GEOLOGICAL REPORT ON THE

KECHIKA PROPERTY

INCLUDING RAR 1-9, REE 1-8, and REO 1-2 CLAIMS

Liard Mining Division

Latitude 58° 44'N
Longitude 127° 30'W
NTS Maps 94L/11W,13E

OWNERS Golden Rule Resources Ltd.
Andy Harmon
Garth Johnson

OPERATOR Formosa Resources Corporation

CONSULTANT R.R.Culbert, Ph.D.,P.Eng.

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SUBMITTED March 9,1989

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KECHIKA PROPERTY
NORTH-CENTRAL B.C.

1. SUMMARY

The Kechika property is a Yttrium-Rare Earth (REE) prospect located in north-central British Columbia. It is comprised of 19 contiguous claims (331 units) located in the Liard Mining Division. The claims are owned by prospectors Andy Harmon and Garth Johnson and Golden Rule Resources Ltd., a Calgary-based company. Formosa Resources Corporation has an option to acquire a 60 percent interest in the property.

The claims cover a series of carbonatite related REE occurrences in a zone that extends over 35 kilometres in length.

In the fall of 1988, Formosa Resources Corporation carried out a brief evaluation of the property and surrounding area. This work, which involved geologic mapping,prospecting, and rock sampling, served to confirm the exploration potential of this prospect (a number of "new" REE rich areas were found) and indicate the direction follow-up work should take.

The work recommended for 1989 involves two months of field work, which would include more detailed work on identified targets combined with continued exploration for additional showings, followed by metallurgical studies on selected bulk samples. Total estimated cost of this program is $350,000. Field work should be carried out between mid-July and mid-September.

2. INTRODUCTION

A reconnaissance exploration program was completed on the Kechika Yttrium-Rare Earth property by Formosa between August 16 and September 15, 1988. A helicopter was kept on site for 12 days and for the balance of the time pack horses were employed with occasional helicopter support. The primary objective was to confirm the economic potential of previously identified exposures of REE mineralization. Work included: bulk sampling of known REE rich zones for metallurgical test purposes; remapping of previously identified areas of interest; and, reconnaissance surveys to assess the area for potential new discoveries (an area of about 2,200 hectars was mapped at a scale of 1:10,000).

This report summarizes the results of the 1988 program with recommendations for the next stage of property work.

3. PROPERTY

3.1 Location and Access (see figure 1)

The Kechika property is located in the Kechika River area of north central British Columbia. Claims are located in N.T.S. map-areas 94L/11W, 94L/13E. Elevations within the claim group range from about 1,200 to 2,400 metres.

Access is via a combination of fixed-wing and helicopter aircraft from either Watson Lake or Dease Lake. Horses, which are available locally, can be used effectively for regional prospecting work. Terminus Mountain airstrip located in the Rocky Mountain Trench (about 175 km south of Watson Lake, Y.T.) is a convenient staging point.

3.2 Claims (see figure 2)

The Kechika property consists of 19 metric claims located in the Liard Mining Division of British Columbia. Pertinent claim data is listed below:

Kechika Property

Claim	Record No.	Units	Expiry Date
RAR 1	3363	20	Aug. 06, 1990
RAR 2	3364	20	Aug. 06, 1990
RAR 3	3365	20	Aug. 06, 1990
RAR 4	3366	20	Aug. 06, 1990
RAR 5	3389	20	Oct. 28, 1990
RAR 6	3367	16	Aug. 06, 1990
RAR 7	3690	20	Oct. 28, 1990
RAR 8	3691	16	Oct. 28, 1990
RAR 9	3692	09	Oct. 28, 1990
REE 1	3712	20	Oct. 28, 1990
REE 3	3925	15	Mar. 09, 1989
REE 4	3713	12	Oct. 28, 1990
REE 2	3924	15	Mar. 09, 1989
REE 5	3926	20	Mar. 09, 1989
REE 6	3927	20	Mar. 09, 1989
REE 7	3928	18	Mar. 09, 1989
REE 8	3929	20	Mar. 09, 1989
REO 2	3931	12	Mar. 09, 1989
REO 1	3930	18	Mar. 09, 1989

A representative number of claim lines and posts were examined. Staking appears to conform to the requirement of the British Columbia's Land Tenure Act, and the area covered closely matches that shown on the Mining Recorder's map of the area.

FORMOSA RESOURCES CORPORATION

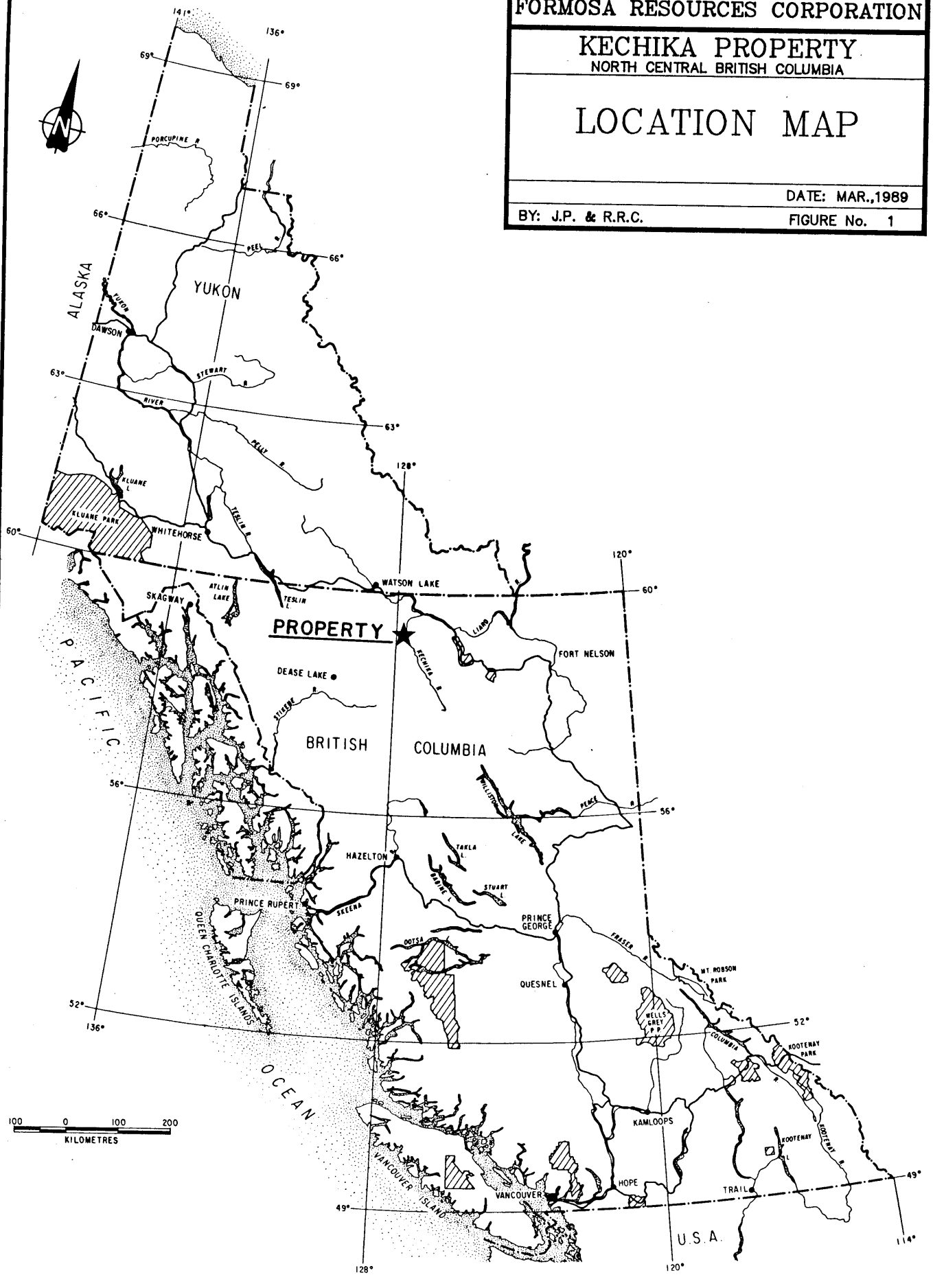
KECHIKA PROPERTY
NORTH CENTRAL BRITISH COLUMBIA

LOCATION MAP

DATE: MAR.,1989

BY: J.P. & R.R.C.

FIGURE No. 1



R.W.R. MINERAL GRAPHICS LTD.

3.3 History

Rare Earth-Fluorite occurrences were discovered in the Kechika River area by prospectors Andy Harmon and Barry Watson in the summer of 1968. In 1986 Golden Rule Resources Ltd. carried out a reconnaissance geological and geochemical program to evaluate this discovery, results of which were described in an assessment report (Fox, 1987).

4. GEOLOGY

4.1 General Geology

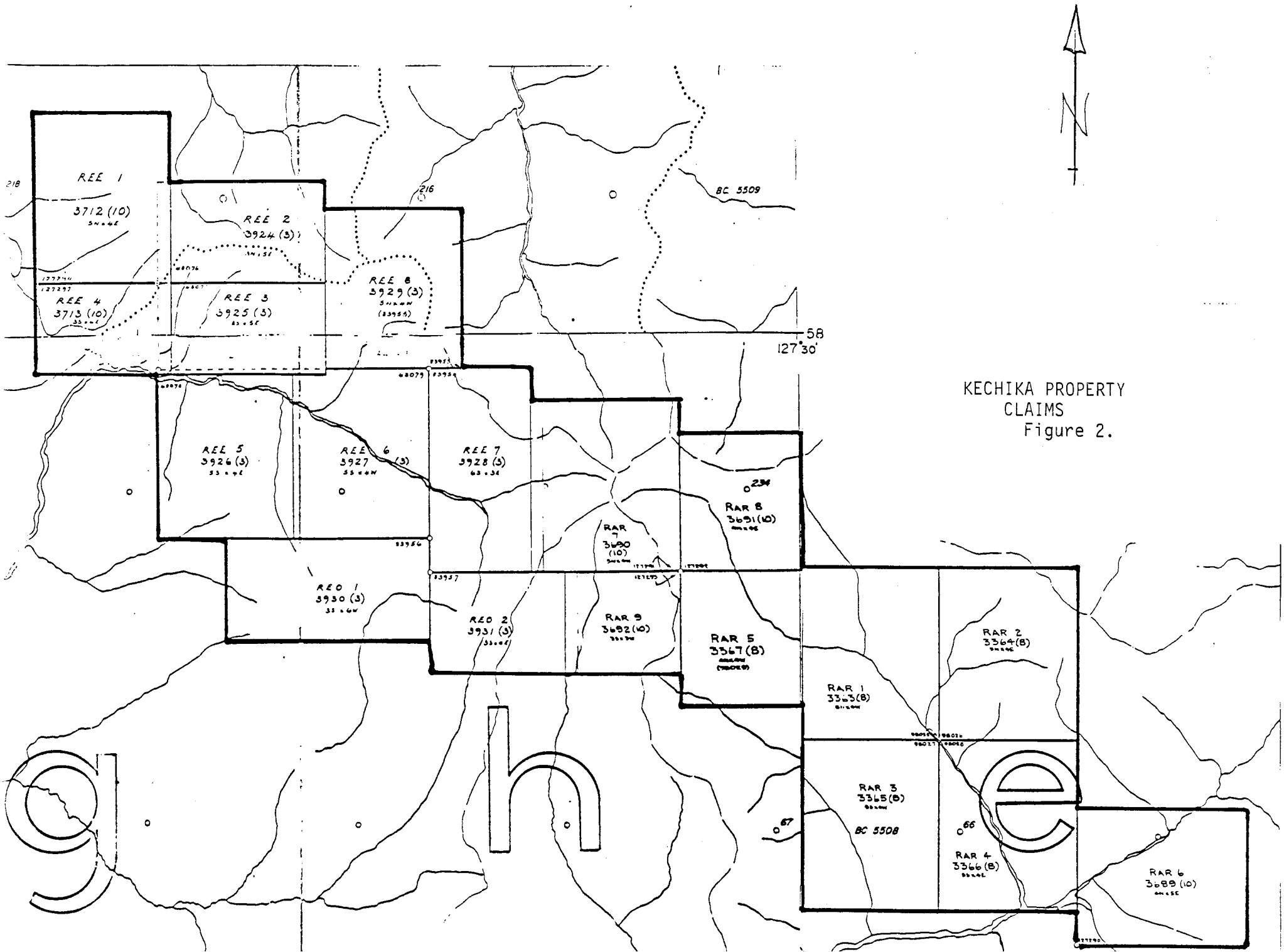
The regional lithologies of the Kechika River area are dominantly metamorphosed strata of Cambrian and middle Paleozoic ages (Gabrielse, 1962). Dolomite, quartzite and varicolored schists are the main rock types and these have been broadly folded and faulted.

4.2 Property Geology (see figures 3A-3C in pocket)

The suite of alkaline igneous rocks, as presently exposed, forms a belt at least 35 km in length, trending at approximately 100° AST. The plunge of this sequence is variable due to large scale folding on a nearly horizontal axis, but the foliation is generally of moderate dip in a southerly direction.

Due to widespread shearing and apparent metasomatism, many of the alkaline rocks are difficult to classify, but they appear to encompass both intrusive and extrusive phases. Bodies and dikes of both dark and light porphyritic syenites dominate the east-central portion of the belt while a spectacular and varied series of carbonatite breccias and potassic quartz-carbonate mylonites are found in the west-central sector, with carbonatite dikes more widely distributed. Further west there is a thick package of moderately radioactive and sheared phyllites, while the eastern-most extension of the belt appears to be a tuff horizon.

The distribution of Rare Earths within the belt has not yet been completely determined. Evidence so far indicates that the heavy and light REE are differently distributed, but both appear to be most highly concentrated in mylonites and/or intrusive calc-silicates which occur in wide variety in several parts of the central belt.



KECHIKA PROPERTY
CLAIMS
Figure 2.

4.3 Alkaline Rock Petrology

4.3.1 Syenites

Syenites and melanocratic titan-augite syenites (malignites) are present at the south end of the property (RAR 4). The melanocratic syenites, which occur as large dikes or elongate stocks, are fine to medium grained, dark green to bluish grey rocks with small pyroxene and feldspar phenocrysts. They contain 40 to 60 percent microcline, 5 to 20 per cent albite and 10 to 20 per cent titanaugite. Garnet (melanite), biotite, sodalite, cancrinite, allanite, magnetite/ilmenite, pyrite, fluorite and apatite/monazite are all present as accessory phases. Veins or segregations containing coarse calcite and dark purple fluorite +/- biotite +/- epidote are locally present within the malignites. In the northern part of the property, melanocratic syenites are highly sheared and chlorite-rich.

