

EFFICIENCY LINE No. 2636


Sample # | LOCATION (ft)

	BT/MD-79	2N S	3E W	4A ₂ (ppb)	5A (ppm)	6 ORGANIC	7 CLAY	8 CARB	9
1	1301	5500N	0E	30	4				
2	1302	5000N	0E	34	5				
3	1303	4500N	0E	44	2				
4	1304	4000N	0E	55	7				
5	1305	3500N	0E	316	6				
6	1306	3000N	0E	4061	5				
7	1307	2500N	0E	213	4				
8	1308	2000N	0E	77	3				
9	1309	1500N	0E	536	3				
10	1310	1000N	0E	57	4				
11	1311	500N	0E	43	4				
12	1312	0N	0E	20	3				
13	1313	0N	500W	63	3				
14	1314	0N	1000W	23	4				
15	1315	0N	1500W	23	1				
16	1316	0N	2000W	34	4				
17	1317	0N	2500W	28	3				
18	1318	500N	2500W	39	5				
19	1319	500N	2000W	22	3				
20	1320	500N	1500W	34	5				
21	1321	500N	1000N	57	2				
22	1322	500N	500W	29	5				
23	1323	0N	500E	22	2				
24	1324	0N	1000E	15	2				
25	1325	0N	1500E	24	3				
26	1326	0N	2000E	24	3				
27	1327	0N	2500E	19	3				
28	1328	500N	2500E	15	3				
29	1329	500N	2000E	18	2				
30	1330	500N	1500E	24	1				
31									

EFFICIENCY LINE No. 2636
AMPAG

	SAMPLE N.	LOCATION (ft)		9/5 (ppt)	AL ppm	6	7	8	9
	61/mm-79-	7 N-S	8 E-W						
31	1331	500N	1000E	14	1				
32	1332	500N	500E	15	1				
33	1333	1000N	500W	193	4				
34	1334	1000N	1000W	72	2				
35	1335	1000N	1500W	22	3				
36	1336	1000N	2000W	21	2				
37	1337	1000N	2500W	25	3				
38	1338	1500N	2500W	17	3				
39	1339	1500N	2000W	29	3				
40	1340	1500N	1500W	39	5				
41	1341	1500N	1000W	73	5				
42	1342	1500N	500W	277	4				
43	1343	1500N	500E	73	<1				
44	1344	1500N	1000E	93	4				
45	1345	1500N	1500E	23	3				
46	1346	1500N	2000E	23	3				
47	1347	1500N	2500E	11	<1				
48	1348	1000N	2500E	20	1				
49	1349	1000N	2000E	22	2				
50	1350	1000N	1500E	23	2				
51	1351	1000N	1000E	32	<1				
52	1352	1000N	500E	117	3				
53	1353	2000N	500W	927	4				
54	1354	2000N	1000W	306	4				
55	1355	2000N	1500W	24	5				
56	1356	2000N	2000W	183	6				
57	1357	2000N	2500W	97	3				
58	1358	2500N	2500W	47	2				
59	1359	2500N	2000W	31	3				
60	1360	2500N	1500W	83	3				
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SAMPLE #

EFFICIENCY LINE No. 2636
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	VT/mm-79	2N	S	3E	W	4 As (ppb)	5 As (ppm)	6	7	8	9
128 ¹	1429	3000N		5000E		37	4				
129 ²	1430	2500N		5000E		52	1				
130 ³	1431	2000N		5000E		24	6				
131 ⁴	1432	2000N		4500E		21	3				
132 ⁵	1433	2000N		4000E		73	6				
133 ⁶	1434	2000N		3500E		27	7				
134 ⁷	1435	2000N		3000E		43	3				
135 ⁸	1436	2500N		3000E		31	6				
136 ⁹	1437	2500N		3500E		24	6				
137 ¹⁰	1438	2500N		4000E		32	6				
138 ¹¹	1439	2500N		4500E		30	5				
139 ¹²	1440	2500N		5500E		21	3				
140 ¹³	1441	2500N		6000E		20	4				
141 ¹⁴	1465	2000N		6000E		13	3				
142 ¹⁵	1466	2000N		5500E		17	3				
143 ¹⁶	1467	3000N		5400E		32	4				
144 ¹⁷	1468	3000N		5900E		20	3				
145 ¹⁸	1469	3500N		5900E		34	3				
146 ¹⁹	1470	3500N		5400E		17 , 18	3				
147 ²⁰	1471	3500N		5000E		13	4				
148 ²¹	1472	3500N		4500E		18	4				
149 ²²	1473	3500N		4000E		20	4				
150 ²³	1474	3500N		3500E		30	3				
151 ²⁴	1475	4000N		3500E		38	7				
152 ²⁵	1476	4000N		4000E		124	3				
153 ²⁶	1477	4000N		4500E		14	3				
154 ²⁷	1478	4000N		5000E		19	3				
155 ²⁸	1479	4000N		5500E		69	12				
156 ²⁹	1480	4000N		6000E		21	5				
157 ³⁰	1481	3000N		4500E		22	5				
158 ³¹	1482	3000N		4000E		30	6				

SAMPLE#

		1 UT/MM-YY	2 N S	3 E W	4 Hg (ppb)	5 A (ppm)	6	7	8	9
159	1	1483	3000N	3500E	22	4				
160	2	1484	3000N	3000E	30	5				
161	3	1485	4500N	5000E	63	7				
162	4	1486	4500N	5500E	34	7				
163	5	1487	4500N	6000E	41	5				
164	6	1488	5000N	6000E	64	9				
165	7	1489	5000N	5500E	32	4				
166	8	1490	5000N	5000E	41	3				
167	9	1491	5000N	4500E	26	5				
168	10	1492	5000N	4000E	43	23				
169	11	1493	5000N	3500E	27	6				
170	12	1494	5000N	3000E	87	12				
171	13	1495	4500N	3000E	15	2				
172	14	1496	4500N	3500E	28	3				
173	15	1497	4500N	4000E	33	5				
174	16	1498	4500N	4500E	30	3				
175	17	1499	6000N	5000E	50	7				
176	18	1500	6000N	5500E	24	3				
177	19	1501	6000N	6000E	23	5				
178	20	1502	5500N	6000E	21	7				
179	21	1503	5500N	5500E	71	7				
180	22	1504	5500N	5000E	141	10				
181	23	1505	5500N	4500E	19	3				
182	24	1506	5500N	4000E	26	6				
183	25	1507	5500N	3500E	38	10				
184	26	1508	5500N	3000E	57	14				
185	27	1509	6000N	3000E	57	10				
186	28	1510	6000N	3500E	19	2				
187	29	1511	6000N	4000E	54	5				
188	30	1512	6000N	4500E	42	6				
189	31	1513	6500N	5000E	25	4				

EFFICIENCY LINE No 2636
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SAMPLE #

