

**APPENDIX A
RELEVANT PORTIONS OF THE PHASE II SITE
CHARACTERIZATION REPORT, AUGUST 1999**

Figure 3a

AAR PROJECT SITE
0-1 METER INCREMENT SOIL SAMPLE RESULTS
TOTAL THORIUM (pCi/g)

Left Portion of Site

35N	360	355	354	353	352	351	350	349	348	347	346	345	344	343	342	341	340	339	338				
		<1.18	<1.14	<1.63	<1.49	<0.81 6.26** <0.23*	2.98	<1.47	4.72	2.06	<1.43	<1.24	<1.39	<1.38	<1.12	<1.16	<1.40	3.78	<1.11				
30N																RAW MATERIAL STORAGE							
25N	361	356	316	315	314	313	312	311	310	309	308	307	306	305	304								
20N																							
15N	362	357	284	283	282	281	280	279	278	277	276	275	274	273	272								
10N																							
5N	363	358	266	265	264	263	262	261	260	259	258	257	256	255	254								
0																SHIPPING DOCK							
5S	364	359	249	248	247	246	245	244	243	242	241	240	239	238	237	236	235	234	233				
10S																							
15S	365	220	219	218	217	216	215	214	213	212	211	210	209	208	207	206	205	204	203				
20S																	PAINT STORAGE						
25S	366	190	189	188	187	186	185	184	183	182	181	180	179	178	177	176	175	174	173				
30S																							
35S	367	159	158	157	156	155	154	153	152	151	150	149	148	147	146	145	144	143	142				
40S																							
45S	375	368	126	125	124	123	122	121	120	119	118	117	116	115	114	113	112	111	110	109			
50S																							
55S	374	369	101	100	99	98	97	96	95	94	93	92	91	90	89	88							
60S																							
65S	373	370	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59			
70S																							
75S	372	371	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21			

155W 150W 145W 140W 135W 130W 125W 120W 115W 110W 105W 100W 95W 90W 85W 80W 75W 70W 65W 60W 55W 50W 45W 40W 35W 30W 25W 20W 15W 10W 5W 5E 10E 15E 20E 25E 30E 35E 40E

Figure 4a

AAR PROJECT SITE
1-2 METER INCREMENT SOIL SAMPLE RESULTS
TOTAL THORIUM (pCi/g)

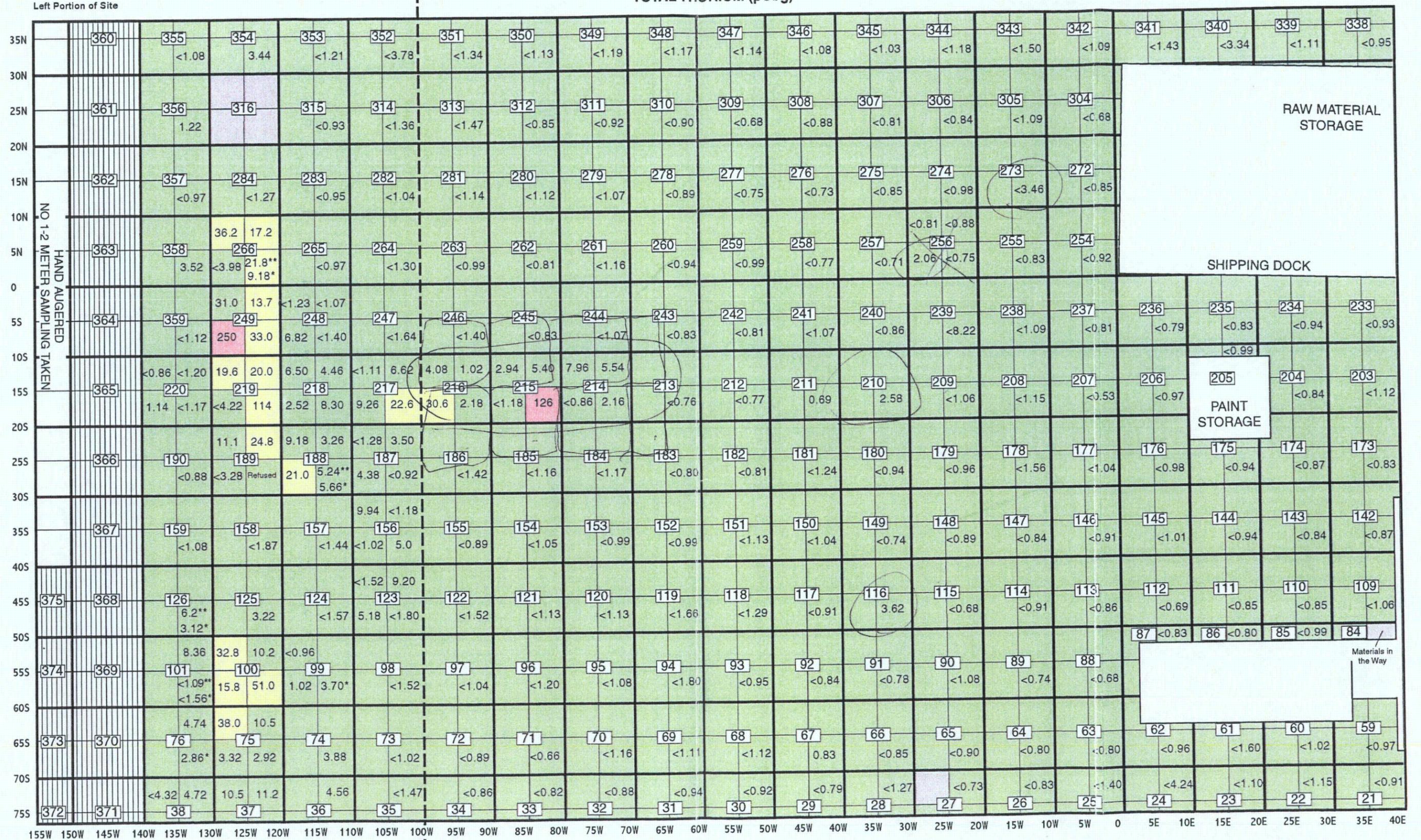


Figure 4b

AAR PROJECT SITE
1-2 METER INCREMENT SOIL SAMPLE RESULTS
TOTAL THORIUM (pCi/g)

