

COMMODITY INSPECTION REPORT		CHECK <input checked="" type="checkbox"/> RELOCATION	<input type="checkbox"/> PROCUREMENT																												
CONTRACT NO. GS-00-DS-(S)-43102	COMMODITY Zirconium. (baddeleyite Ore)	PROGRAM DNS	INSPECTION REPORT NO. 1 (FINAL)																												
RELEASE OR S/ I NO. 1 -F	LOT NUMBER N/A	REGION NO. DLA/DNSC Zone-2	DATE OF INSPECTION 18 July - 14 Sept 1988																												
PURCHASER OR CONTRACTOR PHIBRO		ADDRESS 1221 Ave of Americas New York, New York																													
CONSIGNEE OR PURCHASER OR CONTRACTOR DLA/DNSC New Haven Depot		ADDRESS New Haven, IN 46774																													
PERSON CONTACTED (NAME & TITLE) Mr. Frederic W. Brooks, Depot Manager		LOCATION OF MATERIAL INSPECTED New Haven Depot New Haven, IN 46774																													
INSPECTION, SAMPLING AND ANALYSIS		DESCRIPTION OF PACKAGING (INCLUDE TYPE OF CONVEYANCE)																													
<table border="1"> <thead> <tr> <th colspan="2">SAMPLES TAKEN (✓)</th> <th colspan="2">ANALYSIS (✓)</th> </tr> </thead> <tbody> <tr> <td>BY CONTRACT SAMPLER/ ANALYST</td> <td></td> <td>BY PURCHASER OR CONTRACTOR</td> <td></td> </tr> <tr> <td>BY INSPECTOR</td> <td>X</td> <td>BY GOVERNMENT'S ANALYST</td> <td></td> </tr> <tr> <td>WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO</td> <td></td> <td>WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO</td> <td></td> </tr> <tr> <td>OTHER</td> <td></td> <td>TYPES OF ANALYSES</td> <td>NO. UNITS</td> </tr> <tr> <td></td> <td></td> <td></td> <td>PER</td> </tr> <tr> <td></td> <td></td> <td></td> <td>PER</td> </tr> </tbody> </table>		SAMPLES TAKEN (✓)		ANALYSIS (✓)		BY CONTRACT SAMPLER/ ANALYST		BY PURCHASER OR CONTRACTOR		BY INSPECTOR	X	BY GOVERNMENT'S ANALYST		WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO		WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO		OTHER		TYPES OF ANALYSES	NO. UNITS				PER				PER	Zirconium (baddeleyite) Bulk Material Original GSA-Form 46 Card Information	
SAMPLES TAKEN (✓)		ANALYSIS (✓)																													
BY CONTRACT SAMPLER/ ANALYST		BY PURCHASER OR CONTRACTOR																													
BY INSPECTOR	X	BY GOVERNMENT'S ANALYST																													
WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO		WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO																													
OTHER		TYPES OF ANALYSES	NO. UNITS																												
			PER																												
			PER																												
		New Haven Depot===== 15,627,113 LBS																													
		DCSC Columbus, Ohio===== 14,247,684 "																													
		GSA/FPRS Jeffersonville, IN=== 2,106,605 "																													
		31,981,402 LBS																													
		15,990.70 SWT																													
INSPECTION		IDENTITY OF SAMPLE																													
VISUAL	100 %	FORWARDING DATE																													
DIMENSIONAL	%	SAMPLE NO.																													
FOR MARKING	%	LOT NO.																													
DISTRIBUTION OF SAMPLES (GIVE COMPLETE ADDRESS)																															
1. _____ 2. _____ 3. _____																															

DESCRIBE METHOD OF INSPECTION, SAMPLING AND/ OR SAMPLE PREPARATION (USE ATTACHED SHEETS, IF NECESSARY)

Sub-Contractors: Dart Service Company - Outloading Operation
Jack Gray Transport Company - Transportation of Material

All trucks were decontaminated at dumping site, radiation monitoring was performed and all trucks were found to be below background level and released to normal service.

See Attached Receiving Reports.

ITEM OR LOT NO.	QUANTITY SAMPLED	QUANTITY ACCEPTED OR SOLD	QUANTITY REJECTED	APPROXIMATE VALUE QUANTITY REJECTED	DESCRIPTION OF MATERIAL
373 Tractor/Trailers Of(Ore)			16,255,880 LBS 8127.94 SWT		Zirconium (baddeleyite) Distribution Orig. & ICC-DNI
85 Tractor/Trailers Of(Base Material)			1,624,626 LBS 812.31 SWT		ICC-DNI-5 ICC-DNO-5 ICC-DNO-5-NH ICC-DNI-5-NH ICC-DNI-5-WA

REASON FOR REJECTION	
INSPECTOR (SIGNATURE) <i>Clarence McDaniel</i> Clarence McDaniel, Quality Assurance Specialist	DATE 30 Sept 1988

Contract # GS-00-DS-(S)-43102
 Zirconium (baddeleyite) Relocation Project
 Report # 1 Final

New Haven Depot
 Pile # 111 Open Area 7-A Type "C" Storage Pad Base
 Height Of Pile 25'
 Width Of Pile 60'
 Length Of Pile 285'

*** Original GSA form 46 Card Information ***

Relocated from pile # 3, 6, 7, and 8 DCSC Columbus, Ohio	14,247,684	LBS
Relocated from Pile # 1 GSA/FPRS Jeffersonville, IN	2,106,605	LBS
Material In Pile # 111 Located @ New Haven Depot	15,627,113	LBS
	<hr/>	
	31,981,402	LBS
	15,990.70	SWT

The Zirconium (baddeleyite) material was dumped by the trucking company at base of pile and high piled by depot personnel with the use of a 1-1/2 yard bucket hydraulic excavator.

The base material (contaminated) was high piled in a separate pile adjacent to pile # 111, this material is almost entirely stone and dirt(soil).

Zirconium From DCSC Columbus, OH
 Pile # 3, 6, 7 and 8

Receiving Report # 19345, 19346, 19347 and 19348		
Date Received 18 July - 9 Aug 88 (Ore)	15,135,030	LBS
Contaminated Base 9 Aug - 17 Aug & 14 Sept 88	887,346	LBS
Total Trucks of (ORE) Received -----	327 Trucks	
Total Trucks of (Base Material) -----	69 Trucks	

Zirconium From GSA/FPRS Depot Jeffersonville, IN
 Pile # 1

Receiving Report # 19349 Dated 19 Sept 88		
Received dates 31 Aug - 7 Sept 88 (Ore)	1,120,850	LBS
Contaminated Base Material		
Received dates 30 - 31 Aug and 7 and 8 Sept 88	737,280	LBS
Total Trucks of (Ore) -----	46 Trucks	
Total Trucks of (Base) -----	16 Trucks	

See attached receiving reports

RECEIVING REPORT

(Read INSTRUCTIONS on reverse before completing form.)

NUMBERS

DEPOT IDENTIFICATION

DATE RECEIVED
31 August, 1988 -
7 September, 1988

RECEIVED BY DLA DNSC NEW HAVEN DEPOT
NEW HAVEN, IN 46774

CONTRACT
GS-00-DS-(S)-43102

RECEIVED FROM (Consignor)
GSA/FPRS/Jeffersonville Site
Jeffersonville, Indiana

NSP
REPORT
19349

GOVERNMENT B/L NO.

COMMERCIAL B/L NO.
1-Final Release

CAR NO.

SEAL NO.

DELIVERED BY
Jack Gray Transport

MATERIALS RECEIVED

PACKAGES NUMBER AND TYPE	LOT OR CODE NUMBER	DESCRIPTION (Show grade where available)	WEIGHTS			
			GROSS	TARE	NET	
Bulk	Pile 1	ZIRCONIUM (BADDELEYITE ORE) Trucks Numbered 1 - 46 UNLOADED BY DEPOT PERSONNEL Weight Certificate reflects truck number, net, gross, tare weight.	3,608,825	1,487,975	2,120,850	
Weight of record (GSA-Form 46) Jeffersonville Site, Jeffersonville, IN =					2,106,605	
The difference of weight is contributed to approximately 6% moisture content.						
New Haven Depot will reflect weight of record - - - - -					2,106,605	
46 Truck Loads			TOTAL	3,608,825	1,487,975	2,120,850

REPORT ANY ASTRAY, DAMAGE, OVERAGE, OR SHORTAGE ON STANDARD FORM 361, DISCREPANCY IN SHIPMENT REPORT

CERTIFICATION

I certify that the articles listed on this report have been received at this depot for storage; a copy of this report has been retained as a permanent record.

Mail original and three copies of this report to:

GENERAL SERVICES ADMINISTRATION (BCCS)
WASHINGTON, DC 20407

SIGNATURE

Fred W. Brooks
FREDERIC W. BROOKS

TITLE

DEPOT MANAGER

DATE

19 Sep 88

RECEIVING REPORT

(Read INSTRUCTIONS on reverse before completing form.)

NUMBERS

DATE RECEIVED 8 - 9 Aug 88		RECEIVED BY DLA DNSC NEW HAVEN DEPOT NEW HAVEN, IN 46774		DEPOT IDENTIFICATION	
RECEIVED FROM (Consignor) Defense Construction Supply Center Depot Columbus, OH 43213				CONTRACT GS-00-DS-(S)-43102	
				NSP	
				REPORT 19348	
GOVERNMENT B/L NO.		COMMERCIAL B/L NO. 1-Final Release	CAR NO.	SEAL NO.	DELIVERED BY Jack Gray Transport

MATERIALS RECEIVED

PACKAGES, NUMBER AND TYPE	LOT OR CODE NUMBER	DESCRIPTION (Show grade where available)	WEIGHTS		
			GROSS	TARE	NET
Bulk	Pile 7A	ZIRCONIUM (BADDELEYITE ORE) Truck Loads Numbered 288-327 UNLOADED BY DEPOT PERSONNEL Weight Certificate reflects truck number, net, gross, tare weight.	3,133,720	1,278,160	1,855,560

Note: Total weight of four receiving reports, 19345, 19346, 19347 and 19348 = 15,135,030 lbs.
 Weight of record (GSA-Form 46) Defense Construction Supply Center Columbus, OH = 14,247,684 lbs.
 The difference of weight is contributed to error with scales and comingling of Zirconium (Baddeleyite Ore) with gravel and other debris and moisture content. = 887,346 lbs.
 New Haven Depot will reflect weight of record.

40 Truck Loads

TOTAL 3,133,720 1,278,160 1,855,560

REPORT ANY ASTRAY, DAMAGE, OVERAGE, OR SHORTAGE ON STANDARD FORM 361, DISCREPANCY IN SHIPMENT REPORT

CERTIFICATION

I certify that the articles listed on this report have been received at this depot for storage; a copy of this report has been retained as a permanent record.

