REPORT ON

TEST PITTING AND GEOCHEMICAL SAMPLING

PARROTT LAKE PROSPECT

IRK CLAIMS

HOUSTON AREA

OMINECA MINING DIVISION

93 L/ 2E

Latitude 54°12' Longitude 126°38'

Asarco Exploration Company of Canada, Limited

(Owner and Operator)

by

R. E. Gale October 1982

TABLE OF CONTENTS

LOCATION

Figure 1 is a location map of B.C. showing the approximate location of the Parrott Lake Prospect (IRK Claims) about 64 kilometers southeast of Smithers, B.C.

CLAIMS

Figure 2 is a more detailed location map showing the claims location 21.7 kms. south of Houston. Inset is a claims map showing the IRK I - X claims inclusive.

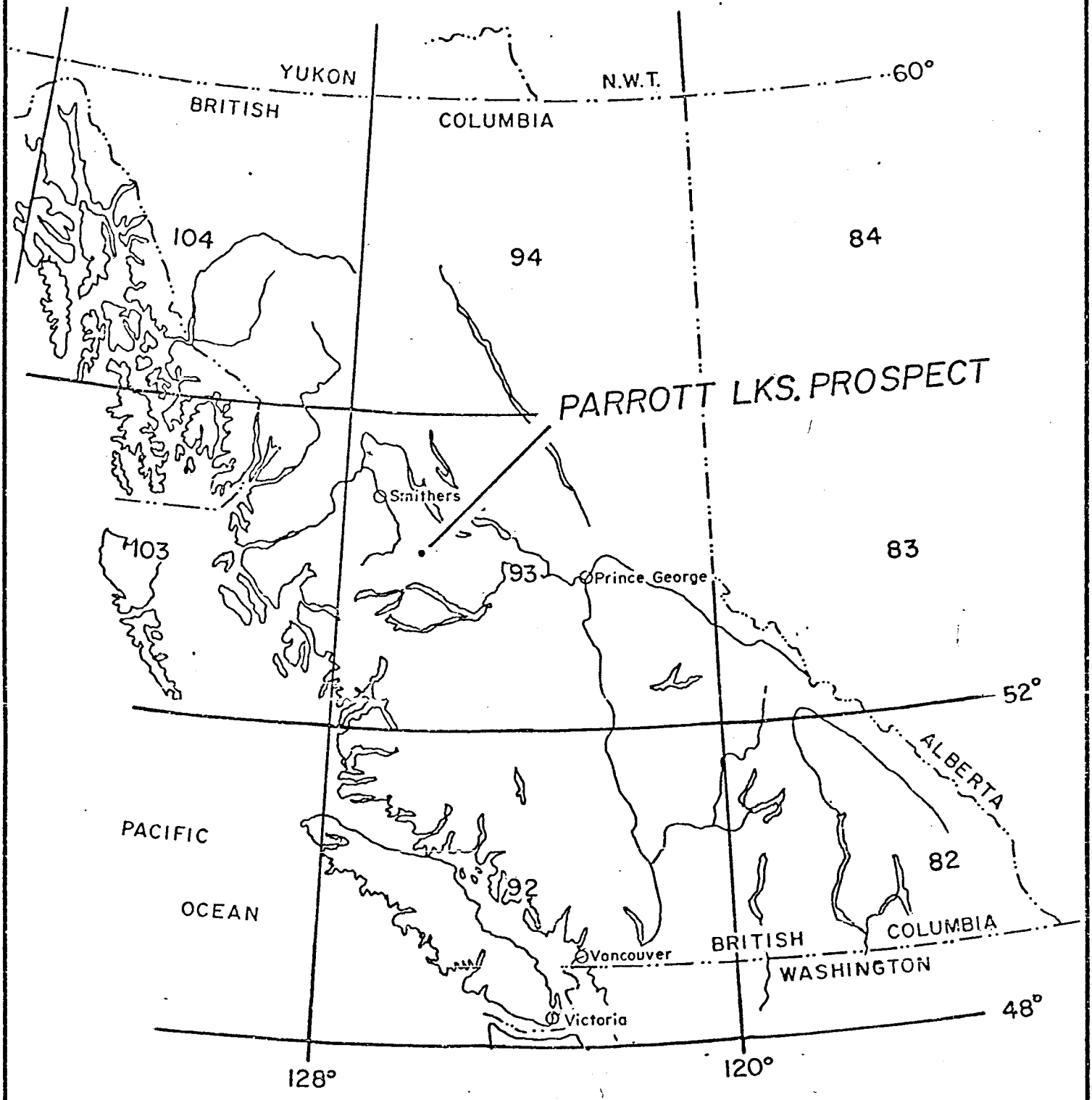
OBJECTIVE OF WORK AND METHOD

A program of test-pitting to bedrock utilizing a backhoe was carried out on the IRK I, 6, VII and IX claims during the period July 5 - 17, 1982.

The purpose of the program was to attempt to find mineralization in bedrock beneath shallow soil cover, in areas where VLF anomalies and Pb-Zn-Cu-Ag soil geochem anomalies had been detected by earlier surveys.

In all, 35 pits were dug with backhoe reaching bedrock at depths of .66 to 2 meters. Because the area is open to cattle grazing all pits were filled in, following sampling, and soil cover was restored as near as possible to its original configuration.