	¹ UT/mm-79	² N	³ E	W	⁴ Hg(ppb)	⁵ As (ppb)	6	7	8	9
190 ¹	1514	7000N	5000E		20	5				
191 ²	1515	7500N	5000E		30	4				
192 ³	1516	7500N	4500E		21	3				
193 ⁴	1517	7500N	4000E		28	3				
194 ⁵	1518	7500N	3500E		41	4				
195 ⁶	1519	7500N	3000E		100	3				
196 ⁷	1520	7000N	3500E		44	3				
197 ⁸	1521	7000N	3000E		283	9				
198 ⁹	1522	7000N	4000E		33	5				
199 ¹⁰	1523	7000N	4500E		31	4				
200 ¹¹	1524	6500N	4500E		28	4				
201 ¹²	1525	6500N	4000E		41	4				
202 ¹³	1526	6500N	3500E		21	6				
203 ¹⁴	1527	6500N	3000E		194	5				
204 ¹⁵	1528	6500N	2500E		4883	5				
205 ¹⁶	1529	6500N	2048E		257	6				
206 ¹⁷	1530	6500N	1500E		143	5				
207 ¹⁸	1531	6000N	1500E		39	3				
208 ¹⁹	1532	6000N	2000E		96	21				
209 ²⁰	1533	6000N	2500E		32	5				
210 ²¹	1534	5500N	2500E		744	4				
211 ²²	1535	8000N	3000E		93	4				
212 ²³	1536	8000N	3500E		49	2				
213 ²⁴	1537	8000N	4000E		48	5				
214 ²⁵	1538	8000N	4500E		45	3				
215 ²⁶	1539	8000N	5000E		158	4				
216 ²⁷	1540	7500N	5500E		43	3				
217 ²⁸	1541	7000N	5500E		36	8				
218 ²⁹	1542	6500N	5500E		21	1				
219 ³⁰	1543	6500N	6000E		22	3				
220 ³¹	1544	7000N	6000E		38	6				

EFFICIENCY LINE NO. 2688



SAMPLE#

221

1 UT/mm-79	2 N S	3 E W	4 Hg (ppb)	5 As (ppm)	6	7	8	9
1545	7500N	6000E	85	75				
1546	8000N	6000E	32	3				
1547	8000N	5500E	17	3				
1548	8500N	5000E	16	4				
1549	9000N	5000E	30	4				
1550	9000N	5500E	19	3				
1551	9000N	6000E	14	3				
1552	8500N	6000E	21	4				
1553	8500N	5500E	24	3				
1554	8500N	4500E	20	5				
1555	8500N	4000E	17	3				
1556	8500N	3500E	33	7				
1557	8500N	3000E	188	11				
1558	8500N	2500E	117	19				
1559	8500N	2000E	2996	11				
1560	8500N	1500E	86	6				
1561	8000N	1500E	779	7				
1562	8000N	2000E	5290	10				
1563	8000N	2500E	1252	24				
1564	4000N	3000E	76	6				
1565	3588N	3000E	23	5				
1566	5500N	2000E	250	5				
1567	5500N	1500E	46	3				
1568	5500N	1000N	46	4				
1569	5500N	500E	410	18				
1570	7500N	2500E	36	6				
1571	7500N	2000E	186	7				
1572	7500N	1500E	3408	8				
1573	7000N	1500E	2884	6				
1574	7000N	2000E	153	9				
1575	7000N	2500E	93	<1				

251

SAMPLE #

252

1 UT/mm-79	2 N S	3 E W	4 Hg(ppb)	5 As (ppm)	6	7	8	9
1576	9000 N	1500 E	36	5				
1577	9000 N	2000 E	122	9				
1578	9000 N	2500 E	29	7				
1579	9000 N	3000 E	22	2				
1580	9000 N	3500 E	27	5				
1581	9000 N	4000 E	30	5				
1582	9000 N	4500 E	30	4				
1583	9500 N	5000 E	22	4				
1584	10,000 N	5000 E	25	4				
1585	10,500 N	5000 E	21	4				
1586	10,500 N	5500 E	19	3				
1587	10,500 N	6000 E	19	3				
1588	10,000 N	6000 E	26	6				
1589	9500 N	6000 E	20	4				
1590	9500 N	5500 E	18	2				
1591	10,000 N	5500 E	24	5				
1592	10,000 N	4500 E	28	6				
1593	10,500 N	4500 E	17	4				
1594	9,500 N	4500 E	24	4				

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Conductivity Station #1

361

EFFICIENCY® LINE No. 2636
AMPAD

	1	2	3	4 Hg (ppb)	5 R step	6	7	8	9
1	1685	9500 N	3000 E	63	14				
2	1686	9500 N	3500 E	36	3				
3	1687	9500 N	4000 E	29	1				
4	1688	500 S	0 W	27	3				
5	1689	1000 S	0 W	23	2				
6	1690	1000 S	500 W	23	2				
7	1691	1000 S	1000 W	43	3				
8	1692	1000 S	1500 W	50	6				
9	1693	1000 S	2000 W	31	3				
10	1694	1000 S	2500 W	38	1				
11	1695	1000 S	3000 W	31	4				
12	1696	500 S	3000 W	34	3				
13	1697	500 S	2500 W	52	4				
14	1698	500 S	2000 W	40	3				
15	1699	500 S	1500 W	32	4				
16	1700	500 S	1000 W	52	4				
17	1701	500 S	500 W	22	3				
18	1702	500 S	500 E	28	3				
19	1703	1000 S	500 E	30	2				
20	1704	2000 S	0 E	32	3				
21	1705	2000 S	500 W	25	3				
22	1706	2000 S	1000 W	45	3				
23	1707	2000 S	1500 W	29	2				
24	1708	2000 S	2000 W	35	2				
25	1709	2000 S	2500 W	39	3				
26	1710	2000 S	3100 W	25	1				
27	1711	2500 S	2960 W	21	4				
28	1712	2500 S	3460 W	21	1				
29	1713	2500 S	3960 W	44	7				
30	1714	2500 S	2460 W	26	4				
31									

390

Sample No. Location #1

AMPAD EFFICIENCY® LINE No. 2636

391

	1	2	3	4 Hg(ppb)	5 As(ppb)	6	7	8	9
1	1715	2500S	1960W	24	5				
2	1716	2500S	1460W	25	6				
3	1717	2500S	40E	25	6				
4	1718	2500S	460W	26	4				
5	1719	2500S	960W	19	5				
6	1720	3000S	48E	70	2				
7	1721	3500S	56E	24	5				
8	1722	3500S	444W	24	4				
9	1723	3500S	944W	19	4				
10	1724	3500S	1444W	27	4				
11	1725	3500S	1944W	33	4				
12	1726	3500S	2444W	29	6				
13	1727	3500S	2944W	28	1				
14	1728	3500S	3444W	21	5				
15	1729	3500S	3944W	28	2				
16	1730	3000S	3952W	24	4				
17	1731	3000S	3452W	28	5				
18	1732	3000S	2952W	36	2				
19	1733	3000S	2452W	57	5				
20	1734	3000S	1952W	21	5				
21	1735	3000S	1452W	18	3				
22	1736	3000S	952W	23	4				
23	1737	3000S	452W	21	3				
24	1738	4000S	64E	21	2				
25	1739	4500S	72E	27	1				
26	1740	4500S	428W	36	2				
27	1741	4500S	928W	41	2				
28	1742	4500S	1428W	45	3				
29	1743	4500S	1928W	64	3				
30	1744	4500S	2428W	62	8				
31									

420

M-789L
FILE
TITLE

PLANGOO

Plan MAP Parameters

Plot Parameters

2 1/2 x 11

Units	1	1
Scale	1000	2000
XM	14.0	6.0
YM	19.4	9.5
CH	0.7	.05
SBL		1
X0, Y0	-5000, -8000	-5000, -8000
Pen Color	BLACK	
Pen Size	4	

RECORD No	10	11	12
Figure name	ORGANIC	CLAY	CARBONATE
Figure No	-	-	-
SAMPLE TYPE	soil	soil	soil
ANALYTIC METHOD	VISUAL	VISUAL	acid
No of DATA Values			(see file)
No of DIGITS	-1	-1	-1

SECTION CORNERS (COORDINATES)	RECORD NO 1 (X) N = POSITIVE S = NEGATIVE	RECORD NO 2 (Y) E = POSITIVE W = NEGATIVE	RECORD NO 5 SYMBOL CODE	RECORD NO 6 LEAVE BLANK
1	-5275	0	2	
2	0	0		
3	5580	0		
4	1085	0		
5	1085	5275		
6	5580	5250		

FOR ALL SAMPLES

M-261
FIELD
TITLE

Plot MAP Parameters

2 1/2 x 11

Plot Parameters

Units	1	1
Scale	1,000	2000
XM	14.0	6.0
YM	19.4	9.5
CH	0.7	.05
SBL	1	1
X0, Y0	-5000, -8000	-5000, -8000

Pen Color BLACK
Pen Size 4

RECORD No	10	11	12
Figure name	ORGANIC	CLAY	CARBONATE
Figure No	-	-	-
SAMPLE TYPE	soil	soil	soil
ANALYTIC METHOD	VISUAL	VISUAL	acid
No of DATA Values	-	-	(see file)
No of DIGITS	-1	-1	-1

SECTION CORNERS (COORDINATES)	RECORD NO: 1 (X) N = POSITIVE S = NEGATIVE	2 (Y) E = POSITIVE W = NEGATIVE	5 SYMBOL CODE	6 LEAVE BLANK
1	-5275	0	2	
2	0	0		
3	5580	0		
4	1085	0		
5	1085	5275		
6	5580	5250		

FOR ALL SAMPLES

Planmap

4/14/82

Ag - Threshold changed to 0.

