

West of Iron Cap
803938

Bondar & Company Ltd.
5426 Carleton Road
Ottawa, Ontario
K1J 8X5
(613) 749-2220 Telex 053-3233



Geochemical
Lab Report
Sulphurets
104B/9

RV Kirkham

GEOLOGICAL SURVEY OF CANADA
S.B. BALLANTYNE
601 BOOTH STREET
OTTAWA, ONTARIO
K1A 0E8

June 1989
Analyses

Esso
Hole # 16

REPORT: 089-51378.0 (COMPLETE)

REFERENCE INFO: MITCHELL & SBB & DCH

CLIENT: GEOLOGICAL SURVEY OF CANADA
 PROJECT: 23233-6-1332

SUBMITTED BY: S. BALLANTYNE
 DATE PRINTED: 9-JUN-89

ORDER	ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Na Sodium	186	0.02 PCT		Neutron Activation
2	Sc Scandium	186	0.2 PPM		Neutron Activation
3	Cr Chromium	186	20 PPM		Neutron Activation
4	Fe Iron	186	0.2 PCT		Neutron Activation
5	Co Cobalt	186	5 PPM		Neutron Activation
6	Ni Nickel	186	10 PPM		Neutron Activation
7	Zn Zinc	186	100 PPM		Neutron Activation
8	As Arsenic	186	0.5 PPM		Neutron Activation
9	Se Selenium	186	5 PPM		Neutron Activation
10	Br Bromine	186	0.5 PPM		Neutron Activation
11	Rb Rubidium	186	5 PPM		Neutron Activation
12	Zr Zirconium	186	200 PPM		Neutron Activation
13	Mo Molybdenum	186	1 PPM		Neutron Activation
14	Ag Silver	186	2 PPM		Neutron Activation
15	Cd Cadmium	186	5 PPM		Neutron Activation
16	Sn Tin	186	100 PPM		Neutron Activation
17	Sb Antimony	186	0.1 PPM		Neutron Activation
18	Te Tellurium	186	10 PPM		Neutron Activation
19	Cs Cesium	186	0.5 PPM		Neutron Activation
20	Ba Barium	186	50 PPM		Neutron Activation
21	La Lanthanum	186	2 PPM		Neutron Activation
22	Ce Cerium	186	5 PPM		Neutron Activation
23	Sm Samarium	186	0.10 PPM		Neutron Activation
24	Eu Europium	186	1 PPM		Neutron Activation
25	Tb Terbium	186	0.5 PPM		Neutron Activation
26	Yb Ytterbium	186	2 PPM		Neutron Activation
27	Lu Lutetium	186	0.2 PPM		Neutron Activation
28	Hf Hafnium	186	1 PPM		Neutron Activation
29	Ta Tantalum	186	0.5 PPM		Neutron Activation
30	W Tungsten	186	1 PPM		Neutron Activation
31	Ir Iridium	186	50 PPB		Neutron Activation
32	Au Gold	186	2 PPB		Neutron Activation
33	Th Thorium	186	0.2 PPM		Neutron Activation
34	U Uranium	186	0.2 PPM		Neutron Activation
35	WT Test Weight	186	0.01 g		

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SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
PREPARED PULP	186	AS RECEIVED	186	As Received, No SP	186

REMARKS: RESULTS FOR SAMPLE 104B-889107 ARE ESTIMATES
DUE TO EXTREMELY HIGH SB. SOME ELEMENTS NOT
AVAILABLE, AND SOME DETECTION LIMITS ELEVATED
DUE TO HIGH SB, AS.
SAMPLE 104B-889107: SB 15.9%, AS 5.36%