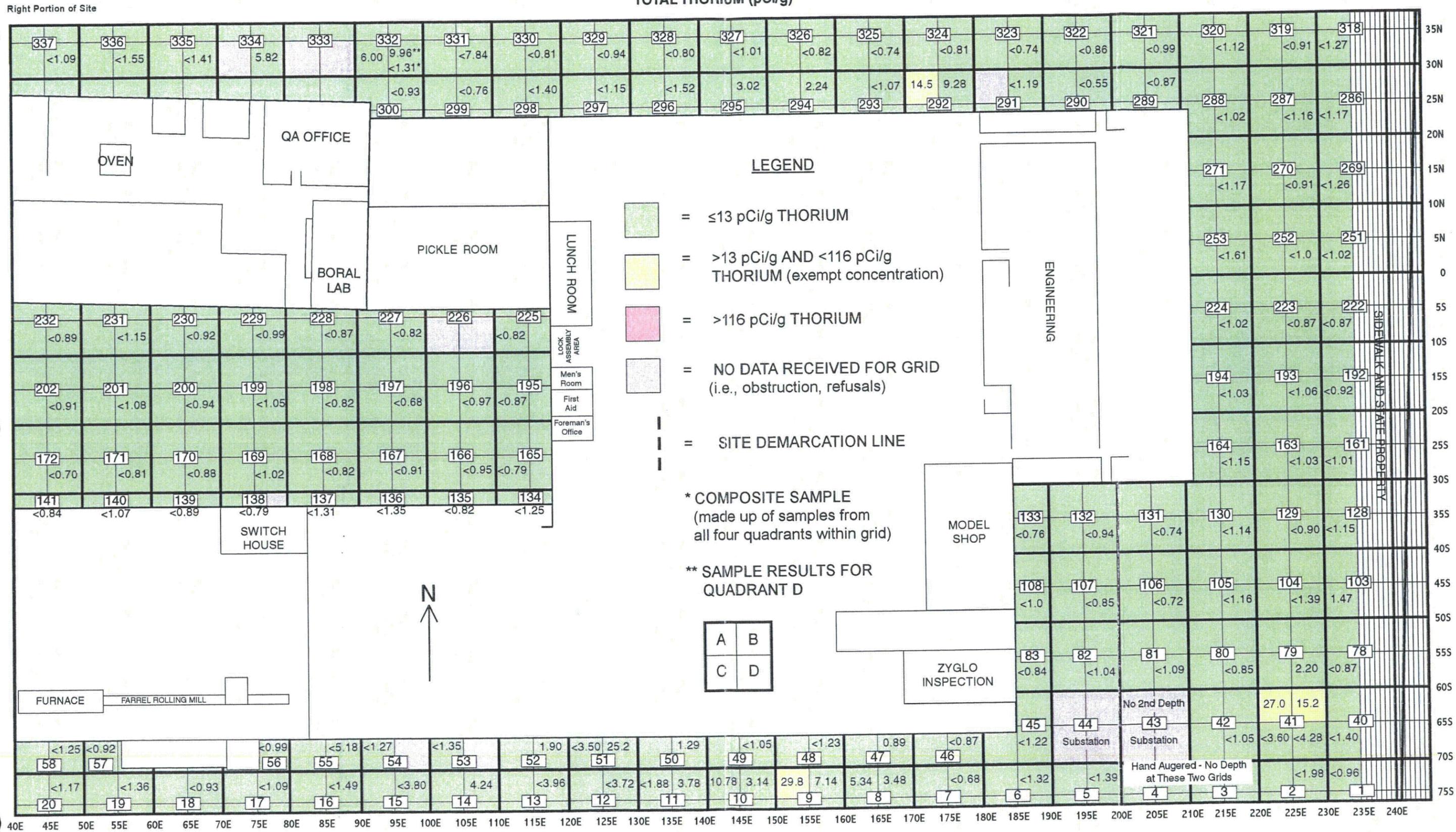


Figure 5b

AAR PROJECT SITE
0-1 METER INCREMENT
GRIDS AVERAGING ≤ 13 pCi/g THORIUM

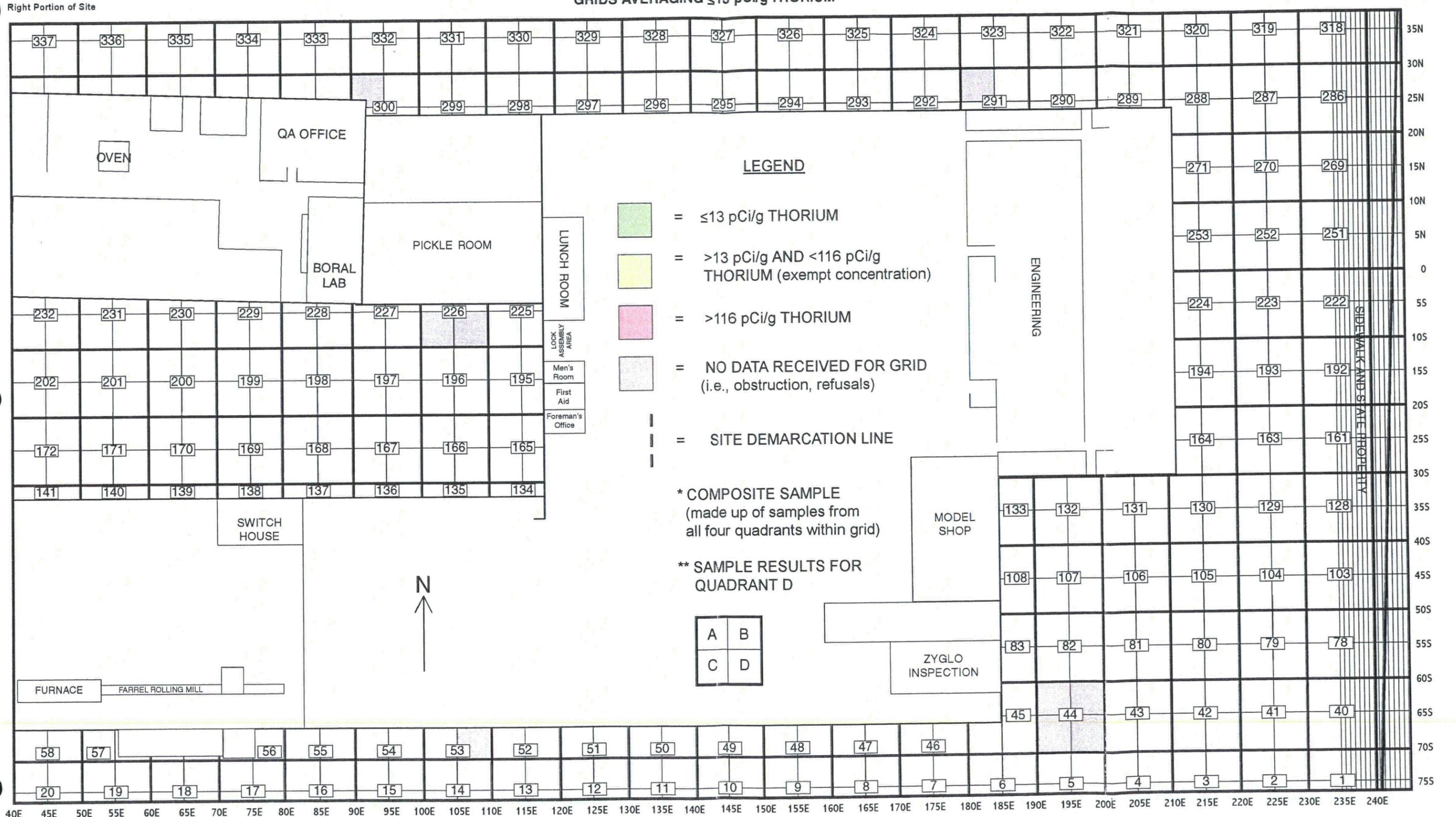


Figure 6a

AAR PROJECT SITE
 1-2 METER INCREMENT
 GRIDS AVERAGING ≤ 13 pCi/g TOTAL THORIUM

