

Converse Consultants

Geotechnical Engineering, Environmental & Groundwater Science, Inspection & Testing Services

1946 - 2006

January 5, 2006

03-23551-03

Mr. Dale Denio Dayton Land Developers, LLC 451 Lakeshore Boulevard Incline Village, Nevada 89451

Subject: Santa Maria Ranch Subdivision, Phase I

Final Sampling Results

Dayton, Nevada

Dear Mr. Denio:

As approved by the Nevada Division of Environmental Protection (NDEP), Converse has collected soil samples from the finished lots within the Santa Maria Ranch Subdivision, Phase I.

INTRODUCTION

Santa Maria Ranch, Phase I, is being developed as a single residential housing subdivision. Dayton Land Developers, LLC, has developed the roads, underground utilities, common areas, and building lots. The lots will be sold to individuals for final development. A portion of Phase I of the development is in the Nevada Carson River Mercury Site (NCRMS). The NCRMS is 50 miles in length within the Carson River and its flood-plain beginning near Carson City, Nevada, and extending downstream to Lahontan Valley. Contamination at the site is a legacy of the Comstock mining era of the late 1800's when mercury was imported for the processing of gold and silver ore. Based on historic photos, portions of the Santa Maria Ranch were utilized for tailing impoundments. Additionally, a historic mining pond area was identified during the development of the Phase I lots.

Between 1993 and 1995, the Environmental Protection Agency (EPA) conducted an assessment of the 50-mile NCRMS and identified four areas within the NCRMS they believed contained soil that may endanger public heath. None of the areas were within the boundaries of the Santa Maria Ranch. During the assessment, EPA established a mercury clean up level for the Dayton area. Clean up levels are set below the level evaluated to pose a health risk to children and pregnant women. This population is studied as a matter of course due to the fact that children and pregnant women are the Based on extensive site specific most sensitive to environmental conditions. information, as well as available toxicology studies, EPA set the clean up levels for residential soils at 80 parts per million (ppm) for the Dayton area. This means that soil containing mercury levels up to 80 ppm do not require any clean up action and are safe to be used in residential applications. Using this information, NDEP has determined that no soil with mercury levels over 80 ppm should be located within the top two feet of finished lots within subdivision developments.



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PREVIOUS SOIL SAMPLING
On February 6, 2004, Converse Consultants mobilized to the Santa Maria Ranch in order to collect samples of soil from the proposed borrow areas. A total of nine backhoe test pits were excavated in the area for the purpose of evaluating their mercury
content. The depth of the pits ranged from 5 to 8 feet. Each test pit was logged for soil type. Soil samples were collected at varying depths within each distinctive soil type. The samples were analyzed for total mercury by EPA method 7471A. Of the nine
samples, five reported mercury levels of less than 1 ppm, four were less than 10 ppm, and three were slightly more than 20 ppm for an average concentration of 10.8 ppm, and no samples were found to be above 80 ppm.
Additionally, borrow soils were tested on an ongoing basis during mass grading. Approximately 100 soil samples have been collected of these samples and only one from one test area was found to be over 80 ppm. The soil from this area was placed at
6 feet below grade (fbg). Because the soil was placed at 6 fbg, no action was taken to remove the soil. Additional sampling was done in this borrow area, and the isolated areas of soil found to be over 80 ppm were properly disposed of off site.
During construction, a historic pond area was discovered within the project boundaries. On May 3, 2004, soil samples were collected to determine the mercury content, as well as engineering properties in the pond area. Of the 12 samples collected, four reported mercury contents over 80 ppm. They contained 81, 82, 120 and 170 ppm of mercury. All soil generated from this area that was over 80 ppm was properly disposed of off site.
FINAL SOIL SAMPLING AT FINISH LOT GRADE
Based upon the NDEP approved sampling plan, Converse mobilized to the site on March 2, 3, 9, and 14, 2005, to collect soil samples from the finished lots. Soil samples were collected at 445 locations within the Santa Maria Ranch, Subdivision, Phase I (see attached map). Converse split 28 of the 445 samples to be submitted for blind analysis as part of the QA/QC process for the project, for a total of 473 soil samples that were submitted to Western Environmental Testing Laboratory, a Nevada Certified laboratory.
The samples were collected using hand and power augers. All the sampling tools were decontaminated by washing with soap, and water rinsing. The collected soil was placed in laboratory supplied jars, placed on ice (as recommended in EPA method 7471A), and delivered to Western Environmental Testing Laboratory to be tested for total mercury content by EPA method 7471A.
After final sampling was completed, ten lots were identified that required additional fill. The soil used for this was generated during finish grading on other lots within the subdivision (the finished grading involves the final leveling of the lot and only disturbs the near surface soil). Therefore, this soil would have been tested during the testing done

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However, Converse still performed one final test in each lot from 0 to 2 feet. Samples for this analysis were collected November 30, 2005.