The following Elements

couldn't be done for

Log Probability Statistics

8	Si	25	As
13	V	24	Sb
17	Ni	27	Bi
19	Mo	28	W
20	Pb	29	Te
22	Cd	30	Sn
23	Ag	34	B
24	Au	38	Tl

Plan 600

4/14/82

The following Elements

couldn't be done for

Log Probability Statistics

2	Hg
3	As*
4	Organic
5	Clay
6	Carb

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N	E	ORGANIC		CLAY		CARB						
1361	2500 N	1000 W	MOD	20	RICH-MOD	25	Pres	5					
1362	2500 N	500 W	MOD	20	RICH-MOD	25	Pres	5					
1363	2000 N	500 E	MOD	20	EXTREMELY RICH	40	NONE	0					
1364	2000 N	1000 E	RICH	30	MOD-POOR	15	PRES	5					
1365	2000 N	1500 E	LITTLE	10	MOD	20	NONE	0					
1366	2000 N	2000 E	MOD-RICH	25	RICH	30	NONE	0					
1367	2000 N	2500 E	RICH	30	MOD-RICH	25	NONE	0					
1368	2500 N	2500 E	LITTLE	10	MOD	20	NONE	0					
1369	2500 N	2000 E	LITTLE	10	RICH	30	NONE	0					
1370	2500 N	1500 E	RICH-MOD	25	RICH	30	NONE	0					
1371	2500 N	1000 E	LITTLE-MOD	15	EXTREMELY RICH	40	NONE	0					
1372	2500 N	500 E	LITTLE-MOD	15	EXTREMELY RICH	40	NONE	0					
1373	3000 N	500 E	LITTLE-MOD	15	EXTREMELY RICH	40	NONE	0					
1374	3000 N	1000 E	RICH	30	MOD-RICH	25	NONE	0					
1375	3000 N	1500 E	LITTLE	10	RICH	30	NONE	0					
1376	3000 N	2000 E	LITTLE	10	MOD	20	NONE	0					
1377	3500 N	2000 E	RICH	30	RICH	30	Pres	5					
1378	3500 N	1500 E	RICH	30	MOD	20	Pres	5					
1379	3500 N	1000 E	RICH	30	MOD	20	Pres	5					
1380	3500 N	500 E	RICH	30	MOD-RICH	25	NONE	0					
1381	4000 N	500 E	MOD	20	MOD-RICH	25	Pres	5					
1382	4000 N	1000 E	EXTREMELY RICH	40	RICH	30	NONE	0					
1383	4000 N	1500 E	RICH	30	MOD-RICH	25	NONE	0					
1385	4000 N	2000 E	RICH	30	RICH	30	NONE	0					
1386	4000 N	2500 E	RICH	30	RICH	30	NONE	0					
1387	3500 N	2500 E	MOD-RICH	25	MOD	20	PRES	5					
1388	3000 N	2500 E	MOD	20	RICH	30	NONE	0					
1389	3000 N	500 W	RICH	30	MOD	20	Pres	5					
1390	3000 N	1000 W	MOD-RICH	25	MOD	20	Pres	5					

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N-S	E-W	ORGANIC		CLAY		CARB						
1421	5500 N	1500 W	MOD-RICH	25	MOD	20	PRES	5					
1422	5500 N	1000 W	RICH	30	RICH	30	NONE	0					
1423	5500 N	500 W	MOD	20	MOD	20	PRES	5					
1424	5000 N	500 E	MOD	20	MOD	20	NONE	0					
1425	5000 N	1000 E	RICH	30	MOD	20	NONE	0					
1426	5000 N	1500 E	RICH	30	MOD-LOW	15	NONE	0					
1427	5000 N	2000 E	RICH	30	LITTLE	10	NONE	0					
1428	5000 N	2500 E	MOD	20	MOD	20	NONE	0					
1429	3000 N	5000 E	LITTLE	10	MOD-RICH	25	NONE	0					
1430	2500 N	5000 E	LITTLE	10	MOD-RICH	25	PRES	5					
1431	2000 N	5000 E	LITTLE	10	VERY RICH	35	NONE	0					
1432	2000 N	4500 E	LITTLE	10	RICH-MOD	25	NONE	0					
1433	2000 N	4000 E	LITTLE-MOD	15	MOD-RICH	25	PRES	5					
1434	2000 N	3500 E	LITTLE-MOD	15	RICH	30	NONE	0					
1435	2000 N	3000 E	LITTLE-MOD	15	MOD	20	PRES	5					
1436	2500 N	3000 E	LITTLE-MOD	15	MOD-RICH	25	NONE	0					
1437	2500 N	3500 E	LITTLE-MOD	15	MOD-RICH	25	NONE	0					
1438	2500 N	4000 E	LITTLE	10	MOD	20	PRES	5					
1439	2500 N	4500 E	LITTLE	10	LITTLE-MOD	15	RICH	5					
1440	2500 N	5500 E	LITTLE-MOD	15	MOD	20	NONE	0					
1441	2500 N	6000 E	MOD	20	RICH	30	NONE	0					
1465	2000 N	6000 E	LITTLE-MOD	15	LITTLE-MOD	15	NONE	0					
1466	2000 N	5500 E	LITTLE-MOD	15	MOD	20	LITTLE	10					
1467	3000 N	5400 E	MOD	20	MOD	20	PRES	5					
1468	3000 N	5900 E	MOD-RICH	25	MOD	20	NONE	0					
1469	3500 N	5900 E	RICH	30	RICH - ^{very} rich	35	NONE	0					
1470	3500 N	5400 E	MOD	20	RICH	30	NONE	0					
1471	3500 N	5000 E	RICH	30	MOD	20	NONE	0					
1472	3500 N	4500 E	MOD	20	RICH	30	NONE	0					
1473	3500 N	4000 E	MOD-LITTLE	15	RICH	30	NONE	0					