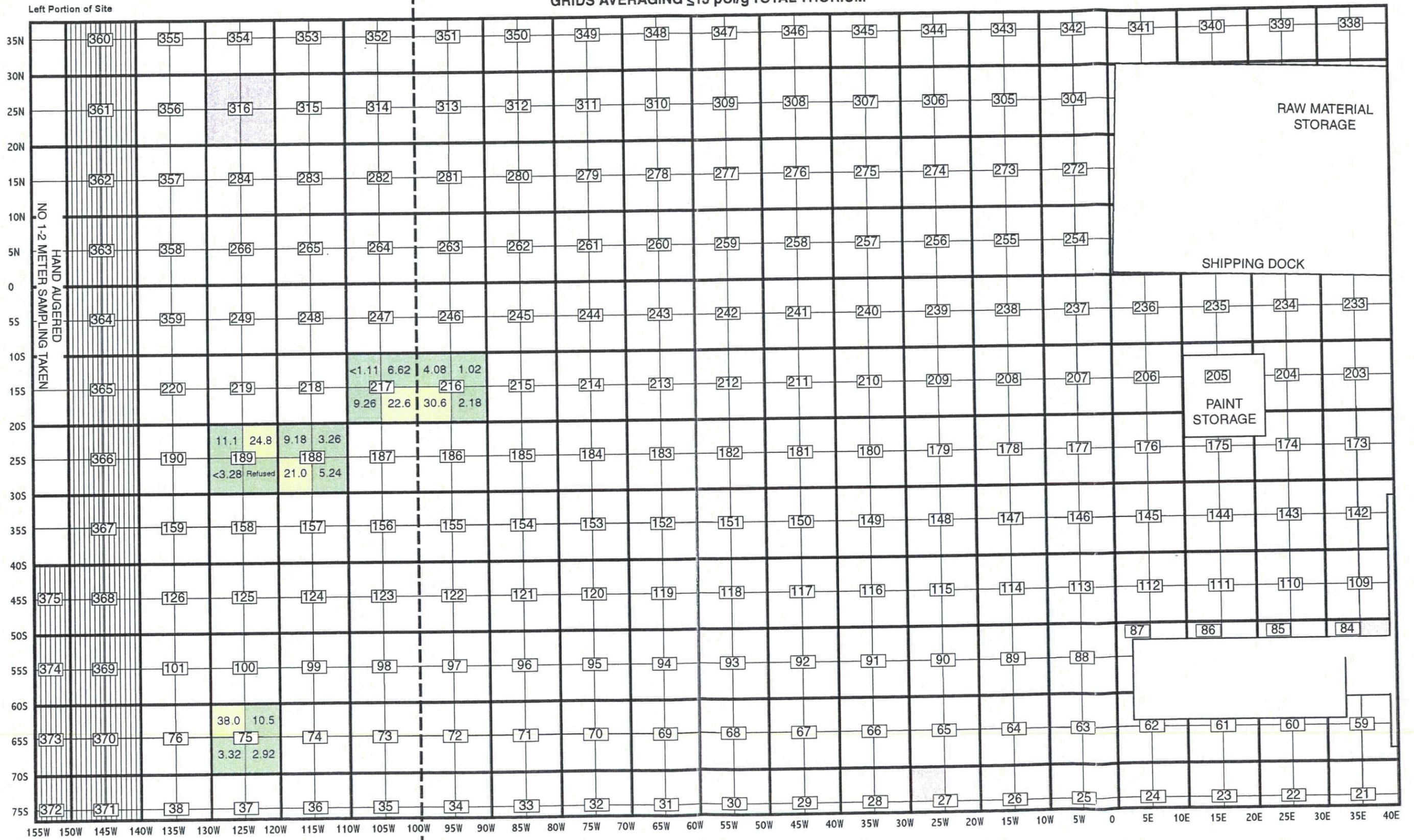


Figure 6b

AAR PROJECT SITE
 1-2 METER INCREMENT
 GRIDS AVERAGING ≤ 13 pCi/g TOTAL THORIUM

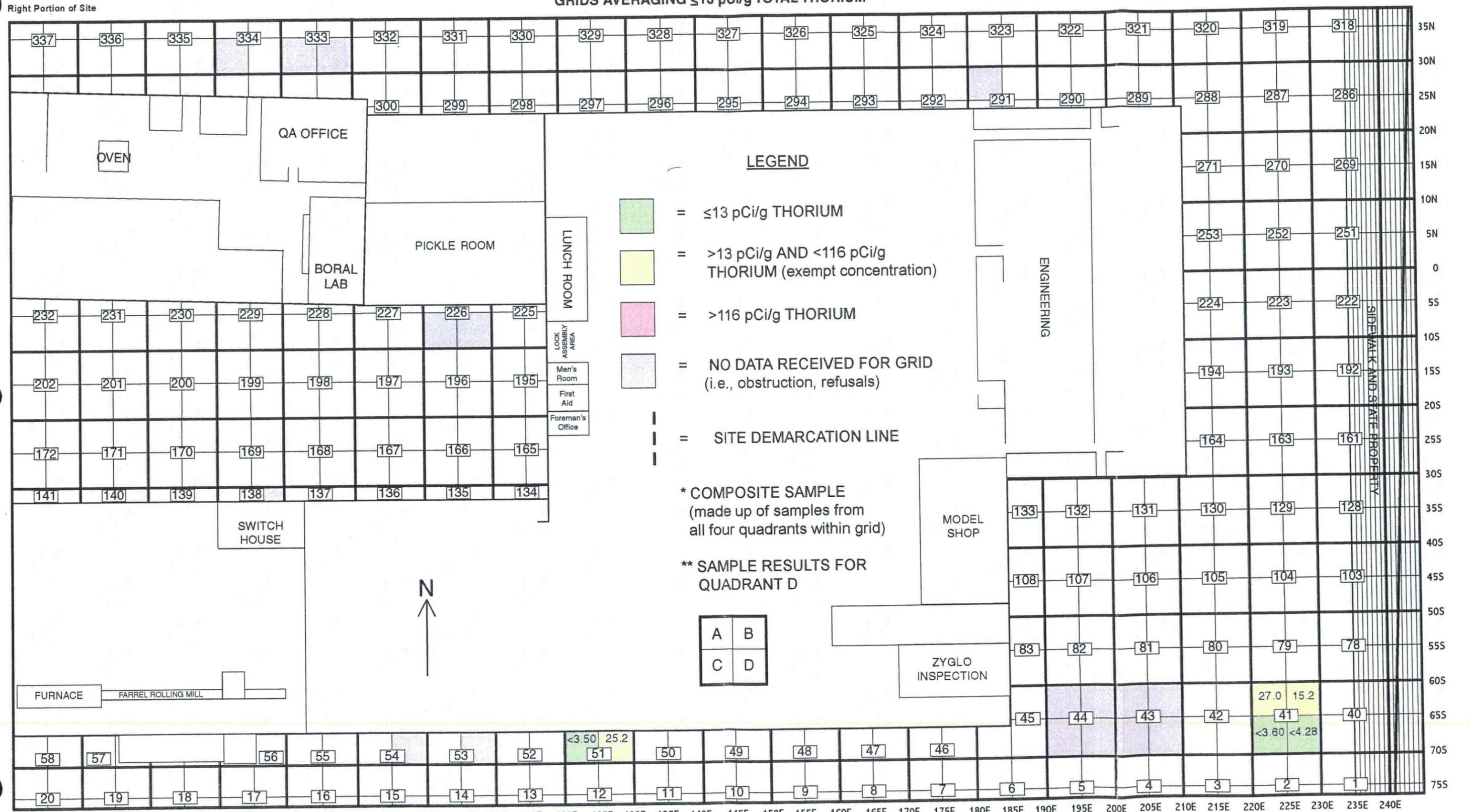


Figure 7a

AAR PROJECT SITE
 0-1 METER INCREMENT