Mail original and three copies of this report to:

SIGNATURE

FREDERIC W. BROOKS

GENERAL SERVICES ADMINISTRATION (BCCS)
WASHINGTON, DC 20407

TITLE

DEPOT MANAGER

DATE

23 AUG 88

RECEIVING REPORT

(Read INSTRUCTIONS on reverse before completing form.)

NUMBERS

DATE RECEIVED 25 - 29 July 1988	RECEIVED BY DLA DNSC New Haven Depot New Haven, IN 46774	DEPOT IDENTIFICATION GS-00-DS-(S)-43102
RECEIVED FROM (Consignor) Defense Construction Supply Center Columbus, OH 43213		NSP
GOVERNMENT B/L NO.		REPORT 19346
COMMERCIAL B/L NO. 1-Final Release	CAR NO.	SEAL NO. DELIVERED BY Jack Gray Transport

MATERIALS RECEIVED

PACKAGES, NUMBER AND TYPE	LOT OR CODE NUMBER	DESCRIPTION <i>(Show grade where available)</i>	WEIGHTS		
			GROSS	TARE	NET
Bulk	Pile 7A	ZIRCONIUM (BADDELEYITE ORE) Truck Loads Numbered 69-176	8,479,340	3,445,870	5,033,470
UNLOADED BY DEPOT PERSONNEL Weight Certificate reflects truck number, net, gross, tare weight					
TOTAL			8,479,340	3,445,870	5,033,470

108 Truck Loads

REPORT ANY ASTRAY, DAMAGE, OVERAGE, OR SHORTAGE ON STANDARD FORM 361. DISCREPANCY IN SHIPMENT REPORT

Mail original and three copies of this report to:

GENERAL SERVICES ADMINISTRATION (BCCS)
WASHINGTON, DC 20407

CERTIFICATION

I certify that the articles listed on this report have been received at this depot for storage; a copy of this report has been retained as a permanent record.

SIGNATURE
FREDERIC W. BROOKS

TITLE
Depot Manager

DATE
9 Aug 88

COMMODITY INSPECTION REPORT

CHECK

SALES RELOCATION

PROCUREMENT

CONTRACT NO. GS-00-DS-S-43102	COMMODITY zirconium baddeleyite ore	PROGRAM DNS	INSPECTION REPORT NO. 1 Jeffersonville
RELEASE OR S/ I NO.	LOT NUMBER n/a	REGION NO. DLA/DNSC Zone 2	DATE OF INSPECTION 8/30 to 9/8/88
PURCHASER OR CONTRACTOR see below		ADDRESS	
CONSIGNEE OR SUBCONTRACTOR DLA/DNSC New Haven Depot		ADDRESS State Hwy 14, 3 miles east	
PERSON CONTACTED (NAME & TITLE)		LOCATION OF MATERIAL INSPECTED New Haven, IN 46774	

INSPECTION, SAMPLING AND ANALYSIS

SAMPLES TAKEN (✓)		ANALYSIS (✓)	
BY CONTRACT SAMPLER/ ANALYST		BY PURCHASER OR CONTRACTOR	
BY INSPECTOR		BY GOVERNMENT'S ANALYST	
WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO		WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO	
OTHER		TYPES OF ANALYSES	NO. UNITS
			PER
			PER
INSPECTION		IDENTITY OF SAMPLE	
VISUAL	%	FORWARDING DATE	
DIMENSIONAL	%	SAMPLE NO.	
FOR MARKING	%	LOT NO.	

DESCRIPTION OF PACKAGING (INCLUDE TYPE OF CONVEYANCE)
 material was contained in bulk ore form, stored on improved gravel base. Outloading was by front end loader into clean tractor/trailer units for transport.

DISTRIBUTION OF SAMPLES (GIVE COMPLETE ADDRESS)


1. _____ 2. _____ 3. _____

DESCRIBE METHOD OF INSPECTION, SAMPLING AND/ OR SAMPLE PREPARATION (USE ATTACHED SHEETS, IF NECESSARY)

See attachment.

ITEM OR QUANTITY	QUANTITY	QUANTITY	QUANTITY	APPROXIMATE	DESCRIPTION OF MATERIAL
OR	OR	OR	OR	OR	
46 loads of ore	- 1060.425 swt				zirconium (baddeleyite) ore and cleanup material in bulk form. O & lcc - DNI lcc - DNI-5 lcc - DNO-5 lcc - DNO-5NH lcc - DNI-5NH lcc - DNI-5WA
16 loads of cleanup	368.6375swt				

REASON FOR REJECTION

INSPECTOR (SIGNATURE)

 Clifford E. Hineman, QAS

DATE
 9/12/88

Attachment to GSR Form 299
Zirconium ore (baddeleyite)
Jeffersonville, IN
Report # 1, dtd 9/9/88

One (1) Pile of zirconium ore was stored at the Jeffersonville, IN storage site. A Project was setup to relocate the material, Pile # 1, to the DLR storage site at New Haven, IN.

The material was stored on a gravel base outdoors and contained by rail road ties stacked two (2) high around the Perimeter of the Pile. The Pile was also contained within a four (4) foot high chain link fence and the entire storage area was further contained within a eight (8) foot chain link fence.

Heavy vegetation had grown on the Pile and surrounding area Prior to this Project. This was removed by Personnel from the Sharonville, OH depot. As the four (4) foot fence was at the Pile base and had no gate, it was also removed for access. The eight (8) foot fence had a truck gate and was located far enough from the Pile so that it was not a Problem.

Material was loaded into clean tractor/trailer units by a frontend loader. All trucks were tare weighed at a scale owned and operated by B & G Enterprises, Inc. The trucks were supplied by Gray Trucking, Inc. and the front end loader and operator were supplied by INT, Inc. Trucks and loader/loader operator were the same as the DCSC Columbus, Ohio zirconium relocation Project.

After loading, the trucks were gross weighed to determine the net weight. No Problems were encountered during outloading.

Approximately 200 swt of Previous cleanup material was stored adjacent to this Pile. This material was shipped first to make access to the Pile easier. This is the reason for the large amount of cleanup from this Project. No Problems were encountered during the cleanup. Radiological monitoring during and after the loading was accomplished using a Kufelfischer Model 5-8002 sn 308-687. The Pile base was sectioned into 12 equal areas of about 17' by 14'. Each area had three holes dug by hand to about 10" deep. Approximately 12 oz. of material was then removed and bagged from each hole. This material (about 2 lbs Per area) was then marked with location, type of material, site where collected, and date. These 12 samples were sent to the Sharonville Depot for forwarding to Oak Ridge, TN.

Each area was also monitored for radiation level after cleanup. Due to the very low levels, three readings per area were made at 30 second intervals. After several background readings from nearby were made, the average background level was determined to be about 17.07 uR/H. As can be seen on the attached Plot, the highest reading found on the old Pile base was 24.1 uR/H.

The grid markings were left on site until it has been determined that they are no longer needed.

Summary of outloading:

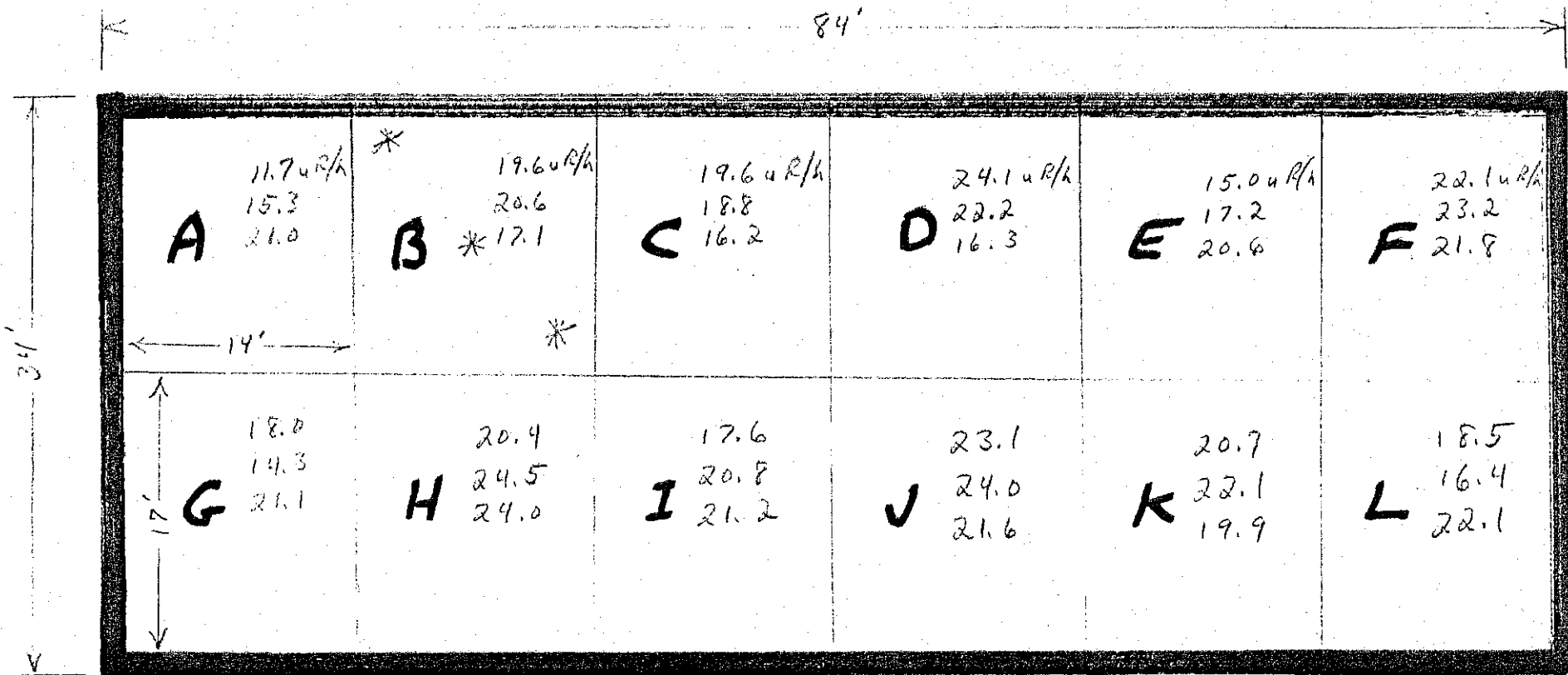
DATE	TRUCKS	SWT	MATERIAL
8/30	7	158.925	cleanup
8/31	2	44.450	cleanup
	8	186.825	ore
9/1	15	348.7625	ore
9/2	12	277.775	ore
	8	185.275	ore
9/6	3	67.7875	ore
9/7	4	92.800	cleanup
9/8	3	72.4625	cleanup

TOTALS:

46 loads of ore	-	1068.425	swt
16 loads of cleanup	-	368.6375	swt
62 loads total	-	1429.0625	swt

ALL MATERIAL HAS BEEN RELOCATED.