Leucocratic syenites crop out in the southern part of the property, generally as irregular zones within the melanocratic syenites. They are light grey, medium-grained, massive rocks containing 35 to 40 per cent microcline and 10 to 20 per cent albite, with fluorite, sodalite, cancrinite, sphene, biotite, pyrite and pyroclore present in variable amounts. Crosscutting calcite-pyrite-fluorite veinlets are common. The syenites vary from massive and relatively unaltered to sheared. Sheared syenites contain potassium feldspar porphyroclasts and unrecrystallized layers, in a fine-grained recrystallized and altered matrix containing abundant clay minerals, quartz, plagioclase, dolomite and muscovite.

4.3.2 Mottled Phyllites (Syenitic Tuffs)

Fine-grained, extremely fissile and micaceous phyllites to massive, white to buff weathering rocks are commonly associated with other alkaline rocks in the central and northern portions of the property. They generally occur in shallow to moderately dipping layers in excess of 25 metres thick. They have mylonitic textures and contain varying amounts of quartz, carbonate (generally dolomite, although calcite and iron-rich mangnesite have also been noted), sericite, potassium feldspar, phosphates and pyrite. Massive varieties commonly have irregular dolomitic patches in a siliceous matrix. Some increased radioactivity is associated with certain horizons within these rocks.

Locally, phosphate minerals comprise in excess of 25 per cent of the rock. In such rocks, a number of phosphate minerals may be intergrown, with apatite the most common species. Monazite (containing cerium, neodynium, lanthanum, calcium, thorium), xenotime (yttrium phosphate, with minor dysprosium, gadolinium and calcium) and a yttrium-thorium-calcium-dysprosium-gadolinium-iron-thorium-yttrium-calcium silicate mineral have also been identified by scanning electron microscopy. Minor amounts of an

iron-thorium-yttrium-calcium silicate mineral have also been noted.

In some samples, potassium feldspar porphyroclasts are preserved in a fine-grained quartz-carbonate-sericite matrix, which suggests that the mylonite had a syenitic protolith. In other cases, the rocks are very fine-grained and completely recrystallized; no textural evidence of the protolith remains. Field evidence indicates that these rocks are conformable to bedding in the host limestones and possibly in flows or tuff layers. The high degree of deformation within these rocks compared with the other rock types may be a result of original incompetence, in which case a tuffaceous protolith is favoured. Phosphate-rich rocks are distributed in discontinuous lenses up to a few metres thick and several tens of metres long, parallel to overall layering.

4.3.3 Diatreme Breccias and Related Rocks

A complex diatreme breccia containing a number of breccia phases, related pyroclastic tuffs and breccia dikes crops out in the central part of the property. These rocks weather greenish silver to rusty orange and are weakly to extremely well foliated.

The main diatreme, which is located on the RAR 5 claim, is comprised of very homogeneous, heterolithic tuffisitic breccias with rounded to angular xenoliths up to seven centimetres. Quartzite and carbonate rock fragments dominate the xenolith population; some autoliths, rare syenite fragments and some black argillite clasts were also noted. Quartz xenocrysts, rare chrome spinels, juvenile and vesiculated glass lapilli, and altered crystal fragments (predominately potassium feldspars) are also present. The breccia matrix consists of carbonate minerals and minor muscovite, and locally, chrome micas. In places near its outer contacts, the diatreme breccia is intensely deformed and has the appearance of a stretched-pebble conglomerate. The northern and central part of the diatreme has been cut by fluorite-calcite and fluorite-calcite-pyrite stockwork veins.

Peripheral to the main diatreme, and on the ridges to the north of it, breccia dikes are quite common. They crosscut both the carbonate host rocks and the mottled phyllites. The dikes in general are extremely well foliated, and average 1 to 2 metres in thickness. They are similar in composition and appearance to the matrix of the main diatreme, and locally contain chrome spinels, small lithic fragments, and carbonate-filled vesicles.

Lithic tuffs outcrop on ridges near the center of the property on the RAR 7 claim, immediately north of the main diatreme and at the north end of the property, south of Boreal Lake. These pyroclastic rocks are rusty orange to silver-green weathering and very similar in appearance to the breccia dikes. Well developed graded layers are present locally, with lithic fragments 1 to 3 centimetres in size at the base and fine-grained, carbonate-rich

material at the top of the bed. These rocks are the presumed extrusive equivalent of the diatreme and breccia dikes.

4.3.4 Carbonatites

Fine-grained igneous carbonate rocks, with a distinctive orange brown weathering colour are also present in the Kechika area. They occur as dikes which are generally less than one metre wide and crosscut both other alkaline rocks and the carbonate host rocks. Volumetrically, the carbonatites are an insignificant part of the alkaline suite.

The carbonatites are dolomite or ankerite rich (>80 per cent), and contain quartz. Accessory phases include microcline, muscovite, barite, iron oxides, pyrite, fluorapatite, gorceixite, xenotime and an unidentified thorium-calcium-yttrium-iron phosphate mineral.

4.4 Mineralization

In the Kechika area, a number of alkaline rock types, including syenitic tuffs and carbonatites, have been found that are greatly enriched in yttrium and heavy Rare Earths (Table 1). Of particular note are the apatite-rich zones, which contain up to 25 per cent apatite, within the mottled phyllites of possible syenitic tuff origin. These zones appear to be distributed as lenticular bodies seperated by apatite-poor zones. The only systematically sampled (one metre cuts in surface trenches) units, which occur (see figure 4 in pocket) on the RAR 7 claim, are individually a few metres thick by 50 to 100 metres in length. Yttrium and the Rare Earths, particularly dysprosium and gadolinium, are present in phosphate minerals such as xenotime, associated with apatite. Grades up to 0.89 per cent yttrium across one metre intervals have been established on the RAR 7 mineral claim. Apatite enrichment may be a result of primary igneous layering processes, or later metasomatism.

4.5 Economic Considerations

The economics of Rare Earth deposits are greatly complicated by differing prices and refining costs of the individual metals. The oxides of cerium and lanthamum, for example, are worth only a few dollars per kilogram, while europium is valued at over US $1700 per kilogram. This reflects the ready availability of light Rare Earth elements such as Ce and La from the Mountain Pass deposit in California and from monazite beach sands. There is, however, a market for heavier earths, which are increasingly finding new "hi-tech" applications, and in particular for yttrium. Economic viability of Kechika deposits hinge on their unusually high concentration of the heavy Rare Earths.

TABLE 1, GEOCHEMICAL ANALYSES, KECHIKA PROPERTY

SELECTED GEOCHEMISTRY, MAFIC SYENITES

SAMPLE_ID	RT	AU	BA	CE	CR	EU	HF	LA	LU	RB	SC	SM	TA	TB	TH	U	YB	ZR	Y
C-KA-9R	MSYN	-5	900	270	-50	-2	16	160	-0.5	81	1.6	17.0	16	2	31.0	6.0	-5	-500	48
C-KA-37R	MSSC	10	230	340	58	-2	26	210	-0.5	57	0.7	21.0	23	3	44.0	9.2	7	990	58
C-KA-38R	MSSC	-5	110	270	-50	-2	20	140	-0.5	59	1.5	17.0	17	2	25.0	7.1	-5	910	49
C-KA-59R	MSYN	-5	320	130	77	19	10	49	-4.8	210	7.5	56.6	1	31	455.0	22.0	-54	1100	1100
C-KA-84P	MSYN	-5	860	310	390	8	-2	190	-2.7	110	16.0	29.0	6	14	366.0	14.0	-30	-500	580
C-KA-115R	MSYN	-5	100	19	400	-2	-2	12	-0.5	-10	28.0	3.3	-1	-1	3.1	0.6	-5	-500	-5
C-KA-130R	MSYN	-5	340	54	-50	-2	3	27	-0.5	20	1.8	3.4	2	-1	6.8	5.7	-5	-500	-5
H-KA-5R	MSYN	-5	930	240	97	4	-2	160	-0.5	270	7.5	17.0	5	2	101.0	2.7	-5	-500	40
037126	MSSC	20	310	41	590	-2	3	36	-0.5	57	46.0	7.6	2	1	14.0	0.9	-5	-500	15
037127	MSSC	41	400	36	370	-2	3	23	-0.5	76	35.0	4.8	2	-1	7.2	1.0	-5	-500	7
A88K-46	MSSC	-12	260	2070	96	70	-2	1390	-1.6	17	6.3	308.0	3	37	2210.0	11.0	-30	-2400	220
A88K-47	MSSC	24	810	1780	160	58	-2	1080	-1.4	-10	6.6	286.0	3	30	1810.0	10.0	-22	-1500	195

SELECTED GEOCHEMISTRY, SYENITES AND FELSIC DYKES

SAMPLE_ID	RT	AU	BA	CE	CR	EU	HF	LA	LU	RB	SC	SM	TA	TB	TH	U	YB	ZR	Y
C-KA-49RA	SYNT	-5	1700	190	-50	3	4	140	-0.5	160	1.3	6.0	8	-1	40.0	3.2	-5	-500	11
C-KA-53R	SYNT	-5	900	320	-50	-2	-2	210	-0.5	120	1.6	14.0	6	3	201.0	15.0	-5	-500	44
C-KA-53R	SYNT	-5	2600	220	100	3	3	110	-0.5	350	5.7	20.0	9	1	74.6	4.6	-5	-500	63
C-KA-77P	SYNT	-5	450	280	150	10	3	180	-2.8	120	14.0	32.0	7	16	408.0	12.0	-30	540	605
C-KA-85P	SYNT	40	510	280	450	3	8	140	-0.5	230	29.0	12.0	16	1	45.0	2.5	-5	-500	44
C-KA-89P	FLSD	14	760	140	180	-2	13	55	-0.5	130	2.5	10.0	1	-1	56.7	1.7	-5	-500	6
C-KA-98R	FLSD	-5	380	380	110	5	14	220	-0.5	190	5.9	15.0	10	1	53.4	8.9	-5	800	48
C-KA-99PA	SYNT	-5	160	11	-50	-2	-2	7	-0.5	-10	1.2	1.4	-1	-1	7.9	2.8	-5	-500	-5
C-KA-106R	FLSD	-13	460	110	170	26	-2	39	-15.0	44	5.0	64.4	1	56	1670.0	56.5	-160	1500	2100
C-KA-129RA	SYNT	-5	890	170	-50	3	10	89	-0.5	110	7.4	12.9	7	1	22.0	3.9	-5	-500	27
H-KA-1R	SYNT	-5	1900	220	65	-2	5	140	-0.5	340	4.6	8.6	9	-1	24.0	7.3	-5	-500	45
H-KA-2R	SYNT	-5	580	280	130	-2	3	200	-0.5	210	9.1	7.1	5	-1	34.0	8.8	-5	-500	34
H-KA-4R	SYNT	8	2200	630	78	-2	4	470	-0.5	200	5.9	15.0	8	2	74.3	12.0	-5	1200	75
H-KA-6R	SYNT	-5	1500	830	74	5	19	589	-0.5	180	5.9	20.0	9	2	107.0	31.0	-8	2000	86
H-KA-9R	FLSD	-11	-100	820	140	31	-2	603	-1.5	18	5.5	174.0	1	12	1030.0	3.0	-20	1300	135
H-KA-10R	FLSD	-25	-220	1160	290	50	7	1170	-1.8	-32	6.7	329.0	-1	28	1480.0	6.5	-24	1700	270
H-KA-10RA	FLSD	-5	-100	500	110	17	2	320	0.8	-10	5.8	121.0	-1	12	449.0	2.7	10	580	160
H-KA-11R	FLSD	-20	-100	2040	130	86	-2	1400	-1.7	60	3.0	436.0	-1	39	2150.0	4.4	-9	1400	200