SOIL SAMPLING RESULTS

The ten samples collected in November, 2005, reported mercury levels of less than 13 ppm. Of the 445 sample locations collected in March, 2005, 307 or 70% reported results less than 10 ppm of mercury. Of the remaining samples, seven or 2% reported results of 50 ppm or above. Of those seven samples, five were located on lots 130 through 139 in an area that was not disturbed by the mass grading. The two samples that were not located in this area were not above 80 ppm for mercury. Of the five samples in the undisturbed area, two were higher than the 80 ppm set by EPA. Both these samples were located on the lot line between lots 131 and 132, at a depth of 0 and 1 foot below grade. Based upon the results, Converse returned to the site on March 15, 2005, and collected additional samples in the area between lots 131 and 132.

The first set of samples was used to bracket the soil that was above 80 ppm of mercury, so it could be removed from the site. In order to accomplish this, Converse stepped off 5 feet in all directions from the two samples and collected an additional six soil samples from 0 to 1' below grade. The collected soil was placed in laboratory supplied jars, placed on ice (as recommended in EPA method 7471A), and delivered to Western Environmental Testing Laboratory, to be tested for total mercury content by EPA method 7471A. The samples reported 14 ppm, 77 ppm, 35 ppm, 3.7 ppm 3.9 ppm, and 3.9 ppm. Based upon these results, Converse identified an area of soil to be removed (see map for location). On March 23, 2005, soil in the identified area was removed down to two feet and was replaced with clean soil. Two soil samples were collected from the soil used as fill. The removed soil will be transported to Lockwood Land Fill for disposal.

An additional four soil samples were collected between lots 131 through 139, at a depth of 0 and 1 foot below grade, to try and identify if there were any addition hot spots in this area. None of these samples reported mercury above 80 ppm. Based upon this additional sampling, a total of 42 soil samples were collected between lots 131 through 139. The average mercury concentration in the samples collected from this area is 24 ppm (this average does not take in consideration the two soil samples over 80 ppm, because that soil will be removed from the site).

QA/QC PROCEDURES

QA/QC results for the laboratory are attached with the laboratory results. Of the 445 samples collected, 28 were split and delivered to the laboratory to be processed as blind split. The laboratory supplied Converse with their internal QA/QC requirement for soil splits conducted in house as a laboratory QA/QC. They explained that because the soil matrix is not a homogenous sample, they use a 20% Relative Percent Deviation for

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comparison. Converse compared their split samples based on this percentage. Of the 28 samples, 18 were within the 20% deviation and the average deviation for all samples was 19%. Based upon the nature of distribution of mercury within the soil and the average of the split results being within the 20% Relative Percent Deviation, Converse finds these results to be reliable.

CLOSURE

The behavior of soil contaminants is a complex phenomenon involving geochemistry, hydrogeology, and the geotechnical sciences. The results in this report are based upon the data obtained during soil sampling. The nature and extent of variations beyond this assessment may not become evident until further exploration/testing. The professional services provided and judgment rendered in this project meets current professional standards and do not carry any other guarantee.

Converse accepts no responsibility or liability to any person or organization for any claim, for loss or damage (including attorney's fees) caused, or believed to be caused, directly or indirectly by: conditions not revealed by the laboratory analyses performed; failure to perform other chemical analyses or utilize different test methods or equipment; or failure to locate or install additional sample points, test pits, soil borings, or monitoring wells.

Converse has appreciated the opportunity to work with you on this project. If you have any questions, please contact us at 775-856-3833.

Respectfully submitted,

CONVERSE CONSULTANTS

Kathi Brandmueller, P.E., C.E.M.¹

Enclosure: Site Map with Sample Locations

Laboratory Results Disposal Tickets

Cc/enc: Mr. Jeryl Gardner, NDEP

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¹ I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all Federal, State, and local statues, regulations, and ordinances.

I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.