Clifford E. Hineman, QAS



* = SAMPLE AREAS, ALL GRIDS SAMPLED SAME PATTERN.
 EACH SAMPLE IS 2LB COMPOSITE OF 3 SAMPLE HOLES PER GRID,

3 READINGS SHOWN PER GRID IN uR/h. EACH READING AT 30 sec. INT.

KUELFISCHER MODEL 5-0002 SN 308-687 USED, (AVG. BACKGROUND = 17.07 uR/h)

PILE #1, ZIRCONIUM ORE Jeffersonville, IN 9/8/88

C. HINEMAN, QAS

COMMODITY INSPECTION REPORT		CHECK <input type="checkbox"/> SALES "RELOCATION" <input type="checkbox"/> PROCUREMENT	
CONTRACT NO. GS-00-DS-(S)-43102	COMMODITY Zirconium (baddeleyite) ore	PROGRAM NDS	INSPECTION REPORT NO. # 2
RELEASE OR S/ I NO. 1F	LOT NUMBER	REGION NO. DLA/DNSC/Zone 2	DATE OF INSPECTION 25-29 Jul 88
PURCHASER OR CONTRACTOR see below		ADDRESS	
CONSIGNEE OR SUBCONTRACTOR (CASAD) DLA/DNSC New Haven Consolidated Station		ADDRESS State Hwy 14, 3 miles East New Haven, Indiana 46774	
PERSON CONTACTED (NAME & TITLE)		LOCATION OF MATERIAL INSPECTED DCSC Columbus, OH	
INSPECTION, SAMPLING AND ANALYSIS		DESCRIPTION OF PACKAGING (INCLUDE TYPE OF CONVEYANCE)	
SAMPLES TAKEN (✓)		material in bulk form, zirconium (baddeleyite) ore, type B, outloaded by frontend loader into tractor/trailers	
BY CONTRACT SAMPLER/ ANALYST	ANALYSIS (✓)		
BY INSPECTOR	BY PURCHASER OR CONTRACTOR		
WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO	BY GOVERNMENT'S ANALYST		
WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO	OTHER		
TYPES OF ANALYSES NO. UNITS			
		PER	
		PER	
INSPECTION		IDENTITY OF SAMPLE	
VISUAL	%	FORWARDING DATE	
DIMENSIONAL	%	SAMPLE NO.	
FOR MARKING	%	LOT NO.	
DISTRIBUTION OF SAMPLES (GIVE COMPLETE ADDRESS)			
1. _____ 2. _____ 3. _____			

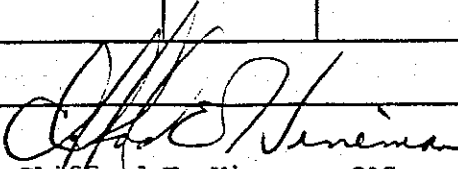
DESCRIBE METHOD OF INSPECTION, SAMPLING AND/ OR SAMPLE PREPARATION (USE ATTACHED SHEETS, IF NECESSARY)

CONTRACTOR:

Dart Service Company - outloading operations
Jack Grey Transport, Inc. - transporter of material

see page two for this week (2) of operation.

RECEIVED
 1100 AUG -5 AM 8 24
 SA-CASAD DEPT
 W/HAVER IN 46774

ITEM OR LOT NO.	QUANTITY SAMPLED	QUANTITY ACCEPTED OR SOLD	QUANTITY REJECTED	APPROXIMATE VALUE QUANTITY REJECTED	DESCRIPTION OF MATERIAL
97 tractor/trailer loads 2,234.505 swt					zirconium (baddeleyite) ore in bulk form, type B O & lcc - DNI lcc - DNI-5 lcc - DNO-5 lcc - DNO-5-NH ✓ lcc - DNI-5-WA lcc - DNI-5-NH
REASON FOR REJECTION					
INSPECTOR (SIGNATURE)  Clifford E. Hineman, QAS					DATE 8/1/88

Commodity Inspection Report # 2, Attachment

Zirconium (baddeleyite) ore
Contract # GS-00-DS-(S)-43102
Defense Construction Supply Center (DCSC) Columbus, Ohio

to Defense Logistic Agency (DLA)
Defense National Stockpile Center (DNSC)
Consolidated Station Property
New Haven, Indiana

Outloading the bulk ore began 18 July 1988. This report covers the period 25 July thru 29 July, 1988.

During this period 97 tractor/trailer loads were shipped in tarped dump trailers. All trucks and operators and well as the loader and operator were the same as the previous week. The trailers are exclusive use during this project.

Only spot monitoring of the pile and trucks was performed this week due to the very low readings obtained the previous week. Readings remain approximately 2.5 mr on contact with the pile material (varies slightly lower or higher depending on location). Contact with the loaded trailer gives readings of 0.1 mr and levels within the cab were at background level or so close as to make any accurate reading difficult.

Each trailer was placarded with 5.5 inch by 10 inch placards reading "RADIOACTIVE LSA" on each side of the trailer.

Tractor/trailers are light/heavy weighed to determine net weights and tarped prior to departure.

Weather during this period was calm, dry, and hot. Weather was not a factor during this week. Material remained moist from previous weeks rain. This prevented dust during outloading. If needed, a fire hydrant adjacent to the pile was equipped with a hose, nozzle, and wrench to spray pile for dust control.

Changes from previous week include:

a) it was discovered that several sections of the piles at some time were bermed with 6 X 6 timbers with some timbers connected with 10 foot sections of 1/2 in steel cable. Most timbers were badly decayed but caused large pieces of wood to be mixed with the ore. Careful loading along with considerable hand picking was used to limit the trash shipped with the ore.

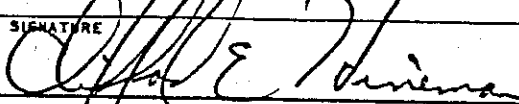
b) a lightning strike near the truck scale on 21 July shut off power to the truck scale. Power was not restored until 10:00 am 22 July. During the morning of 22 July, trucks were weighed on the scale at the steam station at DCSC located approximately 1/2 mile from the normal Yearly Road scale used for this project..

NOTIFICATION OF SCALE INSPECTION		1. STORAGE FACILITY DCSC Columbus, OH	
2. REGION NO. Zone 2	3. SERIAL NO. 1	4. DATE OF LAST INSPECTION n/a	5. DATE OF THIS INSPECTION 7/28/88
6. SCALE NO. Yearling Road	7. NAME OF MANUFACTURER Toledo Scale		8. MODEL NO. n/a
9. CAPACITY 100,000 lbs	10. MINIMUM GRADUATION 10 lb	11. TYPE (Track, truck, portable, etc.) truck	12. WEIGHT INDICATED BY <input type="checkbox"/> a. BEAM <input checked="" type="checkbox"/> b. DIAL digital
13. PLACEMENT <input checked="" type="checkbox"/> a. PERMANENT <input type="checkbox"/> b. TEMPORARY		14. SCALE IS <input checked="" type="checkbox"/> a. COVERED <input type="checkbox"/> b. OPEN	15. EQUIPPED WITH WEIGHT RECORDING DEVICE <input checked="" type="checkbox"/> a. YES <input type="checkbox"/> b. NO
16. WEIGHING PERFORMED BY AN OFFICIALLY-DESIGNATED WEIGHMAN <input checked="" type="checkbox"/> a. YES <input type="checkbox"/> b. NO (If "No," indicate below how weighing responsibility is assigned)			
17. SCALE MAINTAINED BY <input type="checkbox"/> a. REGULAR DEPOT SCALE MECHANIC <input checked="" type="checkbox"/> b. OUTSIDE SCALE SERVICE		18. MAINTENANCE SCHEDULING <input checked="" type="checkbox"/> a. REGULAR MAINTENANCE SCHEDULE <input type="checkbox"/> b. NO REGULAR MAINTENANCE SCHEDULE	
19. SCALE TESTED AND CERTIFIED <input checked="" type="checkbox"/> a. YES (If "Yes," enter below name of representative and at what intervals) <input type="checkbox"/> b. NO Brechtbuhler Scales, Inc., Columbus, OH every 3 months			
20. APPROVED TEST WEIGHTS ARE AVAILABLE AT STORAGE FACILITY <input type="checkbox"/> a. YES (If "Yes," inspector should test scales for accuracy) <input checked="" type="checkbox"/> b. NO (If "No," inspector should improvise test weights at first opportunity immediately after scales have been tested and certified by a scale company representative or weights and measures inspector)			
21. SCALES WERE TESTED AND FOUND TO BE <input checked="" type="checkbox"/> a. ACCURATE <input type="checkbox"/> b. INACCURATE (If inaccurate, indicate below the degree of inaccuracy) scales service= this date, weights delevered and used by firm listed in item 19 above.			
22. PORTABLE SCALE (If portable type scale, answer the following) a. SUITABLE STEEL BASE PLATE (1/2" min. thickness), OR CONCRETE PAD, ETC., PROVIDED AND USE IN SETTING UP SCALE AT EACH WEIGHING SITE <input type="checkbox"/> (1) YES <input type="checkbox"/> (2) NO b. SCALE LEVELLED, BALANCED AND CHECKED FOR ACCURACY AFTER EACH MOVE AND PRIOR TO EACH USE <input type="checkbox"/> (1) YES <input type="checkbox"/> (2) NO			
23. IN INSPECTOR'S OPINION, SCALE IS SUITABLE FOR USE <input checked="" type="checkbox"/> a. YES <input type="checkbox"/> b. NO (If "No," give reasons below in item 24)			
24. REMARKS AND RECOMMENDATIONS			

Scale used daily by DCSC for trucks using the center. Scale is currently being used for shipment of zirconium ore by DLA/DNSC personnel.

Platform 10 X 60 feet. Scale is equipped with printer and digital readout.