SELECTED GEOCHEMISTRY, SYENITIC TUFFS

SAMPLE_ID	RT	AU	BA	CE	CR	EU	HF	LA	LU	RB	SC	SM	TA	TB	TH	U	YB	ZR	Y
C-KA-6R	SYTF	-5	1100	130	-50	-2	20	63	-0.5	93	1.9	8.5	33	2	76.4	18.0	7	-500	59
C-KA-8R	SYTF	-5	990	240	-50	-2	16	130	-0.5	82	1.6	17.0	15	2	30.0	5.5	5	570	57
C-KA-21R	SYTF	-5	-100	190	-50	-2	13	96	-0.5	61	1.0	11.0	16	1	53.5	7.9	-5	-500	28
C-KA-22R	SYTF	-5	350	240	51	-2	11	130	-0.5	50	1.2	15.0	28	2	67.1	12.0	-5	-500	31
C-KA-28R	SYTF	-5	300	320	56	-2	26	180	-0.5	72	1.8	19.0	21	3	39.0	10.0	6	1100	69
C-KA-34R	SYTF	-5	690	130	120	-2	15	63	-0.5	110	12.0	10.0	1	2	23.0	4.2	-5	600	22
C-KA-40R	SYTM	-5	-100	36	-50	-2	-2	12	-1.2	-10	2.4	4.8	-1	2	1380.0	3.0	-13	-500	58
C-KA-42R	SYTF	-5	-100	340	-50	-2	23	180	-0.5	-10	2.1	20.0	20	2	94.7	10.0	7	820	48
C-KA-43R	SYTF	-5	130	350	-50	-2	27	210	-0.5	24	1.1	21.0	23	3	43.0	11.0	8	880	68
C-KA-48R	SYTF	170	-100	3820	180	33	11	4060	-2.3	34	12.0	161.0	2	13	2190.0	15.0	-14	1600	190
C-KA-48RA	SYTF	220	570	1440	170	11	-5	1150	-1.3	60	6.2	84.3	-1	5	647.0	12.0	-9	-1100	104
C-KA-49R	SYTF	27	740	380	68	-2	8	290	-0.5	130	1.6	19.0	11	3	205.0	17.0	9	830	84
C-KA-49RB	SYTF	11	1300	280	57	5	12	190	-0.5	230	1.5	11.0	18	2	152.0	22.0	8	-500	81
C-KA-52R	SYTM	17	990	260	-50	4	10	210	-0.5	140	1.1	8.7	9	-1	96.9	24.0	6	910	32
C-KA-55R	SYTF	-5	1900	160	180	3	4	87	-0.5	400	10.0	11.0	9	1	71.5	2.0	-5	-500	65
C-KA-56R	SYTM	-5	450	480	75	7	10	360	-0.5	82	1.3	22.0	8	4	231.0	25.0	-15	-500	120
C-KA-57R	SYTF	-5	590	340	86	-2	9	220	-0.5	190	2.0	11.0	8	1	147.0	25.0	-5	720	51
C-KA-58A	SYTF	-5	410	130	-50	-2	8	86	-0.5	92	0.9	3.6	8	-1	46.0	7.8	-5	610	18
C-KA-60R	SYTF	-5	930	190	-50	-2	6	130	-0.5	190	1.2	6.6	7	1	103.0	19.0	-5	620	45
C-KA-61R	SYTF	-5	390	190	-50	-2	8	140	-0.5	120	2.3	8.1	7	1	48.0	7.2	-5	-500	36
C-KA-66R	SYTF	-5	8200	250	-50	2	3	130	-0.5	190	1.1	7.7	11	-1	34.0	11.0	-5	-500	32
C-KA-67R	SYTF	-10	650	130	140	6	-2	64	-0.9	130	15.0	18.0	1	2	2220.0	5.9	-21	610	53
C-KA-80R	SYTF	-5	300	53	72	-2	3	25	-0.5	96	7.5	4.3	-1	-1	30.0	3.0	-5	-500	26
C-KA-82F	SYTF	-5	1100	630	230	24	-2	410	-1.0	-10	6.8	104.0	-1	14	585.0	8.6	-10	-500	130
C-KA-83F	SYTF	-5	-100	89	75	2	3	35	-1.6	-10	3.9	10.0	-1	2	988.0	6.4	-15	-500	66
C-KA-86F	SYTM	587	-100	1410	340	11	16	1190	-4.6	120	24.0	53.6	5	6	1590.0	18.0	-57	1800	279
C-KA-87F	SYTM	-59	1400	6660	180	314	-2	4890	-2.2	-10	1.7	964.0	-1	106	3000.0	25.0	-110	3500	441
C-KA-91F	SYTF	370	460	220	180	12	9	110	-14.0	34	11.0	32.0	7	32	2570.0	9.1	-150	1200	1750
C-KA-115R	SYTS	-5	-100	180	-50	-2	13	95	-0.5	74	1.6	13.0	13	2	44.0	7.1	-5	-500	47
C-KA-117R	SYTS	-5	110	150	-50	-2	12	73	-0.5	11	0.8	8.4	16	-1	47.0	11.0	-5	-500	12
C-KA-124R	SYTS	9	7300	170	-50	2	12	89	-0.5	110	4.7	11.0	8	1	25.0	7.4	-5	700	24
C-KA-125R	SYTS	-5	750	300	-50	-2	18	150	0.5	110	1.6	18.0	16	2	36.0	8.2	6	-500	63
C-KA-126R	SYTM	-5	990	200	-50	2	11	100	-0.5	71	4.7	14.0	6	1	22.0	8.7	-5	-500	31
C-KA-127R	SYTS	-5	570	120	98	-2	6	61	-0.5	68	6.2	7.8	5	1	20.0	3.3	-5	-500	17
C-KA-129R	SYTS	-5	590	100	-50	-2	3	49	-0.5	41	1.2	8.2	6	-1	43.0	5.3	-5	-500	7
H-KA-7R	SYTF	15	200	630	200	31	-2	440	-1.4	-10	7.2	129.0	2	12	606.0	4.5	-10	690	82
037102	SYTF	10	5200	92	74	4	3	61	-0.5	190	4.8	19.0	6	3	355.0	9.0	5	-500	28
037103	SYTF	23	1400	800	-50	170	-2	170	-18.0	65	3.8	458.0	2	238	3000.0	48.0	140	-5100	5100
037104	SYTF	8	2000	290	77	41	3	110	-4.1	100	6.5	109.0	4	57	766.0	12.0	46	-1300	1400
037106	SYTF	14	7300	1430	160	47	3	683	-1.3	54	14.0	206.0	1	25	1290.0	4.5	-21	-1800	400
037107	SYTF	15	7500	1370	120	42	-2	662	-1.3	48	14.0	201.0	-1	25	1240.0	4.5	-21	-1100	395
037108	SYTF	-5	380	170	61	3	5	120	-0.5	140	2.3	17.0	5	-1	74.1	0.8	-5	-500	6
037109	SYTF	-5	280	170	-50	4	3	120	-0.5	190	3.7	28.0	2	2	145.0	0.8	-5	-500	23
037110	SYTF	-5	1500	120	81	-2	2	100	-0.5	230	5.1	7.2	7	1	42.0	1.0	-5	-500	17
037111	SYTF	21	1400	840	-50	150	-2	170	-19.0	65	10.0	398.0	3	219	2600.0	43.0	170	-5500	5300
037112	SYTF	-20	860	930	-50	180	-2	200	-22.0	64	15.0	501.0	3	269	3000.0	38.0	210	-5700	6300
037113	SYTF	19	1500	310	66	56	4	87	-6.4	72	5.1	145.0	2	83	1080.0	21.0	71	-1600	2200
037114	SYTF	-33	3500	1570	-150	269	-5	360	-50.0	40	13.0	748.0	3	427	3000.0	94.4	-280	-8700	8900
037115	SYTF	-13	2100	580	-50	100	2	140	-14.0	88	10.0	285.0	3	159	2080.0	34.0	130	-3300	4000
037116	SYTF	16	5000	620	170	45	-2	350	-3.1	59	8.4	156.0	7	57	907.0	9.2	41	-1600	1200

037117	SYTF	10	1200	100	120	13	4	190	-0.9	110	1.3	59.1	2	17	299.0	4.9	16	-610	435
037119	SYTF	25	470	-28	120	16	4	71	-1.7	96	1.4	70.3	1	27	365.0	10.0	25	-500	810
037120	SYTF	49	1200	220	140	11	-2	180	-0.5	150	1.6	65.5	2	5	325.0	2.1	7	-500	48
037121	SYTF	29	540	310	110	13	3	250	-0.5	150	1.6	70.6	-1	5	384.0	1.6	8	-500	32
037123	SYTF	46	1700	110	110	8	5	77	-1.5	100	3.7	19.0	4	10	180.0	5.0	17	-500	370
037125	SYTF	19	2700	1320	130	64	-2	701	-3.7	-10	8.3	219.0	-1	41	950.0	13.0	45	-1600	1100
037129	SYTF	20	530	42	410	-2	3	27	-0.5	80	10.0	5.7	3	1	30.0	0.8	-5	-500	13
037132	SYTF	11	220	100	120	2	-2	63	-0.5	81	3.8	11.0	2	1	70.9	0.5	-5	-500	10
037133	SYTF	22	360	27	75	-2	3	16	-0.5	89	1.2	3.3	3	-1	20.0	-0.5	-5	-500	-5
037134	SYTF	20	240	190	150	10	3	160	-0.7	110	1.1	46.0	3	11	262.0	2.6	12	-500	260
037135	SYTF	-5	1800	370	520	8	5	310	-0.5	130	30.0	37.0	6	4	19.0	7.6	-5	-930	58
037136	SYTF	21	450	59	210	16	-2	80	-1.8	110	2.2	60.0	4	24	351.0	4.8	26	-690	645
A88K-01	SYTC	7	650	110	73	8	3	90	-0.8	100	2.7	30.0	2	10	181.0	1.8	10	-500	255
A88K-02	SYTC	-5	750	450	120	7	4	330	-0.5	85	7.2	20.0	2	2	107.0	-0.5	-5	-500	14
A88K-03	SYTF	-5	3100	230	170	13	2	190	-1.2	64	2.8	38.0	2	10	254.0	2.7	14	-500	260
A88K-04	SYTF	57	480	69	96	19	3	94	-2.4	83	6.0	55.0	3	26	343.0	4.9	36	-990	765
A88K-05	SYTF	11	1600	270	120	14	3	250	-1.2	110	4.1	50.6	3	14	270.0	3.0	18	-500	360
A88K-06	SYTC	-5	950	110	120	-2	3	76	-0.5	88	3.2	13.0	2	1	79.3	0.8	-5	-500	-5
A88K-07	SYTC	-5	510	110	88	3	2	74	-0.5	92	3.4	15.0	3	3	98.3	1.2	-5	-500	43
A88K-08	SYTC	23	1100	220	150	13	3	210	-1.5	120	5.1	46.0	3	15	339.0	3.6	23	-650	420
A88K-09	SYTF	-5	470	140	120	12	3	110	-1.8	81	4.2	39.0	3	17	288.0	3.7	25	-500	560
A88K-10	SYTC	8	690	120	85	3	2	82	-0.5	110	3.3	14.0	3	2	84.1	0.7	-5	-500	10
A88K-11	SYTF	-5	420	94	66	3	3	67	-0.5	110	3.0	11.0	2	-1	67.9	0.6	-5	-500	8
A88K-12	SYTF	-5	3400	65	150	15	3	70	-1.3	95	2.7	45.0	3	20	266.0	3.6	21	-500	540
A88K-13	SYTF	5	4300	92	91	3	3	60	-0.5	140	3.6	9.2	4	1	65.8	0.8	-5	-500	12
A88K-14	SYTF	12	1200	76	140	19	3	80	-2.3	71	2.9	58.3	2	29	429.0	7.5	35	-720	810
A88K-15	SYTC	-5	14100	140	80	5	4	110	-0.5	130	3.4	23.0	4	6	152.0	2.0	7	-500	160
A88K-16	SYTC	5	2600	96	82	2	-2	72	-0.5	160	4.9	10.0	4	-1	61.3	2.4	-5	-500	17
A88K-17	SYTC	-5	3700	89	110	-2	3	59	-0.5	170	5.1	10.0	4	1	114.0	1.5	-5	-500	18
A88K-18A	SYTC	-5	2800	84	100	10	3	72	-1.1	91	2.4	30.0	3	14	190.0	3.4	14	-500	355
A88K-18B	SYTC	-5	380	480	120	10	9	460	-0.5	120	2.7	50.9	1	5	245.0	1.8	9	-500	41
A88K-19	SYTF	-5	8800	230	110	4	3	160	-0.5	120	3.2	38.0	2	3	206.0	1.2	-5	-500	18
A88K-20	SYTF	9	370	160	110	7	-2	100	-0.5	160	1.7	39.0	2	8	210.0	2.0	10	-560	195
A88K-21	SYTF	15	400	310	150	55	4	68	-4.6	76	2.2	158.0	1	76	880.0	28.0	58	-1700	1900
A88K-22	SYTF	-5	760	130	86	3	3	86	-0.5	120	2.2	25.0	-1	2	117.0	-0.5	-5	-500	24
A88K-23	SYTC	6	1900	140	66	5	3	100	-0.5	140	3.6	19.0	1	2	91.5	1.2	-5	-500	16
A88K-24	SYTC	6	2200	170	130	7	3	140	-0.5	130	2.8	25.0	2	3	141.0	1.6	5	-500	56
A88K-25	SYTF	-5	140	73	110	4	-2	52	-0.5	90	3.7	16.0	1	2	65.8	0.7	-5	-500	15
A88K-26	SYTF	-5	1900	170	140	7	2	110	-0.8	91	1.6	33.0	-1	3	179.0	0.5	10	-500	71
A88K-27	SYTF	9	20000	180	99	6	4	110	-0.5	190	2.4	28.0	-1	2	158.0	0.9	-5	-500	22
A88K-30	SYTF	5	610	82	170	-2	6	66	-0.5	140	2.3	7.7	4	1	49.0	3.3	-5	-500	38
A88K-31	SYTC	10	2100	280	170	10	5	220	-0.5	110	2.7	63.8	3	5	336.0	1.3	10	-500	38
A88K-32	SYTC	-5	30000	360	110	18	-2	280	-0.9	82	1.0	99.5	-1	8	444.0	0.9	23	-500	155
A88K-33	SYTF	-5	600	190	-50	6	3	120	-0.5	150	1.1	38.0	-1	4	155.0	1.0	6	-500	63
A88K-34	SYTF	8	2500	200	120	9	3	130	-0.5	120	0.9	43.0	1	5	217.0	1.6	10	-500	83
A88K-35	SYTF	15	7400	56	95	10	-2	48	-1.2	79	0.8	34.0	-1	14	233.0	4.4	18	-500	385
A88K-36	SYTF	-5	7000	140	120	4	3	110	-0.5	81	2.0	24.0	2	4	135.0	1.3	5	-500	77
A88K-37	SYTF	30	1400	-46	180	32	3	77	-4.2	76	4.0	114.0	3	58	718.0	13.0	67	-2200	1500
A88K-38	SYTF	-5	1100	67	140	16	2	67	-2.3	100	2.7	76.4	3	37	501.0	6.6	40	-500	1100
A88K-39	SYTF	25	1200	-54	200	33	4	84	-6.4	110	4.3	127.0	2	72	874.0	20.0	89	-2000	1600
A88K-40	SYTF	-5	2400	81	110	-2	2	53	-0.5	88	2.4	12.0	3	2	67.0	2.9	-5	-500	30
A88K-41	SYTF	12	1400	100	200	6	3	73	-0.5	48	2.4	25.0	2	7	142.0	2.1	8	-500	170
A88K-44	SYTF	16	-100	410	67	8	6	340	-0.5	170	1.0	72.6	4	6	484.0	1.3	13	-500	46
A88K-45	SYTF	-5	200	460	260	7	6	390	-0.7	160	1.4	84.5	3	8	739.0	2.2	22	-500	81
A88K-48	SYTF	19	1500	530	67	-2	3	500	-0.7	12	7.8	16.0	-1	2	97.2	1.2	9	-500	57
A88K-50	SYTF	22	2500	700	95	19	7	689	-0.6	64	3.5	101.0	-1	14	537.0	3.8	26	-500	260
RE88-12A	SYTF	-5	13400	120	73	3	4	81	-0.5	130	1.5	27.0	-1	5	154.0	1.4	6	-500	95