 GRID QUADRANTS AVERAGING ≤ 13 pCi/g TOTAL THORIUM
 UTILIZING NEIGHBORING GRID QUADRANTS

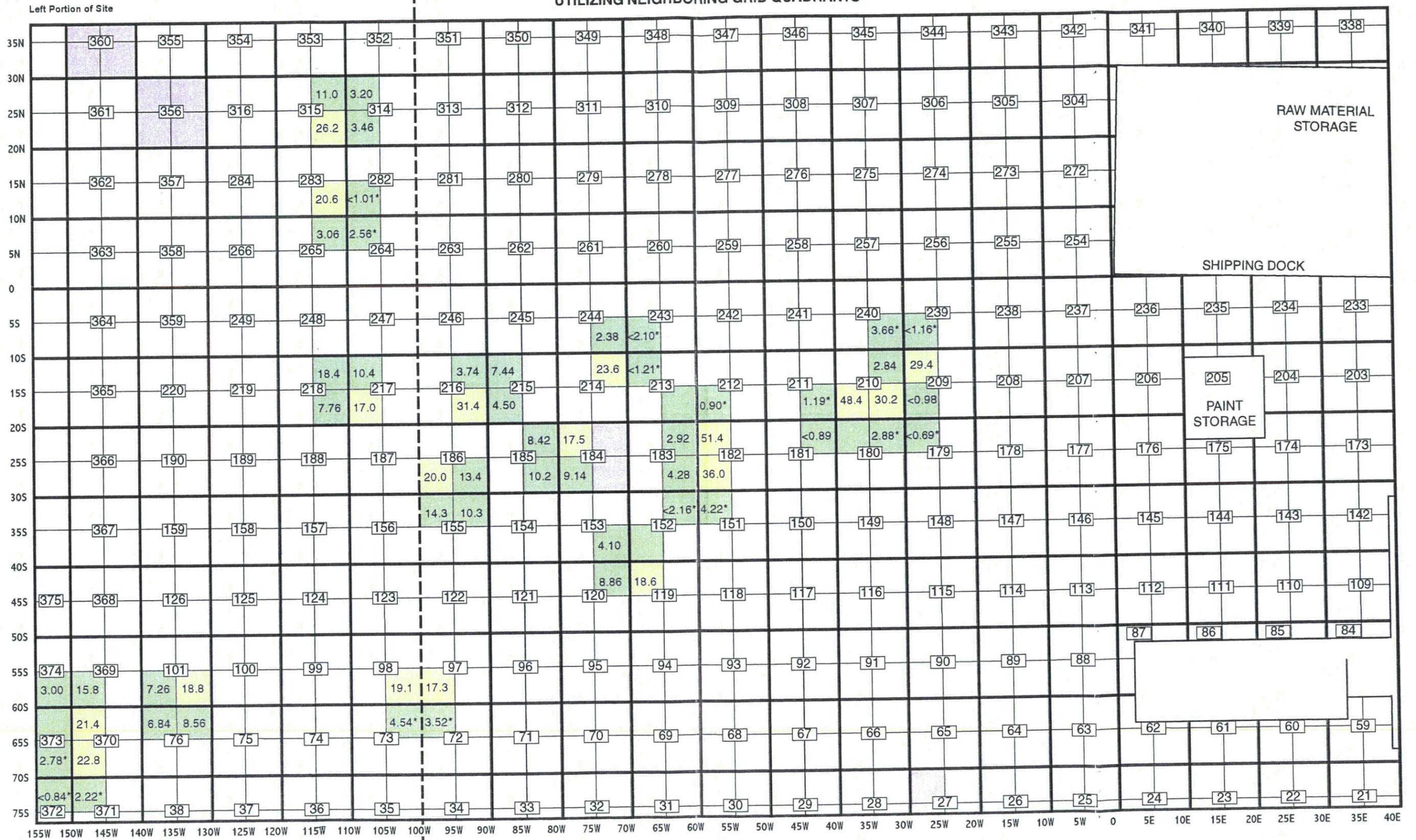


Figure 7b

AAR PROJECT SITE
 0-1 METER INCREMENT
 GRID QUADRANTS AVERAGING ≤ 13 pCi/g TOTAL THORIUM
 UTILIZING NEIGHBORING GRID QUADRANTS

