	10/24/2017
BM99	497558.2	476378.0	55	16222.5	13345	19318	1406.2	2017	2	0.3	3	10/24/2017
BM111	497678.2	476378.0	26	16647.3	14980	18399	949.3	2017	1.7	0.3	2.1	10/25/2017
BN95	497518.2	476388.0	25	16010.3	13363	18381	1335.1	2017	1.1	0.3	2	10/24/2017
BN96	497528.2	476388.0	48	16366.3	13144	19186	1203.6	2017	1.3	0.3	2.5	10/24/2017
BN98	497548.2	476388.0	52	16020.4	13274	19839	1227.3	2017	0.9	0.2	1.9	10/24/2017
BN99	497558.2	476388.0	28	16182.8	13602	19273	1229.4	2017	1.4	0.3	2	10/24/2017
BN111	497678.2	476388.0	27	16294.4	13933	18792	1078.9	2017	1.9	0.3	2.1	10/25/2017
BP95	497518.2	476408.0	27	16080.8	14214	17743	729.0	2017	1.1	0.2	2.6	10/24/2017
BP96	497528.2	476408.0	36	15985.8	14690	17812	844.2	2017	1.1	0.3	2.5	10/24/2017
BP98	497548.2	476408.0	35	16393.9	13729	19282	1334.9	2017	1.3	0.3	2.6	10/24/2017
BQ93	497498.2	476418.0	28	16267.9	14754	17862	805.7	2017	1.9	0.3	3.3	10/24/2017
BR93	497498.2	476428.0	28	16059.0	14785	17454	723.0	2017	1.6	0.3	3.6	10/24/2017
BS91	497478.2	476438.0	22	16081.6	14770	17752	882.7	2017	1.1	0.3	3.3	10/24/2017
BS92	497488.2	476438.0	42	16586.1	14602	18520	829.8	2017	2.4	0.4	2.5	10/20/2017
BS93	497498.2	476438.0	37	16230.8	13862	17872	804.9	2017	1.9	0.3	3	10/24/2017
BS94	497508.2	476438.0	44	16248.1	14135	18032	968.4	2017	1.3	0.2	2.5	10/24/2017
BT84	497408.2	476448.0	56	16566.5	13198	19807	1566.8	2017	0.9	0.2	2	10/24/2017
BT95	497518.2	476448.0	29	16248.8	13929	18909	998.8	2017	1	0.2	1.9	10/20/2017
BU91	497478.2	476458.0	20	16387.7	14266	17512	841.3	2017	1	0.2	2.2	10/24/2017
BW86	497428.2	476478.0	31	16157.4	13402	19200	1548.6	2017	1.2	0.3	3.1	10/25/2017
BW88	497448.2	476478.0	23	16013.4	14105	18145	1059.0	2017	1.3	0.3	2.6	10/24/2017
BX93	497498.2	476488.0	27	16351.7	13931	19921	1604.2	2017	2.3	0.3	2.9	10/20/2017
BX94	497508.2	476488.0	32	17660.3	14044	22570	2043.1	2017	2.8	0.3	3.6	10/20/2017
BY88	497448.2	476498.0	25	15916.6	14391	18767	881.2	2017	1.5	0.3	2.2	10/20/2017
BY94	497508.2	476498.0	19	16023.2	13591	18450	1087.7	2017	2.9	0.3	2.9	10/20/2017
BY96	497528.2	476498.0	30	15914.9	14262	18835	1102.2	2017	2.1	0.3	2.8	10/20/2017
BY98	497548.2	476498.0	25	15987.5	14327	20092	1349.4	2017	1.6	0.3	2.2	10/20/2017
BZ96	497528.2	476508.0	64	16690.4	12883	22020	2028.5	2017	2.8	0.3	2.6	10/20/2017
CA95	497548.2	476508.0	56	16156.3	13968	19095	977.2	2017	2.6	0.3	2.2	10/20/2017
CA96	497518.2	476518.0	30	16967.2	13898	25731	2446.0	2014	1.5	0.4	2.4	10/23/2014
CA97	497528.2	476518.0	29	17153.8	15438	20062	1215.0	2014	1.8	0.5	2.4	10/23/2014
CA98	497548.2	476518.0	36	16584.8	14372	18889	1197.9	2017	1.7	0.3	2.8	10/20/2017