The first 11 pits were dug in relatively accessible areas requiring little trail construction for access. This work was preformed by a standard backhoe contracted from B and E Enterprises, Houston B.C. The remaining area of more difficult access



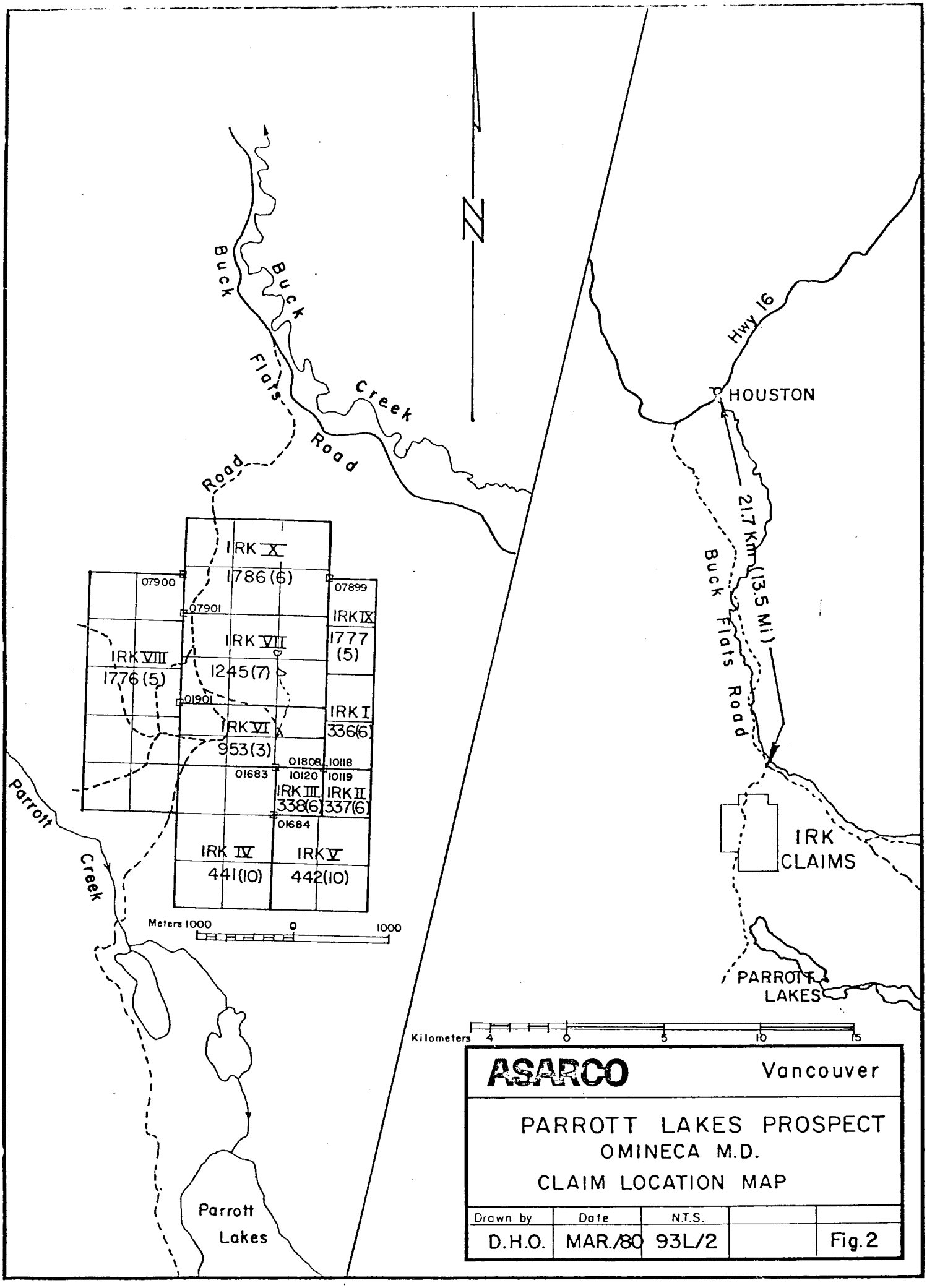
ASARCO Vancouver

PARROTT LKS. PROSPECT

LOCATION MAP

Drawn by	Date	N.T.S.		Figure
D.H.O.	MAR./80	93L/2E		1

VanCal


N
Buck Creek
Buck Flats Road
Road
HOUSTON
Hwy 16
21.7 Km (13.5 Mi)
Buck Flats Road
IRK X
1786(6)
07900
07899
07901
IRK IX
1777
(5)
IRK VIII
1776(5)
IRK VIII
1245(7)
01901
IRK I
336(6)
IRK VI
953(3)
01808
10118
01683
10120
10119
IRK III
338(6)
IRK II
337(6)
01684
IRK IV
441(10)
IRK V
442(10)
Meters 1000 0 1000
Parrott Creek
IRK CLAIMS
PARROTT LAKES
Parrott Lakes
Kilometers 4 0 5 10 15
ASARCO
Vancouver
PARROTT LAKES PROSPECT
OMINECA M.D.
CLAIM LOCATION MAP
Drawn by
D.H.O.
Date
MAR./80
N.T.S.
93L/2
Fig. 2
VanCal

required cutting of trees and trail construction utilizing a skidder-mounted backhoe contracted from J. Hidber, Telkwa, B.C.