< MEANS LESS THAN
104B-889046 22.0% ZN
-889047 36.7% ZN

REPORT COPIES TO: MR. JOHN LYNCH
MS. M. GOOD
MR. AL TOREN
S.B. BALLANTYNE

INVOICE TO: MS. M. GOOD

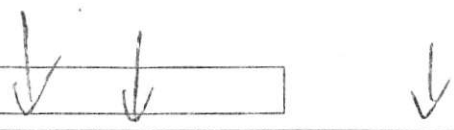


REPORT: 089-51378.0

PROJECT: 23233-6-1332

PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	Sc PPM	Cr PPM	Fe PCT	Co PPM	Ni PPM	Zn PPM	As PPM	Se PPM	Br PPM	Rb PPM	Zr PPM
IRONCAP #10													
16-37	1048-888267	0.23	9.2	<20	3.0	11	<10	140	33.0	8	<0.5	280	<200
63	1048-888268	0.41	7.9	<92	3.0	10	<43	510	194.0	15	8.1	200	1200
77	1048-888269	0.18	8.9	<57	3.2	7	<26	<100	98.2	10	4.3	200	<510
105	1048-888270	0.27	13.0	<20	3.2	12	<20	410	56.5	14	1.9	310	<200
129	1048-888271	0.22	8.9	<20	6.0	13	<10	1300	22.0	23	<0.5	240	<200
145	1048-888272	0.18	13.0	<20	2.5	12	<10	380	16.0	11	0.6	260	<200
177	1048-888273	0.20	11.0	29	3.5	17	24	240	24.0	10	0.9	310	<200
195	1048-888274	0.12	10.0	57	4.4	16	18	130	68.1	17	1.0	240	<200
229	1048-888275	0.16	16.0	<20	4.0	16	23	150	30.0	13	<0.5	330	<200
244	1048-888276	0.20	12.0	<20	3.5	16	<10	380	65.8	12	1.0	270	<410
265	1048-888277	0.21	9.4	<20	2.9	16	<10	250	20.0	11	<0.5	260	<200
291	1048-888278	0.13	5.0	<20	1.1	<5	12	140	6.5	<5	<0.5	230	<200
310	1048-888279	0.16	10.0	<20	10.0	12	<10	110	78.9	28	0.9	310	<200
326	1048-888280	0.20	7.8	56	3.2	7	<10	150	31.0	7	<0.5	310	<200
342	1048-888281	0.13	3.5	<20	0.9	<5	20	230	10.0	<5	0.9	200	<200
371	1048-888282	0.16	10.0	30	4.8	9	31	190	42.0	9	<0.5	310	390
389	1048-888283	0.13	7.4	63	4.2	26	<10	230	16.0	15	<0.5	290	<200