		DEPTH BELOW	DATE	DECLUTE malks	NOTES
LOT NUMBERS	TEST NUMBERS	GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
1	431A	2	3/14/2005	13	
1	433A	1	3/14/2005	7.6	
1	435A	0	3/14/2005	2.2	
1/2	414A 🗸	0	3/14/2005	35	
1/2	415A /	2	3/14/2005	3.3	
1/2	416A /	1	3/14/2005	14	
2/3	417A <	1	3/14/2005	8.4	
2/3	418A ∤	0	3/14/2005	7.7	
2/3	419A √	2	3/14/2005	12	
3	420A ▼	2	3/14/2005	2	
3	421A √	1	3/14/2005	<2.0	
3	437A V	0	3/14/2005	<2.0	
4	429A	2	3/9/2005	52	
4	430A√	1	3/9/2005	28	Split
4	436A √	1	3/9/2005	35	
4/5	427A ✓	1	3/9/2005	29	
4/5	428A 🗸	0	3/9/2005	2.7	
4/139	376 🗸	2	3/3/2005	19	
4/5/139	377√	1	3/3/2005	14	
5/6	425A√	0	3/9/2005	15	Split
5/6	432A	0	3/9/2005	12	
5/6	426A/	2	3/9/2005	39	Split
5/6	434Av	2	3/9/2005	9.3	•
5/6/139	378	0	3/4/2005	2.2	
6/7	424A√	0	3/9/2005	11	
6/8	422A√	2	3/9/2005	12	
6/7/8	423A/	1	3/9/2005	7.5	
7/8	373 ✓	1	3/3/2005	3.3	
	374 √	2	3/3/2005	10	
7/8	375/	0	3/3/2005	<2.0	
7/8	1,	2	3/2/2005	<2.0	
9		. 0	3/2/2005	<2.0	
9	3 /	1	3/2/2005	4	
9			3/2/2005	6.2	
9/10	4 /	1	3/2/2005	<2.0	
9/10	5/	2	3/2/2005	6.8	
9/10	6/	0	3/2/2005	<2.0	
10/11	7 v	0	3/2/2005	3	
10/11	8 🗸	1		<2.0	
10/11	9 /	2	3/2/2005	<2.0	
11/12	10 /	2	3/2/2005	<2.0	
11/12	11,	0	3/2/2005		Calit
11/12	12,	11	3/2/2005	5.3	Split
11/12	13 ✓	1	3/2/2005	4.6	
12/13	14 🗸	11	3/2/2005	4.6	· · · · · · · · · · · · · · · · · · ·
12/13	15 ✓	2	3/2/2005	<2.0	
12/13	16.✓	0	3/2/2005	2.8	
13/14	17 ✓	2	3/2/2005	<2.0	
13/14	18 🗸	0	3/2/2005	4.7	
13/14	19 🗸	1	3/2/2005	5.4	

LOT NUMBERS	TEST NUMBERS	DEPTH BELOW GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
	20 V	0	3/2/2005	<2.0	110120
14/15 14/15	21 /	1	3/2/2005	<2.0	
	22 /	2	3/2/2005	2	
14/15		1	3/2/2005	<2.0	
15/16	23 √	2	3/2/2005	<2.0	
15/16	24 v			4.5	
15/16	25 ✓	0	3/2/2005		
16/17	26 ✓	0	3/2/2005	2.1	
16/17	27 🗸	1	3/2/2005		
16/17	28 ✓	2	3/2/2005	<2.0	
17/18	29 🗸	2	3/2/2005	<2.0	0 5
17/18	30 /	0	3/2/2005	4.9	Split
17/18	31 🗸	0	3/2/2005	5.5	
17/18	32 🗸	1	3/2/2005	<2.0	
18/19	33 /	1	3/2/2005	2.5	
18/19	34 🗸	2	3/2/2005	2	
18/19	35 🗸	0	3/2/2005	<2.0	
19/20	36 ✓	0	3/2/2005	3.3	
19/20	37 🗸	1	3/2/2005	6.1	
19/20	38 ✓	2	3/2/2005	3.2	
20/21	39 🗸	2	3/2/2005	<2.0	
20/21	40 🗸	0	3/2/2005	2.8	
20/21	41 🗸	1	3/2/2005	2.6	
21/22	42 /	1	3/2/2005	3.1	
21/22	43 🗸	2	3/2/2005	<2.0	
21/22	44 🗸	0	3/2/2005	2.7	
22/23	45 ✓	0	3/2/2005	6.8	
22/23	46 /	1	3/2/2005	19	
22/23	47 🗸	2	3/2/2005	5.7	
23/24	48 ✓	2	3/2/2005	<2.0	Split
23/24	49 🗸	2	3/2/2005	<2.0	•
23/24	50 🗸	0	3/2/2005	6.2	
23/24	51 /	1	3/2/2005	<2.0	
24/25	52 /	1	3/2/2005	5.4	
24/25	53 /	2	3/2/2005	<2.0	
24/25	54 🗸	0	3/2/2005	4.7	
24/25	52A v	1	3/9/2005	4.1	
24/25	53A ✓	2	3/9/2005	6.3	
	53A V	0	3/9/2005	11	
24/25	55A /	0	3/9/2005	3.2	
25/26	56A /	1	3/9/2005	<2.0	
25/26		2	3/9/2005	<2.0	
25/26	57A 🗸	2	3/9/2005	50	<u> </u>
26/27	58A /		3/9/2005	<2.0	
26/27	59A /	0		<2.0	
26/27	60A /	11	3/9/2005		
27	61A /	1	3/9/2005	7.5	
27	62A /	2	3/9/2005	9.5	
27	63A /	0	3/9/2005	9.7	C-1:4
28	407A ✓	1	3/9/2005 3/9/2005	<2.0 <2.0	Split