Right Portion of Site

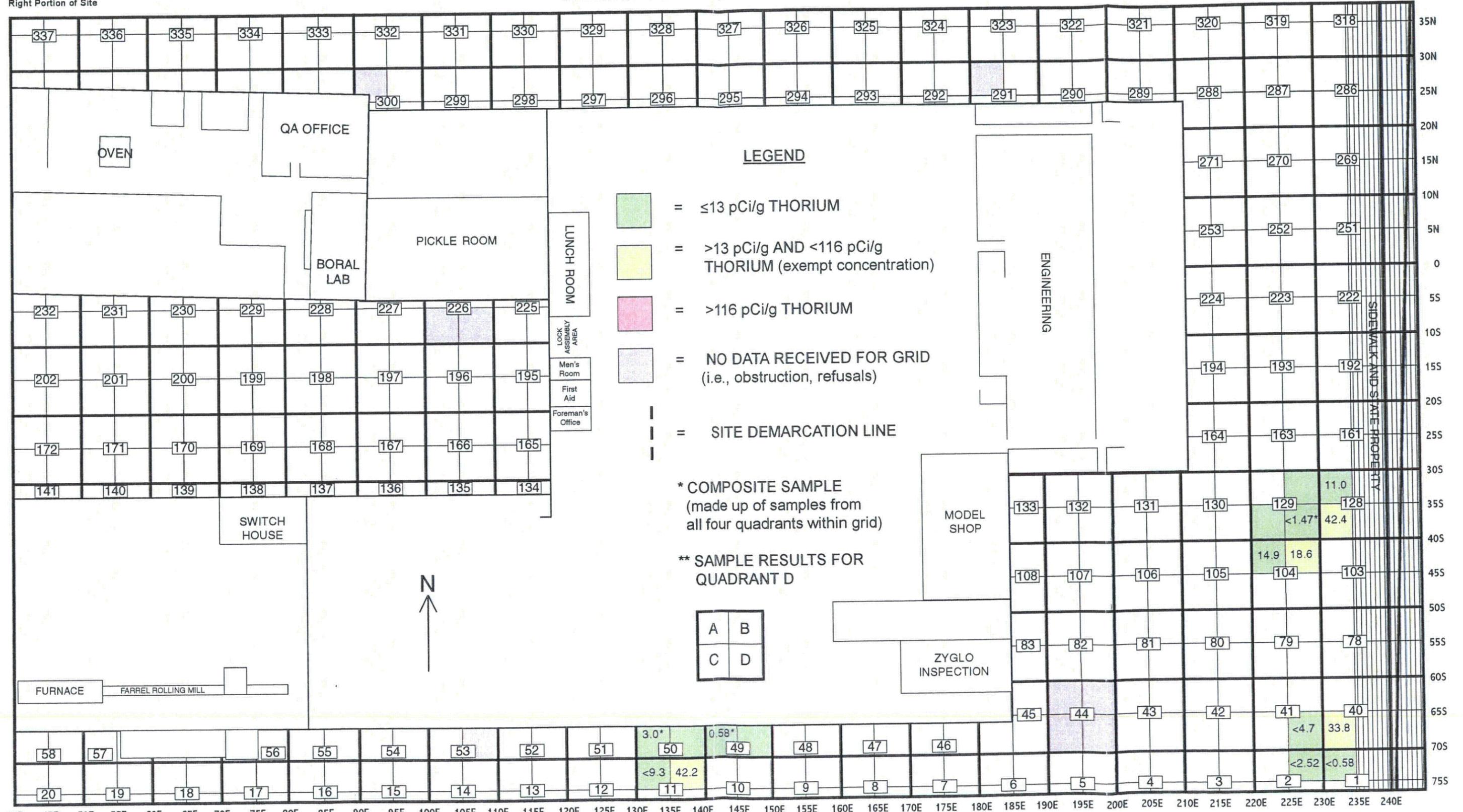


Figure 8a

AAR PROJECT SITE
 1-2 METER INCREMENT
 GRID QUADRANTS AVERAGING ≤ 13 pCi/g TOTAL THORIUM
 UTILIZING NEIGHBORING GRID QUADRANTS