412	1048-888284	0.18	7.4	53	2.7	6	<10	170	14.0	6	0.7	340	<200
428	1048-888285	0.15	11.0	<48	3.7	14	35	170	46.0	13	2.1	310	600
459	1048-888286	0.08	16.0	35	6.7	16	24	200	17.0	36	0.7	330	<420
482	1048-888287	0.19	7.5	<46	2.7	10	<22	230	53.9	10	2.8	340	<420
507	1048-888288	0.20	10.0	32	3.6	12	<10	140	21.0	16	1.7	310	<200
525	1048-888289	0.24	9.4	45	3.6	12	<10	200	10.0	10	<0.5	250	<200
536	1048-888290	0.07	15.0	33	9.1	29	<10	300	30.0	15	<0.5	170	<200
563	1048-888291	0.19	8.6	38	4.6	8	<10	200	52.0	<5	0.9	220	<200
594	1048-888292	2.10	16.0	<20	4.2	7	<10	280	4.6	<5	1.1	270	<200
619	1048-888293	1.70	16.0	<20	4.3	9	<10	360	4.6	<5	<0.5	250	<200
641	1048-888294	0.21	19.0	37	11.0	35	<41	960	51.8	73	4.4	170	<820
667	1048-888295	0.20	9.1	45	4.1	10	<10	130	7.7	13	1.4	210	<200
686	1048-888296	0.15	10.0	<93	4.4	<5	<40	520	157.0	16	12.0	410	<810
710	1048-888297	0.11	5.9	51	4.3	13	<10	220	8.9	8	<0.5	220	<200
730	1048-888298	0.08	1.9	<20	4.0	12	<10	480	11.0	<5	<0.5	70	<200
747	1048-888299	0.12	11.0	36	6.7	30	39	300	48.0	21	<0.5	190	<200
767	1048-888300	0.13	6.1	32	3.7	21	<10	200	20.0	12	0.9	190	<200
788	1048-888301	0.19	6.8	27	3.4	16	22	180	16.0	11	0.6	240	<200
805	1048-888302	0.23	7.8	49	7.2	27	<22	320	228.0	19	2.0	330	<430
826	1048-888303	0.17	8.0	43	3.3	13	<10	190	32.0	11	<1.1	310	<200
833	1048-888304	0.16	2.1	<20	1.1	<5	<10	140	15.0	<5	0.7	250	<200
852	1048-888305	0.16	1.2	<20	1.0	<5	<10	180	38.0	<5	0.8	280	<200
874	1048-888306	0.19	1.8	<20	1.4	6	<10	200	13.0	<5	<0.5	250	270