CA99	497558.2	476518.0	45	16690.1	14748	18433	782.4	2017	1.4	0.3	1.7	10/20/2017
CB87	497558.2	476518.0	42	16630.7	13823	18712	1122.7	2017	1.5	0.3	1.7	10/20/2017
CB89	497438.2	476528.0	25	16111.6	14560	18831	1123.6	2017	4.6	0.4	2.8	10/20/2017
CB94	497508.2	476528.0	26	16954.8	13812	19236	1338.9	2017	1.1	0.3	2.2	10/20/2017
CB95	497518.2	476528.0	49	17554.0	14432	24102	1837.0	2017	1.9	0.3	2.8	10/20/2017
CB96	497528.2	476528.0	25	16744.9	13743	19841	1421.4	2014	1.1	0.4	2	11/5/2014
CB97	497538.2	476528.0	25	16519.6	13210	19090	1454.5	2017	2	0.3	2.5	10/20/2017
CB109	497658.2	476528.0	24	17548.9	14937	22403	1865.1	2017	2.6	0.4	3.5	10/24/2017

CC84	497408.2	476538.0	59	16106.4	12668	19899	1518.9	2017	1.9	0.2	3.9	10/23/2017
CC85	497418.2	476538.0	53	16075.6	13208	18659	1127.3	2017	1.6	0.2	2.2	10/20/2017
CC90	497468.2	476538.0	31	16075.6	14378	18061	1020.0	2017	2.2	0.3	2.2	10/20/2017
CC93	497498.2	476538.0	40	16482.9	13992	19798	1418.3	2017	1.5	0.3	2.3	10/20/2017
CC94	497508.2	476538.0	46	17126.3	15114	19286	803.4	2017	2.6	0.3	2.9	10/20/2017
CC95	497518.2	476538.0	26	16585.6	14974	18221	713.6	2017	1.6	0.3	2.3	10/20/2017
CC109	497658.2	476538.0	24	17071.5	15183	21335	1676.0	2017	2.9	0.4	4.8	10/24/2017
CD79	497358.2	476548.0	89	16148.9	13163	19760	1339.6	2017	1.7	0.3	1.8	10/24/2017
CD81	497378.2	476548.0	53	16296.9	14308	21146	1482.9	2017	1.2	0.3	3.3	10/24/2017
CD89	497458.2	476548.0	31	16077.1	13950	22454	1496.3	2017	1.7	0.3	2.2	10/20/2017
CD93	497498.2	476548.0	49	16146.9	14088	19083	1170.0	2017	1.6	0.3	3.4	10/20/2017
CD94	497508.2	476548.0	30	16380.0	14880	18118	1103.5	2017	1.6	0.3	3.4	10/20/2017
CD107	497638.2	476548.0	24	16737.7	14975	19757	1288.8	2017	1.6	0.3	2.2	10/24/2017
CD108	497648.2	476548.0	21	16144.9	14010	18290	1266.2	2017	1.4	0.3	2.8	10/24/2017
CD109	497658.2	476548.0	21	16178.9	14459	19716	1286.4	2017	1.2	0.2	2	10/24/2017
CE80	497368.2	476558.0	29	16029.4	13367	20621	1460.7	2014	1.9	0.4	2.1	11/5/2014
CE83	497398.2	476558.0	82	15960.9	13030	20177	1380.0	2017	0.9	0.3	1.4	10/24/2017
CE84	497408.2	476558.0	48	16279.6	13911	19401	1485.4	2017	1.2	0.2	2.8	10/24/2017
CE89	497458.2	476558.0	43	17935.4	13933	24435	3191.5	2017	1.1	0.3	2.2	10/20/2017
CE90	497468.2	476558.0	30	16188.4	14370	18232	833.0	2014	0.8	0.4	1	11/5/2014
CE94	497508.2	476558.0	39	16045.6	12661	24894	2746.5	2014	1.1	0.4	1.9	11/5/2014
CE107	497638.2	476558.0	31	16198.4	14300	18471	943.4	2017	1.5	0.3	1.9	10/24/2017
CF79	497358.2	476568.0	37	16278.9	14433	19122	1210.5	2017	1.2	0.2	2	10/23/2017