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N-S	E-W	ORGANIC		CLAY		CARB						
1474	3500 N	3500 E	MOD	30	RICH	30	NONE	0					
1475	4000 N	3500 E	MOD-LIGHT	15 ?	RICH	30	NONE	0					
1476	4000 N	4000 E	MOD	20	RICH	30	NONE	0					
1477	4000 N	4500 E	MOD	20	MOD	20	NONE	0					
1478	4000 N	5000 E	MOD-RICH	25	MOD-RICH	25	NONE	0					
1479	4000 N	5500 E	—	ND	RICH	30	NONE	0					
1480	4000 N	6000 E	MOD	20	RICH	30	NONE	0					
1481	3000 N	4500 E	MOD	20	MOD	20	MOD	5					
1482	3000 N	4000 E	RICH-MOD	25	RICH	30	RICH	5					
1483	3000 N	3500 E	MOD	20	MOD	20	RICH	5					
1484	3000 N	3000 E	LITTLE-MOD	15	MOD	20	RICH	5					
1485	4500 N	5000 E	RICH	30	RICH	30	NONE	0					
1486	4500 N	5500 E	RICH	30	MOD	20	RICH	5					
1487	4500 N	6000 E	MOD	20	RICH	30	NONE	0					
1488	5000 N	6000 E	RICH	30	LITTLE-MOD	15	NONE	0					
1489	5000 N	5500 E	RICH	30	LITTLE-MOD	15	NONE	0					
1490	5000 N	5000 E	RICH	30	RICH	30	MOD	5					
1491	5000 N	4500 E	MOD	20	MOD	20	NONE	0					
1492	5000 N	4000 E	MOD	20	RICH	30	MOD	5					
1493	5000 N	3500 E	MOD	20	RICH	30	MOD	5					
1494	5000 N	3000 E	LITTLE	10	VERY RICH	35	NONE	0					
1495	4500 N	3000 E	LITTLE-MOD	15	MOD	20	NONE	0					
1496	4500 N	3500 E	MOD	20	MOD	20	MOD	5					
1497	4500 N	4000 E	MOD	20	MOD	20	MOD	5					
1498	4500 N	4500 E	RICH	30	RICH	30	NONE	0					
1499	6000 N	5000 E	MOD	20	VERY RICH	35	—	ND					
1500	6000 N	5500 E	RICH	30	RICH	30	NONE	0					
1501	6000 N	6000 E	MOD	20	RICH	30	NONE	0					
1502	5500 N	6000 E	RICH	30	RICH	30	NONE	0					
1503	5500 N	5500 E	RICH	30	RICH	30	NONE	0					

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N-S	E-W	ORGANIC		CLAY		CARB						
1504	5500 N	5000 E	RICH	30	RICH	30	—	ND					
1505	5500 N	4500 E	RICH	30	MOD	20	NONE	0					
1506	5500 N	4000 E	RICH	30	VERY RICH	35	NONE	0					
1507	5500 N	3500 E	RICH	30	RICH	30	NONE	0					
1508	5500 N	3000 E	EXTREMELY RICH	40	RICH	30	NONE	0					
1509	6000 N	3000 E	MOD-RICH	25	EXTREMELY RICH	40	NONE	0					
1510	6000 N	3500 E	MOD	20	RICH-MOD	25	NONE	0					
1511	6000 N	4000 E	MOD	20	RICH-MOD	25	NONE	0					
1512	6000 N	4500 E	MOD	20	RICH	30	NONE	0					
1513	6500 N	5000 E	RICH	30	RICH	30	NONE	0					
1514	7000 N	5000 E	RICH	30	MOD	20	NONE	0					
1515	7500 N	5000 E	RICH	30	RICH	30	NONE	0					
1516	7500 N	4500 E	RICH	30	VERY RICH	35	NONE	0					
1517	7500 N	4000 E	RICH-MOD	25	RICH	30	NONE	0					
1518	7500 N	3500 E	RICH-MOD	25	RICH	30	NONE	0					
1519	7500 N	3000 E	MOD	20	MOD	20	NONE	0					
1520	7000 N	3500 E	MOD-RICH	25	MOD	20	NONE	0					
1521	7000 N	3000 E	MOD	20	EXTREMELY RICH	40	NONE	0					
1522	7000 N	4000 E	MOD	20	VERY RICH	35	NONE	0					
1523	7000 N	4500 E	RICH	30	VERY RICH	35	NONE	0					
1524	6500 N	4500 E	MOD-RICH	25	RICH	30	NONE	0					
1525	6500 N	4000 E	RICH	30	RICH	30	NONE	0					
1526	6500 N	3500 E	VERY RICH	35	VERY RICH	35	NONE	0					
1527	6500 N	3000 E	RICH	30	EXTREMELY RICH	40	NONE	0					
1528	6500 N	2500 E	MOD-RICH	25	RICH	20	NONE	0					
1529	6500 N	2048 E	MOD	20	RICH	30	NONE	0					
1530	6500 N	1500 E	RICH	30	VERY RICH	35	NONE	0					
1531	6000 N	1500 E	MOD	20	MOD	20	NONE	0					
1532	6000 N	2000 E	MOD-LITTLE	15	EXTREMELY RICH	40	NONE	0					
1533	6000 N	2520 E	MOD	20	RICH	30	NONE	0					

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N-S	E-W	ORGANIC		CLAY		CARB						
1534	5500 N	2500 E	RICH	30	VERY RICH	35	NONE	0					
1535	8000 N	3000 E	MOD	20	RICH	30	NONE	0					
1536	8000 N	3500 E	RICH	30	VERY RICH	35	NONE	0					
1537	8000 N	4000 E	RICH	30	VERY RICH	35	NONE	0					
1538	8000 N	4500 E	RICH	30	MOD	20	NONE	0					
1539	8000 N	5000 E	RICH	30	MOD-RICH	25	RICH	5					
1540	7500 N	5500 E	RICH	30	RICH	30	NONE	0					
1541	7000 N	5500 E	RICH	30	VERY RICH	35	NONE	0					
1542	6500 N	5500 E	RICH	30	MOD	20	NONE	0					
1543	6500 N	6000 E	RICH-MOD	25	MOD	20	NONE	0					
1544	7000 N	6000 E	RICH	30	VERY RICH	35	NONE	0					
1545	7500 N	6000 E	RICH	30	VERY RICH	35	NONE	0					
1546	8000 N	6000 E	RICH	30	VERY RICH	35	NONE	0					
1547	8000 N	5500 E	RICH	30	RICH	30	NONE	0					
1548	8500 N	5000 E	MOD	20	MOD	20	NONE	0					
1549	9000 N	5000 E	MOD	20	VERY RICH	35	NONE	0					
1550	9000 N	5500 E	MOD	20	RICH	30	NONE	0					
1551	9000 N	6000 E	RICH	30	RICH	30	NONE	0					
1552	8500 N	6000 E	RICH	30	RICH	30	NONE	0					
1553	8500 N	5500 E	RICH	30	RICH	30	NONE	0					
1554	8500 N	4500 E	RICH	30	RICH	30	NONE	0					
1555	8500 N	4000 E	RICH	30	RICH	30	NONE	0					
1556	8500 N	3500 E	MOD	20	MOD-RICH	25	NONE	0					
1557	8500 N	3000 E	MOD	20	VERY RICH	35	NONE	0					
1558	8500 N	2500 E	MOD	20	RICH-MOD	25	NONE	0					
1559	8500 N	2000 E	MOD	20	MOD	20	RICH	5					
1560	8500 N	1500 E	MOD	20	MOD	20	NONE	0					
1561	8000 N	1500 E	MOD	20	RICH	30	RICH	5					
1562	8000 N	2000 E	MOD	20	MOD	20	RICH	5					
1563	8000 N	2500 E	MOD-LITTLE	15	EXTREMELY RICH	40	NONE	0					