REPORT: 089-51378.0

PROJECT: 28233-6-1832

PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Cs PPM	Ba PPM	La PPM	Ce PPM	Sm PPM	Eu PPM
37	1048-888267	259	3	<5	<100	8.4	<10	2.6	8220	16	19	1.60	<1
63	1048-888268	2050	19	<17	<730	542.0	<63	<0.5	7030	226	130	5.20	<3
77	1048-888269	208	8	<5	<450	273.0	<39	0.8	6230	72	63	3.90	<1
105	1048-888270	152	<2	<5	<280	102.0	<24	2.4	6380	25	21	2.40	<1
129	1048-888271	276	14	<5	<100	20.6	<10	2.0	5710	23	22	1.60	<1
145	1048-888272	344	13	<5	<100	24.2	<10	1.7	5210	26	21	1.90	<1
177	1048-888273	246	6	<5	<210	52.5	<10	2.2	4090	23	17	2.30	<1
195	1048-888274	146	6	<5	<210	55.9	<10	1.9	9340	36	32	2.70	<1
227	1048-888275	85	8	<5	<100	19.0	<10	2.3	4100	24	32	2.80	<1
244	1048-888276	1140	37	<5	<290	114.0	<26	1.0	5670	35	30	2.20	<1
265	1048-888277	1010	10	<5	<100	23.1	<10	1.9	5900	30	30	1.80	<1
291	1048-888278	443	4	<5	<100	10.0	<10	1.3	2400	17	15	1.00	<1
310	1048-888279	356	11	<5	<100	47.5	<10	3.0	3100	23	24	2.10	<1
326	1048-888280	120	5	<5	<100	52.4	<10	1.2	4100	19	28	2.20	<1
342	1048-888281	330	<2	<5	<100	21.7	<10	1.1	2090	12	14	1.10	<1
371	1048-888282	458	5	<5	<100	14.0	<10	3.4	2500	22	26	2.40	<1
389	1048-888283	691	4	<5	<200	46.9	<10	1.5	2100	22	29	2.00	<1
412	1048-888284	303	4	<5	<100	32.9	<10	2.7	1900	25	24	2.50	1
428	1048-888285	1210	14	<5	<380	161.0	<33	1.6	3100	52	46	3.40	2
437	1048-888286	98	5	<5	<100	17.0	<10	6.2	600	70	65	4.50	<1
482	1048-888287	212	<2	<5	<360	190.0	<31	1.9	4400	22	34	3.30	<1
507	1048-888288	301	11	<5	<230	74.0	<20	2.3	5010	36	37	1.90	<1
525	1048-888289	146	6	<5	<100	9.4	<10	2.0	4000	30	23	2.60	<1
538	1048-888290	269	10	<5	<100	11.1	<10	3.5	2000	20	11	2.30	<1
583	1048-888291	136	9	<5	<100	5.2	<10	2.9	4300	18	25	3.60	<1
594	1048-888292	4	<2	<5	<100	7.0	<10	4.7	5450	12	21	3.00	<1
619	1048-888293	3	<2	<5	<100	7.5	<10	5.5	4100	13	18	3.10	<1
641	1048-888294	1010	207	17	<420	159.0	<37	<0.5	1500	51	430	22.50	<3
664	1048-888295	42	6	<5	<100	25.1	<10	1.7	3800	18	29	3.50	<1
686	1048-888296	37	33	<17	<740	636.0	<66	4.0	1700	37	<5	4.00	3
710	1048-888297	21	3	<5	<100	11.9	<10	3.7	2000	42	51	5.30	1
730	1048-888298	9	2	<5	<100	7.0	<10	2.1	<120	35	39	2.40	<1
747	1048-888299	11	5	<5	<100	7.5	<10	4.0	1800	31	37	4.00	<1
767	1048-888300	18	<2	<5	<100	6.1	<10	1.6	2500	51	55	4.70	<1
788	1048-888301	43	<2	<5	<100	8.9	<10	1.8	2000	35	44	3.90	1
805	1048-888302	108	4	<5	<210	29.9	<10	3.2	2500	82	110	7.10	1
826	1048-888303	48	<2	<5	<100	9.4	<10	2.7	2900	35	44	3.50	<1
833	1048-888304	<1	<2	<5	<100	8.1	<10	1.6	1700	16	22	1.30	<1
852	1048-888305	8	3	<5	<100	4.2	<10	1.7	2100	14	15	1.00	<1
874	1048-888306	3	<2	<5	<100	3.1	<10	1.7	2500	9	7	0.60	<1