In about half of the pits, bedrock was not reached within 2 meters depth, in which case only boulders carrying pyrite or other sulfides, and soils were sampled. Geochem samples were taken from the walls of pits at .66 meters (2') and 2 meters (6') depth, unless bedrock was reached above 6'depth in which case a soil sample was taken just above the bedrock surface.

All samples of soil, float boulders and bedrock were run by Acme Analytical Labs using the I.C.P. method. In addition all samples were run geochemically for Au by the combined Fire Assay bead and Atomic Absorption method and Hg and Ag were run by the Atomic Absorption method.

Work in the field was carried out under the supervision of R. E. Gale.

RESULTS OF PITTING

The following is a tabulation of the type of material found in each pit. Less than half the pits reached bedrock and in many the depth of soil is greater than 4 meters.

Pit No.	Type Soil	Type Float Boulders	Bedrock Depth	Type Bedrock
P 1	Red Clay	Pyritic-Siliceous intrusive rock?	+4 meters	?
P 2	"	" "	+3 meters	?
P 3	Red-Brown Clay	Frac volc w/barite	+2 meters	?
P 4	Red-Brown Clay	Pyritic silicif volc.	+3 meters	?
P 5	Red-Brown Sandy Clay	Bleached pink volc. rock	+2 meters	?

Pit No.	Type Soil	Type Float Boulders	Bedrock Depth	Type Bedrock
P 6	Red-Brown Sandy Clay	Bleached pink volc. rock	+2 meters	?
P 7	"	"	+2 meters	?
P 8	"	Frac volc.w/barite?	4 meters	Red And Tuff
P 9	"	Silicif-bleached volc.	1 meter	?
P 10	"	"	+3 meters	?
P 11	"	Silicified-bleached diorite-monzonite	+1 meter	?
P 12	Red Clay	"	.66 meter	Red Feld. Xtal Tuff
P 13	"	Bleached volc.rock	+2 meters	?
P 14	"	"	.66 meters	Strong bleached alt volc.
P 15	"	None collected	1.3 meters	"
P 16	"	"	1.3 meters	"
P 17	"	"	.66 meters	Red volc. tuff
P 18	"	"	.33 meters	Strongly bleached volc.
P 19	"	"	2.33 meters	"
P 20	"	"	+2 meters	?
P 21	"	"	+2 meters	?
P 22	"	"	1.33 meters	Fresh Hbl Gd Dike?
P 23	Black sooty soil	"	1.66 meters	Carb calc. arkose
P 24	"	"	+2 meters	"
P 25	"	"	.66 meters	w/gal sph
P 26	"	"	.66 meters	carbonaceous arkose
P 27	Red clayey soil	"	4.66 meters	bleached volc. tr malachite
P 28	"	"	+2 meters	?
P 29	"	"	1.33 meters	red volc. breccia

Pit No.	Type Soil	Type Float Boulders	Bedrock Depth	Type Bedrock
P 30	Red clayey soil	None Collected	2 meters	bleached andesite
P 31	"	"	+2 meters	?
P 32	"	"	+2 meters	?
P 33	"	"	1 meter	Fresh Silt-stone
P 34	"	"	4 meter	Bleached Co3-veined Pink tuff
P 35	Red-brown clay	"	+2 meters	?

GEOCHEMICAL RESULTS

Geochemical results, for soils, float boulders and bedrock in pits 1 - 35 are included as Appendix A. Samples are too few in number to determine statisically anomalous limits.

It is evident that in the 2 different areas explored, as shown on Figure 3, rocks and soils from the western part of the area,(pits 1 - 11) are relatively enriched in Cu-Ag and Zn while those from the eastern section (Pits 12 - 35) are generally enriched in Pb-Zn, Mo, As and Cd.

CONCLUSIONS AND RECOMMENDATIONS

In both areas sampled,the predominent rock type is a pink-hematite rich, fine grained andesite tuff which is sheared, fractured and veined by calcite, chlorite,sericite and possibly barite.

In pits 23, 24, 25, 26 an unusual calcareous arkose or greywacke conglomerate carrying abundant probable carbonaceous

plant remains with 2-3% pyrite, galena and sphalerite was found in bedrock. Some of the sulfides appear to be fragments themselves and it is possible that they are an erosion product derived from older rocks rather than products of localized hydrothermal alteration and mineralization.

No bedding attitudes are visible and judging by the sheared nature of the andesitic rocks, faulting in the area is likely. It is possible that the arkosic conglomerate and the red andesitic volcanic rocks are in fault contact along steep dipping, northerly-trending faults.

According to mapping by Church (1970) the reddish andesitic volcanic rocks are probably part of his Tip Top Hill volcanics of Paleocene or Upper Cretaceous age and the arkosic conglomerate is probably part of an un-named early Mesozoic sequence of rocks.

In pits 1 and 11 near the west side of the area of test-pitting no bedrock was located but large pyritized float boulders .5 meters wide,which look to be of local derivation,were exposed. These boulders appear to be silicified intrusive rocks, possibly diorite or monzonite. The boulders from pit 1 are enriched in Ag and Au, and one boulder from pit 11 has 34.6 ppm Ag and 1787 ppm Cu. The geochem results here suggest that a concealed mineralized intrusion may exist "up glacial trend" to to north or northeast from pits 1 and 11.