O & lcc - DNI
lcc - DNI-5
lcc - DNO-5
lcc - DNO-5NH ✓
lcc - DNI-5WA

25. NAME OF INSPECTOR (Type or print) Clifford E. Hineman, QAS	26. SIGNATURE 	27. DATE 8/1/88
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BRECHBUHLER SCALES, INC.
 Canton • Cleveland • Columbus
 Cincinnati • Mansfield • Parkersburg, W.Va.
 SALES — RENTALS — LEASING
 24 Hour Service — Periodic Inspection
 4070 Perimeter Drive
 COLUMBUS, OHIO 43228
 Phone (614) 274-9009

SCALE INSPECTION REPORT **B** 3442 **S**

For: DCSSC
Col Ohio
 P.O. # _____ Date: 7-28-88

Test weights used are traceable to U.S. Government Standards

Location: Yeilding Rd
 Scale Mfg.: Toledo
 Capacity: 100,000
 Sections: 24 Sec. Cap.: 25T
 Platform Size: 10x60
 Platform Type: Steel
 Scale S/N: _____
 Indicator Type: Electric Scale
 I. S/N: 19748
 Counter Type: Fargo
 Counter S/N: 003642
 Counter Components: Key Board

Work performed & Remarks:

adjusted sections & calibrated scale to specs.

SECTIONAL TEST

Before Adjustment:

Sec. 1 Sec. 2 Sec. 3 Sec. 4 Sec. 5
21980 21980 21920 21920 /

After Adjustment:

Sec. 1 Sec. 2 Sec. 3 Sec. 4 Sec. 5
21920 21920 21900 21900 /

GENERAL CONDITION

OK Levers OK to parts
OK Stands OK
OK Pivots ✓
OK Bearings ✓
OK to parts Crossmembers OK

DIGITAL INDICATOR

Comments: Scale opt OK

BEAM

Comments: _____

DIAL

Comments: _____

PRINTER

Comments: Printer is operating good.

Pan or Build-up	Test Weight	Material Build-up	Indicator Reading	Error	Printed Reading	Error	Error Corrected
	6000		7200	1200	7200		yes
	0		1700	1700	OK		yes
	6000		6060	+60	6060		yes
	0		0	-0	OK		—
	6000		6000	-0	OK		—
	8000		8000	-0	OK		—
	10000		10000	-0	OK		—
	12000		12000	-0	OK		—
	14000		14000	-0	OK		—
	0		0	-0	OK		—

Inspecting Official: _____

Jurisdiction: _____

Approved Condemned

Company: DCSSC

Mechanic: Don V. [Signature]

Accepted by: [Signature]



RELOCATION

COMMODITY INSPECTION REPORT		CHECK <input type="checkbox"/> SALES "RELOCATION" <input type="checkbox"/> PROCUREMENT	
CONTRACT NO. GS-00-DS-(s)-43102	COMMODITY Zirconium (Baddeleyite) Ore	PROGRAM NDS	INSPECTION REPORT NO. #1
RELEASE OR S/ I NO. 1F	LOT NUMBER	REGION NO. DLA/DNSC/ZONE 2	DATE OF INSPECTION 18 - 22 Jul 88
PURCHASER OR CONTRACTOR See Below		ADDRESS	
CONSIGNEE OR SUBCONTRACTOR (CASAD) DLA/DNSC New Haven Consolidated Station		ADDRESS State Hwy 14, 3 miles East New Haven, Indiana 46774	
PERSON CONTACTED (NAME & TITLE)		LOCATION OF MATERIAL INSPECTED DCSC, Columbus, Ohio	
INSPECTION, SAMPLING AND ANALYSIS		DESCRIPTION OF PACKAGING (INCLUDE TYPE OF CONVEYANCE)	
SAMPLES TAKEN (✓)		ANALYSIS (✓)	
BY CONTRACT SAMPLER/ ANALYST	BY PURCHASER OR CONTRACTOR	Material in bulk form, zirconium (baddeleyite ore, type B, was outloaded by frontend loader into semi-dumps. RR # 19345	
BY INSPECTOR	BY GOVERNMENT'S ANALYST		
WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO	WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO		
OTHER	TYPES OF ANALYSES NO. UNITS		
		PER	
		PER	
INSPECTION		IDENTITY OF SAMPLE	
VISUAL	100 %	FORWARDING DATE	
DIMENSIONAL	%	SAMPLE NO.	
FOR MARKING	%	LOT NO.	
DISTRIBUTION OF SAMPLES (GIVE COMPLETE ADDRESS)			
1. _____ 2. _____ 3. _____			

DESCRIBE METHOD OF INSPECTION, SAMPLING AND/ OR SAMPLE PREPARATION (USE ATTACHED SHEETS, IF NECESSARY)

CONTRACTOR:

Dart Service Company - outloading operations
Jack Gray Transport, Incorporated - Transporter of material

See attachment for first week operation.

ITEM OR LOT NO.	QUANTITY SAMPLED	QUANTITY ACCEPTED OR SOLD	QUANTITY REJECTED	APPROXIMATE VALUE QUANTITY REJECTED	DESCRIPTION OF MATERIAL
68 - semi-dumps 1,518.87 swt					Zirconium (Baddeleyite) Ore in bulk form, Type B 041CC-DNI 1CC-DNI-54 1CC-DNO-5 1CC-DNO-5-N1

REASON FOR REJECTION

INSPECTOR (SIGNATURE)

HARRY J. SZCZEPANSKI
Chief, Quality Assurance Branch, Zone 2

DATE

7/25/88

Commodity Inspection Report #1, Attachment

Zirconium (Baddeleyite) Ore
Contract #GS-00-DS-(s)-43102
Defense Construction Supply Center (DCSC) Columbus, Ohio
to Defense Logistic Agency (DLA)
Defense National Stockpile Center (DNSC)
Consolidated Station Property
New Haven, Indiana

Operation of outloading the bulk zirconium (baddeleyite) ore began 18 July 1988.

Dart Service Company, contracted by Philbro, New York, New York, provided the operator and payloader for the outloading operation.

Jack Gray Transport, Incorporated, Gary, Indiana, contracted by Philbro, New York, New York, provided the semi-dumps.

The first day of operation only seven (7) semi-dump vehicles were received. Being this, the first day of outloading we wanted to go slow in our operations to minimize any unanticipated glitches. There after, for the balance of the week, 15 vehicles were to be provided for each day of outloading.

Prior to outloading, each vehicle was placarded in accordance with 49 CFR regulations. The placards used were 5½ x 10" bearing the words "Radioactive LSA" in black on a yellow background.

The truck scale was located approximately 150 yards from the outloading operation at DCSC. The scale is calibrated and weights are recorded on a scale ticket. In addition, the weights are recorded automatically in a computer. All trucks were light and heavy weighed.

After scaling of the vehicle, the drivers pull-off to the parking area and tarp down their vehicles. At this point, the vehicles are surveyed with a E-120 survey meter. The readings obtained at the sides were consistant at 0.1 mr/hr and in the cab 0.06 to 0.08 mr/hr. The variation in the cab was due to the length, away from the trailer, which varied.

The straight bill of lading issued to all drivers was made up in accordance with 49 CFR regulations which also included "Exclusive Use Transportation Vehicle". The driver signed off accepting the load and proceeded on his way.

The first week operations a total of 68 semi-trucks were loaded for a total of 1,518.87 swt of bulk ore shipped to the New Haven (CASAD) Consolidated Station, New Haven, Indiana.

Zirconium Ore Relocation
 from Jeffersonville, In
 to New Haven, In
 Contract GS-00-DS (S) 43102

to	Material	No. Trucks	Net Wt	Subtotal
Aug 88	base pile	7	317,850 [#]	317,850 [#]
Aug 88	base pile	2	88,900 [#]	<u>406,750[#]</u>
Aug 88	ore	8	361,650 [#]	
Sep 88	ore	15	697,525 [#]	
Sep 88	ore	12	555,550 [#]	
Sep 88	ore	8	370,550 [#]	
Sep 88	ore	3	135,575 [#]	<u>* 2,120,850[#]</u>

* Total of ore only 46 trucks

Sep 88	Cleanup	4	185,600 ^{**}	<u><u>592,350[#]</u></u>
--------	---------	---	-----------------------	-----------------------------------

** Total of base pile & cleanup 13 trucks

40
111
108
68

327 Truck.

9 Aug Salaries forwarded = 327 trucks ore = 15,135,830 ^{7567.51}
5 trucks cleanup = 239,500

Week 4 Cleanup Only below?

<u>Date</u>	<u>Trucks</u>	<u>Net wt.</u>	<u>Total wt.</u>
9 Aug	5	239,500	239,500
10 Aug	subtotal = $\frac{21}{26}$	989,840	1,229,340
11 Aug	subtotal = $\frac{17}{43}$	785,180	2,014,520
12 Aug	subtotal = $\frac{10}{53}$	460,780	2,474,800 <hr/> (2,474,800)
<u>Week 5</u>			
15 Aug	subtotal = $\frac{2}{55}$	93,160	2,567,960
16 Aug	subtotal = $\frac{4}{59}$	186,960	2,754,820
17 Aug	$\frac{2}{61}$	92,280	2,847,100

1423.55 SWT

Inventory 46 card (7,123.84 SWT)

Zirconium (Baddeleyite) ore
Relocation - DCSC, Columbus, OH
To: Cassad Depot, New Haven, IN

Week	Trucks	SWT
1st Week	68	1,518.87
2nd Week	108	2,516.73
3rd Week	111	2,604.13
4th Week	40	927.78

TOTALS 327 7,567.51 SWT
~~443.67~~
 SWT H₂O 0.06 x 7567.51
- 454.05 H₂O SWT
7,113.46 SWT

End of Material out loading 7123.84

5 Trucks of contaminated material
skipped 8/9/88

61 Trucks of base material
327 Truck of ore. 8991.06

8/10/88 - 21 Trucks contaminated

1977.60
75 Truck additional

8/11/88 - 7 of 15 Trucks ok for today

~~15,394,530~~ 15,135,030 lbs - 2000 = 7567.51

RECEIVING REPORT (Read INSTRUCTIONS on reverse before completing form.)			NUMBERS	
DATE RECEIVED 31 August, 1988 - 7 September, 1988			DEPOT IDENTIFICATION	
RECEIVED BY DLA DNSC NEW HAVEN DEPOT NEW HAVEN, IN 46774			CONTRACT GS-00-DS-(S)-43102	
RECEIVED FROM (Consignor) GSA/FPRS/Jeffersonville Site Jeffersonville, Indiana			NSP	
			REPORT 19349	
GOVERNMENT B/L NO.	COMMERCIAL B/L NO. 1-Final Release	CAR NO.	SEAL NO.	DELIVERED BY Jack Gray Transport

MATERIALS RECEIVED					
PACKAGES, NUMBER AND TYPE	LOT OR CODE NUMBER	DESCRIPTION (Show grade where available)	WEIGHTS		
			GROSS	TARE	NET
Bulk	Pile 1	ZIRCONIUM (BADDELEYITE ORE) Trucks Numbered 1 - 46 UNLOADED BY DEPOT PERSONNEL Weight Certificate reflects truck number, net, gross, tare weight.	3,608,825	1,487,975	2,120,850
Weight of record (GSA-Form 46) Jeffersonville Site, Jeffersonville, IN =					2,106,605
The difference of weight is contributed to approximately 6% moisture content.					
New Haven Depot will reflect weight of record - - - - -					2,106,605
46 Truck Loads			TOTAL	3,608,825	1,487,975
					2,120,850

REPORT ANY ASTRAY, DAMAGE, OVERAGE, OR SHORTAGE ON
STANDARD FORM 361, DISCREPANCY IN SHIPMENT REPORT

Mail original and three copies of this report to:

GENERAL SERVICES ADMINISTRATION (BCCS)
WASHINGTON, DC 20407

CERTIFICATION

I certify that the articles listed on this report have been received at this depot for storage; a copy of this report has been retained as a permanent record.