CF80	497368.2	476568.0	30	16162.6	13792	18705	1202.1	2017	1.4	0.2	4.8	10/23/2017
CF82	497388.2	476568.0	190	17011.4	12569	28041	2908.1	2017	0.9	0.2	2	10/24/2017
CF83	497398.2	476568.0	78	17016.6	14091	22695	1516.3	2017	0.9	0.2	1.8	10/20/2017
CF84	497408.2	476568.0	69	15961.5	11941	20028	1660.4	2014	1.2	0.4	1.7	11/4/2014
CF92	497488.2	476568.0	28	16096.5	14545	18365	977.2	2017	2	0.3	3	10/20/2017
CF93	497498.2	476568.0	47	17438.7	15556	19912	1220.5	2017	3.3	0.4	5.3	10/20/2017
CF94	497508.2	476568.0	43	16883.2	14565	22556	1496.3	2014	0.8	0.3	1.1	11/4/2014
CG82	497388.2	476578.0	91	16086.7	13970	18981	1072.9	2017	1	0.2	2.5	10/24/2017
CG83	497398.2	476578.0	61	16356.1	13203	19101	1307.6	2017	1.2	0.2	1.7	10/24/2017
CH79	497358.2	476588.0	37	15943.6	13533	19620	1404.6	2017	1.2	0.2	1.6	10/23/2017
CH82	497388.2	476588.0	52	16162.5	13368	19606	1519.8	2017	5.6	0.4	5.4	10/20/2017
CH92	497488.2	476588.0	24	16589.5	14214	21937	1747.2	2017	2.5	0.3	4.4	10/18/2017
CH93	497498.2	476588.0	55	20220.7	13575	31661	4692.6	2014	2.4	0.4	6.7	10/23/2014
CI83	497398.2	476598.0	49	16092.8	13791	21313	1764.6	2017	1.6	0.3	3.4	10/24/2017
CJ91	497478.2	476608.0	42	16070.0	14196	18154	934.5	2017	1.9	0.3	2	10/20/2017
CK80	497368.2	476618.0	30	16343.6	13945	19472	1303.1	2017	1.3	0.2	2.4	10/23/2017
CK82	497388.2	476618.0	111	17595.9	13342	25830	2283.9	2017	2	0.2	3.9	10/23/2017
CL80	497368.2	476628.0	46	15995.4	13788	18969	1152.5	2017	1.4	0.2	3.1	10/23/2017
CL81	497378.2	476628.0	68	16114.8	14160	20352	1251.1	2017	2	0.2	3	10/23/2017
CL84	497408.2	476628.0	133	17379.5	13255	23409	2003.7	2017	3.3	0.2	3.8	10/23/2017
CL85	497418.2	476628.0	42	16823.7	14225	20694	1748.7	2017	1.6	0.3	2.6	10/25/2017
CM81	497378.2	476638.0	91	15914.3	12995	19940	1331.9	2017	2.3	0.2	4	10/23/2017

CM82	497388.2	476638.0	103	16039.7	13757	18797	1223.9	2017	2.1	0.2	3.2	10/23/2017
CM83	497398.2	476638.0	76	16329.4	13226	22002	1613.8	2017	2	0.3	2.8	10/25/2017
CM84	497408.2	476638.0	115	16029.9	13081	20366	1237.5	2017	2.7	0.2	3.4	10/23/2017
CN77	497338.2	476648.0	47	16028.7	14039	21117	1361.5	2017	1.4	0.3	3.1	10/25/2017
CN78	497348.2	476648.0	88	16483.3	14050	20430	1309.2	2017	1.8	0.2	4.1	10/23/2017
CN79	497358.2	476648.0	43	16750.7	13886	20891	1579.7	2017	1.5	0.2	3.6	10/23/2017
CN81	497378.2	476648.0	113	16094.1	13450	20882	1288.9	2017	2.7	0.2	3.9	10/23/2017
CN82	497388.2	476648.0	99	16691.5	13609	19791	1374.5	2017	2.5	0.2	6.8	10/23/2017
CN83	497398.2	476648.0	45	16920.8	14691	20118	1244.4	2017	2.1	0.2	2.6	10/23/2017
CO78	497348.2	476658.0	61	16030.3	13006	20763	1654.5	2017	1.4	0.1	2.7	10/23/2017