Further test pitting by backhoe is warranted in the area of anomalous copper values in soils, which were detected in earlier surveys.

R E Gale

R. E. GALE, P. Eng.

REFERENCES

Church, B. N., 1970: B.C. Department of Mines and Petroleum Resources, GEM 1970, pp. 119 - 125.

MacIntyre, D. G., November 1978: Assessment Reports, Soil Geochemistry - Parrott Lakes Prospect - Irk VI claim.

Gale, R. E., August 15, 1979: Assessment Report - Soil Geochemistry, Parrott Lakes Prospect, Irk VII, VIII, IX and X claims.

Mullan, Ashton, W., November 27, 1979: Report on Induced Polarization and Resistivity Survey on the Parrott Lakes Prospect.

Olson, D. H., March, 1980: Assessment Report on the Percussion Drilling Program on the Parrott Lakes Prospect - Irk Claims.

Porter, J. R., June 3, 1982: Assessment Report VLF-EM and Total Field Ground magnetic surveys - Parrott Lakes Prospect.

APPENDIX "A"

ASSAY DATA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppb.
AG& ANALYSIS BY AA. AU& ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG& ANALYSIS BY FLAMELESS AA FROM .500 GRAM SAMPLE. SAMPLE TYPE - SOILS & ROCKS

DATE RECEIVED JULY 13 1982 DATE REPORTS MAILED July 19/82 ASSAYER DEAN TOYE, CERTIFIED B.C. ASSAYER

ASARCO FILE # 82-0578 (Soil Geochem Values) PAGE # 1

Pit #	SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppm	Ag* ppm
1	IRK P1-2	1	41	51	291	.5	18	10	677	3.83	31	2	ND	2	81	1	2	2	80	.31	.06	11	29	.25	289	.01	6	1.33	.02	.10	2	2	60	.5
1	IRK P1-6	1	54	59	450	1.2	32	17	1011	3.71	37	6	ND	2	177	2	2	2	75	2.45	.09	8	28	.48	666	.01	10	1.09	.03	.16	2	2	20	1.2
1	IRK P1-12	1	48	22	205	.3	51	20	1135	3.57	32	2	ND	2	172	1	2	2	64	1.47	.08	7	28	.59	513	.01	10	.97	.03	.18	2	2	70	.4
2	IRK P2-2	1	52	93	427	.4	11	10	551	3.90	40	2	ND	2	98	1	2	2	78	.30	.07	9	27	.29	285	.01	7	1.43	.02	.15	2	3	45	.5
2	IRK P2-7	1	46	29	207	.3	43	19	1034	3.52	32	3	ND	2	180	1	2	2	68	1.99	.08	7	32	.67	565	.01	10	1.01	.03	.15	2	2	70	.4
2	IRK P2-10	1	44	29	218	.3	27	14	730	3.70	28	2	ND	2	156	1	2	2	70	1.92	.09	8	32	.64	603	.01	12	1.11	.03	.19	2	2	35	.3
3	IRK P3-2	1	35	77	445	.3	24	17	1360	3.44	25	9	ND	2	145	2	2	2	70	2.91	.09	9	21	.50	684	.01	9	1.23	.03	.14	2	4	70	.2
3	IRK P3-6	1	39	54	352	.3	23	16	1162	3.62	26	5	ND	2	144	2	2	2	70	2.21	.10	9	24	.59	418	.01	9	1.26	.04	.16	2	2	30	.3
4	IRK P4-2	1	43	44	338	.5	28	13	850	4.10	26	2	ND	2	135	2	2	2	87	.55	.10	13	26	.42	414	.02	11	1.40	.03	.15	2	2	60	.4
4	IRK P4-6	1	37	39	293	.3	31	21	1503	3.53	26	2	ND	2	148	3	2	2	74	2.09	.09	9	26	.56	516	.01	12	1.09	.04	.17	2	2	30	.3
4	IRK P4-10	1	37	55	287	.3	25	15	1072	3.59	32	3	ND	2	153	3	2	2	78	2.29	.10	9	30	.63	409	.01	13	1.04	.05	.15	2	2	50	.4
5	IRK P5-6	1	31	24	138	.3	25	13	822	3.03	16	9	ND	2	238	2	2	2	66	3.60	.11	15	19	.65	479	.05	9	1.34	.04	.12	2	2	35	.2
6	IRK P6-2	1	24	19	137	.2	13	17	1491	3.14	22	3	ND	2	130	1	2	2	71	1.80	.11	9	13	.49	356	.02	10	.92	.06	.09	2	2	40	.3
6	IRK P6-6	1	24	21	112	.1	20	13	907	3.11	7	2	ND	3	179	1	2	2	69	1.28	.13	19	15	.84	517	.09	7	1.53	.05	.12	2	2	25	.2
7	IRK P7-2	1	43	26	233	.4	23	13	973	4.42	20	2	ND	2	147	1	2	2	97	.72	.10	12	23	.42	352	.01	9	1.58	.06	.11	2	2	80	.4
7	IRK P7-6	1	38	34	237	.6	30	16	1048	3.31	31	4	ND	2	182	2	2	2	64	2.08	.10	10	22	.54	355	.01	11	1.07	.04	.15	2	2	40	.5
8	IRK P8-2	1	36	57	282	.7	20	10	643	4.06	29	2	ND	2	136	1	2	2	86	.55	.10	17	28	.39	517	.02	10	1.54	.03	.12	2	2	70	.6
8	IRK P8-5	1	34	49	253	.4	24	15	1005	3.62	23	2	ND	2	151	2	2	2	80	.99	.12	14	21	.55	342	.03	11	1.29	.06	.13	2	2	20	.5
8	IRK P8-12	1	11	36	161	.3	10	10	607	2.95	33	2	ND	2	124	1	2	2	63	2.06	.09	7	9	.30	1578	.01	7	1.04	.04	.21	2	2	50	.3
9	IRK P9-3	1	41	32	210	.3	42	21	2158	3.50	26	10	ND	2	183	2	2	2	67	4.26	.11	11	20	.45	480	.02	9	1.02	.03	.11	2	2	30	.3
10	IRK P10-2	1	50	58	551	.4	43	25	1495	4.35	33	3	ND	2	124	3	2	2	87	1.08	.10	10	29	.34	424	.02	10	1.05	.03	.12	2	2	55	.5
10	IRK P10-9	1	42	34	290	1.0	33	15	730	3.82	30	2	ND	2	134	1	2	2	72	1.38	.10	10	25	.62	570	.02	11	.99	.06	.15	2	2	30	.9
11	IRK P11-2	1	35	60	262	.3	18	10	543	3.82	29	2	ND	2	138	1	2	2	76	.53	.10	12	25	.34	516	.01	8	1.36	.03	.11	2	2	70	.3
11	P11-6	1	28	158	148	.3	25	16	1152	3.28	23	2	ND	2	194	2	2	2	71	1.62	.11	12	16	.59	363	.03	10	1.16	.06	.11	2	2	20	.3
11	P11-R	3	25	11	243	.5	27	17	1002	3.67	67	2	ND	2	427	2	2	2	47	1.44	.08	6	8	.46	984	.01	9	.60	.04	.15	2	2	100	.5