SIGNATURE

FREDERIC W. BROOKS

TITLE

DEPOT MANAGER

DATE

19 Sep 88

COMMODITY INSPECTION REPORT		CHECK <input type="checkbox"/> SALES "RELOCATION" <input type="checkbox"/> PROCUREMENT	
CONTRACT NO. GS-00-DS-(S)-43102	COMMODITY Zirconium (baddeleyite) ore	PROGRAM NDS	INSPECTION REPORT NO. # 2
RELEASE OR S/ I NO. IF	LOT NUMBER	REGION NO. DLA/DNSC/Zone 2	DATE OF INSPECTION 25-29 Jul 88
PURCHASER OR CONTRACTOR see below		ADDRESS	
CONSIGNEE OR SUBCONTRACTOR (CASAD) DLA/DNSC New Haven Consolidated Station		ADDRESS State Hwy 14, 3 miles East New Haven, Indiana 46774	
PERSON CONTACTED (NAME & TITLE)		LOCATION OF MATERIAL INSPECTED DCSC Columbus, OH	

INSPECTION, SAMPLING AND ANALYSIS				DESCRIPTION OF PACKAGING (INCLUDE TYPE OF CONVEYANCE) material in bulk form, zirconium (baddeleyite) ore, type B, outloaded by frontend loader into tractor/trailers
SAMPLES TAKEN (✓)		ANALYSIS (✓)		
BY CONTRACT SAMPLER/ ANALYST		BY PURCHASER OR CONTRACTOR		
BY INSPECTOR		BY GOVERNMENT'S ANALYST		
WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO		WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO		
OTHER		TYPES OF ANALYSES NO. UNITS		
INSPECTION		IDENTITY OF SAMPLE		
VISUAL	%	FORWARDING DATE		
DIMENSIONAL	%	SAMPLE NO.		
FOR MARKING	%	LOT NO.		

DISTRIBUTION OF SAMPLES (GIVE COMPLETE ADDRESS)

1	2	3
---	---	---

DESCRIBE METHOD OF INSPECTION, SAMPLING AND/ OR SAMPLE PREPARATION (USE ATTACHED SHEETS, IF NECESSARY)

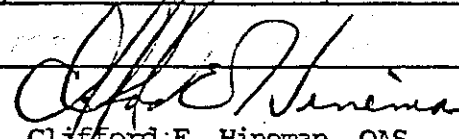
CONTRACTOR:
 Dart Service Company - outloading operations
 Jack Grey Transport, Inc. - transporter of material

RECEIVED
 1989 AUG -5 AM 8:24
 GSA-CASAD DEPT.
 W/NAVENHIN 46774

see page two for this week (2) of operation.

ITEM OR LOT NO.	QUANTITY SAMPLED	QUANTITY ACCEPTED OR SOLD	QUANTITY REJECTED	APPROXIMATE VALUE QUANTITY REJECTED	DESCRIPTION OF MATERIAL
97 tractor/trailer loads 2,234.505 swt					zirconium (baddeleyite) ore in bulk form, type B 0 & lcc - DNI lcc - DNI-5 lcc - DNO-5 lcc - DNO-5-NH ✓ lcc - DNI-5-WA lcc - DNI-5-NH

REASON FOR REJECTION

INSPECTOR (SIGNATURE)  DATE 8/1/88

Clifford E. Hineman, QAS

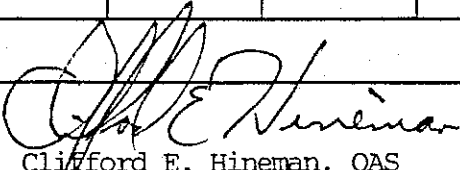
COMMODITY INSPECTION REPORT			CHECK <input type="checkbox"/> SALES RELOCATION <input type="checkbox"/> PROCUREMENT	
CONTRACT NO. GS-00-DS-S-43102	COMMODITY Zirconium (baddeleyite) ore	PROGRAM DNS	INSPECTION REPORT NO. 5 (final)	
RELEASE OR S/ I NO. IF	LOT NUMBER n/a	REGION NO. DLA/DNSC Zone 2	DATE OF INSPECTION 15-18 Aug 1988	
PURCHASER OR CONTRACTOR see below		ADDRESS		
CONSIGNEE OR BUYER/RECEIVER DLA/DNSC New Haven Depot		ADDRESS State Hwy 14, 3 miles east New Haven, IN 46774		
PERSON CONTACTED (NAME & TITLE)		LOCATION OF MATERIAL INSPECTED DCSC Depot Columbus, OH		
INSPECTION, SAMPLING AND ANALYSIS			DESCRIPTION OF PACKAGING (INCLUDE TYPE OF CONVEYANCE)	
SAMPLES TAKEN (✓)		ANALYSIS (✓)		
BY CONTRACT SAMPLER/ ANALYST		BY PURCHASER OR CONTRACTOR		Material in bulk form, zirconium (baddeleyite) contaminated soil, outloaded by front-end loader into tractor/trailer units for transport Cleanup material is that material required to be removed from under former piles and near former piles to reduce radiation levels to required levels for unrestricted use.
BY INSPECTOR		BY GOVERNMENT'S ANALYST		
WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO		WITNESSED <input type="checkbox"/> YES <input type="checkbox"/> NO		
OTHER		TYPES OF ANALYSES	NO. UNITS	
			PER	
			PER	
INSPECTION		IDENTITY OF SAMPLE		
VISUAL	%	FORWARDING DATE		
DIMENSIONAL	%	SAMPLE NO.		
FOR MARKING	%	LOT NO.		
DISTRIBUTION OF SAMPLES (GIVE COMPLETE ADDRESS)				
1. _____ 2. _____ 3. _____				

DESCRIBE METHOD OF INSPECTION, SAMPLING AND/ OR SAMPLE PREPARATION (USE ATTACHED SHEETS, IF NECESSARY)

Contractor:

Dart Service Company - outloading operation.
Jack Gray Transport, Inc. - transporter of material.

See attachment for this weeks information.

ITEM OR LOT NO.	QUANTITY SAMPLED	QUANTITY ACCEPTED OR SOLD	QUANTITY REJECTED	APPROXIMATE VALUE QUANTITY REJECTED	DESCRIPTION OF MATERIAL
8 tractor/trailers	- cleanup	- 186.15	swt		cleanup material in bulk form 8 trucks - 186.15 swt O & lcc - DNI lcc - DNI-5 lcc - DNO-5 lcc - DNO-5NH lcc - DNI-5NH lcc - DNI-5WA
REASON FOR REJECTION					
INSPECTOR (SIGNATURE)  Clifford E. Hineman, QAS				DATE	19 Aut 1988

Commodity Inspection Report # 5, Attachment

Zirconium (baddeleyite) ore cleanup material
Contract GS-00-DS-S-43102
Defense Logistics Supply Center (DCSC) Columbus, OH

Shipped to:
Defense Logistics Agency (DLA)
Defense National Stockpile Center (DNSC)
New Haven Depot
New Haven, IN 46774

Outloading of ore began 18 July 1988. This report covers the period 15 Aug thru 18 Aug 1988. All ore has been relocated. This weeks shipments complete the outloading of cleanup material. Trucks used are some of the same trucks used in previous weeks. The loader and operator remain the same.

Out loading 15 Aug showed a larger amount of ore than previously believed had sunk into the old dump sight discovered under the piles. This required 2 more truckloads of material to be shipped than planned.

An Eberline E-120 and a FAG Kugelfishcher model 5-0002 Geiger counter were used to locate areas that required additional cleaning. These areas were scraped with the bucket of the frontend loader and material removed until sufficiently cleaned.

Weather this week was dry with temperatures of 95 to 100 in the afternoon. As last week, a hose connected to the fire hydrant was used to control dust where needed.

Mr. Kevin Reilly, Mr. Harry Szczepanski, and myself laid out a grid system for soil sampling on Wednesday. Holes were drilled using a 2 man gas powered auger. Soil samples were collected by Kevin Reilly. This work was completed on Thursday morning. Mr. Reilly was satisfied with the results and I returned to the Warren Depot Thursday afternoon.

A total of 8 trailers were loaded and shipped with a total net weight of 186.15 swt.

All ore has been shipped. All required cleanup material has been shipped. Soil sampling is completed. Per telephone conversation with Harry Szczepanski on 19 Aug 1988, NRC inspectors have tentatively approved the cleanup although not all tests are final. Project appears complete at this time pending final release of site by the NRC for unrestricted use.