OT NUMBERS	TEST NUMBERS	DEPTH BELOW GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
28	409A ✓	0	3/9/2005	5.6 ∨	Split
28	410A √	0	3/9/2005	3.5	
28	411A √	2	3/9/2005	3.3 ∨	Split
28	412A 🗸	2	3/9/2005	2.5	
28/29	266 √	0	3/3/2005	< 2.0	
28/29	267 /	2	3/3/2005	< 2.0	
28/29/30	265 ✓	1	3/3/2005	< 2.0	
29/30	263 √	2	3/3/2005	4.7	
29/30	264 ✓	0	3/3/2005	< 2.0	
30	262 √	1	3/3/2005	2.9	
31	260 √	0	3/3/2005	< 2.0	
31	261 ✓	2	3/3/2005	3	
31/32	257 ✓	1	3/3/2005	5.3	
31/32	258 /	2	3/3/2005	< 2.0	- ,
31/32	259/	0	3/3/2005	< 2.0	
32/33	251 ✓	0	3/3/2005	11	Split
32/33	252✓	0	3/3/2005	8.2	
32/33	253 √	1	3/3/2005	5.1	Split
32/33	254 /	1	3/3/2005	9.1	, Op
32/33	255 ✓	2	3/3/2005	< 2.0	Split
32/33	256	2	3/3/2005	< 2.0	Орт
33/34	248 √	2	3/3/2005	2.6	
33/34	249 🗸	0	3/3/2005	4.3	
	250 ✓	1	3/3/2005	13	
33/34			3/3/2005	5	
34/35	245₹	1		3.7	
34/35	246	2	3/3/2005		
34/35	247/	0	3/3/2005	3.3	
35/36	242∢	2	3/3/2005	17	
35/36	2434	11	3/3/2005	11	
35/36	244√	0	3/3/2005	< 2.0	
36/37	239 /	1	3/3/2005	6.7	
36/37	240√	0	3/3/2005	< 2.0	
36/37	241	2	3/3/2005	5	
37	238√	2	3/3/2005	7.7	
38	155 √	0	3/3/2005	<2.0	
38	156 ⋅	1	3/3/2005	4.2	
38/39	152√	1	3/2/2005	6.1	
38/39	153 ✓	0	3/3/2005	14	
38/39	154 🗸	2	3/3/2005	19	
39/40	128	2	3/2/2005	<2.0	
39/40/41	126 ₹	0	3/2/2005	6.8	
39/41	127	1	3/2/2005	16	
40/41	124/	0	3/2/2005	5.3	
40/41	125	2	3/2/2005	<2.0	
40/41	157	1	3/3/2005	17	
41/42	129	2	3/2/2005	<2.0	
41/42	130 /	1	3/2/2005	5.2	
41/42	131 /	0	3/2/2005	7.5	
42/43	132 4	2	3/2/2005	20	
42/43	133 /	1	3/2/2005	3.7	