CO79	497358.2	476658.0	100	19163.2	13739	30967	4063.7	2017	1.7	0.2	3	10/23/2017
CO80	497368.2	476658.0	97	16902.2	13773	23326	1821.9	2017	1.5	0.2	2.8	10/23/2017
CO81	497378.2	476658.0	76	15959.8	14101	20306	1078.4	2017	2.6	0.2	3.9	10/23/2017
CP76	497328.2	476668.0	69	16090.0	13550	19754	1552.4	2017	1.9	0.2	5.1	10/23/2017
CQ76	497328.2	476678.0	37	17154.5	13673	21910	1707.8	2017	2.7	0.2	2.2	10/23/2017
CQ77	497338.2	476678.0	108	18879.9	14021	27404	3659.0	2017	1.4	0.1	2.8	10/23/2017
CR73	497298.2	476688.0	31	16269.9	14450	21132	1208.0	2017	1.3	0.3	2.3	10/25/2017
CR76	497328.2	476688.0	50	16313.4	13193	20894	1689.3	2017	1.4	0.1	1.8	10/23/2017
CR77	497338.2	476688.0	43	17901.4	13392	24412	2524.0	2017	2.3	0.2	1.9	10/23/2017
CR78	497348.2	476688.0	63	16677.9	13311	21387	1709.5	2017	2.1	0.2	2.9	10/23/2017
CR85	497418.2	476688.0	50	16662.9	14451	24077	1703.8	2017	4.7	0.5	5.4	10/24/2017
CS85	497418.2	476698.0	25	16206.1	12601	22750	2165.3	2017	1.8	0.3	2.5	10/24/2017
CS86	497428.2	476698.0	22	17584.4	14312	22609	2825.8	2017	2.8	0.4	3.7	10/24/2017
CU85	497418.2	476718.0	22	15977.5	12922	23150	2447.2	2017	2	0.3	2.3	10/24/2017
CW72	497288.2	476738.0	30	16424.6	12822	23379	2294.0	2017	2.3	0.3	1.4	10/25/2017
CY67	497238.2	476758.0	35	16084.3	13021	19684	1541.2	2017	1.3	0.3	1.6	10/18/2017
CY73	497298.2	476758.0	29	16337.0	13648	18800	1354.0	2017	1.4	0.3	1.3	10/19/2017
CZ69	497258.2	476768.0	40	16203.6	12322	20397	1917.4	2017	1	0.3	1.6	10/20/2017
DA78	497348.2	476778.0	32	15970.6	12619	28337	3172.7	2014	1.5	0.4	1.1	10/30/2014
DB68	497248.2	476788.0	36	16035.9	13616	19574	1653.6	2017	2.1	0.3	3.2	10/19/2017
DC66	497228.2	476798.0	30	16183.9	12808	20398	1880.8	2017	2.1	0.3	2.2	10/19/2017
DC70	497268.2	476798.0	30	16768.5	14019	20943	1872.5	2017	1.2	0.3	1.4	10/19/2017
DD63	497198.2	476808.0	27	16402.4	14246	18764	1431.1	2017	1.1	0.2	1.9	10/19/2017
DD66	497228.2	476808.0	28	16477.6	13100	19296	1517.6	2017	1.6	0.3	3	10/19/2017
DD67	497238.2	476808.0	32	16099.1	13526	19110	1465.0	2017	1.8	0.3	2.7	10/19/2017
DD68	497248.2	476808.0	33	17116.4	13759	21272	1993.8	2017	1.6	0.3	2.3	10/19/2017
DD69	497258.2	476808.0	55	16695.2	13489	22858	1857.5	2017	1.5	0.2	1.6	10/19/2017
DD70	497268.2	476808.0	94	16593.7	13115	22267	1897.3	2014	1.9	0.5	8.2	10/30/2014
DE66	497228.2	476818.0	26	17838.7	14493	22345	1839.4	2017	2.1	0.3	3.9	10/19/2017
DE67	497238.2	476818.0	27	18343.6	14701	26025	3622.0	2014	1.9	0.4	1.6	10/23/2014
DE68	497248.2	476818.0	38	17147.9	14185	20903	1631.8	2017	3.1	0.4	3.2	10/19/2017