NOTIFICATION OF STOCKPILE INSPECTION

1. NAME & LOCATION OF DEPOT OR FACILITY DLA/DNSC Depot New Haven, Indiana		2. NAME AND TYPE OF COMMODITY Annual Radiological Report		3. SERIAL NO. 6	
				4. CODE	

5A. Date of Last Inspection 08 Apr 97	6. TYPE OF STORAGE AND SPECIFIC DEPOT AREA OUTSIDE STORAGE: Zirconium Ore Piles 111 and 111-A INSIDE STORAGE: Warehouse 214, Sections 3 and 4
5B. Date of This Inspection 06 May 98	

7. NAME AND TITLE OF PERSON RESPONSIBLE FOR MATERIAL Mr. Frederic W. Brooks, Depot Manager		7A. TEL. NO. OR CODE (219)749-5953	7B. EXTENSION N/A
---	--	---------------------------------------	----------------------

INSPECTION DATA (Check and complete. Explain negative responses)			N/A	YES	NO		
8. STORAGE	A. Storage Facilities Are of the Type Prescribed in the Storage Manual						
	B. Storage Facilities are Maintained in Good Order						
9. MATERIAL	A. Material is Stored in the Manner Prescribed in the Storage Manual						
	B. Material is Free of Deterioration, Infestation, Contamination, Commingling, Migration and Erosion						
10. RECORDS	A. Depot Manager Confirmed that all entries have been Posted						
	B. Depot Postings indicate last RR No. dated ; Last OSR No. dated						
11. UNITS	Quantity Indicated in 14h reflects Depot Posting and agrees with actual and/or computed count						
12. SECURITY AND FIRE PROTECTION	Security and Fire Protection are being provided in accordance with Quality Assurance and Material Inspection Handbook						
	And Storage Manual Requirements						
13. CONTAINERS PILES, OR OTHER UNITS	A. Material is Stored in Proper Containers (Check only if applicable)						
	B. All Containers, Piles and/or Units Are Marked as Prescribed in the Storage Manual						
	C. Condition of Containers (Give exact number in Class III under remarks)			(1) Class I %	(2) Class II %	(3) Class III %	

14. DESCRIPTION OF CONTAINERS, PILES, OR OTHER UNITS										N/A
PRO-GRAM a.	TYPE (Pile, case, ingot, bale, etc.) b.	Nominal Size			Diameter f.	g. AVERAGE WEIGHT OF UNIT		TOTAL NUMBER OF UNITS h.	i. Total Weight	
		Width c.	Length d.	Height e.		(1) Gross	(2) Net		(1) Gross	(2) Net

15. REMARKS (Review all other appropriate questions contained in "guide for the inspection of stockpiled materials and storage Facilities," and, if deficiencies are found, give the appropriate guide numbers and complete details in this block)

SEE CONTINUATION SHEETS

15. RECOMMENDATIONS (Not to be construed by storage depot of facility as authorization to proceed with remedial measures beyond the scope of usual authority)

SEE CONTINUATION SHEETS

17. DISTRIBUTION	[1] DNSC-MQ [1] ORIGINATING DEPOT [] STOCKPILE OP. DIVISION	[1] SUPERVISORY QA [4] OTHER(SPECIFY) DNSC-MQBI,ME,MQBR,MQNH
18. NAME OF QUALITY ASSURANCE SPECIALIST (Type of print) Mary L. Davidson, QAS	18A. SIGNATURE	18B. DATE OF SIGNATURE 21 May 98



DEFENSE LOGISTICS AGENCY
DEFENSE NATIONAL STOCKPILE CENTER
NEW HAVEN DEPOT
15411 DAWKINS ROAD
NEW HAVEN, IN 46774-9644

FACSIMILE TRANSMISSION

NUMBER OF PAGES (Including this one) 5

Message Priority [] Urgent
[X] Routine

FROM: Bill Till

FAX: 219-749-8467 VOICE: 219-749-9544

TO: KP

LOCATION: Somerville Depot

FAX: _____

VOICE: 908-707-4350

DATE: 11-15-00

TIME: A.M.

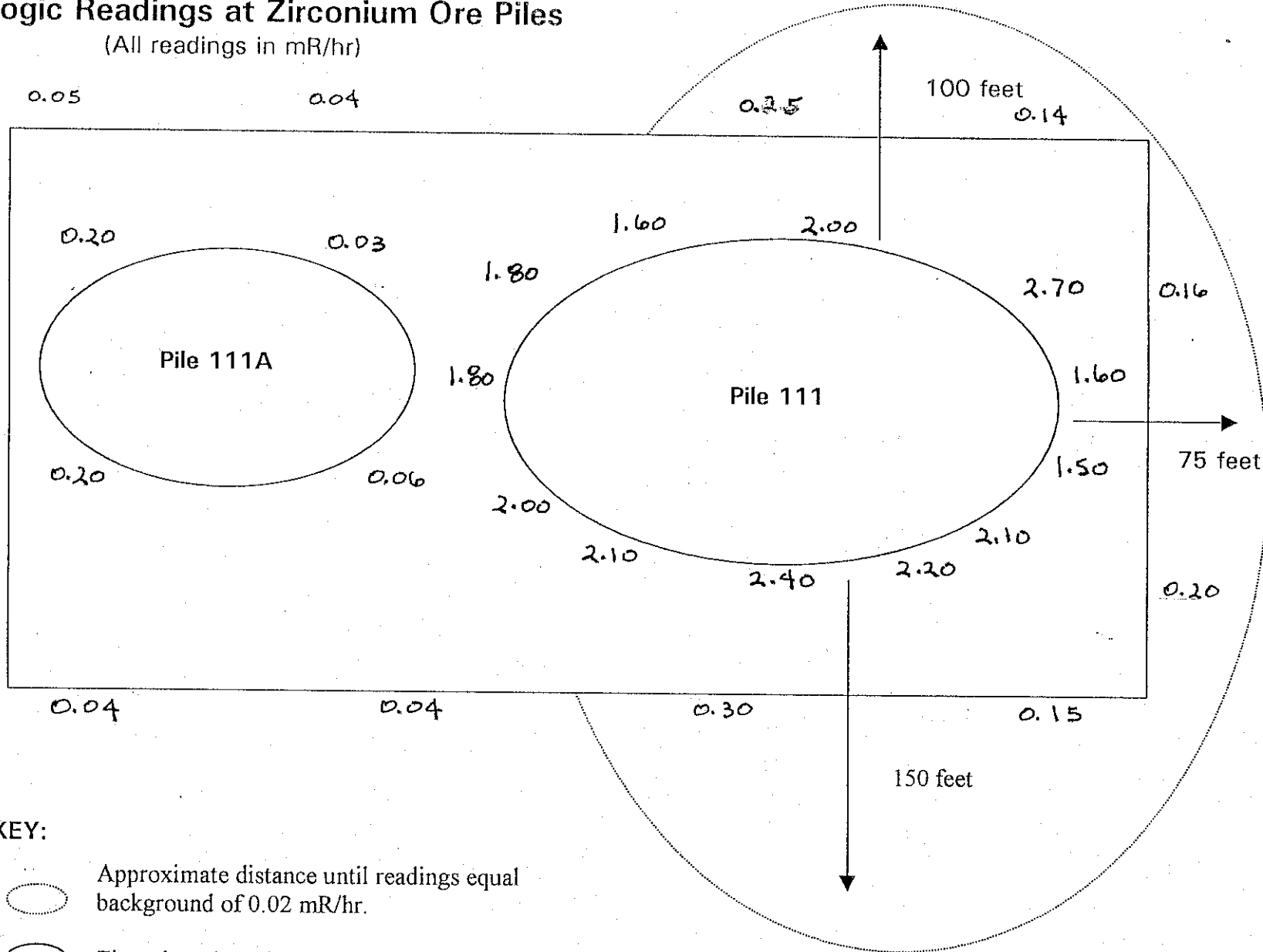
If I can be of any
more help
Let me know

Bill




IF YOU DO NOT RECEIVE ALL PAGES OR TRANSMISSION IS INCOMPLETE, PLEASE CALL IMMEDIATELY!

Radiologic Readings at Zirconium Ore Piles

(All readings in mR/hr)

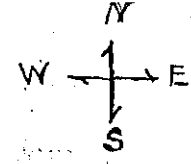


KEY:

-  Approximate distance until readings equal background of 0.02 mR/hr.
-  Zirconium Ore Pile
-  Fence Surrounding Ore Piles

Note: Readings are in mr/hr

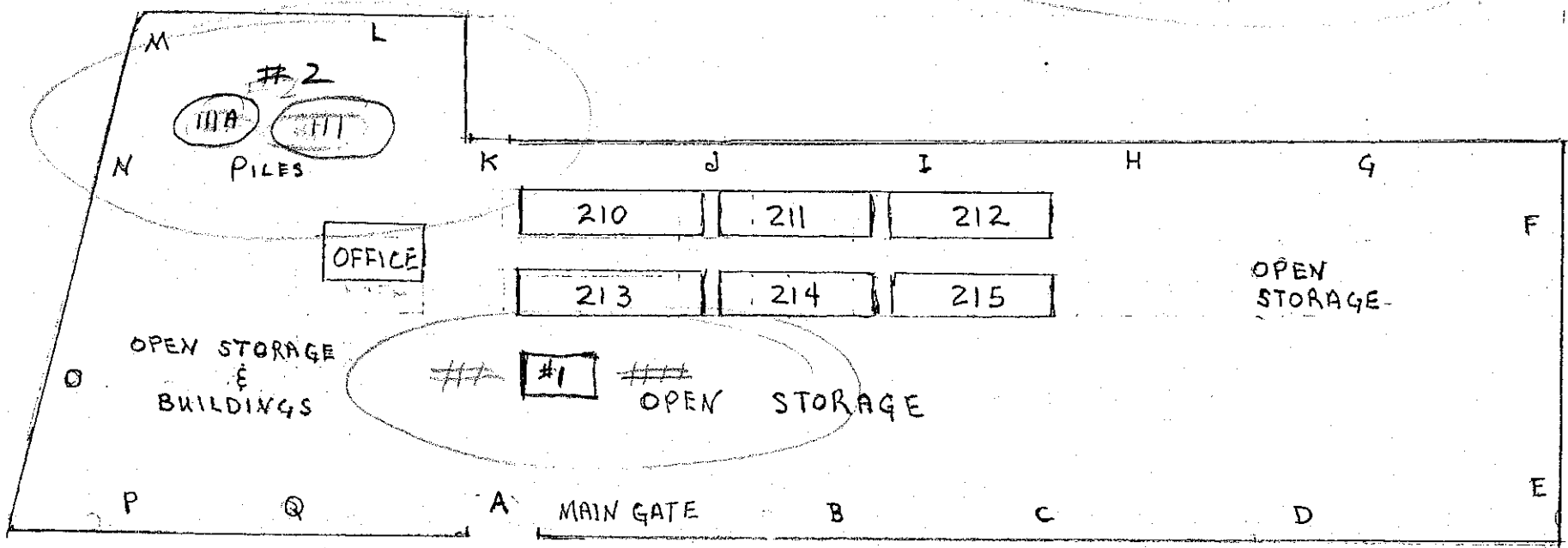
RADIOLOGICAL MONITOR SURVEY
PERIMETER FENCELINE
NEW HAVEN DEPOT



Locations

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	.014	.013	.018	.017	.016	.015	.013	.017	.014	.016	.015	.016	.016	.014	.013	.017	.013
	.020	.018	.020	.022	.023	.018	.018	.019	.019	.018	.017	.019	.018	.020	.019	.021	.019
	.020	.023	.022	.024	.024	.021	.022	.023	.023	.020	.021	.023	.022	.025	.021	.024	.023
Ave:	.018	.018	.020	.021	.021	.018	.017	.019	.018	.018	.017	.019	.018	.019	.017	.020	.018