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LOT NUMBERS	TEST NUMBERS	DEPTH BELOW GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
42/43	134 √	0	3/2/2005	<2.0	
43/44	149 ✓	2	3/2/2005	19	
43/44	150 🗸	1	3/2/2005	6.8	
43/44	151 🗸	0	3/2/2005	10	
44/45	146 /	1	3/2/2005	33	
44/45	147 ✓	0	3/2/2005	4.4	
44/45	148 ✓	2	3/2/2005	8.5	
45/46	135 ✓	2	3/2/2005	2.8	
45/46	136 ✓	1	3/2/2005	8.7	
45/46	137 /	0	3/2/2005	11	
46/47	138 /	1	3/2/2005	17	
46/47	139√	2	3/2/2005	<2.0	
46/47	140 /	0	3/2/2005	7	
47/48	141 🗸	2	3/2/2005	<2.0	
47/48	142√	1	3/2/2005	11	
47/48	143 ✓	0	3/2/2005	10	
48	144 🗸	1	3/2/2005	10	
48	145 ✓	2	3/2/2005	15	
49	236	0	3/3/2005	11	
49	237/	2	3/3/2005	11	
49/50	233 ′	2	3/3/2005	20	
49/50	234 🗸	0	3/3/2005	8.2	
49/50	235 🗸	1	3/3/2005	3.9	
50	230 /	0	3/3/2005	3.2	
50	232 /	2	3/3/2005	4.9	
51	231/	1	3/3/2005	9.8	
51/52	227 /	2	3/3/2005	12	
51/52	228/	0	3/3/2005	4.6	
51/52	229 /	0	3/3/2005	5.7	
52/53	224/	2	3/3/2005	15	
52/53	225/	0	3/3/2005	8.6	
52/53	226	0	3/3/2005	< 2.0	
53	221√	2	3/3/2005	9.8	
53	222 √	1	3/3/2005	12	
53	223/	0	3/3/2005	2.2	
53/54	218√	0	3/3/2005	2.4	
53/54	219/	2	3/3/2005	14	
53/54	220✓	1	3/3/2005	24	
54/55	215 _r	0	3/3/2005	2.5	
54/55	216	2	3/3/2005	24	
54/55	217 🗸	1	3/3/2005	14	
55/56	209/	2	3/3/2005	11	Split
55/56	210√	2	3/3/2005	8.7	•
55/56	211,	1	3/3/2005	10	Split
55/56	212/	1	3/3/2005	12	•
55/56	213√	0	3/3/2005	12	Split
55/56	214/	0	3/3/2005	16	•
56/76	206/	2	3/3/2005	11	
56/76	207	0	3/3/2005	3.7	
56/76	208	1	3/3/2005	10	

		DEPTH BELOW		T T	
LOT NUMBERS	TEST NUMBERS	GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
57	92 ✓	2	3/2/2005	<2.0	
57	93 -	1	3/2/2005	14	
57/58	94 √	2	3/2/2005	<2.0	
57/58	95 ✓	1	3/2/2005	9.8	, 63
57/58	96 🗸	0	3/2/2005	<2.0	
58/59	97⊀	0	3/2/2005	<2.0	
58/59	98 🗸	1	3/2/2005	<2.0	
58/59	99 🗸	2	3/2/2005	<2.0	-
59/60	100/	1	3/2/2005	<2.0	
59/60	101	0	3/2/2005	<2.0	
59/60	102 🗸	2	3/2/2005	<2.0	
60/61	103	2	3/2/2005	<2.0	
60/61	104-/	1	3/2/2005	<2.0	
60/61	105 ✓	0	3/2/2005	3	
61/62	106√	1	3/2/2005	<2.0	
61/62	107/	0	3/2/2005	<2.0	
61/62	108 /	2	3/2/2005	<2.0	
62/63	109	0	3/2/2005	<2.0	
62/63	110 1	1	3/2/2005	2.3	
62/63	111/	2	3/2/2005	<2.0	
63/64	112/	2	3/2/2005	<2.0	,
63/64	113/	1	3/2/2005	<2.0	
63/64	114/	0	3/2/2005	<2.0	
64/65	115/	1	3/2/2005	16	
64/65	116 /	Ö	3/2/2005	18	
64/65	117	2	3/2/2005	2.8	
65/66	118 🗸	2	3/2/2005	<2.0	Split
65/66	119 /	2	3/2/2005	<2.0	
65/66	120/	0	3/2/2005	8.7	
65/66	121	1	3/2/2005	<2.0	
66	122/	2	3/2/2005	<2.0	
66	123/	1	3/2/2005	<2.0	
67	64 🗸	2	3/2/2005	20	
67	413A	1	3/9/2005	17	
67/68	65 ✓	1	3/2/2005	10	
67/68	66 /	0	3/2/2005	12	
67/68	67/	2	3/2/2005	47	
68/69	68/	2	3/2/2005	16	
68/69	69/	1	3/2/2005	11	
68/69	70×	0	3/2/2005	22	
69/70	71/	0	3/2/2005	13	
69/70	72.	1	3/2/2005	13	
69/70	73/	2	3/2/2005	19	
70/71	74 "	1	3/2/2005	9.3	f 1
70/71	75/	1	3/2/2005	9.3	
70/71	76 √	0	3/2/2005	10	
70/71	777	2	3/2/2005	4.3	
71/72	78,	2	3/2/2005	<2.0	
71/72	79/	1	3/2/2005	19	
71/72	80./	Ö	3/2/2005	14	
11112				 	