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N-S	E-W	ORGANIC		CLAY		CARB						
1564	4000 N	3000 E	MOD	20	RICH	30	RICH	5					
1565	3588 N	3000 E	MOD	20	RICH	30	MOD	5					
1566	5500 N	2000 E	RICH	20	VERY RICH	35	NONE	0					
1567	5500 N	1500 E	RICH	30	MOD	20		ND					
1568	5500 N	1000 N	RICH	30	MOD	20	NONE	0					
1569				30	VERY RICH	35	RICH	5					
1570				20	MOD	20	NONE	0					
1571				20	RICH	30	NONE	0					
1572				20	RICH	30	RICH	5					
1573				30	RICH	30	NONE	0					
1574				30	EXTREMELY RICH	40	NONE	0					
1575				20	EXTREMELY RICH	40	NONE	0					
1576	7000 N	1500 E	RICH	30	RICH	30	NONE	0					
1577	9000 N	2000 E	RICH	30	RICH	30	RICH	5					
1578	9000 N	2500 E	RICH	30	VERY RICH	35	NONE	0					
1579	9000 N	3000 E	RICH	20	RICH	30	NONE	0					
1580	9000 N	3500 E	RICH	30	RICH	30	NONE	0					
1581	9000 N	4000 E	RICH	30	VERY RICH	35	NONE	0					
1582	9000 N	4500 E	RICH	30	VERY RICH	35	NONE	0					
1583	9500 N	5000 E	RICH	30	RICH	30	NONE	0					
1584	10,000 N	5000 E	RICH	30	VERY RICH	35	NONE	0					
1585	10,500 N	5000 E	RICH	30	RICH	30	NONE	0					
1586	10,500 N	5500 E	VERY RICH	35	RICH	30	NONE	0					
1587	10,500 N	6000 E	RICH	30	MOD	20	NONE	0					
1588	10,000 N	6000 E	RICH	30	RICH	30	NONE	0					
1589	9500 N	6000 E	VERY RICH	35	RICH	30	NONE	0					
1590	9500 N	5500 E	RICH	30	RICH	30	NONE	0					
1591	10,000 N	5500 E	RICH	30	VERY RICH	35	NONE	0					
1592	10,000 N	4500 E	RICH	30	VERY RICH	35	NONE	0					
1593	10,500 N	4500 E	RICH	30	RICH	30	NONE	0					

Can both of
these be
N?

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N-S	E-W	ORGANIC		CLAY		CARB						
1594	9500 N	4500 E	RICH	30	VERY RICH	35	NONE	0					
1595	10,500 N	0	MOD	20	LITTLE-MOD	15	NONE	0					
1596	10,000 N	0	MOD-POOR	15	MOD-POOR	15	RICH	5					
1597	9500 N	50 E	MOD	20	MOD	20	NONE	0					
1598	9000 N	0	MOD	20	VERY RICH	35	NONE	0					
1599	9000 N	500 W	MOD	20	MOD	20	RICH	5					
1600	9000 N	1000 W	MOD-POOR	15	MOD	20	RICH	5					
1601	9000 N	1500 W	MOD	20	MOD-RICH	25	NONE	0					
1602	9000 N	2000 W	MOD	20	RICH	30	NONE	0					
1603	9000 N	2500 W	MOD	20	VERY RICH	35	PRE	5					
1604	8500 N	2500 W	MOD	20	RICH	30	RICH	5					
1605	8500 N	2000 W	MOD-POOR	15	POOR-MOD	15	RICH	5					
1606	8500 N	1500 W	MOD	20	EXTREMELY RICH	40	LITTLE	5					
1607	8500 N	1000 W	MOD	20	MOD	20	RICH	5					
1608	8500 N	500 W	MOD	20	MOD	20	RICH	5					
1609	8500 N	0 W	MOD	20	MOD	20	RICH	5					
1610	9500 N	500 W	MOD	20	MOD	20	RICH	5					
1611	9500 N	1000 W	MOD	20	MOD	20	RICH	5					
1612	9500 N	1500 W	MOD	20	RICH	30	NONE	0					
1613	9500 N	2000 W	MOD	20	RICH	30	NONE	0					
1614	9500 N	2500 W	MOD	20	MOD	20	RICH	5					
1615	10,000 N	2500 W	MOD	20	VERY RICH	35	NONE	0					
1616	10,000 N	2000 W	MOD	20	EXTREMELY RICH	40	NONE	0					
1617	10,000 N	1500 W	MOD	20	MOD	20	NONE	0					
1618	10,000 N	1000 W	MOD	20	EXT. RICH	40	NONE	0					
1619	10,000 N	500 W	MOD	20	MOD	20	RICH	5					
1620	10,500 N	500 W	MOD	20	RICH	30	NONE	0					
1621	10,500 N	1000 W	MOD	20	MOD	20	RICH	5					
1622	10,500 N	1500 W	MOD	20	EXT. RICH	40	NONE	0					
1623	10,500 N	2000 W	MOD	20	MOD-RICH	25	NONE	0					

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N-S	E-W	MAGNETIC		CLAY		CARB						
1624	10,500 N	2500 W	MOD	20	RICH	30	RICH	5					
1625	11,000 N	2500 W	MOD	20	RICH	30	NONE	0					
1626	11,000 N	2000 W	MOD	20	MOD	20	RICH	5					
1627	11,000 N	1500 W	MOD	20	RICH	30	NONE	0					
1628	11,000 N	1000 W	MOD	20	RICH	30	NONE	0					
1629	11,000 N	500 W	MOD	20	EXT. RICH	40	NONE	0					
1630	11,000 N	0 W	MOD	20	RICH	30	RICH	5					
1631	10,500 N	500 E	MOD	20	VERY RICH	35	NONE	0					
1632	10,500 N	1000 E	MOD	20	RICH	30	RICH	5					
1633	10,500 N	1500 E	MOD	20	VERY RICH	35	NONE	0					
1634	10,500 N	2000 E	MOD	20	EXT. RICH	40	NONE	0					
1635	10,500 N	2500 E	MOD	20	RICH	30	NONE	0					
1636	10,500 N	3000 E	MOD	20	VERY RICH	35	NONE	0					
1637	10,500 N	3500 E	MOD	20	EXT. RICH	40	NONE	0					
1638	10,500 N	4000 E	RICH	30	VERY RICH	35	NONE	0					
1639	10,000 N	4000 E	MOD	20	RICH	30	NONE	0					
1640	10,000 N	3500 E	MOD	20	VERY RICH	35	NONE	0					
1641	10,000 N	3000 E	MOD	20	RICH	30	NONE	0					
1642	10,000 N	2500 E	MOD	20	VERY RICH	35	NONE	0					
1643	10,000 N	2000 E	MOD	20	MOD	20	RICH	5					
1644	10,000 N	1500 E	MOD	20	VERY RICH	35	NONE	0					
1645	10,000 N	1000 E	RICH	30	EXT. RICH	40	NONE	0					
1646	10,000 N	500 E	MOD	20	MOD	20	NONE	0					
1647	9,500 N	500 E	MOD	20	RICH	30	RICH	5					
1648	9,500 N	1000 E	MOD	20	RICH	30	NONE	0					
1649	9,000 N	1000 E	MOD	20	MOD	20	RICH	5					
1650	8,500 N	1000 E	MOD	20	MOD	20	RICH	5					
1651	8,000 N	1000 E	MOD	20	EXT. RICH	40	NONE	0					
1652	7,500 N	1000 E	MOD	20	RICH	30	MOD	5					
1653	7,000 N	1000 E	RICH	30	EXT. RICH	40	NONE	0					