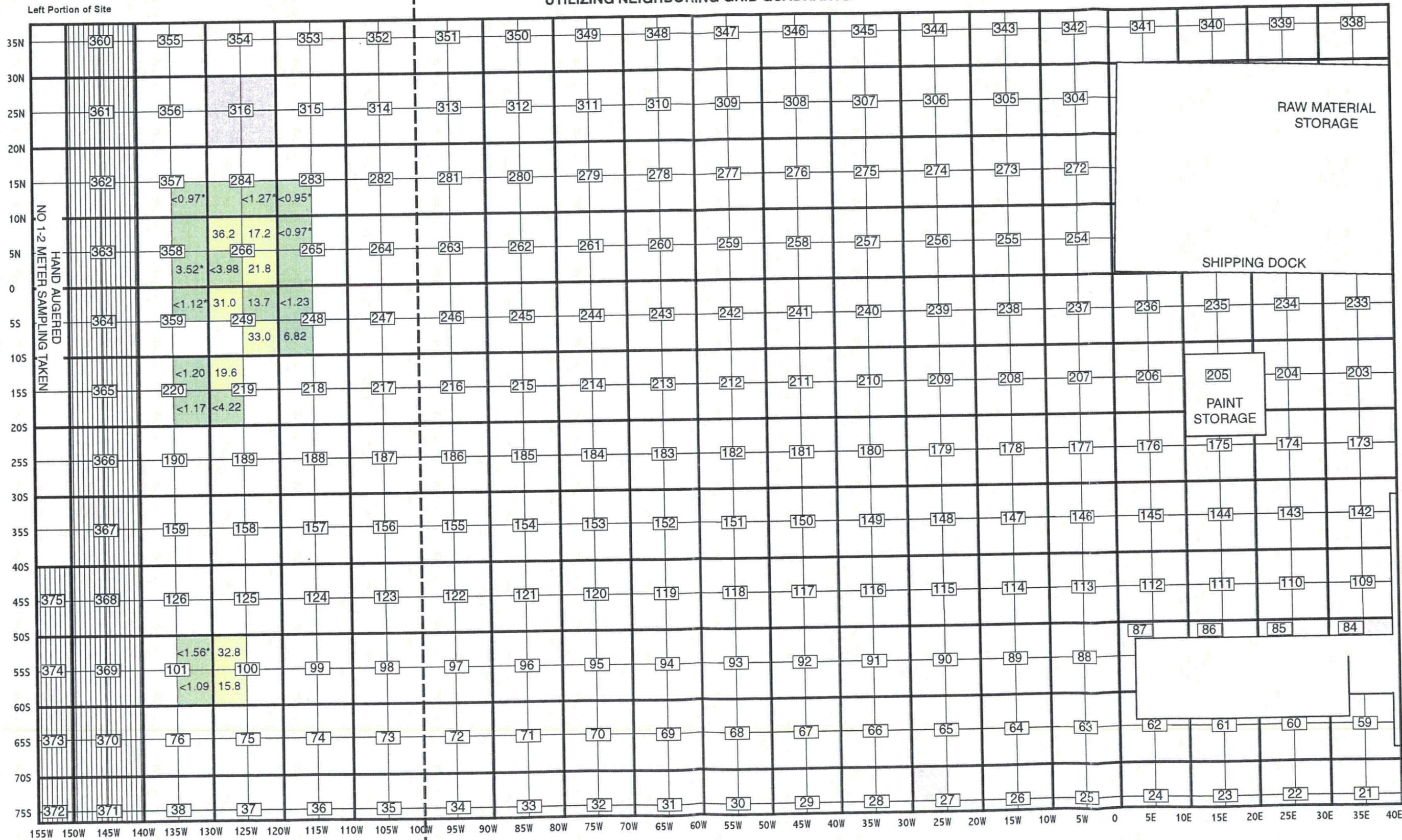


Figure 8b

AAR PROJECT SITE
 1-2 METER INCREMENT
 GRID QUADRANTS AVERAGING ≤ 13 pCi/g TOTAL THORIUM
 UTILIZING NEIGHBORING GRID QUADRANTS

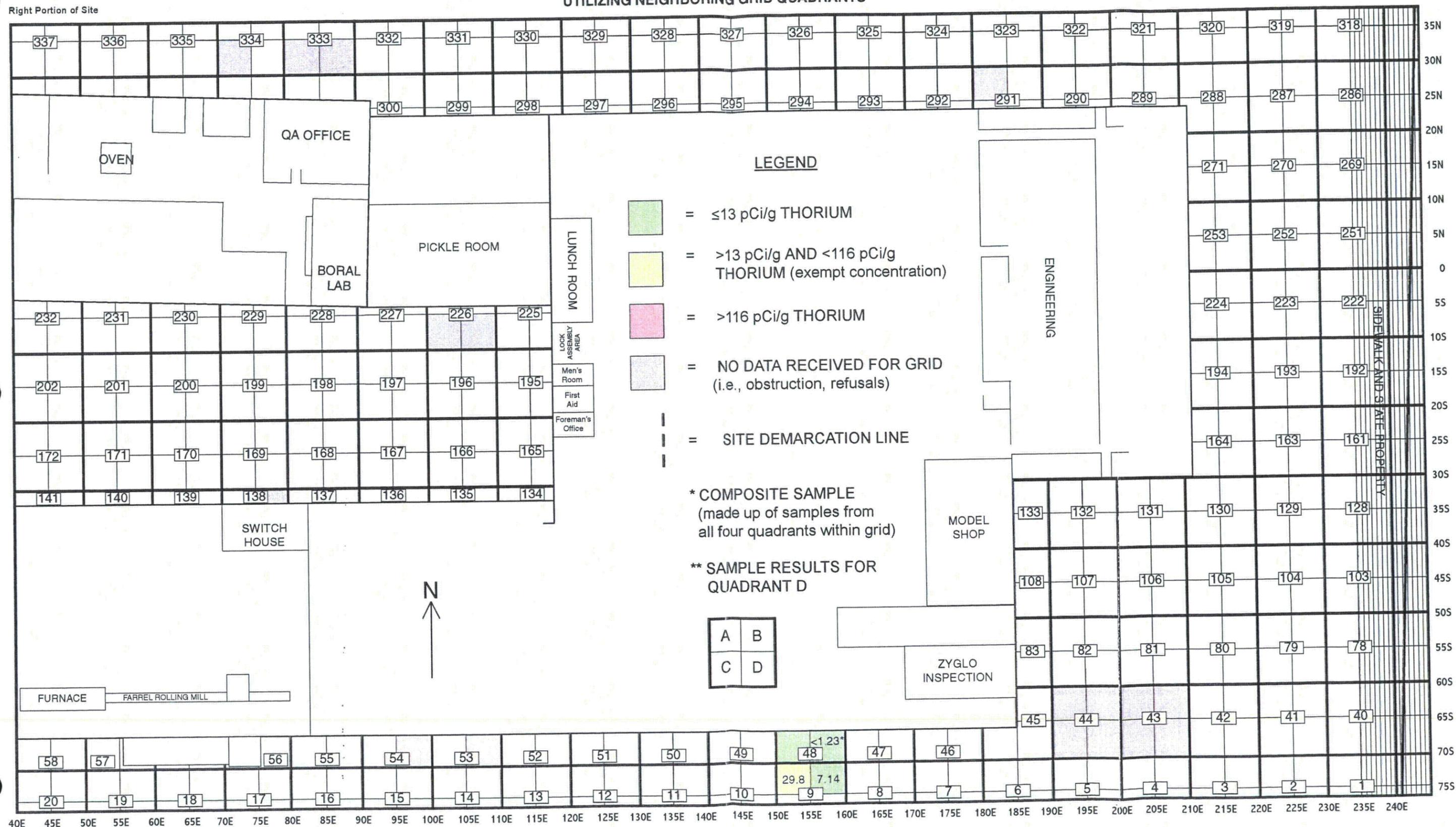


Figure 9a

AAR PROJECT SITE
0-1 METER INCREMENT SOIL SAMPLE RESULTS - TOTAL THORIUM (pCi/g)
GRIDS/QUADRANTS (>13 pCi/g)