LOT NUMBERS	TEST NUMBERS	DEPTH BELOW GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
72/73	81√	1	3/2/2005	3.8	
72/73	82 ✓	0	3/2/2005	7.8	
72/73	83 ✓	2	3/2/2005	<2.0	
73/74	84 /	0	3/2/2005	16	
73/74	85 🗸	1	3/2/2005	14	
73/74	86 ✓	2	3/2/2005	2.7	
74/75	87 /	2	3/2/2005	<2.0	
74/75	88 /	1	3/2/2005	9.8	
74/75	89 /	0	3/2/2005	<2.0	
75	90 /	2	3/2/2005	<2.0	
75 75	91 √	1	3/2/2005	<2.0	
		2	3/3/2005	4.1	Split
76/77	200/			7.9	Oplit
76/77	201 /	2	3/3/2005		Colit
76/77	202√	1	3/3/2005	11	Split
76/77	203	1	3/3/2005	8.1	O=1;r
76/77	204 🗸	0	3/3/2005	5.9	Split
76/77	205	0	3/3/2005	10	
77/78	197	1	3/3/2005	5.5	
77/78	198/	0	3/3/2005	9	
77/78	199 ✓	2	3/3/2005	25	
78/79	194	0	3/3/2005	16	<u> </u>
78/79	195∢	2	3/3/2005	11	
78/79	196/	1	3/3/2005	6.4	-
79/80	192/	1	3/3/2005	13	
79/80	1937	2	3/3/2005	< 2.0	
79/80/81	191 /	0	3/3/2005	2.3	
80/81	188√	2	3/3/2005	< 2.0	
80/81	189√	1	3/3/2005	< 2.0	
80/81	1901	0	3/3/2005	3	
81/82	185/	2	3/3/2005	3.2	
81/82	186	0	3/3/2005	3.2	
	187 🗸	1	3/3/2005	13	
81/82		0	3/3/2005	5.7	
82/83	182 /		3/3/2005	25	
82/83	183 /	2		22	
82/83	184/	1	3/3/2005		
83/84	179√	0	3/3/2005	8.1	
83/84	180/	1	3/3/2005	3.6	
83/84	181∢	2	3/3/2005	59	0.19
84/85	173/	2	3/3/2005	5.2	Split
84/85	174√	2	3/3/2005	4.6	
84/85	175/	0	3/3/2005	6.9	Split
84/85	176 ^{-/}	0	3/3/2005	6.1	
84/85	177√	1	3/3/2005	<2.0	Split
84/85	178/	1	3/3/2005	<2.0	
85/86	170/	0	3/3/2005	5.4	
85/86	171√	2	3/3/2005	2.6	
85/86	172/	1	3/3/2005	3.5	
86/87	167/	2	3/3/2005	7.5	
86/87	1684	1	3/3/2005	5.3	
86/87	169/	0	3/3/2005	9.2	

		DEPTH BELOW		Ī	
LOT NUMBERS	TEST NUMBERS	GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
87/88	164/	2	3/3/2005	3.8	
87/88	165	0	3/3/2005	12	
87/88	166/	1	3/3/2005	5.8	
88/89	161/	0	3/3/2005	13	
88/89	162 √	2	3/3/2005	4.8	
88/89	163 √	1	3/3/2005	4.4	
89	158	0	3/3/2005	13	
89	159*	1	3/3/2005	10	
89	160	2	3/3/2005	3.1	
90	404A	1	3/9/2005	7.6	
90	405A /	0	3/9/2005	36	
90	406A <	2	3/9/2005	6.4	
90/91	401A	1	3/9/2005	22	
90/91	402A	2	3/9/2005	<2.0	
90/91	403A /	0	3/9/2005	12	
91/92	398A 🗸	2	3/9/2005	3.7	·
91/92	399A /	1	3/9/2005	31	
91/92	400A √	0	3/9/2005	25	
92/93	395A√	0	3/9/2005	23	
92/93	396A	2	3/9/2005	5.8	
92/93	397A/	1	3/9/2005	9.1	
93	6B/	0-2	11/28/2005	9.8	
93/94	392A'	1	3/9/2005	<2.0	
93/94	393A 🗸	0	3/9/2005	41	
93/94	394A.	2	3/9/2005	9	
94/95	323√	2	3/3/2005	17	
94/95	324₹	1	3/3/2005	7.2	
94/95	325/	0	3/3/2005	9.7	
95/96	326-/	0	3/3/2005	<2.0	<u>-</u>
95/96	327′	2	3/3/2005	<2.0	
95/96	328′	1	3/3/2005	<2.0	
96	7B/	0-2	11/28/2005	12	
96	329 /	1	3/3/2005	5.3	
96	330√	0	3/3/2005	3.6	
96	331√	2	3/3/2005	<2.0	
97	9B/	0-2	12/28/2005	5.1	
97/113	296√	0	3/3/2005	< 2.0	
97/113	297∕	2	3/3/2005	< 2.0	
97/113	298√	1	3/3/2005	< 2.0	
113	8B /	0-2	11/28/2005	<2.0	
97/98	299√	2	3/3/2005	3.8	
97/98	300√	0	3/3/2005	9.8	
97/98	301/	1	3/3/2005	<2.0	
98	10B√	0-2	11/28/2005	4.7	
98/99	302₹	2	3/3/2005	3.6	
98/99	303 🗸	1	3/3/2005	29	
98/99	304	0	3/3/2005	4.6	
100	320/	2	3/3/2005	16	
100	321	0	3/3/2005	11_	
100	322/	1	3/3/2005	31	