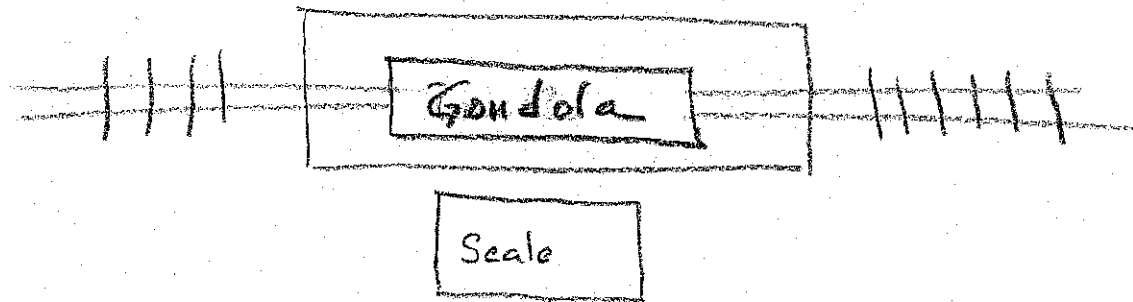
1 Track + Track scales
2 Ore piles III + IIIA



INDIANA STATE HIGHWAY 14
Now Dawkins Rd

background 0.02 MR/hr
→
0.03 MR/hr

Sample

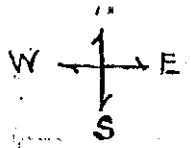


• while car is on scale or near by,
Take reading in a manner of your
discretion.

etc. (contact out to background.)

Note: Readings are in mr/hr

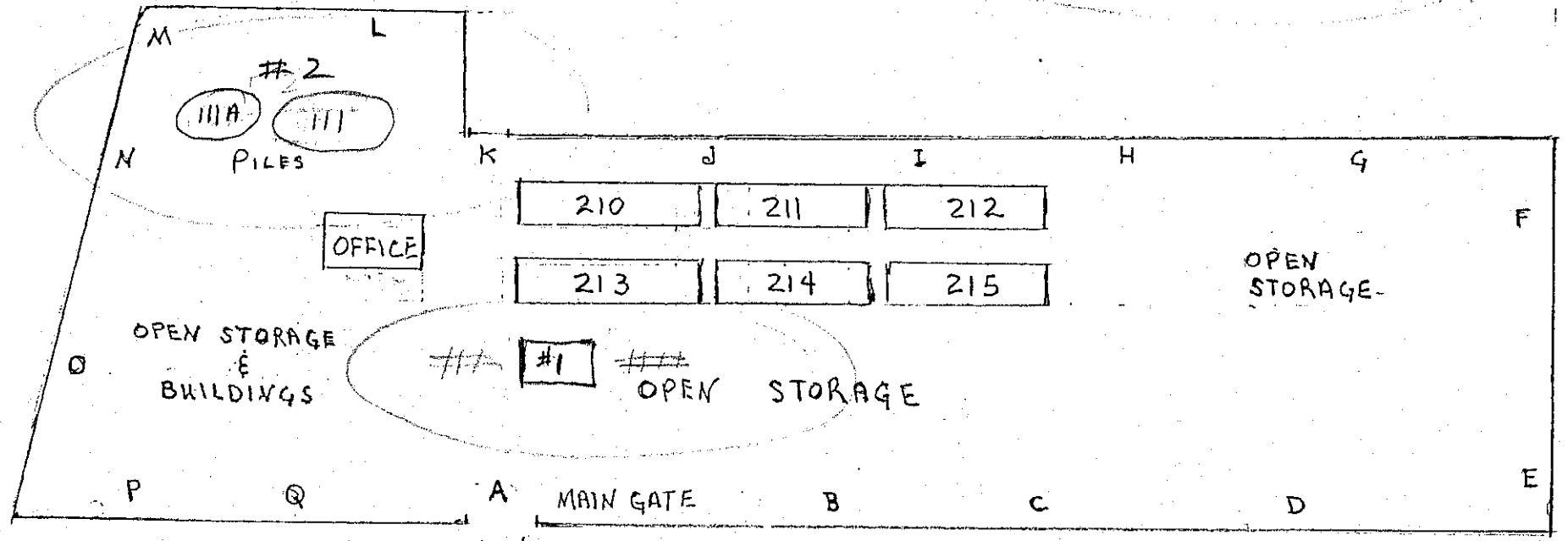
RADIOLOGICAL MONITOR SURVEY
PERIMETER FENCELINE
NEW HAVEN DEPOT



Locations

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	.014	.013	.018	.017	.016	.015	.013	.017	.014	.016	.015	.016	.016	.014	.013	.017	.013
	.020	.018	.020	.022	.023	.018	.018	.019	.019	.018	.017	.019	.018	.020	.019	.021	.019
	.020	.023	.022	.024	.024	.021	.022	.023	.023	.020	.021	.023	.022	.025	.021	.024	.023
Ave:	.018	.018	.020	.021	.021	.018	.017	.019	.018	.018	.017	.019	.018	.019	.017	.020	.018

1 Track + Track scales
2 Ore piles III + IIIA



INDIANA STATE HIGHWAY 14
Now Dawkins Rd

Bill Till New Haven

CC- (OIS)



JUN 23 1999

DNSC-MQ

MEMORANDUM FOR DNSC-MO and DNSC-ME

SUBJECT: Radiation Posting-New Haven, IN

The attached Addendum (e:mail message dated 6/23/99) to Radiological Survey # 7 indicates that "Caution Radiation Area" signs are posted around the zirconium ore piles and inside section 3 of warehouse 214. These signs should be removed; the dose rates do not exceed the 5.0 mR/hr noted in the Jan 14, 1999 amendment to the DNSC Occupational Radiation Protection Program.

The fence around the ore piles should be posted with "Caution-Radioactive Material(s)" signs.

~~Approved by: W. J. PECULLAN~~

for PETER O.I.M. PORTON
Chief, Quality Assurance &
Technical Services Division

Attachment

MQNH

cc: Off. File, DNSC-~~MQNA~~
DNSC-MQ:MPECULLAN:mjp: 767-7620:6/23/99

Author: william till at ccp014

Date: 6/23/99 9:07 AM

Priority: Normal

Receipt Requested

TO: michael pecullan at ccp014, Frederic Brooks at ccp014, Lois Huddlestun at ccp014,
Charles Delhoste at ccp014

Subject: Addendum to Radiological Survey # 7

The following information is an addendum to the subject report:

The signs posted around the Ore Piles 111 & 111A on the fence read, "Caution Radiation Area".

Each bay containing radioactive material is marked with a yellow band saying "Caution Radiation Hazard". There are signs in these areas that read "Caution Radiation Area" and Caution Radioactive Material".

The material in bays 9, 18, 28 is restricted by signs reading "Caution Radiation Area". Bays 16, 17, 34, 77 are also restricted.

There is a letter on file at New Haven Depot with all the names of the personnel receiving Radiation Training dated 7/15/98.

The FAG Meter was calibrated on 11/13/98 and the due date is 11/13/99.

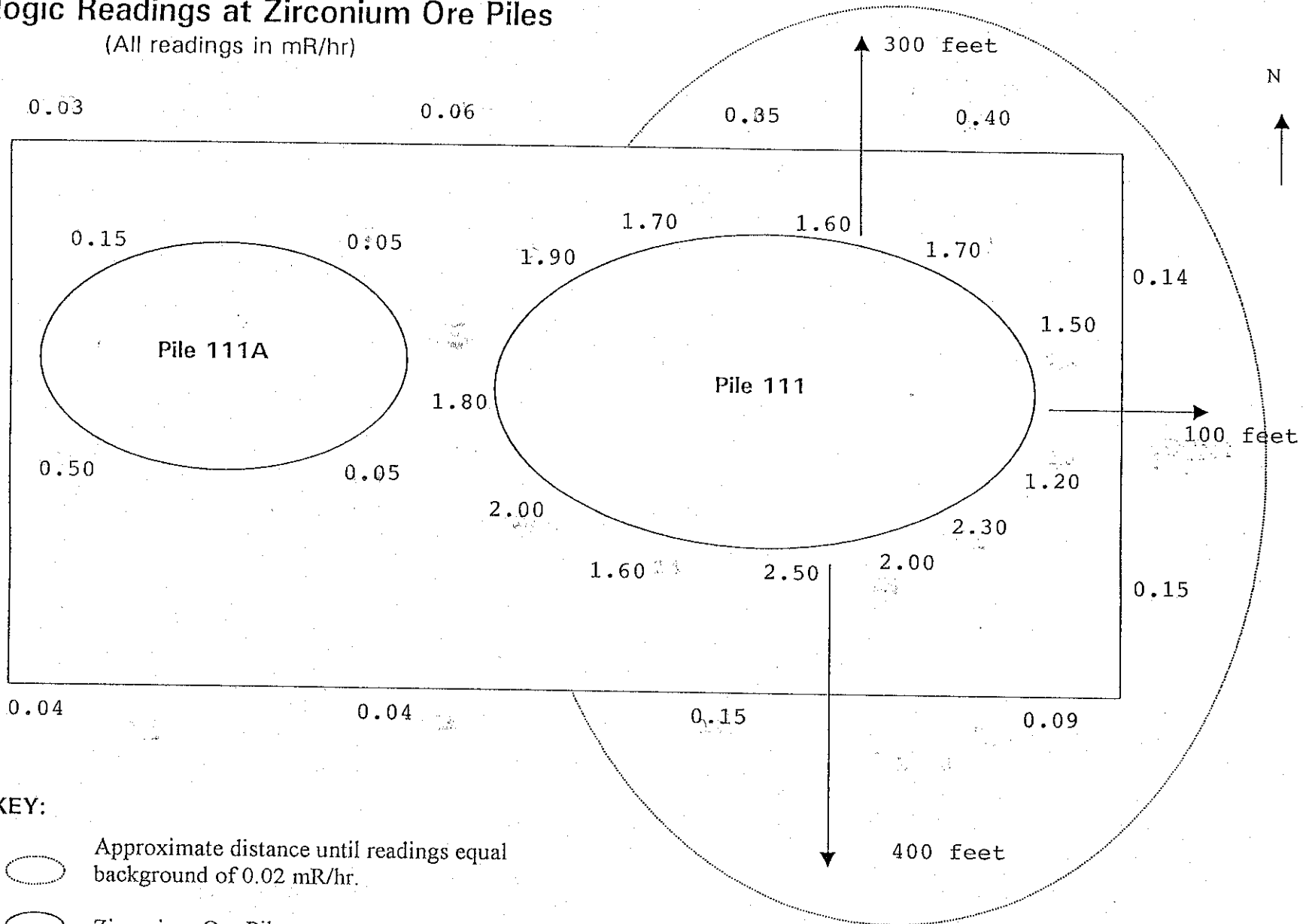
Bill Till

READINGS TAKEN IN CONTACT WITH MATERIAL
 (All readings in mR/hr)
 WAREHOUSE 214, SECTION 3