DE69	497258.2	476818.0	58	17413.2	14207	25193	2470.3	2017	5.6	0.5	3.1	10/19/2017
DE70	497268.2	476818.0	56	16997.4	14377	22215	1634.0	2014	2.6	0.5	1.4	10/23/2014
DE71	497278.2	476818.0	39	16443.6	13293	19863	1388.7	2017	1.4	0.3	1.4	10/19/2017
DF64	497208.2	476828.0	44	16241.7	12725	20517	1605.0	2017	1.8	0.3	2.6	10/19/2017

DF65	497218.2	476828.0	31	15967.0	13642	20007	1462.5	2017	1.6	0.3	3.2	10/19/2017
DF66	497228.2	476828.0	29	16692.0	13723	22186	2096.4	2017	2.8	0.3	3.5	10/19/2017
DF67	497238.2	476828.0	26	17829.6	14742	23037	1999.0	2017	1.9	0.3	2.6	10/19/2017
DF68	497248.2	476828.0	125	17009.6	14013	22472	1638.7	2014	1.4	0.4	4.7	10/30/2014
DF69	497258.2	476828.0	59	17145.5	14242	21195	1872.6	2017	1.5	0.3	2.3	10/19/2017
DF71	497278.2	476828.0	38	16003.3	13884	18731	1228.5	2017	2.2	0.3	2.9	10/19/2017
DG65	497218.2	476838.0	29	16172.9	14372	18909	1173.9	2014	1.5	0.5	1.9	10/29/2014
DG67	497238.2	476838.0	35	17310.8	14047	21885	1807.7	2017	1.8	0.3	2.4	10/19/2017
DG68	497248.2	476838.0	34	16904.6	13639	19485	1500.9	2017	1.8	0.3	2.7	10/19/2017
DG69	497258.2	476838.0	33	17616.4	15402	22899	1747.8	2017	1.4	0.3	3.5	10/19/2017
DG70	497268.2	476838.0	25	16296.4	14664	19257	1118.3	2017	1.6	0.3	2.8	10/19/2017
DG71	497278.2	476838.0	42	16271.9	13768	19143	1285.1	2017	1.8	0.3	1.9	10/25/2017
DH64	497208.2	476848.0	34	16068.8	14343	19752	1347.2	2017	1.3	0.3	1.9	10/25/2017
DH65	497218.2	476848.0	28	16410.9	14091	19374	1476.6	2017	1.7	0.3	2.9	10/18/2017
DH67	497238.2	476848.0	29	17569.7	14806	20968	1571.9	2017	2.4	0.3	3.6	10/18/2017
DH68	497248.2	476848.0	43	17565.8	13947	22512	1833.7	2017	2.2	0.4	4.1	10/18/2017
DH69	497258.2	476848.0	33	16077.1	13255	19402	1441.4	2014	2.0	0.4	2.5	10/29/2014
DH70	497268.2	476848.0	30	16472.7	13530	21337	1869.5	2017	1.7	0.3	2.4	10/18/2017
DH73	497298.2	476848.0	26	16103.3	13754	20916	1641.2	2017	1.2	0.3	1.7	10/18/2017
DI66	497228.2	476858.0	42	15929.5	12310	20306	1496.9	2017	1.1	0.3	2.2	10/18/2017
DI67	497238.2	476858.0	39	16473.2	13606	19458	1499.4	2017	1.4	0.3	3.3	10/18/2017
DI68	497248.2	476858.0	128	19994.7	15191	32965	4048.8	2014	1.2	0.4	5.3	10/23/2014
DI69	497258.2	476858.0	93	19001.9	13434	28951	2999.7	2014	0.9	0.3	1.8	10/23/2014
DI70	497268.2	476858.0	35	16698.0	14381	21823	1805.0	2014	1.7	0.4	4.9	10/23/2014
DI72	497288.2	476858.0	26	15998.5	13195	20253	1787.4	2017	1.1	0.3	2.2	10/18/2017
DI81	497378.2	476858.0	25	15979.6	13840	18297	1508.2	2017	1.9	0.2	10.1	10/17/2017
DI82	497388.2	476858.0	27	16422.6	12730	20418	1982.6	2014	1.7	0.4	8.5	10/21/2014
DJ64	497208.2	476868.0	40	16033.8	13781	19545	1263.9	2014	1.1	0.5	1.8	10/29/2014