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THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppm.
AU* ANALYSIS FROM 10 GRAM FA+AA. AG* ANALYSIS BY AA. HG* ANALYSIS BY FLAMELESS AA FROM .500 GRAM SAMPLE. SAMPLE TYPE - SOIL - PULVERIZED

DATE RECEIVED JULY 21 1982 DATE REPORTS MAILED July 29/82 ASSAYER DEAN TOYE, CERTIFIED B.C. ASSAYER

ASARCO PROJECT # IRK CLAIMS FILE # 82-0639 (Soil Geochem Samples) PAGE # 1

Pit #	SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb	Ag* ppm
14	9N .4E 2'	1	11	24	263	.1	11	8	780	3.82	26	2	ND	2	163	2	2	2	77	.44	.09	11	11	.32	330	.01	3	1.02	.03	.04	2	2	230	.1
15	9N 1E 4'	1	9	18	135	.1	4	6	508	2.06	16	2	ND	2	175	1	2	2	47	.35	.07	9	4	.18	177	.01	3	.73	.03	.01	2	2	30	.1
13	9N 0W 2'	1	20	28	259	.2	12	6	246	2.35	19	2	ND	2	142	2	2	2	54	.53	.08	16	15	.35	261	.03	4	1.14	.04	.06	2	2	50	.2
13	9N 0W 6'	1	25	30	264	.1	19	14	876	3.32	27	2	ND	2	148	2	2	2	65	.54	.10	14	18	.37	404	.03	6	.87	.06	.07	2	2	40	.1
12	9N .6W 2'	1	17	23	211	.1	9	9	492	3.32	27	2	ND	2	91	2	2	2	57	.56	.29	8	11	.27	405	.01	2	2.28	.02	.09	2	2	110	.2
35	9N 1W 2'	1	13	50	182	.1	9	13	707	2.55	34	2	ND	2	116	2	2	2	67	.47	.08	14	14	.28	261	.02	3	.84	.03	.04	2	2	30	.1
35	9N 1W 6'	1	34	67	341	.1	25	12	571	3.83	31	2	ND	2	91	5	2	2	81	.50	.11	11	22	.28	308	.01	5	.68	.04	.07	2	2	50	.1
17	10N .4E 2'	1	23	18	308	.1	14	11	544	3.23	26	2	ND	2	145	3	2	2	64	.63	.09	14	16	.59	370	.06	3	1.48	.03	.05	2	2	40	.1
16	10N 1E 4'	3	33	71	1646	.1	27	54	1028	3.29	39	2	ND	2	152	21	2	2	64	.64	.11	15	14	.56	281	.04	4	1.28	.04	.06	2	2	30	.1
18	10N 0W, 1'	1	18	98	520	.1	13	11	572	2.87	19	2	ND	2	104	10	2	2	66	.56	.09	13	16	.44	293	.03	4	1.20	.03	.06	2	2	60	.1
19	10N .4W 7'	3	52	142	568	.2	30	26	2010	4.09	84	2	ND	2	80	6	2	2	85	.47	.10	9	24	.17	684	.01	7	.55	.03	.07	2	2	50	.2
20	10N .8W 2'	1	20	21	118	.2	15	14	623	2.85	16	2	ND	2	158	1	2	2	60	.76	.10	20	14	.59	375	.04	7	1.24	.04	.07	2	2	55	.2
20	10N .8W 6'	1	38	34	350	.1	35	18	1105	3.04	46	2	ND	2	80	2	2	2	62	.59	.07	7	26	.22	755	.01	7	.56	.02	.09	2	2	45	.1
24	11N .6E 6'	1	32	44	220	.1	21	14	847	2.90	35	2	ND	2	64	3	2	2	57	1.76	.07	9	19	.35	461	.01	6	.72	.02	.07	2	2	50	.1
25	11N 1E 2'	8	64	2892	1576	.1	16	15	647	2.86	75	9	ND	2	95	53	6	2	68	.74	.09	27	18	.39	254	.02	4	1.10	.02	.06	2	2	40	.1
26	11N 1.4E 2'	2	49	1350	1064	.3	13	18	653	2.67	92	2	ND	2	86	15	2	2	52	.47	.08	12	15	.17	126	.01	5	.71	.01	.04	2	2	35	.2
23	11N 0W 5'	1	29	67	278	.1	22	13	1021	3.08	37	2	ND	2	51	3	2	2	57	.50	.07	9	21	.23	379	.01	5	.68	.03	.07	2	2	25	.1