SELECTED GEOCHEMISTRY, CARBONATITES

SAMPLE_ID	RT	AU	BA	CE	CR	EU	HF	LA	LU	RB	SC	SM	TA	TB	TH	U	YB	ZR	Y
C-KA-14RA	CRBT	-5	1900	650	-50	4	-2	400	-0.5	-10	0.9	28.0	-1	2	3.8	2.5	-5	500	15
C-KA-18R	CRBT	-5	-100	480	-50	3	2	310	-0.5	-10	1.2	18.0	-1	2	3.4	1.6	-5	-500	15
C-KA-47R	CRBT	-5	860	310	280	7	3	190	-1.4	73	8.7	29.0	4	6	1030.0	8.5	-14	-500	100
C-KA-59R	CRBT	-21	380	6450	130	39	11	9260	-1.2	-34	9.0	130.0	-1	15	994.0	5.0	-9	-1600	110
C-KA-75R	CRBT	230	-100	14900	100	56	10	17300	-3.5	-21	24.0	189.0	-1	43	3000.0	22.0	-59	2100	580
C-KA-76R	CBTX	11	-100	71	50	-2	-2	63	-0.5	-10	1.5	1.8	-1	-1	20.0	0.5	-5	-500	-5
C-KA-79R	CBTX	25	660	160	110	5	-2	72	-2.0	-10	2.2	22.0	-1	5	1160.0	21.0	-23	-500	160
C-KA-79RA	CBTX	50	1500	83	150	-2	-4	50	-1.7	14	5.3	8.3	-1	3	473.0	10.0	-20	-500	180
C-KA-95F	CRBT	-21	1600	900	210	50	-2	757	-7.9	77	9.3	189.0	3	60	1300.0	30.0	-83	-1300	1300
C-KA-100F	CRBT	-5	450	160	370	33	-2	130	-5.5	75	11.0	75.2	7	51	825.0	27.0	-64	1400	1400
C-KA-101F	CRBT	-5	5100	65	130	2	9	52	-0.5	63	3.2	11.0	2	3	52.7	5.1	-5	730	48
C-KA-102R	CRBT	170	-100	1890	150	6	-2	1720	-2.1	-24	11.0	46.0	-1	4	320.0	8.3	-21	-500	140
C-KA-104R	CRBT	-5	130	200	220	14	-2	120	-2.1	17	29.0	60.3	-1	7	464.0	1.6	-17	790	125
C-KA-105R	CRBT	-5	1000	490	70	7	-2	400	-1.4	-10	2.4	23.0	-1	8	247.0	9.1	-16	-500	270
C-KA-107R	CRBT	-12	2400	500	230	27	-2	470	-2.1	25	5.1	119.0	7	25	700.0	4.6	-25	840	530
C-KA-108R	CRBT	-17	-210	1390	220	45	4	1410	-9.0	39	9.5	136.0	2	64	1050.0	12.0	-110	1500	1500
C-KA-109R	CRBT	-13	30000	540	190	36	-2	350	-2.5	-10	8.3	125.0	-1	22	641.0	0.9	-29	1900	470
C-KA-110R	CRBT	34	2800	360	130	7	-2	220	-0.6	-10	5.7	32.0	-1	4	134.0	4.1	-6	-500	74
C-KA-128R	CRBT	8	-100	400	-50	11	-2	270	-1.4	-10	4.2	42.0	-1	8	212.0	7.2	-14	-500	200
H-KA-8R	CRBT	41	200	1710	210	100	11	1140	0.7	150	4.3	295.0	-1	31	1790.0	6.6	-5	2500	110
037118	CRBT	140	270	420	120	8	6	430	-0.5	120	2.2	50.0	1	3	237.0	2.1	8	-500	26
037124	CRBT	24	3800	310	140	11	3	260	-1.9	15	6.4	41.0	-1	7	161.0	1.5	22	-500	235
037131	CRBT	14	410	360	170	16	5	410	-2.9	18	5.5	48.0	-1	21	368.0	5.1	38	-1000	615
A88K-28	CRBT	9	4100	390	190	11	3	320	-0.7	18	6.0	59.1	-1	6	265.0	2.1	12	-500	74
A88K-29	CRBT	16	12600	1110	170	33	-2	714	-1.6	12	8.1	130.0	-1	17	484.0	5.4	20	-1000	385
A88K-42	CRBT	12	3000	490	210	41	-2	270	-5.9	15	8.3	113.0	4	59	1000.0	21.0	74	-1500	1700
A88K-43	CRBT	9	900	59	73	12	3	40	-2.2	39	3.3	39.0	1	20	242.0	6.8	25	-500	600
A88K-49	CRBT	17	1600	580	170	49	-2	330	-3.5	43	6.1	127.0	5	50	837.0	12.0	-46	-1000	1100

SELECTED GEOCHEMISTRY, DIATREME BRECCIAS AND DYKES

SAMPLE_ID	RT	AU	BA	CE	CR	EU	HF	LA	LU	RB	SC	SM	TA	TB	TH	U	YB	ZR	Y
C-KA-1R	BRXD	31	360	91	89	-2	14	51	1.0	110	2.3	4.8	8	-1	13.0	4.3	8	830	33
C-KA-7R	BRXD	-5	1300	340	-50	2	18	210	-0.5	87	2.0	20.0	17	2	32.0	10.0	5	1300	62
C-KA-10R	BRXD	-5	420	65	720	-2	-2	32	-0.5	50	25.0	6.0	3	-1	3.7	1.0	-5	-500	-5
C-KA-19R	BRXD	-5	1900	400	-50	-2	28	220	-0.5	110	2.2	23.0	26	3	55.1	15.0	7	790	81
C-KA-20R	BRXD	-5	110	34	83	-2	-2	19	-0.5	-10	7.0	5.5	-1	2	3.8	2.1	-5	-500	38
C-KA-20RA	BRXD	-5	570	91	-50	-2	12	41	-0.5	95	1.1	5.1	17	-1	58.9	10.0	5	800	26
C-KA-39R	BRXD	-5	190	48	1300	-2	4	24	-0.5	89	25.0	3.3	6	-1	8.3	2.0	-5	-500	-5
C-KA-41R	BRXD	-5	120	44	1000	-2	-2	23	-0.5	27	16.0	4.3	2	-1	163.0	1.5	-5	-500	6
C-KA-70F	DBRX	6	500	200	240	3	5	140	0.7	86	20.0	12.0	6	2	46.0	6.6	8	-500	92
C-KA-72F	DBRX	-5	810	120	590	-2	4	84	-0.5	170	27.0	7.0	7	-1	12.0	1.2	-5	-500	17
C-KA-78R	BRXD	-5	5500	200	120	5	2	110	-0.9	110	13.0	21.0	7	6	175.0	7.2	-12	-500	170
C-KA-81F	DBRX	-5	220	44	120	-2	4	25	-0.5	140	4.0	4.2	2	-1	35.0	3.1	-5	-500	52
C-KA-88F	BRXD	-22	-100	2010	210	130	-2	1640	-1.8	-20	8.4	357.0	-1	40	2990.0	6.0	-7	2700	120
C-KA-90F	DBXG	-5	540	420	740	8	5	270	-1.0	110	20.0	43.0	5	5	278.0	3.5	-9	-500	100
C-KA-92R	BRXD	-5	180	210	61	-2	14	110	-0.5	150	1.8	13.0	8	2	46.0	6.4	5	510	53
C-KA-93R	DBRX	11	150	240	1200	-2	4	160	0.6	140	27.0	11.0	3	3	24.0	2.1	-5	-500	44
C-KA-94F	DBXG	-5	670	420	790	7	5	240	-2.1	85	22.0	31.0	5	11	310.0	8.6	-24	-500	445
C-KA-103R	BRXD	-5	1800	170	110	2	4	120	-0.5	220	10.0	8.1	9	-1	32.0	6.6	-5	-500	33
C-KA-120R	BRXD	-5	170	220	-50	-2	17	120	0.6	230	2.9	12.0	13	2	47.0	4.5	7	-500	64
C-KA-121R	BRXD	-5	-100	67	59	-2	10	34	-0.5	54	-0.5	5.9	22	2	52.6	13.0	6	-500	45
C-KA-133R	BRXD	-5	300	360	-50	3	27	190	-0.5	130	1.3	21.0	22	3	38.0	9.3	7	1200	65
037101	BRXD	6	130	65	-50	3	5	39	-0.5	-10	24.0	7.0	4	1	5.7	1.2	-5	710	11
037105	DBXG	-5	2300	84	87	3	3	55	-0.5	120	1.2	12.0	3	2	55.3	0.7	-5	-500	28
037122	BRXT	140	960	81	360	-2	3	56	-0.5	130	23.0	6.8	5	1	14.0	2.4	-5	-500	14
037128	BRXT	13	1800	24	92	-2	-2	17	-0.5	70	3.3	3.9	2	-1	17.0	-0.5	-5	-500	-5
037130	BRXT	6	750	36	710	-2	3	22	-0.5	84	15.0	5.5	3	-1	26.0	1.1	-5	-500	21
037137	BRXT	-5	9000	1020	110	-4	8	1170	-0.5	-10	1.8	32.0	-1	3	158.0	-0.5	-5	-500	13

SELECTED GEOCHEMISTRY, QUARTZ VEINS

SAMPLE_ID	RT	AU	BA	CE	CR	EU	HF	LA	LU	RB	SC	SM	TA	TB	TH	U	YB	ZR	Y
C-KA-3R	QTZV	-5	-100	61	220	-2	-2	44	-0.5	-10	2.5	1.9	-1	-1	73.2	2.8	-5	-500	6
C-KA-12R	QTZV	-5	2100	11	190	-2	-2	-5	-0.5	13	3.7	1.8	-1	-1	0.7	-0.5	-5	-500	-5
C-KA-13R	QTZV	10	25600	240	-50	-2	14	140	-0.5	110	2.3	15.0	16	2	31.0	11.0	-5	-500	33
C-KA-14R	QTZV	-5	27400	65	210	-2	4	42	-0.5	55	1.4	2.8	8	-1	20.0	10.0	-5	600	11
C-KA-23R	QTZV	-5	160	43	130	-2	-2	16	-0.5	16	7.7	4.6	-1	-1	3.4	0.6	-5	-500	10
C-KA-24R	QTZV	-5	-100	-10	130	-2	-2	5	-0.5	-10	2.4	2.0	-1	-1	1.0	-0.5	-5	-500	-5
C-KA-26R	QTZV	-5	-100	-10	270	-2	-2	6	-0.5	-10	0.7	1.9	-1	-1	0.6	0.5	-5	-500	-5
C-KA-27R	QTZV	-5	-100	-10	-50	-2	-2	6	-0.5	-10	5.7	1.5	-1	-1	-0.5	-0.5	-5	-500	11
C-KA-31R	QTZV	-5	-100	-10	270	-2	-2	-5	-0.5	-10	1.1	0.5	-1	-1	1.0	0.7	-5	-500	-5
C-KA-32R	QTZV	-5	-100	39	96	3	-2	16	-0.5	-10	3.4	6.6	-1	1	0.7	-0.5	-5	-500	10
C-KA-33R	QTZV	-5	-100	11	78	-2	-2	-5	-0.5	-10	0.9	1.4	-1	-1	0.9	-0.5	-5	-500	-5
C-KA-36R	QTZV	280	-100	-10	120	-2	-2	-5	-0.5	-10	-0.5	0.6	-1	-1	-0.5	1.0	-5	-500	-5
C-KA-45R	QTZV	-5	-100	-10	220	-2	-2	5	-0.5	-10	10.0	1.1	-1	-1	0.9	1.8	-5	-500	-5
C-KA-62R	QTZV	-5	-100	-22	150	-2	-2	13	-0.5	-10	-0.5	1.4	-1	-1	5.2	-0.5	-5	-500	-5
C-KA-64R	QTZV	26	580	96	-50	-2	4	53	-0.5	140	4.8	11.0	5	2	70.4	2.5	-5	-500	61
C-KA-96F	QTZV	-5	720	510	240	21	-2	310	-0.6	86	9.0	74.7	4	9	855.0	3.8	-11	760	81
C-KA-111R	QTZV	23	1100	59	66	-2	4	55	-0.5	220	2.0	3.0	10	-1	30.0	1.6	-5	-500	15
C-KA-113R	QTZV	-5	130	130	120	-2	-2	80	-0.5	-10	1.6	7.9	-1	2	4.6	1.5	-5	-500	44
H-KA-8F	QTZV	14	-100	70	280	-2	-2	32	-0.5	27	0.7	4.6	-1	1	26.0	0.9	-5	-500	46

SELECTED GEOCHEMISTRY, SHEAR ZONES

SAMPLE_ID	RT	AU	BA	CE	CR	EU	HF	LA	LU	RB	SC	SM	TA	TB	TH	U	YB	ZR	Y
C-KA-29R	SHZN	5	510	220	-50	-2	-2	150	-0.5	140	1.1	6.1	4	-1	90.1	2.1	-5	-500	-5
C-KA-50R	SHZN	-67	-100	3550	-50	150	-2	1080	-4.1	21	14.0	598.0	2	44	3000.0	32.0	-150	4700	616
C-KA-50RA	SHZN	150	1500	710	38	30	-5	220	-1.7	160	7.3	161.0	4	7	484.0	12.0	-20	-1200	110
C-KA-58R	SHZN	7	820	640	120	-2	7	554	0.8	160	11.0	24.0	2	5	119.0	3.6	7	1100	110
C-KA-78RA	SHZN	-5	700	170	-50	4	-2	99	-0.8	87	8.2	16.0	5	4	161.0	4.5	-9	-500	125
C-KA-85FA	SHZN	9	-100	39	55	-2	3	30	-0.5	13	4.3	5.5	-1	1	48.0	3.8	-5	-500	12

SELECTED GEOCHEMISTRY, FLUORITE-PYRITE VEINS AND BRECCIA INFILLINGS

SAMPLE_ID	RT	AU	BA	CE	CR	EU	HF	LA	LU	RB	SC	SM	TA	TB	TH	U	YB	ZR	Y
C-KA-73R	FPYV	-5	130	470	100	12	2	310	-1.0	-10	9.5	45.0	-1	4	408.0	2.0	-11	-500	63
C-KA-73RA	FPYV	-18	-100	2360	340	69	-2	2290	-1.5	66	11.0	245.0	4	22	3360.0	6.5	-8	3500	110
C-KA-74R	PYBX	96	140	22	-50	-2	-2	12	-0.5	-10	8.7	5.2	-1	1	93.1	1.5	-5	-500	37
C-KA-97F	PYBX	-5	190	92	120	-2	3	58	-0.5	60	4.4	6.5	1	-1	41.0	8.7	-5	-500	20
C-KA-99F	PYBX	14	-100	-10	-50	-2	-2	6	-0.5	-10	0.9	1.0	-1	-1	3.9	0.8	-5	-500	-5
RES8-28B	PYBX	31	-100	880	93	-2	6	796	-0.6	33	5.5	28.0	1	2	77.6	1.0	6	-500	28

Analysis of multi-element assay data from various parts of the property indicate that there have been several phases of alkaline igneous activity, and that some of these are greatly enriched in both yttrium and other heavy earths including europium. These enriched phases are expressed by both intrusive and extrusive lithologies, as well as by diatreme breccias and alteration zones.

The reason for escalating interest in yttrium, arises from a combination of rising demand and failing supply. Yttrium, usually sold as its oxide yttria (Y_2O_3), has traditionally been supplied largely from xenotime and to a lesser extent monazite produced as a byproduct of placer tin mining in Malaysia and Thailand, and alternately during extraction of titanium and zircon from sands in Australia. The former sources have been greatly reduced as a result of the fall of tin prices, and the Australian production has been in decline, although this may be reversed in future years. A small quantity of yttrium is produced from the Elliot Lake uranium mines, but the major new source of heavy rare earths in general has been China. Quality control problems and an apparent decision to develop internal uses (mainly in T.V. production), rather than export markets, has left the Chinese contribution in doubt. The 1988 compendium Economics of Rare Earths and Yttrium describes the situation as follows:

> "A sharp increase in demand for yttria from the ceramic industry will necessitate exploitation of yttrium-rich deposits such as the Thor Lake deposit in Canada."

The Thor Lake deposit lies in the Northwest Territories, and the 1987 World Mining Review singles out its "T-Zone" (elsewhere refered to as the "R-Zone") as unique at 0.21% Y_2O_5. Other known non-producing occurrences outside of China include the Brockman deposit of Australia (at 0.124% yttria) and the Gardner in Greenland (0.12%). Reports of 0.33% yttria at Mt Weld, Australia have been published but this is still an exploration site. In any case, several of the cut samples from the Kechika reconnaissance return assays in excess of 0.5% yttrium (0.63% yttria), which is a very favorable grade.