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N-S	E-W	ORGANIC		CLAY		CARB						
1684	8600 N	6500 E	RICH	30	RICH	30	NONE	0					
1685	9500 N	3000 E	MOD	20	VERY RICH	35	NONE	0					
1686	9500 N	3500 E	MOD	20	RICH	30	NONE	0					
1687	9500 N	4000 E	MOD	20	MOD	20	NONE	0					
1688	500 S	0 W	MOD	20	MOD	20	NONE	0					
1689	1000 S	0 W	MOD	20	RICH	30	NONE	0					
1690	1000 S	500 W	MOD	20	MOD	20	NONE	0					
1691	1000 S	1000 W	MOD	20	MOD	20	RICH	5					
1692	1000 S	1500 W	MOD	20	RICH	30	PRES	5					
1693	1000 S	2000 W	MOD	20	RICH	30	NONE	0					
1694	1000 S	2500 W	MOD	20	RICH	30	PRES	5					
1695	1000 S	3000 W	MOD	20	MOD	20	RICH	5					
1696	500 S	3000 W	MOD	20	MOD	20	PRES	5					
1697	500 S	2500 W	MOD	20	MOD	20	RICH	5					
1698	500 S	2000 W	MOD	20	MOD	20	RICH	5					
1699	500 S	1500 W	RICH	30	MOD	20	NONE	0					
1700	500 S	1000 W	MOD	20	MOD	20	RICH	5					
1701	500 S	500 W	MOD	20	MOD	20	NONE	0					
1702	500 S	500 E	MOD	20	VERY RICH	35	NONE	0					
1703	1000 S	500 E	MOD	20	VERY RICH	35	NONE	0					
1704	2000 S	0 E	POOR	10	MOD	20	RICH	5					
1705	2000 S	500 W	MOD	20	MOD	20	RICH	5					
1706	2000 S	1000 W	MOD	20	MOD	20	NONE	0					
1707	2000 S	1500 W	MOD	20	MOD	20	NONE	0					
1708	2000 S	2000 W	MOD	20	RICH	30	NONE	0					
1709	2000 S	2500 W	MOD	20	MOD	20	NONE	0					
1710	2000 S	3100 W	MOD	20	MOD	20	NONE	0					
1711	2500 S	2960 W	MOD	20	MOD	20	NONE	0					
1712	2500 S	3460 W	MOD	20	MOD	20	NONE	0					
1713	2500 S	3960 W	MOD	20	MOD	20	NONE	0					

FILE #2

SHOULD BE 144

	1	2	3	4	5	6	7	8	9	10	11	12	13
	N-S	E-W	ORGANIC		CLAY		CARB						
1804	6000 S	96 E	MOD	20	MOD	20	NONE	0					
1805	7000 S	0E-W	MOD	20	EXT. RICH	40	NONE	0					
1806	7000 S	500 W	MOD	20	EXT. RICH	40	NONE	0					
1807	7000 S	1000 W	MOD	20	VERY RICH	35	NONE	0					
1808	7000 S	1500 W	MOD	20	RICH	30	NONE	0					
1809	7000 S	2000 W	MOD	20	RICH	30	NONE	0					
1810	7000 S	2500 W	MOD	20	RICH	30	NONE	0					
1811	7000 S	3000 W	MOD	20	MOD	20	RICH	5					
1812	7000 S	3500 W	MOD	20	MOD	20	NONE	0					
1813	7000 S	4000 W	MOD	20	MOD	20	PRES	5					
1814	6000 S	3904 W	MOD	20	MOD	20	VERY RICH	5					
1815	6000 S	3404 W	MOD	20	MOD	20	RICH	5					
1816	6000 S	2904 W	MOD	20	MOD	20	RICH	5					
1817	6000 S	2404 W	MOD	20	MOD	20	RICH	5					
1818	6000 S	1904 W	MOD	20	VERY RICH	35	NONE	0					
1819	6000 S	1404 W	MOD	20	EXT. RICH	40	NONE	0					
1820	6000 S	904 W	MOD	20	VERY RICH	35	PRES	5					
1821	6000 S	404 W	MOD	20	VERY RICH	35	NONE	0					
1822	7500 S	0	MOD	20	RICH	30	NONE	0					
1823	7500 S	500 W	MOD	20	EXT. RICH	40	NONE	0					
1824	7500 S	1000 W	MOD	20	EXT. RICH	40	NONE	0					
1825	7500 S	1500 W	MOD	20	RICH	30	NONE	0					
1826	7500 S	2000 W	MOD	20	MOD	20	NONE	0					
1827	7500 S	2500 W	MOD	20	MOD	20	NONE	0					
1828	7500 S	3000 W	MOD	20	RICH	30	NONE	0					
1829	7500 S	3500 W	MOD	20	RICH	30	NONE	0					
1830	7500 S	4000 W	MOD	20	MOD	20	VERY RICH	5					
1831	8000 S	4000 W	MOD	20	MOD	20	NONE	0					
1832	8000 S	3500 W	MOD	20	VERY RICH	35	NONE	0					
1833	8000 S	3000 W	MOD	20	MOD	20	MOD	5					

Bev,

INSTRUCTIONS FOR PROCESSING ROOSEVELT

-80 mesh soil multi-element data

Plan Maps - (no need to input Hg and As ^{organic clay and carb} into plan)

- 1) Plot plan maps for each element. ~~that~~
Do not plot elements that are all ~~less than~~ below detection.
- 2) Sample coordinates and Plan Map Plot Parameters are listed on the attached sheets

STATISTICS (Drill) ^{organic, clay and carb}

- 1) Input Hg as As ^{organic, clay and carb} data - see attached sheet
- 2) Correlation Coefficients both Spearman's and Pearson's
for all elements excepting those ~~that~~ for which all values are below detection.
- 3) Simple Statistics - for same elements
- 4) Log Probability Plot - coordinates for - for the same set of elements as above
(INTEGRATED PROBABILITY) log transformed?

NUMBER
OF
DIGITS

0 for records 1 - 5.

-1 = no decimal will be plotted (e.g., 123)

0 = no digits to right of decimal will be plotted (e.g., 123.)

1 = 1 digit to right of decimal will be plotted (e.g., 123.0)

2 = 2 digits to right of decimal will be plotted (e.g., 123.00)

h) Data values (real input)

Special character output features, where the value input is V:

<u>Input</u>	<u>Output</u>
$V \leq -1,000,000$	'ND'
$-1,000,000 < V < 0$	< V
$0 \leq V \leq 1,000,000$	V
$V > 1,000,000$	> (V-1,000,000)

2) Data additions

The user is asked to supply the number (integer input) of items to be added. Next the number (integer input) of items to be added must be supplied, followed by the data values (real input). The user is prompted with the index number of each entry.

3) Data edit

The editor first asks for the record number (integer input) to edit. Any item listed under Initial Data Input may be changed. To edit area name or number of records, the two items in the header, the record number to enter is 1.

A menu is presented, from which the user selects the item to edit. The editor types the current value of the item before soliciting the new input, except for the data items themselves. For these the user must enter a pair of numbers for each correction: the index of the data item (integer input) and the corrected data value (real input). These two numbers may be entered on one line, separated by a comma. The program will continue to accept corrections until the pair of numbers 0, 0 is entered.

4) Data list

Enter the number of records to list (maximum of 6-integer input) followed by the record numbers to be listed (integer input).

Reginas Data
Received Instructions 3/16/82

Due 15, May

Plan Data First - ~~Plan~~
No As* & Hg on ~~Data~~ Data

Call Terry about NDIG -

Analytical Method - Hg Gold Film
As* Color

Beu

1) INPUT: Data INTO Plan files (There are 2 because there were too many sample points)