REPORT: 089-51378.0

PROJECT: 23233-6-1332 PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Tb PPM	Yb PPM	Lu PPM	Hf PPM	Ta PPM	W PPM	Ir PPB	Au PPB	Th PPM	U PPM	WT g
<i>IRON CAP #14</i>												
637	1048-888267	<0.5	<2	<0.2	1	0.6	5	<50	110	1.7	2.9	8.27
63	1048-888268	2.1	12	1.1	<3	<0.5	15	<120	200	3.0	14.0	7.48
77	1048-888269	0.9	6	0.4	<2	<0.5	8	<50	180	1.7	5.8	7.84
105	1048-888270	<0.5	<2	0.3	<1	0.7	7	<50	29	2.4	3.3	6.81
129	1048-888271	<0.5	<2	<0.2	1	0.7	14	<50	180	1.9	5.2	8.97
145	1048-888272	0.7	<2	<0.2	1	<0.5	20	<50	140	3.5	7.7	7.65
177	1048-888273	0.6	2	<0.2	3	<0.5	19	<50	62	2.9	7.0	6.37
195	1048-888274	0.6	<2	<0.2	<1	0.7	24	<50	130	2.1	11.0	7.69
227	1048-888275	0.6	<2	<0.2	2	0.6	13	<50	76	3.5	10.0	7.82
244	1048-888276	1.0	<2	<0.2	<1	<0.5	13	<50	140	2.1	10.0	6.89
265	1048-888277	0.8	<2	<0.2	<1	<0.5	16	<50	110	1.6	5.9	8.63
291	1048-888278	<0.5	<2	<0.2	2	<0.5	9	<50	11	1.4	3.2	7.10
310	1048-888279	0.6	<2	<0.2	<1	<0.5	14	<50	180	2.5	4.5	9.34
326	1048-888280	<0.5	<2	<0.2	3	0.7	19	<50	51	3.8	6.2	8.11
342	1048-888281	<0.5	<2	<0.2	1	0.6	7	<50	9	1.6	3.1	4.12
371	1048-888282	<0.5	<2	<0.2	3	<0.5	9	<50	120	2.4	10.0	8.85
387	1048-888283	0.7	<2	<0.2	3	0.7	16	<50	19	2.7	7.0	6.72
412	1048-888284	<0.5	<2	<0.2	3	<0.5	9	<50	33	2.7	8.9	6.48
458	1048-888285	1.1	3	<0.2	<1	<0.5	35	<50	46	3.7	18.0	7.65
459	1048-888286	0.9	<2	<0.2	<1	<0.5	8	<50	88	3.8	21.5	7.45
482	1048-888287	0.7	4	<0.2	<1	0.6	16	<50	19	4.6	7.0	7.80
507	1048-888288	0.5	2	<0.2	<1	<0.5	21	<50	59	2.1	11.0	7.93
525	1048-888289	<0.5	<2	<0.2	2	<0.5	12	<50	61	3.4	9.4	7.03
538	1048-888290	0.7	<2	<0.2	2	<0.5	20	<50	897	3.7	12.0	8.21
563	1048-888291	<0.5	<2	<0.2	2	0.6	9	<50	980	3.2	10.0	7.56
594	1048-888292	<0.5	<2	<0.2	2	0.6	5	<50	32	3.0	2.5	9.23
619	1048-888293	0.8	2	<0.2	1	0.8	4	<50	22	2.8	3.6	9.25
641	1048-888294	3.6	5	<0.5	<3	<0.5	24	<50	431	4.7	89.5	7.71
672	1048-888295	1.0	3	<0.2	2	0.5	8	<50	38	3.5	35.6	8.92
686	1048-888296	<0.5	21	0.8	<3	<0.5	7	<120	56	<1.3	48.7	6.99
710	1048-888297	1.1	4	<0.2	1	0.6	7	<50	28	2.4	103.0	6.95
730	1048-888298	0.5	3	<0.2	<1	<0.5	2	<50	100	1.4	37.8	7.31
747	1048-888299	0.7	<2	<0.2	2	<0.5	5	<50	180	5.5	45.9	7.41
767	1048-888300	1.2	3	<0.2	2	<0.5	10	<50	100	4.5	37.0	7.13
788	1048-888301	1.0	<2	<0.2	3	<0.5	14	<50	31	4.2	20.3	8.02
805	1048-888302	1.2	<2	<0.2	2	<0.5	11	<50	160	4.1	35.8	6.85
826	1048-888303	0.7	<2	<0.2	3	<0.5	12	<50	74	2.4	19.0	6.66
833	1048-888304	<0.5	<2	<0.2	3	0.7	2	<50	49	8.5	18.0	6.22
852	1048-888305	<0.5	<2	<0.2	3	0.6	2	<50	150	9.4	15.0	6.18
874	1048-888306	<0.5	<2	<0.2	3	0.8	2	<50	40	10.0	11.0	5.95