Prices for yttrium oxide tend to be quoted at US $50-55/lb, or US $80/kg for Chinese material. This in part reflects purification costs, however. A more useful quote is for a rough concentrate of 60% yttria, valued at US $32-33/kg (1987-fob Malaysia). At this price the previously cited 0.63% grade from Kechika would be worth US $340 per metric ton for its yttria content alone.

There is a further possibilily that the emerging field of superconductors will create a major demand for yttrium in the future. Economics of Rare Earths and Yttrium describes the scenario as follows:

> "A large increase in the demand for yttrium would have a significant effect on the rare earth industry, as yttrium constitutes under 1% of the bastnaesite ore and under 3.5% of monazite ore. It constitutes 65% of xenotime, and 60% of concentrates from Denison's Elliot Lake operation. However, these sources account for under 1% of world production of rare earth minerals. A significant increase in demand for yttrium would lead to higher rare earth prices which, in turn, may restrain the development of superconductors containing yttrium oxide."

Although more difficult to directly evaluate, the Kechika rocks are also enriched in the other heavy rare earths. Europium oxide (refined) is recently quoted at US $745-825/lb Several Kechika samples lay in the 0.015-0.030% range in this element, the latter representing 0.7 lb/T europium oxide. Samarium has recently seen an abrupt price rise, and is quoted between US $85-90/lb for use in high quality magnets. Although an intermediate rather than heavy Rare Earth, it is concentrated in the Kechika rocks, in several cases in excess of 500ppm, equivalent to 1.15 lb/T Eu_2O_3

5. CONCLUSIONS

In the Kechika area, a suite of rocks consisting of leucocratic and melanocratic syenites, possible syenitic tuffs, carbonatites, and a diatreme breccia and related dikes and tuff breccias are exposed in a zone over 35 kilometres in length. Within this belt a number of zones have been discovered that are extremely enriched in yttrium and various heavy Rare Earth metals. These enriched zones contain the potential for one or more economic deposits. Mineralization occurs in bodies of significant size and considerable potential exists for finding new zones. A final assessment of the 1988 program will depend on additional analytical data, and on metallurgical test results which are not yet available.

6. RECOMMENDATIONS

6.1 Recommended Program

The recommended program for the next (1989) stage of work on the Kechika property includes continuing the evaluation of known REE zones plus exploration work to look for additional targets. Bench test work should be carried out concurrently on samples from the various zones, which differ in their minerology, since the economics of deposits of this type often depend on metallurgical considerations. Finally, the market for yttrium and the various Rare Earth elements should be monitored as the program advances.

Evaluation of known targets should be by a combination of detailed mapping and systematic sampling. Trenching will be necessary and a portable drill should be available to test priority targets in areas covered by shallow overburden. In general, drilling will not be straightforword since water is not readily available in some areas.

There is excellent potential for the discovery of additional REE targets in the Kechika area. The zone with known high potential (open at both ends) is over 35 km in length and has only been evaluated in a very cursory way. The recommended exploration procedure is as follows: (1) conduct an airborne multispectrum radiometric survey of the belt; (2) have prospecting teams check all anomalies on the ground; (3) map and sample priority targets arising out of this work.

The practical exploration season in the Kechika area lasts from about early July to mid-September. To facilitate efficient field work it is recommended that a good quality contour map be made from airphotos in advance of the field season to provide control for the various surveys proposed.

6.2 Budget Estimate

STAGE I (AUGUST - SEPTEMBER, 1989)

Airborne radiometric survey 10 hours @ $1,200 per hour	$ 12,000	
Geological - prospecting 500 man-days @ $170 per man-day	85,000	
Mapping - sampling 150 man-days @ $300 per man-day	45,000	
Trenching (blaster & helper) 30 man-days @ $500 per day	15,000	
Transportation: includes; truck rental, helicopter & fixed-wing charter and pack horse lease	70,000	
Base map preparation	8,000	
Camp, engineering and supervision	30,000	
Assay & Geochemical	20,000	
Contingency: includes; off-property exploration, additional staking, etc.	40,000	
Total Stage I		$325,000

STAGE II (OCTOBER - DECEMBER, 1989)

Metallurgical test work	15,000	
Marketing research	10,000	
Total Stage II		$ 25,000
Total Stage I and Stage II		$350,000

7. REFERENCES

Gabrielse, H. (1962)
Kechika, B.C., Geological Survey of Canada, Map 42-1962.

Fox, M. (1987)
Geological and Geochemical Report RAR 1-9, REE 1-8, and REO 1 and 2 mineral claims; Assessment Report dated January, 1987 (Revised - May, 1987).

O'Driscoll,M. (1988)
Rare earths,Enter the dragon; Industrial Minerals, November, p.21-55.

Pell, J.,Culbert, D. and Fox, M. (1988)
The Kechika Yttrium and Rare-Earth Prospect; B.C. Ministry of Energy Mines and Petroleum Resources, Geological Fieldwork 1988, Paper 1988-1.

Roskill Information Services Ltd.(1988): The Economics of Rare-Earths and Yttrium,359p.

World Mining Review (1987): Rare Earths, p.89.

8. CERTIFICATE(R.R.C)

CERTIFICATE OF QUALIFICATION

I, Richard R. Culbert, do hereby certify that:

1. I am a consulting geological engineer with offices at suite 900-625 Howe Street, Vancouver, B.C. V6C 2T6

2. I am a graduate of the University of British Columbia, B.Sc., (1966), Ph.D. (1971).

3. I am a registered Professional Engineer of the Province of British Columbia.

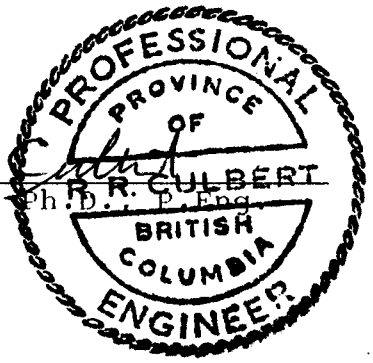
4. I have practised my profession as a geologist and engineer since 1966.

5. I personally examined and sampled the Kechika Property of A. Harmon, G. Johnson, and Golden Rule Resources Ltd.

6. I have not received, nor do I expect to receive, any interest, direct or indirect, in the Kechika Property, in the Formosa - Golden Rule joint venture, or in the securities of either Golden Rule Resources Ltd. or Formosa Resources Corporation.

7. I hereby consent to the publication of this report for purposes of a prospectus or a statement of material facts.

Dated at Vancouver, British Columbia, this 15th day of February,1989



Richard R. Culbert, Ph.D., P.Eng.

8. CERTIFICATE(D.G.L.)

CERTIFICATE OF QUALIFICATION

I, Douglas G Leighton, do hereby certify that:

1. I am a professional geologist with offices at 3155 West 12th Avenue, Vancouver B.C. V6K2R6

2. I am a graduate of the University of British Columbia, B.Sc., (1968).

3. I am a Fellow in the Geological Association of Canada.

4. I have practised my profession as a geologist since 1968.

5. I personally supervised the 1988 exploration program on the Kechika Property of A. Harmon, G. Johnson, and Golden Rule Resources Ltd.

6. I have not received, nor do I expect to receive, any interest, direct or indirect, in the Kechika Property, in the Formosa - Golden Rule joint venture, or in the securities of either Golden Rule Resources Ltd. or Formosa Resources Corporation.

7.

Dated at Vancouver, British Columbia, this 15th day of February,1989

Douglas G. Leighton B.Sc., F.G.A.C.

GEOLOGICAL ASSOCIATION OF CANADA
D. G. LEIGHTON
FELLOW

APPENDIX I

STATEMENT OF COSTS
(1988 Work Program)

Wages and Professional Fees* including benefits	$ 20,013
Transportation (mainly helicopter)	35,932
Bulk Sampling, Project Organization, and Field Management (A. Harmon contract)	26,359
Assays and Petrographic Work	6,970
Groceries and Supplies	4,289
Freight, Radio, Expediting and General Office Expenses	1,284
Contract Engineering Charge	10,643
TOTAL	$104,490

* Breakdown showing pay rates and days worked follows.

TIME SHEET SUMMARY

KECHIKA PROJECT

Year 1988

NAME	RATE	MONTH	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Time Total
Fox, M.	$350.00	August - September																		X	X	X	X	X	X	X	X	X	X	X	X			13
Culbert, R. R.	$325.00	August - September	X	X	X	X	X	X	X	X	X	X	X	X	/																			12½
Morris, R.	$200.00	August - September	X	X	X	X	X	X	X	X	X	X																						10
Hunchuk, A.	$117.00	August - September																	X	X	X	X	X	X	X	X	X	X	X	X	X	X		30
			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X																
Johnson, G.	$100.00	August - September							X	X	X	X	X	X	X	X	X																	09
Leighton, D. G.	$250.00	August - September																	X	X	X	X	X			X	X	X	X	X				20
			X	X	X	X						X	X	X	X	X	X																
Total chargeable																																		

APPENDIX II

GEOCHEMICAL LAB REPORTS

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Geochemical Lab Report

BOUNDARY DRILLING LTD.
3155 WEST 12th AVENUE
VANCOUVER, B.C.
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130 Pemberton Ave.
North Vancouver, B.C.
V7P 2R5
(604) 985-0681 Telex 04-352667

BONDAR-CLEGG

Geochemical Lab Report

REPORT: V88-08115.0 (COMPLETE)

REFERENCE INFO:

CLIENT: BOUNDARY DRILLING LTD.
PROJECT: 108 KECHIKA

SUBMITTED BY: UNKNOWN
DATE PRINTED: 20-OCT-88

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	164	5 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
2	Ag	Silver	164	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
3	As	Arsenic	164	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
4	Ba	Barium	164	100 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
5	Br	Bromine	164	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
6	Cd	Cadmium	164	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
7	Ce	Cerium	164	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
8	Co	Cobalt	164	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
9	Cr	Chromium	164	50 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
10	Cs	Cesium	164	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
11	Eu	Europium	164	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
12	Fe	Iron	164	0.5 PCT	NOT APPLICABLE	INST. NEUTRON ACTIV.
13	Hf	Hafnium	164	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
14	Ir	Iridium	164	100 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
15	La	Lanthanum	164	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
16	Lu	Lutetium	164	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
17	Mo	Molybdenum	164	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
18	Na	Sodium	164	0.05 PCT	NOT APPLICABLE	INST. NEUTRON ACTIV.
19	Ni	Nickel	164	50 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
20	Rb	Rubidium	164	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
21	Sb	Antimony	164	0.2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
22	Sc	Scandium	164	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
23	Se	Selenium	164	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
24	Sm	Samarium	164	0.1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
25	Sn	Tin	164	200 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
26	Ta	Tantalum	164	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
27	Tb	Terbium	164	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
28	Te	Tellurium	164	20 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
29	Th	Thorium	164	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
30	U	Uranium	164	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
31	W	Tungsten	164	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
32	Yb	Ytterbium	164	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
33	Zn	Zinc	164	200 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
34	Zr	Zirconium	164	500 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
35	Y	Yttrium	164	5 PPM		X-RAY Fluorescence

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Geochemical Lab Report

REPORT: V88-08115.0 (COMPLETE)

REFERENCE INFO:

CLIENT: BOUNDARY DRILLING LTD.
PROJECT: 108 KECHIKA

SUBMITTED BY: UNKNOWN
DATE PRINTED: 20-OCT-88

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	11	1 -80	11	CRUSH,PULVERIZE -150	153
R ROCK OR BED ROCK	153	2 -150	153		

NOTES: = indicates SEE REMARKS

REMARKS: SOME DETECTION LIMITS ARE ELEVATED DUE TO HIGH THORIUM, ARSENIC AND RARE EARTH ELEMENTS.

▫ INTERFERENCE NOTED DUE TO THORIUM OR IRON.

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FORMOSA RESOURCES CORP.

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Geochemical Lab Report

REPORT: V88-08115.0 | PROJECT: 108 KECHTKA | PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cs PPM	Eu PPM	Fe PCT
S1 C-KA 2T		<5	<5	35	310	5	<10	270	<10	<50	3	<2	10.0
S1 C-KA 5T		<5	<5	30	570	1	<10	230	<10	<50	4	<2	6.5
S1 C-KA 11T		<5	<5	56	3700	2	<10	250	30	73	3	3	5.6
S1 C-KA 12T		<5	<5	9	1500	8	<10	160	37	110	2	2	4.0
S1 C-KA 15T		<5	<5	5	2900	7	<10	220	35	330	7	3	6.5
S1 C-KA 26S		<5	<5	26	620	<1	<10	110	23	130	4	2	6.2
S1 C-KA 35T		<5	<5	28	680	7	<10	160	22	81	3	3	2.8
S1 C-KA 37S		<5	<5	2	360	2	<10	110	17	90	4	<2	4.4
S1 C-KA 46S		74	<5	194	460	1	<10	73	17	88	4	<2	10.0
S1 C-KA 50S		1650	16	25900	530	<58	<54	4710	69	59	3	240	37.0
S1 C-KA 67S		<45	<5	695	210	13	<49	860	52	200	2	14	5.7
R2 C-KA 1R		31	<5	37	360	<1	<10	91	18	89	1	<2	21.0
R2 C-KA 2R		<5	<5	4	540	<1	<10	280	<10	90	1	2	1.4
R2 C-KA 3R		<5	<5	60	<100	<1	<10	61	<10	220	<1	<2	3.5
R2 C-KA 4R		<5	<5	3	260	<1	<10	61	<10	<50	2	<2	1.6
R2 C-KA 6R		<5	<5	10	1100	<1	<10	130	<10	<50	2	<2	1.4
R2 C-KA 7R		<5	<5	4	1300	<1	<10	340	<10	<50	2	2	0.5
R2 C-KA 8R		<5	<5	<1	990	<1	<10	240	<10	<50	1	<2	0.9
R2 C-KA 9R		<5	<5	<1	900	<1	<10	270	<10	<50	1	<2	0.8
R2 C-KA 10R		<5	<5	2	420	<1	<10	65	31	720	1	<2	4.0
R2 C-KA 12R		<5	<5	<1	2100	<1	<10	11	<10	190	<1	<2	3.5
R2 C-KA 13R		10	<5	81	25600	<1	<10	240	<10	<50	2	<2	1.6
R2 C-KA 14R		<5	<5	42	27400	<1	<10	65	<10	210	<1	<2	2.1
R2 C-KA 14RA		<5	<5	31	1900	<1	<10	650	<10	<50	<1	4	4.8
R2 C-KA 16R		<5	<5	4	3900	<1	<10	130	<10	150	<1	<2	2.5
R2 C-KA 17R		<5	<5	5	9100	<1	<10	86	<10	110	<1	<2	2.9
R2 C-KA 18R		<5	<5	4	<100	<1	<10	480	<10	<50	<1	3	7.1
R2 C-KA 19R		<5	<5	20	1900	<1	<10	400	<10	<50	3	<2	1.7
R2 C-KA 20R		<5	<5	2	110	<1	<10	34	<10	83	<1	<2	10.0
R2 C-KA 20RA		<5	<5	<1	570	<1	<10	91	<10	<50	2	<2	1.1
R2 C-KA 21R		<5	<5	<1	<100	<1	<10	190	<10	<50	2	<2	1.5
R2 C-KA 22R		<5	<5	<1	350	<1	<10	240	<10	51	2	<2	1.0
R2 C-KA 23R		<5	<5	1	160	<1	<10	43	<10	130	<1	<2	3.1
R2 C-KA 24R		<5	<5	<1	<100	<1	<10	<10	<10	130	<1	<2	5.4
R2 C-KA 25R		<5	<5	1	<100	<1	<10	12	<10	<50	<1	<2	5.8
R2 C-KA 26R		<5	<5	113	<100	<1	<10	<10	14	270	<1	<2	4.2
R2 C-KA 27R		<5	<5	2	<100	<1	<10	<10	<10	<50	<1	<2	1.1
R2 C-KA 28R		<5	<5	2	300	<1	<10	320	<10	56	3	<2	4.1
R2 C-KA 28RA		<5	<5	2	360	<1	<10	50	<10	58	3	<2	2.5
R2 C-KA 29R		5	<5	<1	510	<1	<10	220	<10	<50	3	<2	3.0