22	11N .4W 4'	2	9	812	1505	.1	7	7	233	.98	51	3	ND	2	138	7	2	2	33	.63	.14	10	3	.09	210	.01	5	.53	.04	.01	2	2	15	.1
21	11N 1.2W 2'	1	27	177	664	.7	25	12	582	2.85	23	2	ND	2	83	9	2	2	57	.64	.09	16	18	.46	342	.02	4	1.10	.02	.06	2	2	40	.7
21	11N 1.2W 6'	1	51	69	257	.1	41	19	1281	3.37	34	2	ND	2	68	5	2	2	77	.63	.10	11	26	.34	405	.01	6	.76	.04	.06	2	2	20	.1
28	12N .4E 6'	1	23	59	170	.1	16	11	603	2.68	17	2	ND	2	111	2	2	2	56	1.86	.12	17	14	.54	390	.03	6	1.03	.03	.08	2	2	15	.1
27	12N 1E 2'	1	7	25	71	.1	4	4	117	2.82	54	2	ND	2	48	1	2	2	77	.80	.15	15	12	.10	224	.01	6	.67	.03	.08	2	2	10	.1
27	12N 1E 6'	1	3	15	50	.1	3	6	315	2.42	42	2	ND	2	58	1	2	2	57	2.31	.16	11	4	.08	554	.01	5	.43	.03	.03	2	2	25	.1
29	12N 0W 4'	1	19	102	687	.1	18	17	878	3.27	26	2	ND	2	79	2	2	2	77	.74	.12	14	11	.40	343	.02	8	.94	.03	.14	2	2	10	.1
30	12N .4W 2'	1	21	29	95	.1	21	14	677	2.93	15	2	ND	2	122	1	2	2	66	.95	.13	27	23	.66	446	.04	4	1.28	.06	.07	2	2	25	.2
30	12N .4W 6'	1	32	42	167	.2	19	16	1077	2.97	34	2	ND	2	169	2	2	2	76	2.56	.14	18	13	.64	489	.02	6	.88	.04	.09	2	2	15	.1
31	12N 1.2W 2'	1	30	1393	479	.5	24	28	1170	3.63	36	2	ND	2	77	6	2	2	90	1.03	.12	17	36	.61	410	.01	6	.95	.04	.08	2	2	70	.5
31	12N 1.2W 6'	1	40	301	366	.4	36	23	1180	3.56	39	2	ND	2	98	4	2	2	88	2.06	.10	11	39	.81	402	.01	7	.79	.05	.07	2	2	30	.3
34	13N 1E 2'	1	33	72	186	.1	25	14	650	3.53	32	2	NB	2	115	2	2	2	86	.81	.10	18	37	.51	466	.02	4	1.08	.06	.06	2	2	20	.1
34	13N 1E 6'	1	34	34	115	.2	29	16	859	2.85	17	2	ND	2	174	1	2	2	73	1.57	.13	20	19	.81	600	.05	5	1.21	.07	.08	2	2	35	.2
33	13N 0W 3'	1	26	62	116	.1	16	12	514	3.21	19	2	ND	2	129	1	2	2	91	.62	.12	23	20	.44	523	.04	3	1.33	.03	.04	2	2	15	.1
32	13N 1.6W 2'	1	20	45	184	.2	22	12	559	3.24	24	2	ND	2	132	1	2	2	74	.70	.11	17	27	.47	746	.02	5	1.09	.04	.06	2	2	80	.1
32	13N 1.6W 6'	1	37	35	131	.2	26	15	683	2.87	19	3	NB	2	172	1	2	2	77	2.17	.12	21	21	.73	580	.05	5	1.10	.05	.06	2	2	10	.2
	STD A-1	1	30	44	179	.3	35	13	984	2.70	9	2	ND	2	39	1	2	2	58	.66	.10	9	71	.80	316	.09	4	1.98	.02	.17	2	2	50	.3

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS, VANCOUVER B.C. PH:253-3158 TELEX:04-53124

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR. THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
THIS LEACH IS PARTIAL FOR: Ca,P,Mg,Al,Ti,La,Na,K,W,Ba,Si,Sr,Cr AND B. Au DETECTION 3 ppb.
AU* ANALYSIS FROM 10 GRAM FA+AA. AG* ANALYSIS BY AA. HG* ANALYSIS BY FLAMELESS AA FROM .500 GRAM SAMPLE. SAMPLE TYPE - ROCK CHIPS