REPORT: 089-51378.0

PROJECT: 23233-6-1332

PAGE 2A

SAMPLE NUMBER	ELEMENT UNITS	Na PCT	Sc PPM	Cr PPM	Fe PCT	Co PPM	Ni PPM	Zn PPM	As PPM	Se PPM	Br PPM	Pb PPM	Zr PPM
874	<i>IPow CRPH</i>	0.17	8.0	38	3.6	16	30	240	13.0	7	<0.5	270	<200
915		0.12	11.0	38	5.5	28	27	380	57.0	10	<0.5	260	<200
921		0.23	9.2	58	4.1	15	<10	260	37.0	6	<0.5	320	<200
947		0.26	9.2	44	3.4	20	30	270	37.0	7	<0.5	280	<200
972		0.28	7.7	45	3.2	12	16	220	20.0	7	0.7	280	<200
995	104B-888312	0.24	9.4	57	3.2	23	25	190	8.1	9	<0.5	320	380
	104B-889001	3.08	8.4	<20	3.7	8	<10	320	56.6	<5	1.2	52	<200
	104B-889002	0.26	8.9	44	8.3	24	49	150	20.0	<5	2.2	190	<200
	104B-889003	1.90	12.0	29	2.2	10	40	180	5.1	<5	1.7	130	<200
	104B-889004	3.36	11.0	<20	3.5	8	17	140	4.5	<5	0.7	140	<200
	104B-889005	2.44	10.0	<20	3.1	6	<10	180	11.0	<5	0.7	190	<200
	104B-889006	3.94	8.3	<20	3.1	<5	<10	<100	5.2	<5	0.7	110	530
	104B-889007	3.07	14.0	27	5.0	8	26	230	9.1	<5	2.0	110	<200
	104B-889008	2.38	14.0	57	5.0	8	28	200	14.0	<5	0.8	180	<200
	104B-889009	2.24	7.8	23	19.0	27	36	<100	12.0	8	0.8	45	<200
	104B-889010	2.18	6.3	<20	2.7	<5	30	160	1.6	<5	0.9	160	<200
	104B-889011	1.80	5.1	<20	1.6	<5	<10	180	7.8	<5	<0.5	140	410
	104B-889012	4.37	14.0	53	3.7	9	72	670	59.5	6	1.0	120	<430
	104B-889013	1.10	10.0	48	6.0	15	52	270	106.0	20	0.6	250	<200
	104B-889014	1.20	25.1	32	14.0	69	36	320	107.0	<5	0.9	190	<440
	104B-889015	1.20	28.1	<20	9.3	14	<22	500	323.0	<5	2.8	270	<430
	104B-889016	2.37	5.9	<20	17.0	<5	<30	370	1180.0	18	6.5	130	<570
	104B-889017	2.00	19.0	<20	5.3	11	<10	780	73.3	<5	0.5	210	<200
	104B-889018	<0.08	8.1	<64	6.0	<5	<32	7600	286.0	<5	6.2	120	<660
	104B-889019	0.04	12.0	<20	4.4	8	<10	190	428.0	8	1.2	93	<200
	104B-889020	1.60	20.9	38	5.1	17	<10	420	52.3	<5	1.0	210	<200
	104B-889021	1.40	21.7	<20	5.8	18	<23	380	174.0	6	1.2	170	690
	104B-889022	3.02	24.6	<20	5.9	19	<22	560	49.0	<5	0.8	93	<430
	104B-889023	0.09	19.0	<20	3.4	8	<10	700	91.3	<5	1.0	190	<200
	104B-889024	0.71	14.0	49	4.5	10	<10	200	111.0	<5	1.1	290	<200
	104B-889025	4.13	13.0	56	3.6	13	<10	170	71.6	<5	<0.5	160	<200
	104B-889026	4.34	7.2	40	2.4	<5	<10	140	16.0	<5	<0.5	99	<200
	104B-889027	2.62	5.8	28	1.7	<5	34	210	87.2	<5	<0.5	150	<200
	104B-889028	0.93	7.7	37	2.6	9	27	150	154.0	<5	1.2	350	<200
	104B-889029	<0.02	20.9	<20	3.7	9	26	350	1010.0	8	3.6	27	<440
	104B-889030	2.80	30.8	65	6.6	32	<24	170	20.0	<5	<0.5	31	<450
	104B-889031	1.70	10.0	120	3.7	16	41	370	42.0	<5	5.3	78	390
	104B-889032	2.49	35.7	130	6.4	33	49	240	13.0	<5	0.9	55	<200
	104B-889033	0.10	20.7	56	4.8	10	<10	170	21.0	<5	2.5	83	<200
	104B-889034	0.10	34.3	120	6.7	<5	<21	270	126.0	<5	2.4	160	<420