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SAMPLE NUMBER	ELEMENT UNITS	Hf PPM	Ir PPB	La PPM	Lu PPM	Mo PPM	Na PCT	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sm PPM
S1 C-KA 2T		21	<100	120	<0.5	6	0.46	<50	92	1.6	4.4	<10	22.0
S1 C-KA 5T		9	<100	110	<0.5	<2	0.19	<50	50	2.7	8.3	<10	17.0
S1 C-KA 11T		18	<100	140	<0.5	11	0.32	<50	76	4.0	11.0	<10	18.0
S1 C-KA 12T		7	<100	79	<0.5	4	0.30	63	58	1.4	25.0	<10	12.0
S1 C-KA 15T		5	<100	150	<0.5	11	0.56	81	160	0.9	16.0	<10	11.0
S1 C-KA 26S		2	<100	61	<0.5	<2	0.46	88	150	0.7	20.0	<10	9.0
S1 C-KA 35T		12	<100	69	<0.5	<2	0.33	<50	81	0.4	11.0	<10	13.0
S1 C-KA 37S		6	<100	57	<0.5	<2	0.41	<50	140	0.3	15.0	<10	7.8
S1 C-KA 46S		4	<100	38	<0.5	<2	0.94	<50	110	0.8	13.0	<10	5.9
S1 C-KA 50S		<2	<100	1580	6.7	65	<6.80	83	76	46.1	17.0	<25	862.0
S1 C-KA 67S		2	<100	420	<1.9	<28	<5.40	<50	81	1.8	16.0	<20	129.0
R2 C-KA 1R		14	<100	51	1.0	4	0.10	<50	110	3.0	2.3	<10	4.8
R2 C-KA 2R		15	<100	140	<0.5	4	2.50	<50	66	1.0	1.4	<10	19.0
R2 C-KA 3R		<2	<100	44	<0.5	21	0.05	<50	<10	8.6	2.5	<10	1.9
R2 C-KA 4R		<2	<100	23	<0.5	<2	0.35	<50	45	0.4	5.8	<10	3.0
R2 C-KA 6R		20	<100	63	<0.5	<2	0.12	<50	93	0.9	1.9	<10	8.5
R2 C-KA 7R		18	<100	210	<0.5	<2	0.16	<50	87	0.6	2.0	<10	20.0
R2 C-KA 8R		16	<100	130	<0.5	<2	0.23	<50	82	0.5	1.6	<10	17.0
R2 C-KA 9R		16	<100	160	<0.5	<2	0.30	<50	81	0.2	1.6	<10	17.0
R2 C-KA 10R		<2	<100	32	<0.5	<2	0.11	89	50	0.2	25.0	<10	6.0
R2 C-KA 12R		<2	<100	<5	<0.5	2	0.08	<50	13	<0.2	3.7	<10	1.8
R2 C-KA 13R		14	<100	140	<0.5	<2	0.18	<50	110	3.3	2.3	<10	15.0
R2 C-KA 14R		4	<100	42	<0.5	9	0.31	<50	65	4.0	1.4	<10	2.8
R2 C-KA 14RA		<2	<100	400	<0.5	<2	0.15	<50	<10	0.8	0.9	<10	28.0
R2 C-KA 16R		4	<100	83	<0.5	5	0.55	<50	130	0.3	5.6	<10	6.1
R2 C-KA 17R		4	<100	58	<0.5	11	0.19	<50	88	0.7	5.4	<10	4.7
R2 C-KA 18R		2	<100	310	<0.5	<2	0.14	<50	<10	0.4	1.2	<10	18.0
R2 C-KA 19R		28	<100	220	<0.5	<2	0.25	<50	110	1.6	2.2	<10	23.0
R2 C-KA 20R		<2	<100	19	<0.5	<2	0.11	<50	<10	0.3	7.0	<10	5.6
R2 C-KA 20RA		12	<100	41	<0.5	<2	0.08	<50	95	0.7	1.1	<10	5.1
R2 C-KA 21R		13	<100	96	<0.5	<2	0.09	<50	61	0.4	1.0	<10	11.0
R2 C-KA 22R		11	<100	130	<0.5	<2	0.06	<50	50	0.5	1.2	<10	15.0
R2 C-KA 23R		<2	<100	16	<0.5	<2	0.07	<50	16	<0.2	7.7	<10	4.6
R2 C-KA 24R		<2	<100	5	<0.5	<2	0.07	<50	<10	<0.2	2.4	<10	2.0
R2 C-KA 25R		<2	<100	5	<0.5	<2	0.11	<50	<10	0.2	1.0	<10	1.7
R2 C-KA 26R		<2	<100	6	<0.5	<2	<0.05	<50	<10	0.5	0.7	<10	1.9
R2 C-KA 27R		<2	<100	6	<0.5	<2	<0.05	<50	<10	<0.2	5.7	<10	1.5
R2 C-KA 28R		26	<100	180	<0.5	<2	4.00	<50	72	0.2	1.8	<10	19.0
R2 C-KA 28RA		3	<100	27	<0.5	<2	0.70	<50	59	<0.2	6.8	<10	4.7
R2 C-KA 29R		<2	<100	150	<0.5	<2	0.16	<50	140	0.4	1.1	<10	6.1

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SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Ta PPM	Tb PPM	Te PPM	Th PPM	U PPM	W PPM	Yb PPM	Zn PPM	Zr PPM	Y PPM
S1 C-KA 2T		<200	13	2	<20	36.0	10.0	<2	<5	<200	1300	45
S1 C-KA 5T		<200	8	1	<20	74.5	6.2	3	<5	<200	<500	23
S1 C-KA 11T		<200	16	3	<20	33.0	13.0	2	7	<200	800	60
S1 C-KA 12T		<200	6	1	<20	13.0	3.6	3	<5	<200	<500	31
S1 C-KA 15T		<200	8	<1	<20	30.0	5.0	6	<5	<200	<500	35
S1 C-KA 26S		<200	1	1	<20	17.0	3.6	<2	<5	<200	<500	28
S1 C-KA 35T		<200	1	2	<20	15.0	2.8	3	<5	<200	550	38
S1 C-KA 37S		<200	3	<1	<20	16.0	2.2	<2	<5	<200	<500	23
S1 C-KA 46S		<200	1	<1	<20	15.0	2.5	<2	<5	<200	<500	18
S1 C-KA 50S		<970	5	65	<120	>3000.0	55.5	<110	<170	1700	8500	890=
S1 C-KA 67S		<200	<1	8	<150	>3000.0	25.0	<77	<140	<200	3400	193=
R2 C-KA 1R		<200	8	<1	<20	13.0	4.3	5	8	<200	830	33
R2 C-KA 2R		<200	12	2	<20	23.0	7.5	<2	<5	<200	<500	39
R2 C-KA 3R		<200	<1	<1	<20	73.2	2.8	<2	<5	<200	<500	6
F KA 4R		<200	<1	<1	<20	7.2	41.0	<2	<5	<200	<500	<5
R2 C-KA 6R		<200	33	2	<20	76.4	18.0	4	7	<200	<500	59
R2 C-KA 7R		<200	17	2	<20	32.0	10.0	5	5	<200	1300	62
R2 C-KA 8R		<200	15	2	<20	30.0	5.5	4	5	<200	570	57
R2 C-KA 9R		<200	16	2	<20	31.0	6.0	<2	<5	<200	<500	48
R2 C-KA 10R		<200	3	<1	<20	3.7	1.0	<2	<5	<200	<500	<5
R2 C-KA 12R		<200	<1	<1	<20	0.7	<0.5	<2	<5	<200	<500	<5
R2 C-KA 13R		<200	16	2	<20	31.0	11.0	<2	<5	<200	<500	33
R2 C-KA 14R		<200	8	<1	<20	20.0	10.0	2	<5	<200	600	11
R2 C-KA 14RA		<200	<1	2	<20	3.8	2.5	<2	<5	<200	500	15
R2 C-KA 16R		<200	7	<1	<20	22.0	3.8	2	<5	<200	<500	18
R2 C-KA 17R		<200	10	<1	<20	23.0	10.0	3	<5	<200	<500	19
R2 C-KA 18R		<200	<1	2	<20	3.4	1.6	<2	<5	<200	<500	15
R2 C-KA 19R		<200	26	3	<20	55.1	15.0	4	7	<200	790	81
R2 C-KA 20R		<200	<1	2	<20	3.8	2.1	<2	<5	<200	<500	38
R2 C-KA 20RA		<200	17	<1	<20	58.9	10.0	4	5	<200	800	26
R2 C-KA 21R		<200	16	1	<20	53.5	7.9	7	<5	<200	<500	28
R2 C-KA 22R		<200	28	2	<20	67.1	12.0	4	<5	<200	<500	31
R2 C-KA 23R		<200	<1	<1	<20	3.4	0.6	<2	<5	<200	<500	10
R2 C-KA 24R		<200	<1	<1	<20	1.0	<0.5	<2	<5	<200	<500	<5
R2 C-KA 25R		<200	<1	<1	<20	1.4	0.9	<2	<5	<200	<500	<5
KA 26R		<200	<1	<1	<20	0.6	0.5	<2	<5	<200	<500	<5
R2 C-KA 27R		<200	<1	<1	<20	<0.5	<0.5	<2	<5	<200	<500	11
R2 C-KA 28R		<200	21	3	<20	39.0	10.0	4	6	<200	1100	69
R2 C-KA 28RA		<200	1	<1	<20	12.0	1.7	<2	<5	<200	<500	7
R2 C-KA 29R		<200	4	<1	<20	90.1	2.1	11	<5	<200	<500	<5

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cs PPM	Eu PPM	Fe PCT
R2 C-KA 31R		<5	<5	99	<100	<1	<10	<10	13	270	<1	<2	1.1
R2 C-KA 32R		<5	<5	<1	<100	<1	<10	39	<10	96	<1	3	0.8
R2 C-KA 33R		<5	<5	1	<100	2	<10	11	<10	78	<1	<2	1.9
R2 C-KA 34R		<5	<5	1	690	<1	<10	130	<10	120	3	<2	3.3
R2 C-KA 36R		280	<5	450	<100	2	<10	<10	29	120	<1	<2	5.8
R2 C-KA 37R		10	<5	5	230	<1	<10	340	<10	58	2	<2	3.3
R2 C-KA 38R		<5	<5	2	110	<1	<10	270	<10	<50	2	<2	4.1
R2 C-KA 39R		<5	<5	3	190	<1	<10	48	39	1300	3	<2	4.7
R2 C-KA 40R		<5	<5	9	<100	<1	<10	36	<10	<50	1	<2	2.0
R2 C-KA 41R		<5	<5	4	120	<1	<10	44	42	10000	<1	<2	5.9
R2 C-KA 42R		<5	<5	<1	<100	<1	<10	340	<10	<50	<1	<2	5.3
R2 C-KA 43R		<5	<5	<1	130	<1	<10	350	<10	<50	<1	<2	5.8
R2 C-KA 44R		<5	<5	2	210	<1	<10	51	<10	<50	3	<2	2.2
R2 C-KA 45R		<5	<5	3	<100	<1	<10	<10	<10	220	<1	<2	19.0
R2 C-KA 47R		<5	<5	214	860	1	<10	310	22	280	<1	7	5.5
R2 C-KA 48R		170	9	229	<100	<3	<10	3820	18	180	<1	33	12.0
R2 C-KA 48RA		220	<5	439	570	2	<10	1440	91	170	3	11	24.0
R2 C-KA 49R		27	<5	114	740	<1	<10	380	<10	68	3	<2	5.7
R2 C-KA 49RA		<5	<5	9	1700	<1	<10	190	<10	<50	2	3	5.7
R2 C-KA 49RB		11	<5	69	1300	<1	<10	280	<10	57	4	5	3.6
R2 C-KA 50R		<67	10	5160	<100	<13	<47	3550	11	<50	1	150	19.0
R2 C-KA 50RA		150	<5	3680	1500	<13	<10	710	<10	88	3	30	10.0
R2 C-KA 51R		<51	<5	219	540	<11	<45	1100	<10	230	1	33	2.5
R2 C-KA 52R		17	<5	16	990	<1	<10	260	<10	<50	<1	4	2.7
R2 C-KA 53R		<5	<5	13	900	<1	<10	320	<10	<50	4	<2	2.4
R2 C-KA 54R		<5	<5	7	<100	<1	<10	21	13	180	<1	<2	<0.5
R2 C-KA 55R		<5	<5	28	1900	<1	<10	160	16	180	12	3	4.4
R2 C-KA 56R		<5	<5	73	450	<1	<10	480	<10	75	<1	7	0.8
R2 C-KA 57R		<5	<5	7	590	<1	<10	340	<10	86	4	<2	1.5
R2 C-KA 58R		7	<5	4	820	<1	<10	640	20	120	2	<2	5.2
R2 C-KA 58A		<5	<5	15	410	<1	<10	130	<10	<50	4	<2	2.9
R2 C-KA 59R		<5	<5	11	320	<1	<10	130	<10	77	9	19	3.1
R2 C-KA 60R		<5	<5	2	930	<1	<10	190	<10	<50	1	<2	4.7
R2 C-KA 61R		<5	<5	35	390	<1	<10	190	11	<50	1	<2	0.8
R2 C-KA 62R		<5	<5	3	<100	<1	<10	<22	140	150	<1	<2	33.0
R2 C-KA 63R		<5	<5	28	2600	<1	<10	220	<10	100	8	3	3.7
R2 C-KA 64R		26	<5	67	580	<1	<10	96	23	<50	1	<2	4.8
R2 C-KA 65R		<5	<5	18	480	<1	<10	110	<10	85	6	<2	2.7
R2 C-KA 66R		<5	<5	18	8200	<1	<10	250	<10	<50	1	2	3.0
R2 C-KA 67R		<10	<5	125	650	<1	<10	130	11	140	<1	6	3.4