Left Portion of Site

35N		360	355	354	353	352	351	350	349	348	347	346	345	344	343	342	341	340	339	338												
			<1.18	<1.14	<1.63	<1.49	<0.81	6.26**	2.98	<1.47	4.72	2.06	<1.43	<1.24	<1.39	<1.38	<1.12	<1.16	<1.40	3.78	<1.11											
30N																																
25N		361	356	316	315	314	313	312	311	310	309	308	307	306	305	304																
		<1.58	3.08		34.2	26.2	3.46	23.6	15.1	3.80	<1.50	<1.46	<1.43	<1.31	<1.09	<1.48	<1.37	<1.20	<0.98													
20N																																
15N		362	357	284	283	282	281	280	279	278	277	276	275	274	273	272																
		1.93	2.64	<3.42	<2.60	20.6	7.50																									
10N																																
5N		363	358	266	265	264	263	262	261	260	259	258	257	256	255	254																
		<1.55	7.14	21.4	6.16	1.55**	26.4*	16.9	15.0		2.56	6.36	<1.73	<1.51	1.78	4.94	11.2	<1.21	<1.29	<1.54	17.6	1.98	<1.01	<0.87								
0																																
5S		364	359	210	111	249	248	245	73.6	8.40	<.87																					
		<1.55	2.48	703	165	<1.57	31.8	96.0	29.0	2.12	<2.00	2.38	<2.10	<1.33	<1.59	14.2	2.00**	3.66*	<0.83	<0.96	<0.78	<0.89	<0.83	<1.0	<0.81							
10S																																
15S		365	220	109	176	219	218	217	216	215	214	213	212	211	210	209	208	207	206	205	204	203										
		<0.92	4.22	34.4	107	<1.92	7.76	17.0	15.0	29.6	31.4	4.50	6.38	31.0	<1.02	<1.48	<1.52**	<0.84	<1.00**	<1.19	48.4	30.2	<0.98	3.08*	<1.13	<1.33	<0.83	<0.84	<0.72			
20S																																
25S		366	190	189	188	187	186	185	184	183	182	181	180	179	178	177	176	175	174	173												
		11.1	8.06	49.0	28.4	11.1	13.1	10.9	19.5	11.7	26.8	<0.72	8.42	17.5	16.1	2.92	51.4	2.74	<1.72	<0.89	8.78	<0.94	<0.69	<0.94	<0.97	<0.71	<0.94	<1.04	<0.86			
30S																																
35S		367	159	158	157	156	155	154	153	152	151	150	149	148	147	146	145	144	143	142												
		<0.48	4.54	23.4	32.0	52.4	52.2	18.0	50.2	26.2	8.66	2.24	13.0	4.10	2.76	5.68**	<2.16*	<2.66	13.0	3.00	<1.13	<0.86	<0.74	<1.08	<0.86	<0.71	<0.83	<1.02				
40S																																
45S		375	368	126	125	124	123	122	121	120	119	118	117	116	115	114	113	112	111	110	109											
		31.6	19.5	37.0	6.18	72.0	141	45.8	44.8	28.6	46.2	46.4	40.0	8.68	14.4	10.0	10.5	8.86	18.6	6.44	18.8	<1.43	7.76	6.18	<0.86	<1.03	<0.70	<0.84	<0.85	<1.08	<0.95	1.35
50S																																
55S		374	369	101	100	99	98	97	96	95	94	93	92	91	90	89	88															
		10.8	13.1	7.44	195		204	18.7	39.8	20.2	21.4	27.8	22.6	1.56	<1.31	<1.43	<1.01	17.1	<1.60													
60S																																
65S		373	370	76	75	74	73	72	71	70	69	68	67	66	65	64	63	62	61	60	59											
		21.4	31.2	6.84	8.56	194	160	152	23.8	<1.44	6.34	<1.15	<1.33	13.4	8.24	7.12	<1.48	3.94														
70S																																
		<0.84	2.22	<4.06	63.4	163	82.2	25.2	<1.58	1.89	<1.09	<1.40	3.30	3.70	4.16	<1.16	<1.22	<0.83	<1.09	<3.88	<1.41	<1.43	<0.78									
75S		372	371	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21											

Figure 9b

AAR PROJECT SITE
0-1 METER INCREMENT SOIL SAMPLE RESULTS - TOTAL THORIUM (pCi/g)
GRIDS/QUADRANTS (>13 pCi/g)