	=======================================	DEPTH BELOW			
LOT NUMBERS	TEST NUMBERS	GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
100/101	317/	0	3/3/2005	23	
100/101	318 🗸	2	3/3/2005	19	
100/101	319	1	3/3/2005	21	
101/102	314✓	2	3/3/2005	10	
101/102	315/	1	3/3/2005	17	-
101/102	316	0	3/3/2005	10	
102/103	311,	1	3/3/2005	34	
102/103	312-	0	3/3/2005	19	
102/103	313/	2	3/3/2005	<2.0	
103/104	308₹	0	3/3/2005	6.6	
103/104	309/	2	3/3/2005	12	
103/104	310/	1	3/3/2005	40	
	305/	2	3/3/2005	3.7	
104			3/3/2005	<2.0	
104	306✓	1		<2.0	
104	307-	0	3/3/2005		Colit
105/106	272√	2	3/3/2005	11	Split
105/106	273∢	2	3/3/2005	6.6	
105/107	277₹	1	3/3/2005	13	1
105/106/107	274√	0	3/3/2005	5.1	
105	268/	0	3/3/2005	< 2.0	Split
105	269√	0	3/3/2005	< 2.0	
105	270/	1	3/3/2005	4	Split
105	271/	1	3/3/2005	4.3	
106/107	275/	1	3/3/2005	< 2.0	
106/107	276/	2	3/3/2005	< 2.0	
107/108	278√	0	3/3/2005	2.1	
107/108	279/	2	3/3/2005	2.6	
107/108	280/	1	3/3/2005	16	
108/109	281	1	3/3/2005	< 2.0	
108/109	2821	0	3/3/2005	4.9	
108/109	283/	2	3/3/2005	19	
109/110	284	2	3/3/2005	5.3	
	285/	0	3/3/2005	42	
109/110			3/3/2005	16	
109/110	2864	1		4.1	<u> </u>
110/111	2871	0 2	3/3/2005	< 2.0	
110/111	288*		3/3/2005	< 2.0	
110/111	289 1	1	3/3/2005		
111/112	290 /	2	3/3/2005	< 2.0	
111/112	291 '	1	3/3/2005	14	
111/112	292.	0	3/3/2005	25	
112/113	293/	11	3/3/2005	< 2.0	
112/113	294/	0	3/3/2005	8.2	
112/113	295	2	3/3/2005	15	
114	352A✓	0	3/9/2005	<2.0	
114	353A.⁄	1	3/9/2005	<2.0	
114	355A ′	2	3/9/2005	<2.0	
114/115	349A√	1	3/9/2005	<2.0	
114/115	350A/	0	3/9/2005	2.5	
114/115	351A √	2	3/9/2005	2.2	
115/116	346A√	1	3/9/2005	<2.0	