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SAMPLE NUMBER	ELEMENT UNITS	Hf PPM	Ir PPB	La PPM	Lu PPM	Mo PPM	Na PCT	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sm PPM
R2 C-KA 31R		<2	<100	<5	<0.5	<2	<0.05	<50	<10	<0.2	1.1	<10	0.5
R2 C-KA 32R		<2	<100	16	<0.5	<2	<0.05	<50	<10	<0.2	3.4	<10	6.6
R2 C-KA 33R		<2	<100	<5	<0.5	<2	0.12	<50	<10	<0.2	0.9	<10	1.4
R2 C-KA 34R		15	<100	63	<0.5	<2	0.64	<50	110	0.5	12.0	<10	10.0
R2 C-KA 36R		<2	<100	<5	<0.5	<2	<0.05	<50	<10	2.1	<0.5	<10	0.6
R2 C-KA 37R		26	<100	210	<0.5	5	4.80	<50	57	0.2	0.7	<10	21.0
R2 C-KA 38R		20	<100	140	<0.5	<2	1.50	<50	59	<0.2	1.5	<10	17.0
R2 C-KA 39R		4	<100	24	<0.5	<2	0.25	150	89	<0.2	25.0	<10	3.3
R2 C-KA 40R		<2	<100	12	<1.2	<2	0.18	<50	<10	0.5	2.4	<10	4.8
R2 C-KA 41R		<2	<100	23	<0.5	<2	0.12	250	27	0.2	16.0	<10	4.3
R2 C-KA 42R		23	<100	180	<0.5	8	5.85	<50	<10	0.3	2.1	<10	20.0
R2 C-KA 43R		27	<100	210	<0.5	<2	4.90	<50	24	<0.2	1.1	<10	21.0
R2 C-KA 44R		<2	<100	29	<0.5	<2	0.44	<50	49	0.4	7.0	<10	3.8
R2 C-KA 45R		<2	<100	5	<0.5	<2	0.06	<50	<10	0.9	10.0	<10	1.1
R2 C-KA 47R		3	<100	190	<1.4	<2	0.40	110	73	6.9	8.7	<10	29.0
R2 C-KA 48R		11	<100	4060	<2.3	140	<0.45	<50	34	1.5	12.0	<10	161.0
R2 C-KA 48RA		<5	<100	1150	<1.3	352	0.24	<50	60	3.8	6.2	<10	84.3
R2 C-KA 49R		8	<100	290	<0.5	31	3.90	<50	130	1.9	1.6	<10	19.0
R2 C-KA 49RA		4	<100	140	<0.5	11	2.40	<50	160	1.6	1.3	<10	6.0
R2 C-KA 49RB		12	<100	190	<0.5	13	2.60	<50	230	1.1	1.5	<10	11.0
R2 C-KA 50R		<2	<100	1080	<4.1	<29	<10.00	<50	21	18.0	14.0	<21	598.0
R2 C-KA 50RA		<5	<100	220	<1.7	70	0.21	<50	160	12.0	7.3	<10	161.0
R2 C-KA 51R		90	<100	509	<6.0	<29	<3.30	<50	160	2.9	235.0	<26	191.0
R2 C-KA 52R		10	<100	210	<0.5	80	4.20	<50	140	1.1	1.1	<10	8.7
R2 C-KA 53R		<2	<100	210	<0.5	<2	4.80	<50	120	<0.2	1.6	<10	14.0
R2 C-KA 54R		<2	<100	24	<0.5	<2	0.08	<50	20	0.3	1.4	<10	0.8
R2 C-KA 55R		4	<100	87	<0.5	5	3.20	<50	400	<0.2	10.0	<10	11.0
R2 C-KA 56R		10	<100	360	<0.5	<2	5.73	<50	82	0.4	1.3	<10	22.0
R2 C-KA 57R		9	<100	220	<0.5	2	2.80	<50	190	0.5	2.0	<10	11.0
R2 C-KA 58R		7	<100	554	0.8	130	0.10	<50	160	0.6	11.0	<10	24.0
R2 C-KA 58A		8	<100	86	<0.5	27	5.10	<50	92	0.4	0.9	<10	3.6
R2 C-KA 59R		10	<100	49	<4.8	<2	0.48	<50	210	0.5	7.5	<10	56.6
R2 C-KA 60R		6	<100	130	<0.5	8	3.10	<50	190	0.8	1.2	<10	6.6
R2 C-KA 61R		8	<100	140	<0.5	5	4.90	<50	120	0.5	2.3	<10	8.1
R2 C-KA 62R		<2	<100	13	<0.5	<2	<0.05	2000	<10	0.4	<0.5	<10	1.4
R2 C-KA 63R		3	<100	110	<0.5	15	2.80	<50	350	0.5	5.7	<10	20.0
R2 C-KA 64R		4	<100	53	<0.5	15	3.90	<50	140	0.7	4.8	<10	11.0
R2 C-KA 65R		3	<100	57	<0.5	7	4.30	<50	240	0.4	7.5	<10	9.2
R2 C-KA 66R		3	<100	130	<0.5	32	1.10	<50	190	1.8	1.1	<10	7.7
R2 C-KA 67R		<2	<100	64	<0.9	<4	2.40	<50	130	0.8	15.0	<10	18.0

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SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Ta PPM	Tb PPM	Te PPM	Th PPM	U PPM	W PPM	Yb PPM	Zn PPM	Zr PPM	Y PPM
R2 C-KA 31R		<200	<1	<1	<20	1.0	0.7	<2	<5	<200	<500	<5
R2 C-KA 32R		<200	<1	1	<20	0.7	<0.5	<2	<5	<200	<500	10
R2 C-KA 33R		<200	<1	<1	<20	0.9	<0.5	<2	<5	<200	<500	<5
R2 C-KA 34R		<200	1	2	<20	23.0	4.2	<2	<5	<200	600	22
R2 C-KA 36R		<200	<1	<1	<20	<0.5	1.0	<2	<5	<200	<500	<5
R2 C-KA 37R		<200	23	3	<20	44.0	9.2	3	7	<200	990	58
R2 C-KA 38R		<200	17	2	<20	25.0	7.1	<2	<5	<200	910	49
R2 C-KA 39R		<200	6	<1	<20	8.3	2.0	<2	<5	<200	<500	<5
R2 C-KA 40R		<200	<1	2	42	1380.0	3.0	<2	<13	<200	<500	58
R2 C-KA 41R		<200	2	<1	<20	163.0	1.5	2	<5	<200	<500	6
R2 C-KA 42R		<200	20	2	<20	94.7	10.0	<2	7	320	820	48
R2 C-KA 43R		<200	23	3	<20	43.0	11.0	3	8	<200	880	68
R2 C-KA 44R		<200	<1	<1	<20	8.5	5.1	<2	<5	<200	<500	<5
R2 C-KA 45R		<200	<1	<1	<20	0.9	1.8	<2	<5	<200	<500	<5
R2 C-KA 47R		<200	4	6	<20	1030.0	8.5	28	<14	<200	<500	100
R[illegible]KA 48R		<200	2	13	<20	2190.0	15.0	24	<14	2100	1600	190
R2 C-KA 48RA		<200	<1	5	<48	647.0	12.0	9	<9	<200	<1100	104=
R2 C-KA 49R		<200	11	3	<20	205.0	17.0	20	9	<200	830	84
R2 C-KA 49RA		<200	8	<1	<20	40.0	3.2	4	<5	<200	<500	11
R2 C-KA 49RD		<200	18	2	<20	152.0	22.0	22	8	<200	<500	81
R2 C-KA 50R		<200	2	44	<110	>3000.0	32.0	<130	<150	670	4700	616
R2 C-KA 50RA		<510	4	7	<75	484.0	12.0	14	<20	360	<1200	110
R2 C-KA 51R		<1800	<1	21	<170	>3000.0	39.0	130	<180	<200	7900	812
R2 C-KA 52R		<200	9	<1	<20	96.9	24.0	37	6	<200	910	32
R2 C-KA 53R		<200	6	3	<20	201.0	15.0	9	<5	<200	<500	44
R2 C-KA 54R		<200	<1	<1	<20	6.8	1.0	<2	<5	<200	<500	<5
R2 C-KA 55R		<200	9	1	<20	71.5	2.0	4	<5	210	<500	65
R2 C-KA 56R		<200	8	4	<20	231.0	25.0	75	<15	<200	<500	120
R2 C-KA 57R		<200	8	1	<20	147.0	25.0	10	<5	<200	720	51
R2 C-KA 58R		<200	2	5	<20	119.0	3.6	12	7	<200	1100	110
R2 C-KA 58A		<200	8	<1	<20	46.0	7.8	11	<5	<200	610	18
R2 C-KA 59R		<200	1	31	<20	455.0	22.0	4	<54	<200	1100	1100
R2 C-KA 60R		<200	7	1	<20	103.0	19.0	21	<5	<200	620	45
R2 C-KA 61R		<200	7	1	<20	48.0	7.2	110	<5	<200	<500	36
R2 C-KA 62R		<200	<1	<1	<20	5.2	<0.5	<2	<5	<200	<500	<5
R2 C-KA 63R		<200	9	1	<20	74.6	4.6	8	<5	<200	<500	63
R2 [illegible]KA 64R		<200	5	2	<20	70.4	2.5	26	<5	<200	<500	61
R[illegible]KA 65R		<200	5	2	<20	74.3	3.7	28	<5	<200	<500	52
R2 C-KA 66R		<200	11	<1	<20	34.0	11.0	6	<5	<200	<500	32
R2 C-KA 67R		<200	1	2	<46	2220.0	5.9	4	<21	<200	610	53

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cs PPM	Eu PPM	Fe PCT
R2 C-KA 69R		<21	<5	145	380	6	<29	6450	26	130	<1	39	9.2
R2 C-KA 70F		6	<5	11	500	<1	<10	200	19	240	<1	3	5.4
R2 C-KA 71F		<5	<5	37	260	<1	<10	100	170	140	<1	<2	3.9
R2 C-KA 72F		<5	<5	15	810	44	<10	120	43	590	5	<2	6.2
R2 C-KA 73R		<5	<5	8	130	<1	<10	470	<10	100	<1	12	4.8
R2 C-KA 73RA		<18	9	233	<1000	4	<10	2360	29	340	<1	69	4.7
R2 C-KA 74R		96	<5	56	140	2	<10	22	<10	<50	<1	<2	5.2
R2 C-KA 75R		230	<5	312	<100	<11	<42	14900	11	100	<1	56	6.5
R2 C-KA 76R		11	<5	33	<100	<1	<10	71	<10	50	<1	<2	6.3
R2 C-KA 77F		<5	<5	13	450	<1	<10	280	23	150	<1	10	5.1
R2 C-KA 78R		<5	<5	15	5500	<1	<10	200	21	120	<1	5	5.0
R2 C-KA 78RA		<5	<5	9	700	<1	<10	170	12	<50	<1	4	7.5
R2 C-KA 79R		25	6	28	660	<1	<10	160	<10	110	<1	5	2.1
R2 C-KA 79RA		50	25	329	1500	<1	330	83	<10	150	<1	<2	1.9
R2 C-KA 80R		<5	<5	11	300	<1	<10	53	<10	72	2	<2	2.3
R2 C-KA 81F		<5	<5	9	220	<1	<10	44	<10	120	<1	<2	2.4
R[illegible]KA 82F		<5	<5	9	1100	<1	<10	630	<10	230	<1	24	3.9
R2 C-KA 83F		<5	<5	9	<100	<1	<10	89	<10	75	<1	2	2.6
R2 C-KA 84F		<5	<5	33	860	<1	<10	310	14	390	3	8	5.4
R2 C-KA 85F		40	<5	14	510	<1	<10	280	12	450	2	3	8.2
R2 C-KA 85FA		9	<5	330	<100	2	<10	39	<10	55	<1	<2	45.0
R2 C-KA 86F		587	<5	646	<100	<3	<10	1410	<10	340	<1	11	11.0
R2 C-KA 87F		<59	<5	74	1400	<14	<51	6660	<10	180	<1	314	2.4
R2 C-KA 88F		<22	<5	32	<100	<3	<10	2010	<10	210	<1	130	8.0
R2 C-KA 89F		14	<5	49	760	<1	<10	140	10	180	<1	<2	5.1
R2 C-KA 90F		<5	<5	11	540	<1	<10	420	38	740	1	8	4.6
R2 C-KA 91F		370	<5	254	460	<1	<10	220	21	180	4	12	10.0
R2 C-KA 92R		<5	<5	<1	180	<1	<10	210	<10	61	2	<2	2.5
R2 C-KA 93R		11	<5	42	150	<1	<10	240	22	1200	1	<2	2.9
R2 C-KA 94F		<5	<5	96	670	<1	<10	420	24	790	<1	7	4.8
R2 C-KA 95F		<21	<10	60	1600	<3	<10	900	22	210	3	50	9.3
R2 C-KA 96F		<5	<5	40	720	<1	<10	510	25	240	<1	21	5.7
R2 C-KA 97F		<5	<5	35	190	<1	<10	92	<10	120	<1	<2	10.0
R2 C-KA 98R		<5	<5	13	380	2	<10	380	<10	110	<1	5	2.7
R2 C-KA 99F		14	<5	25	<100	2	<10	<10	<10	<50	<1	<2	4.5
R2 C-KA 99FA		<5	<5	2	160	<1	<10	11	<10	<50	<1	<2	1.0
R2 C-KA 100F		<5	<5	28	450	<1	<10	160	39	370	1	33	5.6
R[illegible]KA 101F		<5	<5	29	5100	<1	<10	65	28	130	2	2	10.0
R[illegible]KA 102R		170	<5	104	<100	<1	<10	1890	<10	150	<1	6	3.4
R2 C-KA 103R		<5	<5	1	1800	<1	<10	170	10	110	2	2	3.8