2) Plot the 2 Plan maps for each of the 3 data sets

3) ~~Transfer Data to Datt~~

Run Correlation ~~Cof~~ Coefficients Pearson + Spearman

Hg - Clay
- Carbonate
- Organic

Clay - Carbonate
Organic

As - Clay
- Carbonate
- Organic

CARBONATE - Organic

- Log Transformed
- Non Log Transformed

71013

16250 16260 16270 16280 16290 16300 16310 16320 16330 16340 16350 16360 16370 16380 16390 16400 16410 16420 16430 16440 16450 16460 16470 16480 16490 16500 16510 16520 16530 16540 16550 16560 16570 16580 16590 16600 16610 16620 16630 16640 16650 16660 16670 16680 16690 16700 16710 16720 16730 16740 16750 16760 16770 16780
 16240 16230 16220 16210 16200 15950 16310 16320 16330 16340 16350 16360 16370 16380 15930 15850 15860 15870 1673
 16150 16160 16170 16180 16190 15950 16460 16450 16440 16430 16420 16410 16400 16390 15920 15840 15910 15800 1680
 16140 16130 16120 16110 16100 15970 16470 16460 16450 16440 16430 16420 16410 16400 16390 15920 15830 15800 15820 1581
 16030 16020 16010 16000 15990 15980 16520 16490 15760 15770 15780 15790 15800 15810 15820 15830 15840 15850 15860 15870 15880 15890 15900 1682
 16040 16050 16060 16070 16080 15990 16510 16500 15590 15580 15570 15560 15550 15540 15400 15390 15380 15370 1683
 17850 17840 17830 17820 17810 17560 16580 16510 15510 15520 15530 15950 15960 15970 15980 15990 16470 16480 1684
 17760 17770 17780 17790 17800 17570 16590 16520 15720 15710 15700 15180 15180 15170 15180 15180 15150 15400 1541
 17750 17740 17730 17720 17710 17580 16580 16530 15730 15740 15750 15210 15200 15220 15280 15140 15410 1544
 17660 17670 17680 17690 17700 17590 16570 16540 1598 1520 15270 15280 15290 15240 15190 15420 1549
 17650 17640 17630 17620 17610 17600 16560 16550 15910 15920 15930 15940 15160 15110 15120 14990 15080 1501
 15610 15600 15590 15580 15570 15560 15940 15980 15970 15960 15950 15040 15090 1502
 14250 14260 14270 14280 14940 14990 14920 14910 14900 14880 1488
 14920 14930 14940 14950 14960 14970 14980 14990 14420 14410 14400 14390 14950 14980 14970 14980 14850 14880 1487
 14920 14930 14940 14950 14960 14970 14980 14990 15640 14750 14760 14770 14780 14790 14780 14780 1480
 15940 15950 15960 15970 15980 15990 16000 16010 16020 16030 16040 16050 16060 16070 16080 16090 1555 14740 14750 14720 1470 14700 1468
 16000 16010 16020 16030 16040 16050 16060 16070 16080 16090 14840 14890 14820 14810 1420 14670 1468
 16020 16030 16040 16050 16060 16070 16080 16090 16100 16110 16120 16130 16140 16150 16160 16170 16180 16190 14980 14970 14980 14990 1490 14480 1441
 16070 16080 16090 16100 16110 16120 16130 16140 16150 16160 16170 16180 16190 14950 14940 14990 14920 14910 14680 1465
 16030 16040 16050 16060 16070 16080 16090 16100 16110 16120 16130 16140 16150 16160 16170 16180 16190
 16070 16080 16090 16100 16110 16120 16130 16140 16150 16160 16170 16180 16190
 16170 16180 16190 16200 16210 16220 16230 16240 16250 16260 16270 16280 16290 16300

15960 16970 16980 16990 17000 17010 16880 1702
 16950 16940 16930 16920 16910 16900 16890 1703
 12150 12120 12070 11320 11370 11420 11470 11520 1157
 1715 17090 17080 17070 17060 17050 1704
 17130 17120 17110 1710 17150 17160 17190 17180 1717
 17300 17310 17320 17330 17340 17350 17360 17370 1728
 17290 17280 17270 17260 17250 17240 17230 17220 1721
 17480 17490 17500 17510 17520 17530 17540 17550 1738
 17470 17460 17450 17440 17430 17420 17410 17400 1739
 17960 17970 17980 17990 18000 18010 18020 18030 1786
 17950 17940 17930 17920 17910 17900 17890 17880 1787
 18140 18150 18160 18170 18180 18190 18200 18210 1804

18430 18360 18330 18280 18230 18180 18130 18080 18030 18940 18920 11040 1109
 18130 18120 18110 18100 18090 18080 18070 18060 1805
 18380 18290 18280 18270 18260 18250 18240 18230 1822
 18310 18320 18330 18340 18350 18360 18370 18380 1839

048 045 069 049 047 039 036 043 032 029 033 027 067 053 035 034 041 029 049
 + +
 053 030 053 051 056 051 047 040 029 030 020 029 047 030 017 021 019 019 024
 039 051 043 070 0142 0272 045 039 036 036 065 043 031 034 029 025 024 026 028
 051 036 040 042 071 035 039 070 055 030 053 063 036 029 024 022 018 020 036
 039 042 027 020 029 092 050 055 036 0122 029 022 027 030 030 030 019 014 036
 048 045 053 080 054 061 051 035 086 029980117 0188 033 017 020 016 024 021 030
 030 032 035 040 061 044 034 0106 0772 0529001252093 049 048 045 0158 017 032 036
 046 043 072 062 034 0119 052 050 034080186 036 0100 041 028 021 030 043 085
 092 097 032 0101 041 030 034 042 028640153 093 0283 044 033 031 020 036 036
 027 049 080 0222 070 035 020 025 0143 0257048630194 021 041 020 025 021 022
 034 079 035 031 064 0150 027 051 039 096 032 057 019 054 042 050 024 023
 069 066 052 0186 0135 030 0410 046 046 0250 0744 057 030 026 018 0141 071 021
 0123 099 075 037 041 034 059 0197 0192 0385 0230 087 027 043 026 041 032 064
 050 053 0157 0176 083 044 0960 04023023000606 0649 015 029 033 030 063 034 041
 0787 030 047 0195 0304 055 0729 0471 010410433 032 076 030 0124 014 019 069 021
 054 072 0125 0387 011430316 0350 0806 0589 0823 030 023 030 020 018 013 018 034
 072 037 0124 0213 0350 04060132 01745023 021 027 030 022 030 022 037 032 020
 047 031 083 0265 0136 0213 0108 0176 030 023 022 031 024 032 030 052 021 020
 097 0163 024 0306 0927 077 0137 0341 027 021 021 043 027 073 021 024 017 013
 017 029 039 075 0277 0536 073 093 023 023 011
 025 021 022 072 0103 057 0117 032 023 022 020
 039 022 034 057 029 043 015 014 024 018 015
 026 034 023 023 063 020 022 015 024 024 019
 034 052 040 032 052 022 027 028
 031 030 031 050 043 023 023 030
 020 014 010 010 017 031 016 021 020
 025 030 035 029 045 025 032
 044 021 021 026 024 025 019 026 025
 024 020 036 057 021 018 033 021 070
 026 021 020 089 033 027 010 024 024
 026 030 025 065 0132 063 041 030 021
 030 024 043 062 064 045 041 036 027
 026 059 037 0127 095 076 064 0106 099
 020 047 052 0111 0264 027 0139 0356 083
 029 045 047 084 0577 0109 0290 0230 054
 024 024 021 065 086 0470 047 0110 0930 074 035 017 033
 033 089 0170 065 0236 030 0108 056 072
 025 036 0477 023 025 026 030 044 044
 022 031 077 082 0138 034 085 041 037

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FIGURE :
 MERCURY (PPB)
 SAMPLE TYPE : -80 MESH SOIL
 ANALYTICAL METHOD : GOLD FILM