Right Portion of Site

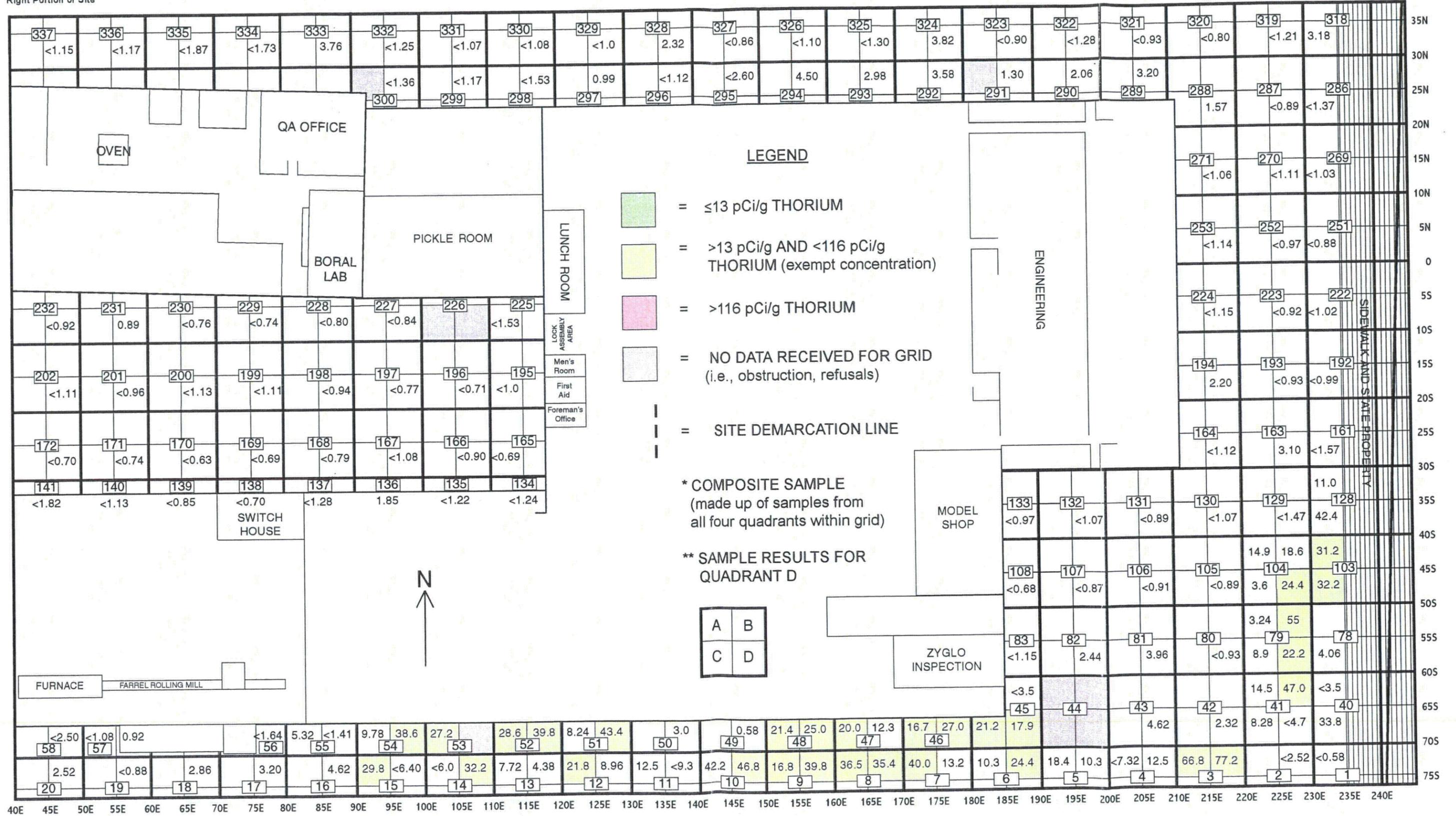


Figure 10a

AAR PROJECT SITE
 1-2 METER INCREMENT SOIL SAMPLE RESULTS - TOTAL THORIUM (pCi/g)
 GRIDS/QUADRANTS (>13 pCi/g)

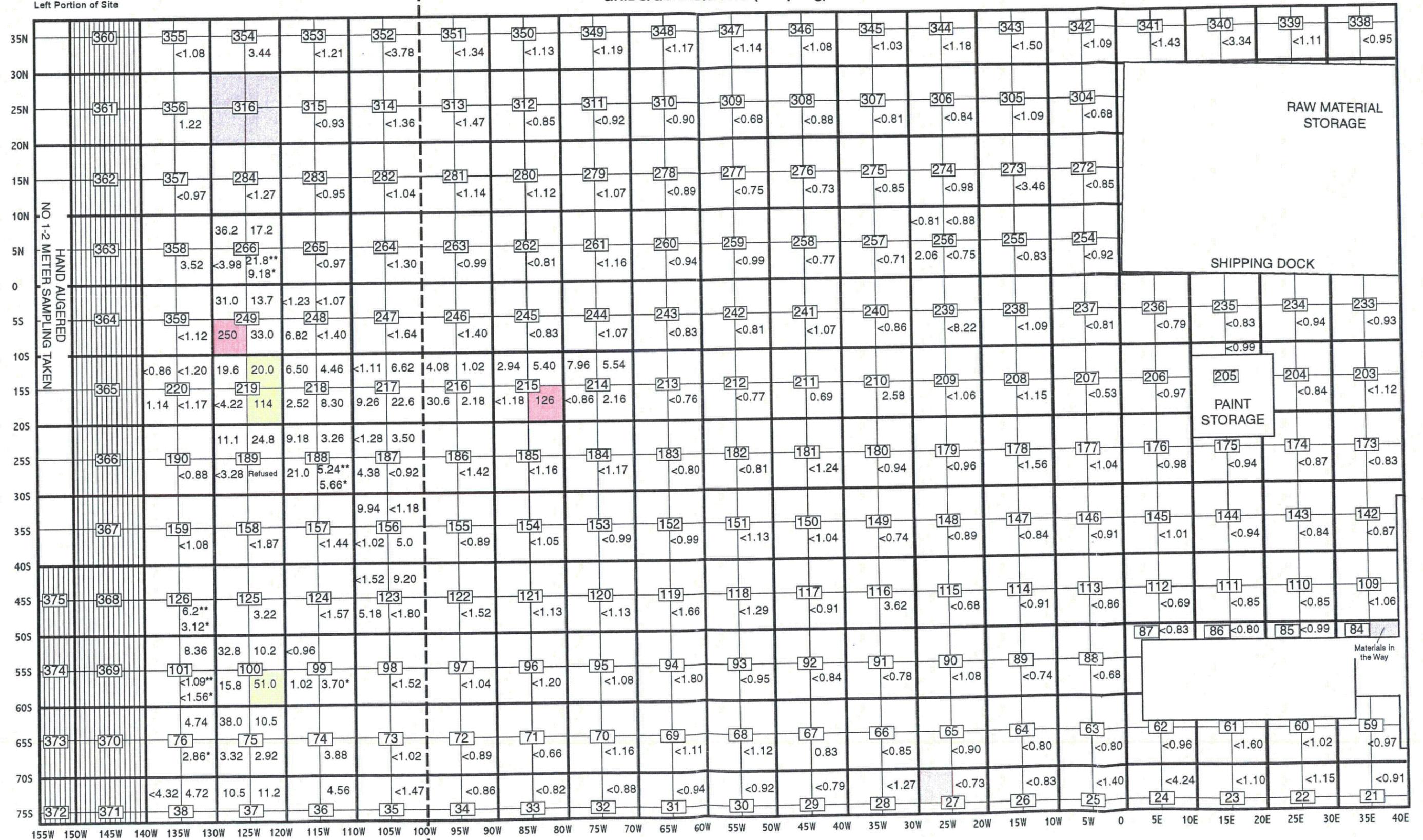


Figure 10b

AAR PROJECT SITE
1-2 METER INCREMENT SOIL SAMPLE RESULTS - TOTAL THORIUM (pCi/g)
GRIDS/QUADRANTS (>13 pCi/g)