DJ65	497218.2	476868.0	28	16094.2	14301	18812	1077.8	2017	1.1	0.3	2.3	10/18/2017
DJ66	497228.2	476868.0	25	16100.1	14028	19538	1507.7	2017	1.8	0.3	2.2	10/18/2017
DJ68	497248.2	476868.0	79	18096.1	13856	29696	3740.5	2014	1.2	0.4	1.6	10/23/2014
DJ69	497258.2	476868.0	60	17558.4	12698	23244	2194.5	2014	1.4	0.4	2.3	10/23/2014
DJ70	497268.2	476868.0	34	17102.3	14071	20278	1738.8	2014	2.1	0.5	2.0	10/23/2014
DJ82	497388.2	476868.0	24	16687.5	13840	20869	1711.8	2014	1.5	0.3	3.1	10/21/2014
DJ84	497408.2	476868.0	20	15933.6	11159	23628	3312.4	2017	2.0	0.2	1.0	10/17/2017
DK65	497218.2	476878.0	30	16309.7	13654	19488	1389.5	2017	1.1	0.3	2.2	10/18/2017
DK66	497228.2	476878.0	24	16084.9	13982	20985	1410.1	2017	0.9	0.2	2.2	10/18/2017
DK69	497258.2	476878.0	36	16127.3	13221	20877	1953.4	2017	1.7	0.3	2.5	10/18/2017
DK70	497268.2	476878.0	28	16013.6	14072	19498	1451.2	2017	1.4	0.3	3	10/18/2017
DK83	497398.2	476878.0	45	16151.2	13072	22034	1868.8	2014	0.5	0.4	1.2	10/21/2014
DK84	497408.2	476878.0	35	16761.9	12045	29817	4316.4	2014	4.4	0.6	1.8	10/21/2014
DL65	497218.2	476888.0	75	17072.6	13137	21757	1816.2	2017	1.4	0.2	2.2	10/17/2017
DL67	497238.2	476888.0	38	16238.8	13547	23804	1963.0	2017	1.2	0.2	2.3	10/17/2017
DL68	497248.2	476888.0	40	16252.6	13254	19620	1562.0	2017	1.3	0.3	2.3	10/18/2017
DL69	497258.2	476888.0	32	16539.5	13080	19844	1585.9	2017	1.9	0.4	3.8	10/18/2017

DL70	497268.2	476888.0	29	17361.4	15228	20413	1217.5	2017	2.7	0.3	2.8	10/18/2017
DL71	497278.2	476888.0	36	18078.9	15541	25413	1944.1	2014	1.6	0.4	2.6	10/29/2014
DL73	497298.2	476888.0	32	16243.4	13641	19777	1663.9	2017	1.6	0.2	2.2	10/17/2017
DL74	497308.2	476888.0	30	16979.7	14134	22062	1953.7	2014	1.3	0.4	2.3	10/29/2014
DL75	497318.2	476888.0	28	17270.9	14403	21936	1918.8	2017	1.7	0.2	2.4	10/17/2017
DL77	497338.2	476888.0	17	16641.4	13946	26071	3130.7	2014	1.6	0.4	0.9	10/29/2014
DL78	497348.2	476888.0	16	18675.1	14253	33580	6105.6	2017	1.9	0.2	2.2	10/17/2017
DL83	497398.2	476888.0	20	16050.0	14123	21078	1979.7	2017	1.7	0.2	2.8	10/17/2017
DM65	497218.2	476898.0	143	17021.3	13261	20389	1626.3	2017	1.1	0.3	2.2	10/18/2017
DM69	497258.2	476898.0	29	16274.2	13449	19422	1542.8	2017	1.3	0.3	2.1	10/18/2017
DM70	497288.2	476898.0	29	16743.9	13356	21864	2118.5	2017	2	0.3	2.1	10/18/2017
DM71	497278.2	476898.0	38	16844.1	13524	22028	2153.4	2017	1.3	0.3	2	10/18/2017
DM72	497288.2	476898.0	58	17623.3	13412	24928	2406.5	2017	3.7	0.3	3.0	10/17/2017
DM73	497298.2	476898.0	37	17191.3	14839	19939	1432.1	2017	2.2	0.2	2.7	10/17/2017