DATE RECEIVED JULY 27 1982 DATE REPORTS MAILED July 29/82 ASSAYER D. Toye DEAN TOYE, CERTIFIED B.C. ASSAYER

ASARCO PROJECT # IRK CLAIMS FILE # 82-0678A (Float Boulders & Bedrock) PAGE # 1

Pit #	SAMPLE #	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb	Ag* ppm
1	PL1-1	1	37	32	198	3.6	43	20	893	6.31	11	2	ND	2	169	3	2	4	100	1.11	.06	3	24	1.14	62	.01	8	.36	.04	.04	2	400	56	3.8
1	PL1-2	1	120	5	54	.5	38	17	1004	3.19	28	4	ND	2	118	2	2	2	91	4.52	.11	12	44	1.98	456	.01	8	.38	.06	.07	2	860	60	.3
2	PL-2	1	14	10	225	.4	9	6	469	1.68	5	3	ND	3	126	1	2	2	27	2.33	.08	12	3	.32	159	.01	3	.61	.04	.05	2	40	20	.3
3	PL-3	2	11	94	5254	2.1	76	49	2255	10.09	7	2	ND	2	64	9	2	2	88	.98	.08	10	4	.44	563	.01	12	.52	.04	.05	3	3	20	2.2
4	PL-4	1	5	51	1016	.2	19	20	909	4.14	5	2	ND	2	131	3	2	2	63	2.01	.11	8	3	.40	397	.01	8	.38	.05	.08	2	4	20	.2
8	PL-8	1	138	41	1397	2.4	27	20	949	4.77	13	2	ND	2	58	4	2	2	123	1.31	.13	10	5	.35	1660	.01	8	.43	.06	.06	2	30	30	2.3
9	PL-9	1	106	6	154	.6	47	26	1348	3.61	7	2	ND	2	46	2	2	2	81	3.95	.10	4	35	1.36	208	.01	8	.50	.04	.22	2	36	110	.4
10	PL-10	1	25	50	950	.4	29	18	1104	4.92	15	3	ND	2	94	3	2	2	79	3.81	.16	9	17	.72	260	.01	8	.40	.05	.09	2	4	20	.3
11	PL-11	1	1787	75	2637	34.6	33	27	1205	6.23	20	2	ND	2	216	6	2	2	129	3.42	.11	7	5	.30	361	.01	8	.48	.03	.05	2	2	130	34.8
11	PL-11-A	1	177	35	207	.5	19	16	1535	4.34	22	2	ND	2	103	3	2	2	86	6.07	.07	7	5	2.48	79	.01	9	.35	.06	.09	2	4	40	.2
3	PL-D	1	286	16	152	.5	30	25	1020	3.23	15	3	ND	2	57	3	2	2	70	3.88	.10	5	21	1.27	94	.01	8	.41	.04	.15	2	4	20	.4
5	PL-SR	1	957	71	2172	2.3	56	45	1772	7.61	22	3	ND	2	190	6	2	2	140	4.14	.11	4	22	2.00	184	.01	7	.39	.04	.11	2	1	60	2.5
9	PL-BR	1	21	7	153	.3	22	18	775	3.15	45	2	ND	2	272	2	2	2	50	2.10	.05	2	22	1.04	801	.01	7	.48	.06	.15	2	2	30	.1
30	IRK 12N-0.4W	1	16	7	74	.2	16	9	349	2.28	3	2	ND	2	63	1	2	2	64	.87	.22	36	13	.69	159	.07	2	.45	.10	.11	2	3	10	.1
25	IRK 11N-1E	46	82	5097	4110	.6	30	26	362	3.63	294	43	ND	2	203	500	26	2	174	2.72	.06	9	8	.27	339	.03	10	.83	.02	.05	2	2	30	.5