Bay 71	DOOR	Bay 61	Bay 51	DOOR	Bay 41	Bay 31	DOOR	Bay 21	Bay 11	DOOR	Bay 1
Bay 72		Bay 62	Bay 52		Bay 42	Bay 32		0.3	Temp	0.15	Bay 2
Bay 73		Bay 63	Bay 53		Bay 43	Bay 33		0.20	Temp	0.2	Bay 3
Bay 74		Bay 64	Bay 54		Bay 44	Bay 34	0.25	Bay 23	0.08 + 2	0.08 + 2	Bay 4
Bay 75		Bay 65	Bay 55	0.35	Bay 45	Bay 35	0.25	Bay 24	0.2 + 0.35	0.2 + 0.35	Bay 5
Bay 76		Bay 66	Bay 56		Bay 46	Bay 36		Bay 25	0.45	0.45	Bay 6
Bay 77	0.08 0.20	Bay 67	Bay 57		Bay 47	Bay 37	0.06	Bay 26	0.3	0.3	Bay 7
Bay 78		Bay 68	Bay 58		Bay 48	Bay 38	0.08	Bay 27	0.25	0.25	Bay 8
Bay 79		Bay 69	Bay 59		Bay 49	Bay 39	0.06 + 0.80	Bay 28	0.40	0.40	Bay 9
	DOOR							Bay 29	0.65	0.65	Bay 10
									0.60	0.60	

Radiologic Readings at Zirconium Ore Piles

(All readings in mR/hr)



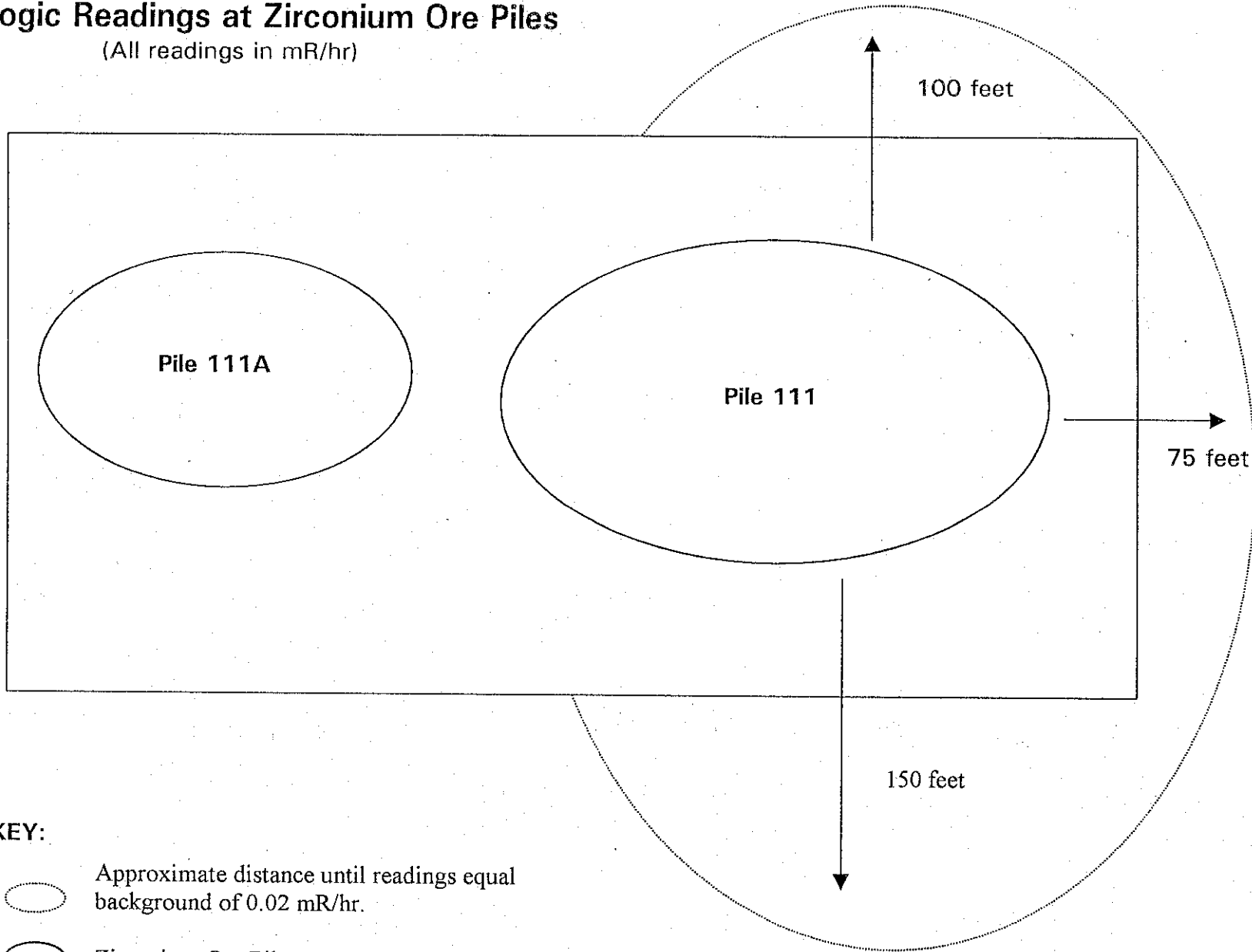
KEY:

-  Approximate distance until readings equal background of 0.02 mR/hr.
-  Zirconium Ore Pile
-  Fence Surrounding Ore Piles




CONTACT READINGS

Radiologic Readings at Zirconium Ore Piles

(All readings in mR/hr)

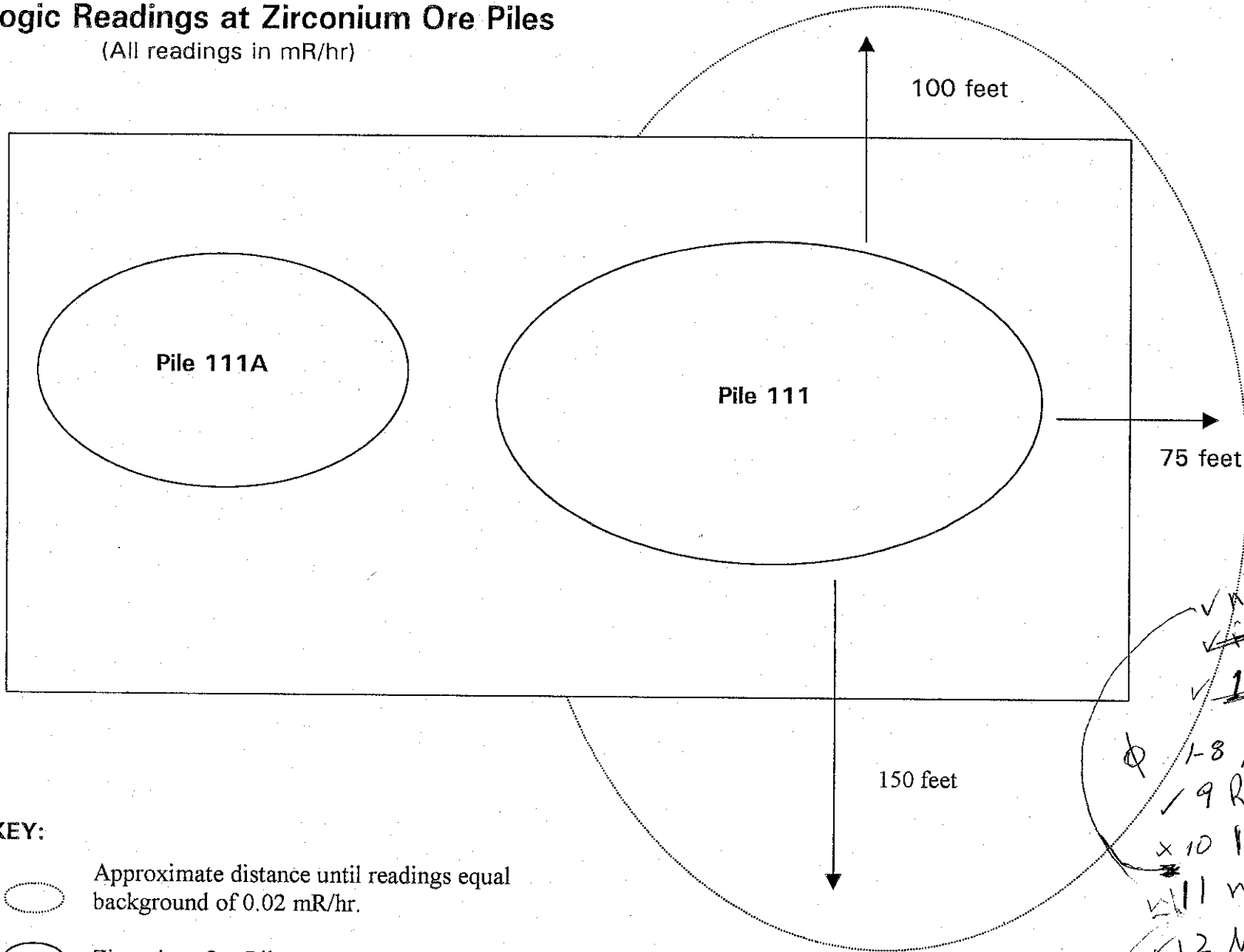


KEY:




-  Approximate distance until readings equal background of 0.02 mR/hr.
-  Zirconium Ore Pile
-  Fence Surrounding Ore Piles

Radiologic Readings at Zirconium Ore Piles

(All readings in mR/hr)



KEY:

-  Approximate distance until readings equal background of 0.02 mR/hr.
-  Zirconium Ore Pile
-  Fence Surrounding Ore Piles

- ✓ nhradmap.doc
- ✓ ~~rad # nh 98.doc~~
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- φ 1-8 Nhrad98.doc
- ✓ 9 Rad # nh 98.doc
- × 10 IRA # mh 98.doc
- ✓ 11 nhr amap1.doc
- ✓ 12 NHRAMap1.xls
- ✓ 13 NHRAMap2.xls
- ✓ 14 NHRAMap3.xls
- ✓ 1520 nhehta.xls