DM74	497308.2	476898.0	52	16306.4	14310	18720	895.9	2014	1.1	0.4	4.3	10/20/2014
DM75	497318.2	476898.0	29	16240.2	14440	19210	1061.5	2017	2.6	0.2	4.4	10/17/2017
DM76	497348.2	476898.0	24	16018.3	14494	17887	813.8	2017	1.7	0.2	2.4	10/17/2017
DM78	497348.2	476898.0	28	16420.4	14142	19490	1332.0	2014	1.3	0.3	2.3	10/20/2014
DN73	497298.2	476908.0	30	18679.6	15428	26448	2320.4	2017	2.3	0.2	3.1	10/17/2017
DN74	497308.2	476908.0	46	16837.7	14415	19857	1259.0	2017	2.3	0.2	4.0	10/17/2017
DN75	497318.2	476908.0	35	16261.5	14241	18169	978.0	2017	1.6	0.2	3.0	10/17/2017
DN76	497328.2	476908.0	28	17405.5	15040	19192	960.7	2017	2.6	0.3	2.6	10/13/2017
DN77	497338.2	476908.0	25	16936.1	14901	23201	1860.0	2017	2.1	0.3	2.4	10/13/2017
DN78	497348.2	476908.0	21	16286.3	13811	18151	1223.7	2017	2.1	0.3	1.7	10/13/2017
DN79	497358.2	476908.0	27	17096.5	13211	22672	2228.2	2017	4	0.3	2.9	10/17/2017
DN80	497368.2	476908.0	20	16506.0	13700	24572	2854.1	2017	1.9	0.3	1.7	10/13/2017
DO66	497228.2	476918.0	27	16334.3	13876	20174	1474.0	2017	1.2	0.2	2.5	10/17/2017
DO68	497248.2	476918.0	158	16175.4	11643	21780	1688.0	2017	2	0.2	4.5	10/17/2017
DO72	497288.2	476918.0	33	16514.2	14141	19259	1195.6	2017	2.6	0.4	4.2	10/13/2017
DO73	497298.2	476918.0	35	19075.7	15287	22972	1949.3	2014	4.5	0.7	5.8	10/20/2014
DO74	497308.2	476918.0	58	18286.2	14770	24588	1879.7	2017	2.9	0.3	4	10/13/2017
DO75	497318.2	476918.0	23	17646.6	15360	31980	3430.2	2014	1.8	0.4	6.0	10/20/2014
DO76	497328.2	476918.0	18	17244.7	16019	18577	680.6	2014	1.5	0.4	8.0	10/20/2014
DO77	497338.2	476918.0	21	16468.0	14513	19189	1270.3	2017	1.5	0.2	3.2	10/17/2017
DO78	497348.2	476918.0	20	16298.2	13598	19201	1384.0	2017	2.2	0.3	2	10/13/2017
DP72	497288.2	476928.0	37	16332.6	13077	23961	1983.5	2017	1.6	0.2	3.3	10/17/2017
DP73	497298.2	476928.0	56	19415.5	13690	25536	3207.2	2014	3.7	0.6	6.8	10/20/2014
DP74	497308.2	476928.0	51	22915.2	18256	31869	3736.0	2014	5.9	0.5	6.4	10/18/2017
DP75	497318.2	476928.0	23	20026.7	16306	48801	6137.6	2014	3.1	0.4	3.4	10/18/2017
DP76	497328.2	476928.0	21	17516.9	15897	19621	1034.9	2014	1.7	0.4	5.8	1/4/1900
DP77	497338.2	476928.0	25	17944.4	15262	20359	1351.9	2017	2.5	0.4	2.7	10/13/2017
DQ74	497308.2	476938.0	30	17590.1	13175	22313	2170.1	2017	6.8	0.3	3.9	10/17/2017
DQ75	497318.2	476938.0	24	19465.6	15978	24658	2446.5	2014	4.3	2.1	133	10/29/2014
DQ76	497328.2	476938.0	20	19126.4	16621	22305	1583.3	2017	5.6	0.3	4.0	10/17/2017
DQ77	497338.2	476938.0	40	18067.1	15008	21819	1873.8	2017	3.2	0.4	3.3	10/13/2017

DQ78	497348.2	476938.0	26	16447.8	14540	18987	1152.9	2017	2.4	0.2	3	10/17/2017