ASARCO PROJECT # IRK GROUP FILE # 82-0741 A (Bedrock Samples) PAGE # 1

		Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb	Hg* ppb	Ag* ppm
14	9N .4E	1	4	23	82	.1	3	2	352	1.54	7	2	ND	2	259	1	3	2	37	.41	.17	11	3	.05	153	.01	5	.55	.05	.06	2	2	10	.1
15	9N 1E	1	10	8	158	.1	9	11	740	3.53	7	2	ND	2	66	1	3	2	58	.53	.13	17	7	.32	324	.08	3	.74	.10	.19	2	2	5	.1
13	9N 0N	1	27	45	111	.1	3	12	520	1.87	57	2	ND	2	302	1	2	2	47	.43	.17	13	2	.05	230	.01	7	.60	.05	.04	2	4	5	.1
12	9N .4W	1	12	6	97	.1	4	11	1147	4.40	14	2	ND	2	64	1	4	2	88	.58	.13	8	8	.06	93	.01	5	.83	.10	.06	2	2	5	.1
17	10N .4E	1	5	24	574	1.1	10	23	4818	13.05	19	5	ND	3	164	3	2	2	109	.35	.14	10	3	.14	193	.01	2	.85	.03	.04	2	2	10	.1
16	10N 1E	1	10	66	154	.1	4	7	127	.97	41	3	ND	2	246	2	2	2	18	.31	.15	11	2	.03	154	.01	6	.60	.04	.06	2	2	5	.1
18	10N 0N	1	3	18	341	.1	4	7	901	3.43	14	2	ND	2	110	5	2	2	61	.45	.18	12	3	.06	141	.02	5	.50	.05	.09	2	2	5	.1
19	10N .4W	1	2	11	305	.2	3	7	943	3.90	13	2	ND	2	122	1	3	2	64	.58	.17	12	3	.15	121	.02	6	.46	.07	.09	2	2	5	.1
25	11N 1E	22	30	6052	2262	.1	6	11	1224	3.67	43	38	ND	3	300	180	15	2	59	.92	.12	11	2	.07	342	.01	6	.61	.01	.02	2	2	5	.1
26	11N 0.4E	1	16	460	863	.1	9	22	1425	3.34	68	4	ND	2	103	29	3	2	48	.42	.15	11	3	.05	109	.01	5	.65	.02	.04	2	2	20	.1
23	11N 0W	1	8	78	742	.1	8	10	1379	5.03	31	3	ND	2	160	14	3	2	69	.71	.06	5	4	.13	176	.01	7	.60	.02	.04	2	2	5	.1
22	11N .4W	1	15	240	1111	.1	16	11	307	.86	64	2	ND	2	185	24	5	2	21	.62	.17	11	4	.07	123	.01	6	.57	.11	.05	2	4	5	.1
27	12N 1E	1	628	26	133	.3	5	14	450	2.63	37	4	ND	2	107	2	4	2	74	4.48	.14	9	3	.16	1393	.01	7	.99	.05	.13	2	2	20	.3
29	12N 0N	1	85	182	1671	.1	24	28	1832	5.24	40	5	ND	2	49	7	2	2	168	4.45	.07	4	11	.06	250	.02	9	.58	.02	.13	2	2	10	.1
30	12N .4W	1	15	16	281	.1	3	3	410	1.88	8	2	ND	2	20	1	2	2	17	.32	.04	15	5	.10	93	.01	5	.33	.04	.16	2	3	5	.1
34	13N 1E	1	26	122	972	.1	47	21	773	4.78	26	5	ND	2	89	3	2	2	81	3.86	.14	12	57	.30	60	.01	11	.69	.04	.14	2	2	5	.1
33	13N 0N	1	16	19	117	.1	5	12	669	3.52	21	4	ND	2	71	1	2	2	126	3.33	.16	15	4	.76	89	.01	4	.63	.07	.05	2	2	10	.1

APPENDIX "B"

1982 Statement of Expenditures

PARROTT LAKES PROSPECT - OMINECA MINING DIVISION

IRK I, VI, VII, IX

Backhoe Contracting		
B & E Enterprises	$ 510.00	
J. Hidber - Backhoe	2250.00	
Mobe & Demobe	159.12	
Trail Clearance -Felling etc.	750.00	$ 3669.12
Truck Rental - Asarco		290.90
Expenses - Asarco - R. Gale		
Motel	$ 148.40	
Airfare	261.35	
Meals	100.00	509.75
Assaying - Acme Analytical Labs		1275.43
Supervision - R. Gale - 4 days @ $150/day		600.00
Drafting and Report Writing - 1 day @ $150/day		150.00
	TOTAL	$2826.08
	GRAND TOTAL	$6495.20

R E Gale

R. E. Gale, P. Eng.

LCP IRK IX 220m NORTH

LCP F.K.X 500m WEST
F VII

B.L. 0+00

L16N
L15N
L14N
L13N
L12N
L11N
L10N
L9N
L8N
L7N
L6N
L5N
L4N
L3N

P-32 P-33 P-34
P-31 P-30 P-29 P-28 P-27
P-22 P-23 P-24 P-25 P-26
P-21
P-20 P-19 P-18 P-17 P-16
P-35 P-12 P-13 P-14 P-5
P-11 P-9 P-10
P-2 P-1
P-3
P-4
P-5
P-6
P-7
P-8
P-15

BEAVER POND
BEAVER POND
BACKHOE TRAIL
GRAVEL ROAD
NEW ROAD (SWAMPY)
CLAIM POST
OLD ON-0400

IRK 6
IRK I
IRK IX
IRK II
IRK III
L.C.P.

MAG. NORTH 21°30'

DIRECTION TO STATION USED (140°)
SEATTLE, WASH. (NPG)

6400W 5400W 4400W 3400W 2400W B.L. 0+00 1400E 2400E

Pace and Compass Survey.

LEGEND

INSTRUMENT - GEONICS EM-16
STATION - SEATTLE, WASH. (NPG)
CONTOUR INTERVAL - 10 Fraser Units

GRAVEL ROAD
BUSH ROAD
CREEK
SWAMP
MARGIN OF SWAMP

P-5 ◎ 1970 PERCUSSION HOLE

100 50 0 100 200 Meters
SCALE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,949

P-1 BACKHOE
PIT LOCATION - SUPERIMPOSED ON VLF
OCTOBER-1982

RCO Vancouver

PARROTT LAKES PROSPECT
OMINECA M.D.
IRK CLAIMS, I-6-VII-IX.
VLF SURVEY (FRASER FILTER CONTOURS)

Drawn by	Date	N.T.S.	SCALE	FIG.
G.J.C.	MAY/82	93L/2E	1:2500	3

REVISED R.E.C. OCT/82