REPORT: 089-51378.0

PROJECT: 23233-6-1332

PAGE 26

SAMPLE NUMBER	ELEMENT UNITS	Mo PPM	Ag PPM	Cd PPM	Sn PPM	Sb PPM	Te PPM	Cs PPM	Ba PPM	La PPM	Ce PPM	Sm PPM	Eu PPM
6-87 104B-888307	Row 816	66	4	<5	<100	4.7	<10	2.2	2300	30	41	3.70	<1
915 104B-888308		27	45	<5	<100	6.0	<10	4.2	1800	30	41	3.30	<1
922 104B-888309		42	<2	<5	<100	3.2	<10	3.1	2500	30	49	3.50	<1
94 104B-888310		171	<2	<5	<100	3.8	<10	2.1	1900	31	50	3.60	1
97 104B-888311		56	<2	<5	<100	9.3	<10	1.9	1300	11	19	2.20	<1
995 104B-888312		63	12	<5	<100	2.9	<10	2.4	2700	20	37	3.40	<1
104B-889001	Montgomery zone	2	<2	<5	<100	6.2	<10	2.4	1800	15	30	3.60	<1
104B-889002		347	<2	<5	<100	3.7	<10	1.9	2900	8	13	1.60	<1
104B-889003		15	<2	<5	<100	3.9	<10	1.4	3100	8	20	2.70	<1
104B-889004		2	<2	<5	<100	1.8	<10	1.3	4100	17	31	3.10	<1
104B-889005		<1	<2	<5	<100	3.3	<10	3.2	3900	19	32	3.20	<1
104B-889006		<1	<2	<5	<100	2.8	<10	1.9	5010	17	26	3.10	<1
104B-889007		187	<2	<5	<100	2.6	<10	0.8	1900	15	24	2.30	<1
104B-889008		236	9	<5	<100	2.7	<10	1.4	3100	17	26	2.50	<1
104B-889009		324	32	<5	<100	2.5	<10	<0.5	4600	9	<12	1.50	<1
104B-889010		<1	<2	<5	<100	1.0	<10	0.9	3900	11	16	1.80	<1
104B-889011		<1	<2	<5	<100	2.3	<10	0.8	3000	9	15	1.50	<1
104B-889012		1	<2	11	<100	10.9	<10	0.9	2900	10	23	4.50	<1
104B-889013		30	<2	6	<100	7.7	<10	1.9	3000	6	<5	1.70	<1
104B-889014		27	<4	<5	<100	10.7	<10	2.9	2000	19	29	4.70	<1
104B-889015		<1	<2	<5	<210	38.9	<10	5.4	4700	9	16	2.60	<1
104B-889016		45	37	<11	<380	131.0	<36	2.1	1900	49	44	1.60	2
104B-889017		<1	<2	7	<100	8.7	<10	5.6	6030	16	25	2.90	<1
104B-889018		20	272	67	<500	306.0	<45	1.8	3000	15	<21	1.20	2
104B-889019		5	3	<5	<100	21.2	<10	2.1	10900	13	19	1.70	<1
104B-889020		<1	<2	<5	<100	10.9	<10	7.2	3700	13	19	2.30	<1
104B-889021		<1	<4	<5	<220	40.8	<20	5.9	3700	18	24	3.20	<1
104B-889022		<1	<2	<5	<100	9.3	<10	4.9	4100	18	30	2.90	<1
104B-889023		2	<2	<5	<100	22.9	<10	5.6	5000	15	31	2.40	<1
104B-889024		4	<2	<5	<100	6.8	<10	5.9	2800	9	11	2.40	<1
104B-889025		4	<2	<5	<100	4.2	<10	3.3	810	11	20	2.40	<1
104B-889026		9	<2	<5	<100	4.3	<10	1.7	1400	11	17	1.90	<1
104B-889027		22	<2	<5	<100	15.0	<10	2.0	1600	8	11	1.40	<1
104B-889028		24	4	<5	<100	6.2	<10	5.3	3500	55	52	4.90	<1
104B-889029		335	7	<5	<250	18.2	<24	<0.5	350	21	34	1.80	<1
104B-889030		<1	<4	<5	<100	0.9	<10	1.7	950	6	12	2.30	<1
104B-889031		<1	<2	<5	<100	3.6	<10	3.5	1100	14	18	3.20	<1
104B-889032		<1	<2	<5	<100	1.1	<10	1.1	2600	9	12	2.40	<1
104B-889033		<1	<2	<5	<100	10.5	<10	6.2	1300	8	13	2.10	<1
104B-889034		<1	<2	<5	<100	27.8	<10	5.2	2200	10	15	2.20	<1