LOTALIMPEDO	TEST NUMBERS	DEPTH BELOW GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
LOT NUMBERS	347A √		3/9/2005	4.9	HOTES
115/116	347A*	0	3/9/2005	<2.0	
115/116	346A* 332*	0	3/3/2005	2.8	
116/117	333v	1	3/3/2005	<2.0	
116/117	334	2	3/3/2005	<2.0	
116/117		2	3/3/2005	<2.0	 -
117/118	335/ 336 [/]	0	3/3/2005	2.3	
117/118	337/	1	3/3/2005	<2.0	
117/118		1	3/3/2005	<2.0	
118/119	338√		3/3/2005	<2.0	
118/119	339 /	2	3/3/2005	<2.0	
118/119	340√		3/3/2005	10	
119	341/	0		<2.0	
119	342√	1	3/3/2005 3/3/2005	<2.0	
119	343	2		<2.0	Split
120	356A√	2	3/9/2005		Split
120	357A.	2	3/9/2005	<2.0	Calit
120	358A./	0	3/9/2005	<2.0	Split
120	359A ⁴	0	3/9/2005	<2.0	Celli
120	360A [/]	1	3/9/2005	<2.0	Split
120	361A ⁷	1	3/9/2005	4.2	
120/121	362A ^{-/}	0	3/9/2005	<2.0	
120/121	363A-/	1	3/9/2005	<2.0	
120/121	364A ⁴	2	3/9/2005	<2.0	
121/122	365A ⁷	1	3/9/2005	44	
121/122	366A ⁷	2	3/9/2005	4.5	
121/122	367A'	0	3/9/2005	<2.0	
122/123	368A ⁴	2	3/9/2005	7.3	
122/123	369A1	0	3/9/2005	5.2	
122/123	370A ′	1	3/9/2005	<2.0	
123	371A ′	0	3/9/2005	12	
123	372A '	1	3/9/2005	27	
123	373A ⁷	2	3/9/2005	20	
124/125	377A √	0	3/9/2005	4.5	
124/125	378A √	1	3/9/2005	5.4	
124\125	379A√	2	3/9/2005	14	
124	5B √	0-2	1/30/2005	11	
124	374A √	1	3/9/2005	8.8	
124	375A√	2	3/9/2005	5.4	
124	376A.✓	0	3/9/2005	17	
125	48√	0-2	11/28/2005	12	
125/126	380A/	2	3/9/2005	<2.0	
125/126	381A,	0	3/9/2005	11	
125/126	382A ✓	1	3/9/2005	15	
126	3B√	0-2	11/28/2005	8.3	
126/127	383A/	0	3/9/2005	5.6	,
126/127	384AV	1	3/9/2005	11	
126/127	385A-	2	3/9/2005	13	
127	2B,√	0-2	11/28/2005	4.9	
127/128	386A/	1	3/9/2005	11	
127/128	387A ∕	2	3/9/2005	5.8	

		DEPTH BELOW			
LOT NUMBERS	TEST NUMBERS	GRADE (FEET)	DATE	RESULTS mg/kg	NOTES
127/128	388A.	0	3/9/2005	5.1	
128	1B ✓	0-2	11/28/2005	11	
128/129	389A√	2	3/9/2005	9.7	
128/129	390A /	0	3/9/2005	13	
128/129	391A ✓	1	3/9/2005	15	
129/130	344√	0	3/3/2005	12	
129/130	345•	1	3/3/2005	21	
129/130	346′	2	3/9/2005	20	
130/131	347⊀	1	3/9/2005	11	.,
130/131	348√	2	3/9/2005	4	
131	B√	0-1	3/15/2005	77	
131	D√	0-1	3/15/2005	3.7	
131/132	349/	1	3/9/2005	180	Soil Removed
131/132	350/	0	3/9/2005	120	Soil Removed
131/132	351,/	2	3/9/2005	29	
131/132	Α/	0-1	3/15/2005	14	
131/132	F/	0-1	3/15/2005	3.9	
132	352 ∕	2	3/9/2005	40	
132	C/	0-1	3/15/2005	35	
132	E√	0-1	3/15/2005	3.9	
133	353√	0	3/9/2005	4.1	·
133	354√	1	3/9/2005	51	
133	G-/	0-1	3/15/2005	40	
133/134	355√	2	3/9/2005	27	
133/134	356/	1	3/3/2005	78	
133/134	357/	0	3/3/2005	23	
134	H	0-1	3/15/2005	<2.0	
134/135	358 🗸	1	3/3/2005	27	
134/135	359	0	3/3/2005	17	
134/135	360~	2	3/3/2005	21	
135/136	361	0	3/3/2005	9.7	
135/136	362	2	3/3/2005	21	
135/136	363✓	1	3/3/2005	27	
136/137	364	2	3/3/2005	22	
136/137	365~	1	3/3/2005	<2.0	
136/137	366✓	0	3/3/2005	4.6	
137/138	367	2	3/3/2005	<2.0	
137/138	368	0	3/3/2005	29	
137/138	369	1	3/3/2005	6	
138	1/	0-1	3/15/2005	49	
138/139	370-/	0	3/3/2005	7.1	
138/139	371	2	3/3/2005	41	
138/139	372▼	1	3/3/2005	74	
139	j /	0-1	3/15/2005	50	