DQ79	497358.2	476938.0	23	16569.3	14025	19380	1511.8	2017	1.8	0.3	2.5	10/13/2017
DR73	497298.2	476948.0	16	16466.9	13784	20411	1935.8	2014	7.0	0.7	21.5	10/20/2014
DR74	497308.2	476948.0	16	18489.4	14969	25144	3088.8	2017	6.1	0.3	6.6	10/13/2017
DR75	497318.2	476948.0	22	17966.7	14769	19893	1404.6	2017	3.2	0.4	4.8	10/13/2017
DR76	497328.2	476948.0	17	18044.2	15779	21232	1412.1	2017	3.2	0.3	2.9	10/17/2017
DR77	497338.2	476948.0	21	16800.4	14561	19507	1328.8	2017	2.6	0.2	2.7	10/17/2017
DR78	497348.2	476948.0	23	16443.8	14546	20422	1346.0	2017	2	0.2	2.5	10/17/2017
DR79	497358.2	476948.0	22	15949.3	13909	19241	1261.5	2017	2.1	0.3	3.6	10/13/2017
DS65	497218.2	476958.0	43	16045.4	13030	19603	1265.5	2017	1	0.2	2.2	10/25/2017
DS75	497318.2	476958.0	29	17410.4	15474	20133	1296.3	2017	2.4	0.2	3.1	10/17/2017
DS76	497328.2	476958.0	21	16954.4	15121	18858	996.4	2017	2.4	0.4	4.4	10/13/2017
DS77	497338.2	476958.0	18	16087.2	13725	22720	2380.0	2017	1.8	0.3	3.7	10/13/2017
DT72	497288.2	476968.0	17	17961.0	13976	29350	3776.0	2017	2.8	0.2	3.3	10/17/2017
DT76	497328.2	476968.0	22	16021.2	13751	17422	965.0	2017	1.7	0.3	4.3	10/13/2017
DT77	497338.2	476968.0	19	16467.1	14495	18708	1049.5	2017	2.1	0.3	2.8	10/13/2017
DU70	497268.2	476978.0	28	16668.7	15322	17776	692.9	2017	2.5	0.2	3.4	10/17/2017
DU72	497288.2	476978.0	25	15915.7	12797	19476	1857.7	2017	2.4	0.2	2.7	10/17/2017
DV67	497238.2	476988.0	63	16920.2	13402	22967	2288.6	2017	2.2	0.2	5.9	10/17/2017
DV68	497248.2	476988.0	60	16994.6	14133	21357	1585.9	2017	2.4	0.2	2.9	10/17/2017
DV78	497348.2	476988.0	21	16058.2	14245	20354	1342.3	2017	1.5	0.2	2.7	10/17/2017
DW66	497228.2	476998.0	109	16880.3	12821	22594	2038.6	2017	2.3	0.2	4.6	10/17/2017
DW67	497238.2	476998.0	125	17892.3	14189	22571	2014.5	2017	1.9	0.2	4.0	10/17/2017
DW77	497338.2	476998.0	15	16131.7	14545	18729	1297.2	2014	1.7	0.4	1.7	10/29/2014
DW78	497348.2	476998.0	24	16173.8	13146	23334	2607.2	2017	1.8	0.2	2.0	10/17/2017
DX63	497198.2	477008.0	68	15985.3	13185	19828	1415.8	2017	0.8	0.2	1.8	10/17/2017
DX66	497228.2	477008.0	98	17267.5	13680	23177	2019.6	2017	3.5	0.3	5.4	10/17/2017
DX77	497338.2	477008.0	17	16817.5	13655	24583	2518.3	2017	1.8	0.2	1.9	10/17/2017
DZ65	497218.2	477028.0	78	16766.0	13604	22295	1764.2	2017	1.9	0.2	2.9	10/17/2017
EB64	497208.2	477048.0	82	16172.7	12651	20536	1555.9	2017	1.1	0.2	1.5	10/25/2017
EB77	497338.2	477048.0	17	16554.1	14799	19158	1167.6	2017	2.3	0.2	3.5	10/17/2017
EC63	497198.2	477058.0	88	16085.8	13102	19035	1332.3	2017	1.3	0.2	1.7	10/17/2017