ROOSEVELT KGRA
 BEAVER COUNTY, UTAH

03 03 03 03 04 03 04 04 05 03 02 05 08 04 03 07 05 04 05
 +
 04 0<1 03 01 02 05 05 03 02 05 01 0<1 04 01 04 04 03 03 04
 02 05 03 04 04 06 06 02 0<1 03 03 05 02 01 06 04 05 05 0<1
 04 03 02 04 06 08 04 03 05 03 05 014 03 01 04 04 02 04 06
 03 04 03 04 03 03 04 02 05 09 07 02 05 05 04 04 03 03 03
 03 04 05 02 06 07 011 04 06 011 019 011 07 03 05 04 03 04 03
 01 02 02 0<1 04 03 04 03 07 018 024 04 02 05 03 04 03 03 02
 02 02 01 04 03 03 05 04 06 07 06 03 04 03 03 04 03 015
 0<1 02 01 01 01 02 04 04 06 09 0<1 09 03 05 04 05 08 06
 0<1 03 02 022 0<1 02 03 03 05 06 05 05 06 04 04 04 01 03
 03 03 02 01 01 0<1 02 03 03 021 05 010 02 05 06 07 03 05
 04 04 03 03 04 04 018 04 03 05 04 014 010 06 03 010 07 07
 05 04 05 04 03 05 03 02 06 05 06 012 06 023 05 03 04 09
 06 07 03 05 06 02 03 05 05 05 02 02 03 05 03 07 07 05
 04 03 03 07 04 07 04 02 03 04 04 05 07 03 03 03 012 05
 02 0<1 02 03 06 06 03 02 02 08 02 05 03 04 04 04 03 03
 06 05 09 07 02 05 08 03 05 03 04 05 04 06 05 04 04 03
 02 03 03 03 02 04 04 04 04 03 04 05 06 06 05 01 03 04
 03 06 05 04 04 03 03 04 03 04 04 03 07 06 03 06 03 03
 03 03 05 05 04 03 0<1 04 03 03 0<1
 03 02 03 02 04 04 03 0<1 02 02 01
 05 03 05 02 05 04 01 01 01 02 03
 03 04 01 04 03 03 02 02 03 03 03
 03 04 03 04 04 03 03 03
 04 01 03 06 03 02 02 02
 06 03 05 04 03 04 04 05 02
 01 03 02 02 03 03 03
 07 01 04 04 05 06 05 04 06
 04 05 02 05 05 03 04 03 02
 02 05 01 06 04 04 04 04 05
 04 02 04 014 010 02 04 02 02
 04 03 04 08 03 03 02 02 01
 05 03 05 08 03 01 03 02 02
 02 05 0<1 0<1 0<1 02 0<1 0<1 04
 04 010 012 05 012 07 02 04 02
 04 05 03 04 09 026 08 04 03 05 02 04 03
 07 01 08 01 02 0<1 0<1 02 04
 06 02 04 03 03 03 03 04 04
 03 05 05 06 08 08 04 05 05

2000 FEET
 ROOSEVELT KGRA
 BEAVER COUNTY, UTAH

FIGURE:
 AS* (PPM)
 SAMPLE TYPE: -80 MESH SOIL
 ANALYTICAL METHOD: COLOR

020 020 020 020 020 020 020 020 020 020 020 020 020 010 030 010 020 020 020
 +
 020 020 020 020 020 020 020 020 020 020 020 020 020 030 030 030 035 030 030
 020 020 020 020 020 015 020 030 020 020 020 020 020 020 030 030 030 030 030
 020 020 020 020 020 020 020 020 020 020 020 020 020 020 020 030 030 030 035 020
 020 020 020 015 020 020 020 020 030 030 030 030 030 030 030 020 020 030 025
 020 015 020 020 020 020 020 020 020 020 020 020 020 030 030 020 030 030 020
 010 010 020 020 020 020 020 020 020 020 015 020 030 030 030 030 030 030 030
 020 020 020 020 020 010 020 020 020 020 020 020 025 025 030 030 030 030
 030 030 030 020 020 020 030 030 030 030 020 020 025 020 030 030 030 030
 030 030 020 020 030 020 030 030 030 030 020 025 030 035 030 025 030 030 025
 020 020 020 020 030 020 030 030 020 015 020 025 020 020 020 020 030 020
 020 020 025 030 020 GND 030 030 030 030 030 040 030 030 030 030 030
 020 030 030 020 020 GND 020 030 030 030 020 010 020 020 020 030 030 030
 030 030 025 020 020 GND 020 020 030 030 030 015 020 020 030 030 030 020
 030 030 030 015 020 GND 020 040 030 030 030 020 015 020 020 025 GND 020
 025 025 025 025 020 GND 030 030 030 030 025 020 020 015 020 030 020 030
 025 025 030 025 030 GND 015 030 010 010 020 015 020 025 020 010 020 025
 020 020 020 020 020 GND 015 015 025 010 010 015 015 010 010 010 015 020
 025 025 025 025 025 GND 020 030 010 025 030 015 015 015 010 010 015 015
 020 010 010 020 015 GND 020 020 015 015 010
 020 020 020 010 020 GND 010 010 020 020 015
 GND GND GND GND GND GND 010 020 010 015 GND
 GND GND GND GND GND GND GND GND GND GND GND

020 020 020 030 020 020 020 020
 020 020 020 020 020 020 020 020
 GND GND GND GND GND GND GND GND GND GND

020 020 020 020 020 020 010
 020 020 020 020 020 020 020 020
 020 020 020 020 020 020 020 020
 020 020 020 020 020 020 020 020
 020 020 020 020 020 020 020 020
 020 020 020 020 020 020 020 020
 020 020 030 020 020 020 020 020
 020 020 020 020 020 020 020 020

GND GND GND GND GND GND GND GND GND GND GND GND GND GND
 020 020 020 020 020 020 020 020
 020 020 020 020 020 020 020 020
 020 020 020 020 020 020 020 020

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FIGURE:
 ORGANIC
 SAMPLE TYPE: -80 MESH SOIL
 ANALYTICAL METHOD: VISUAL

ROOSEVELT KGRA
 BEAVER COUNTY, UTAH

00 05 00 00 00 05 05 00 00 00 00 05 00 00 00 00 00 00 05
 + +
 05 00 00 05 00 00 00 05 00 00 00 00 00 00 00 00 00 00 00
 00 00 00 00 05 05 00 00 00 05 00 00 00 00 00 00 00 00 00
 05 00 00 05 05 00 05 00 05 05 00 00 00 00 00 00 00 00 00
 05 00 00 05 05 00 05 05 00 05 00 00 00 00 00 00 00 00 00
 00 00 00 00 00 05 05 00 05 05 00 00 00 00 00 00 05 00 00
 00 00 05 05 05 05 05 05 05 00 00 00 00 00 00 00 00 00 00
 00 00 00 05 00 00 05 00 00 00 00 00 00 00 00 00 00 00 00
 00 05 00 00 00 05 00 00 00 00 00 00 00 00 00 00 00 00 00
 05 05 05 00 05 00 05 00 00 00 00 00 00 00 00 00 00 00 00
 05 00 00 00 00 00 00 00 00 00 00 00 00 05 05 00 05 00 00
 05 05 00 05 05 00 05 05 05 05 00 00 05 05 00 00 05 00
 05 05 05 05 00 00 05 00 00 00 00 05 00 00 00 00 00 00
 05 05 05 00 05 00 00 05 05 05 05 05 00 00 00 00 00 00
 00 05 05 05 05 00 00 00 00 00 00 05 05 05 05 00 05 00
 00 00 00 05 05 00 00 00 00 00 00 00 00 05 05 05 00 00
 00 05 05 05 05 00 00 05 00 00 00 05 00 05 00 00 00 00
 00 00 00 00 00 00 00 00 00 00 00
 00 05 05 05 05 00 00 00 00 00
 00 00 00 00 00 00 00 00 05 00
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05 05 05 00 05 00 00 00
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00 00 00 00 00 00 00 00
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 05 00 00 00 05 05 00 00
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 00 05 05 00 00 00 00 00 00
 05 05 05 00 00 00 00 00 00
 05 05 00 00 00 00 00 00 00
 05 05 05 05 00 00 05 00 00
 00 00 00 00 00 00 00 00 00 00 00 00 00
 05 00 05 00 00 00 00 00 00
 05 00 00 00 00 00 00 00 00
 00 00 05 00 00 00 00 00 00

2000 FEET

FIGURE:
 CARB
 SAMPLE TYPE: -80 MESH SOIL
 ANALYTICAL METHOD: VISUAL