REPORT: 089-51378.0

PROJECT: 23233-6-1332

PAGE 20

SAMPLE NUMBER	ELEMENT UNITS	Tb PPM	Yb PPM	Lu PPM	Hf PPM	Ta PPM	W PPM	Ir PPB	Au PPB	Tn PPM	U PPM	WT g
<i>100W CAP</i> 899	1048-888307	0.7	<2	<0.2	1	<0.5	9	<50	89	5.2	23.6	7.00
915	1048-888308	0.8	<2	<0.2	2	<0.5	11	<50	190	4.5	56.8	6.85
927	1048-888309	0.9	3	<0.2	3	<0.5	18	<50	85	5.0	19.0	6.40
947	1048-888310	0.6	2	<0.2	3	0.5	24	<50	60	5.0	24.9	6.95
972	1048-888311	<0.5	<2	<0.2	4	0.5	19	<50	110	1.3	7.8	6.61
915	1048-888312	0.5	<2	<0.2	3	0.7	19	<50	51	2.8	11.0	7.87
	1048-889001 <i>Montgomery zone</i>	0.9	3	0.3	2	0.6	<1	<50	<2	5.4	3.2	9.25
	1048-889002	<0.5	<2	<0.2	3	<0.5	32	<50	330	3.4	5.0	9.90
	1048-889003	<0.5	2	<0.2	2	<0.5	5	<50	110	1.8	2.8	7.07
	1048-889004	0.6	2	<0.2	2	1.1	<1	<50	25	5.0	3.6	7.63
	1048-889005	0.6	<2	<0.2	2	1.0	11	<50	16	6.9	3.8	7.00
	1048-889006	0.7	<2	<0.2	3	0.6	<1	<50	5	5.6	2.7	7.35
	1048-889007	<0.5	<2	<0.2	3	0.9	10	<50	140	4.8	5.3	10.13
	1048-889008	<0.5	<2	<0.2	2	0.9	14	<50	1510	3.4	12.0	7.13
	1048-889009	<0.5	<2	<0.2	<1	<0.5	4	<50	1400	3.0	12.0	10.14
	1048-889010	<0.5	<2	<0.2	3	1.0	3	<50	4	6.9	1.8	6.66
	1048-889011	<0.5	<2	<0.2	2	1.0	4	<50	<2	4.8	1.5	7.11
	1048-889012	<0.5	2	0.3	2	<0.5	54	<50	337	5.2	2.9	7.30
	1048-889013	<0.5	<2	<0.2	2	0.5	62	<50	382	2.7	1.7	6.23
	1048-889014	0.8	3	0.3	<1	0.6	13	<50	331	3.3	2.7	8.21
	1048-889015	<0.5	3	<0.2	<1	<0.5	17	<50	716	3.1	1.5	8.90
	1048-889016	<0.5	<2	<0.2	<1	<0.5	11	<50	1920	1.3	2.0	8.12
	1048-889017	<0.5	<2	<0.2	<1	0.5	7	<50	53	4.1	2.1	8.21
	1048-889018 <i>North Hole 36</i>	<0.5	10	<0.5	<2	<0.5	17	<50	3230	1.3	2.1	7.85
	1048-889019	<0.5	<2	<0.2	2	<0.5	5	<50	824	2.5	3.5	7.28
	1048-889020	<0.5	<2	<0.2	2	1.0	3	<50	20	5.1	2.8	7.39
	1048-889021	<0.5	3	0.3	<1	0.7	7	<50	90	3.3	1.3	6.81
	1048-889022	<0.5	<2	<0.2	<1	0.8	6	<50	68	4.7	2.2	7.47
	1048-889023	<0.5	<2	<0.2	<1	0.6	7	<50	305	4.0	2.6	6.47
	1048-889024	<0.5	<2	<0.2	2	<0.5	14	<50	343	2.4	2.6	6.46
	1048-889025	<0.5	<2	<0.2	3	0.7	37	<50	170	3.1	2.6	8.12
	1048-889026	<0.5	<2	<0.2	2	<0.5	5	<50	150	2.2	1.4	7.97
	1048-889027	<0.5	<2	<0.2	1	<0.5	11	<50	110	1.7	1.9	6.91
	1048-889028	0.5	<2	<0.2	3	<0.5	25	<50	962	4.9	11.0	7.60
	1048-889029 <i>and Montgomery</i>	0.7	<2	<0.2	<1	<0.5	8	<50	1000	0.8	3.4	8.11
	1048-889030 <i>Montgomery</i>	0.7	<2	0.3	1	<0.5	<2	<50	8	1.1	0.6	8.22
	1048-889031	0.6	<2	<0.2	2	0.8	<1	<50	8	2.7	1.7	6.92
	1048-889032	0.6	<2	0.2	<1	0.7	2	<50	12	1.6	0.7	9.85
	1048-889033	0.6	<2	0.3	<1	0.6	<1	<50	<2	1.8	1.0	8.91
	1048-889034	<0.5	3	0.3	<1	0.8	4	<50	33	2.1	1.1	6.69