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SAMPLE NUMBER	ELEMENT UNITS	Hf PPM	Ir PPB	La PPM	Lu PPM	Mo PPM	Na PCT	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sm PPM
R2 C-KA 69R		11	<100	9260	<1.2	140	<0.66	<50	<34	1.7	9.0	<10	130.0
R2 C-KA 70F		5	<100	140	0.7	<2	0.88	68	86	1.9	20.0	<10	12.0
R2 C-KA 71F		2	<100	86	<0.5	4	<0.05	<50	<10	0.5	0.8	<10	5.3
R2 C-KA 72F		4	<100	84	<0.5	13	4.70	170	170	0.9	27.0	<10	7.0
R2 C-KA 73R		2	<100	310	<1.0	5	0.59	63	<10	0.4	9.5	<10	45.0
R2 C-KA 73RA		<2	<100	2290	<1.5	<7	<0.41	<50	66	62.4	11.0	<10	245.0
R2 C-KA 74R		<2	<100	12	<0.5	<2	0.16	<50	<10	3.9	8.7	<10	5.2
R2 C-KA 75R		10	<100	17300	<3.5	24	<12.00	<50	<21	13.0	24.0	<10	189.0
R2 C-KA 76R		<2	<100	63	<0.5	<2	0.14	<50	<10	1.6	1.5	<10	1.8
R2 C-KA 77F		3	<100	180	<2.8	<2	0.33	<50	120	3.5	14.0	<10	32.0
R2 C-KA 78R		2	<100	110	<0.9	<2	0.33	<50	110	3.0	13.0	<10	21.0
R2 C-KA 78RA		<2	<100	99	<0.8	15	0.50	<50	87	3.8	8.2	<10	16.0
R2 C-KA 79R		<2	<100	72	<2.0	14	0.08	<50	<10	14.0	2.2	<10	22.0
R2 C-KA 79RA		<4	<100	50	<1.7	54	<0.05	<50	14	17.0	5.3	<10	8.3
R2 C-KA 80R		3	<100	25	<0.5	<2	0.25	<50	96	0.9	7.5	<10	4.8
R2 C-KA 81F		4	<100	25	<0.5	<2	0.15	<50	140	0.8	4.0	<10	4.2
R2 C-KA 82F		<2	<100	410	<1.0	<2	0.07	<50	<10	1.0	6.8	<10	104.0
R2 C-KA 83F		3	<100	25	<1.6	<2	0.09	<50	<10	0.8	3.9	<10	10.0
R2 C-KA 84F		<2	<100	190	<2.7	<2	0.45	98	110	2.2	16.0	<10	29.0
R2 C-KA 85F		8	<100	140	<0.5	<2	0.21	<50	230	2.1	29.0	<10	12.0
R2 C-KA 85FA		3	<100	30	<0.5	<2	<0.05	<50	13	5.8	4.3	<10	5.5
R2 C-KA 86F		16	<100	1190	<4.6	234	<0.12	<50	120	20.0	24.0	<10	53.6
R2 C-KA 87F		<2	<100	4890	<2.2	<22	<16.00	<50	<10	35.3	1.7	<10	964.0
R2 C-KA 88F		<2	<100	1640	<1.8	<7	<0.42	<50	<20	2.7	8.4	<10	357.0
R2 C-KA 89F		13	<100	55	<0.5	<2	0.13	<50	130	2.5	2.5	<10	10.0
R2 C-KA 90F		5	<100	270	<1.0	<2	0.12	170	110	1.4	20.0	<10	43.0
R2 C-KA 91F		9	<100	110	<14.0	<6	3.50	63	34	6.2	11.0	<10	32.0
R2 C-KA 92R		14	<100	110	<0.5	<2	0.79	<50	150	0.3	1.8	<10	13.0
R2 C-KA 93R		4	<100	160	0.6	36	0.14	57	140	1.0	27.0	<10	11.0
R2 C-KA 94F		5	<100	240	<2.1	<2	0.13	70	85	3.1	22.0	<10	31.0
R2 C-KA 95F		<2	<100	757	<7.9	<7	0.68	<50	77	1.5	9.3	<10	189.0
R2 C-KA 96F		<2	<100	310	<0.6	<2	0.20	<50	86	2.7	9.0	<10	74.7
R2 C-KA 97F		3	<100	58	<0.5	19	1.00	55	60	16.0	4.4	<10	6.5
R2 C-KA 98R		14	<100	220	<0.5	6	0.90	<50	190	0.5	5.9	<10	15.0
R2 C-KA 99F		<2	<100	6	<0.5	<2	0.15	<50	<10	1.9	0.9	<10	1.0
R2 C-KA 99FA		<2	<100	7	<0.5	<2	0.14	<50	<10	0.4	1.2	<10	1.4
R2 C-KA 100F		<2	<100	130	<5.5	<2	0.38	140	75	2.3	11.0	<10	75.2
R2 C-KA 101F		9	<100	62	<0.5	10	0.13	88	63	15.0	3.2	<10	11.0
R2 C-KA 102R		<2	<100	1720	<2.1	56	<0.12	<50	<24	24.4	11.0	<10	46.0
R2 C-KA 103R		4	<100	120	<0.5	3	1.40	<50	220	0.9	10.0	<10	8.1

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SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Ta PPM	Tb PPM	Te PPM	Th PPM	U PPM	W PPM	Yb PPM	Zn PPM	Zr PPM	Y PPM
R2 C-KA 69R		<200	<1	15	<43	994.0	5.0	<13	<9	<200	<1600	110
R2 C-KA 70F		<200	6	2	<20	46.0	6.6	19	8	<200	<500	92
R2 C-KA 71F		<200	<1	1	<20	17.0	1.8	<2	<5	<200	<500	6
R2 C-KA 72F		<200	7	<1	<20	12.0	1.2	<2	<5	<200	<500	17
R2 C-KA 73R		<200	<1	4	<20	408.0	2.0	3	<11	<200	<500	63
R2 C-KA 73RA		<200	4	22	<44	2300.0	6.5	68	<8	250	3500	110
R2 C-KA 74R		<200	<1	1	<20	93.1	1.5	2	<5	<200	<500	37
R2 C-KA 75R		<200	<1	43	<61	>3000.0	22.0	<98	<59	<200	2100	580
R2 C-KA 76R		<200	<1	<1	<20	20.0	0.5	9	<5	<200	<500	<5
R2 C-KA 77F		<200	7	16	<20	408.0	12.0	66	<30	<200	540	605
R2 C-KA 78R		<200	7	6	<20	175.0	7.2	86	<12	<200	<500	170
R2 C-KA 78RA		<200	5	4	<20	161.0	4.5	46	<9	<200	<500	125
R2 C-KA 79R		<200	<1	5	<20	1160.0	21.0	226	<23	<200	<500	160
R2 C-KA 79RA		<200	<1	3	<51	473.0	10.0	1460	<20	>30000	<500	180
R2 C-KA 80R		<200	<1	<1	<20	30.0	3.0	15	<5	<200	<500	26
R2 C-KA 81F		<200	2	<1	<20	35.0	3.1	35	<5	240	<500	52
R2 C-KA 82F		<200	<1	14	<20	585.0	8.6	6	<10	<200	<500	130
R2 C-KA 83F		<200	<1	2	<37	988.0	6.4	4	<15	<200	<500	66
R2 C-KA 84F		<200	6	14	<20	366.0	14.0	39	<30	<200	<500	580
R2 C-KA 85F		<200	16	1	<20	45.0	2.5	27	<5	<200	<500	44
R2 C-KA 85FA		<200	<1	1	<20	48.0	3.8	4	<5	<200	<500	12=
R2 C-KA 86F		<200	5	6	<76	1590.0	18.0	160	<57	950	1800	279
R2 C-KA 87F		<610	<1	106	<56	>3000.0	25.0	<150	<110	<200	8500	441
R2 C-KA 88F		<200	<1	40	<20	2990.0	6.0	100	<7	<200	2700	120
R2 C-KA 89F		<200	1	<1	<20	56.7	1.7	6	<5	<200	<500	6
R2 C-KA 90F		<200	5	5	<20	278.0	3.5	24	<9	<200	<500	100
R2 C-KA 91F		<460	7	32	<79	2570.0	9.1	23	<150	910	1200	1750
R2 C-KA 92R		<200	8	2	<20	46.0	6.4	13	5	<200	510	53
R2 C-KA 93R		<200	3	2	<20	24.0	2.1	60	<5	<200	<500	44
R2 C-KA 94F		<200	5	11	<20	310.0	8.6	21	<24	<200	<500	445
R2 C-KA 95F		<500	3	60	<73	1300.0	30.0	<6	<83	<200	<1300	1300
R2 C-KA 96F		<200	4	9	<20	855.0	3.8	33	<11	<200	760	81
R2 C-KA 97F		<200	1	<1	<20	41.0	8.7	14	<5	<200	<500	20
R2 C-KA 98R		<200	10	1	<20	53.4	8.9	9	<5	<200	800	48
R2 C-KA 99F		<200	<1	<1	<20	3.9	0.8	2	<5	<200	<500	<5
R2 C-KA 99FA		<200	<1	<1	<20	7.0	2.8	<2	<5	<200	<500	<5
R2 C-KA 100F		<480	7	51	<20	825.0	27.0	21	<64	<200	1400	1400
R2 C-KA 101F		<200	2	3	<20	52.7	5.1	2240	<5	<200	730	48
R2 C-KA 102R		<200	<1	4	<20	320.0	8.3	17	<21	<200	<500	140
R2 C-KA 103R		<200	9	<1	<20	32.0	6.6	10	<5	<200	<500	33

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Geochemical Lab Report

REPORT: V88-08115.0

PROJECT: 108 KECHIKA PAGE 4A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cs PPM	Eu PPM	Fe PCT
R2 C-KA 104R		<5	<5	2	130	<1	<10	200	<10	220	<1	14	10.0
R2 C-KA 105R		<5	6	18	1000	<1	<10	490	<10	70	<1	7	5.9
R2 C-KA 106R		<13	<5	4	460	<1	<10	110	<10	170	<1	26	3.9
R2 C-KA 107R		<12	<5	20	2400	<1	<10	500	18	230	<1	27	6.2
R2 C-KA 108R		<17	<10	26	<210	<3	<20	1390	13	220	<1	45	8.2
R2 C-KA 109R		<13	<5	4	>30000	<2	<10	540	<10	190	<1	36	7.3
R2 C-KA 110R		34	<5	83	2800	<1	<10	360	<10	130	<1	7	9.2
R2 C-KA 111R		23	<5	174	1100	<1	<10	59	<10	66	<1	<2	3.6
R2 C-KA 112R		<5	<5	<1	130	<1	<10	120	59	<50	<1	<2	11.0
R2 C-KA 113R		<5	<5	36	130	<1	<10	130	<10	120	<1	<2	2.1
R2 C-KA 114R		<5	<5	1	<100	2	<10	32	<10	<50	<1	<2	2.0
R2 C-KA 115R		<5	<5	<1	100	<1	<10	19	56	400	<1	<2	7.5
R2 C-KA 116R		<5	<5	2	<100	<1	<10	180	<10	<50	2	<2	1.0
R2 C-KA 117R		<5	<5	10	110	<1	<10	150	<10	<50	1	<2	<0.5
R2 C-KA 118R		<5	<5	3	<100	2	<10	18	<10	<50	<1	<2	1.4
R2 C-KA 119R		<5	<5	4	150	<1	<10	85	<10	220	2	<2	0.9
R KA 120R		<5	<5	<1	170	<1	<10	220	<10	<50	1	<2	0.7
R2 C-KA 121R		<5	<5	1	<100	<1	<10	67	<10	59	2	<2	1.4
R2 C-KA 123R		<5	<5	2	<100	<1	<10	41	<10	<50	<1	<2	1.5
R2 C-KA 124R		9	<5	4	7300	<1	<10	170	<10	<50	2	2	3.8
R2 C-KA 125R		<5	<5	<1	750	<1	<10	300	<10	<50	2	<2	3.9
R2 C-KA 126R		<5	<5	2	990	<1	<10	200	<10	<50	3	2	3.1
R2 C-KA 127R		<5	<5	4	570	<1	<10	120	<10	98	2	<2	3.2
R2 C-KA 128R		8	<5	13	<100	<1	<10	400	<10	<50	<1	11	4.2
R2 C-KA 129R		<5	<5	2	590	<1	<10	100	<10	<50	<1	<2	5.6
R2 C-KA 129RA		<5	<5	3	890	<1	<10	170	<10	<50	<1	3	5.7
R2 C-KA 130R		<5	<5	3	340	<1	<10	54	<10	<50	<1	<2	1.3
R2 C-KA 131R		<5	<5	42	250	<1	<10	14	98	1300	2	<2	7.1
R2 C-KA 132F		<5	<5	1	2700	<1	<10	220	<10	62	<1	3	<0.5
R2 C-KA 133R		<5	<5	<1	300	<1	<10	360	<10	<50	3	3	3.9
R2 C-KA 134R		7	<5	15	690	<1	<10	130	28	92	3	<2	3.0
R2 H-KA 1R		<5	<5	25	1900	1	<10	220	29	65	7	<2	6.3
R2 H-KA 2R		<5	<5	17	580	1	<10	280	16	130	10	<2	5.8
R2 H-KA 3R		<5	<5	8	780	<1	<10	180	<10	63	<1	<2	1.9
R2 H-KA 4R		8	<5	6	2200	26	<10	630	11	78	3	<2	3.4
R2 H-KA 5R		<5	<5	13	930	2	<10	240	10	97	2	4	3.5
R2 H-KA 6R		<5	<5	<1	1500	1	<10	830	12	74	2	5	5.3
R KA 7R		15	<5	10	200	2	<10	630	<10	200	<1	31	5.4
R KA 8F		14	<5	27	<100	<1	<10	70	73	280	<1	<2	20.0
R2 H-KA 8R		41	<5	10	200	<2	<10	1710	<10	210	1	100	3.4

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REPORT: V88-08115.0

PROJECT: 108 KECHIKA PAGE 4B

SAMPLE NUMBER	ELEMENT UNITS	Hf PPM	Ir PPB	La PPM	Lu PPM	Mo PPM	Na PCT	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sm PPM
R2 C-KA 104R		<2	<100	120	<2.1	<2	0.10	<50	17	0.6	29.0	<10	60.3
R2 C-KA 105R		<2	<100	400	<1.4	22	0.16	<50	<10	2.4	2.4	<10	23.0
R2 C-KA 106R		<2	<100	39	<15.0	<5	0.16	<50	44	1.4	5.0	<10	64.4
R2 C-KA 107R		<2	<100	470	<2.1	<4	0.15	<50	25	1.6	5.1	<10	119.0
R2 C-KA 108R		4	<100	1410	<9.0	<6	<0.20	<50	39	3.1	9.5	<10	136.0
R2 C-KA 109R		<2	<100	350	<2.5	<5	0.18	<50	<10	8.1	8.3	<10	125.0
R2 C-KA 110R		<2	<100	220	<0.6	<2	0.15	<50	<10	2.5	5.7	<10	32.0
R2 C-KA 111R		4	<100	55	<0.5	6	0.16	<50	220	2.4	2.0	<10	3.0
R2 C-KA 112R		7	<100	59	<0.5	<2	2.80	<50	<10	0.3	29.0	<10	13.0
R2 C-KA 113R		<2	<100	80	<0.5	17	0.07	<50	<10	2.0	1.6	<10	7.9
R2 C-KA 114R		<2	<100	15	<0.5	<2	0.19	<50	<10	0.2	1.1	<10	3.7
R2 C-KA 115R		<2	<100	12	<0.5	<2	1.60	170	<10	0.2	28.0	<10	3.3
R2 C-KA 116R		13	<100	95	<0.5	<2	0.25	<50	74	<0.2	1.6	<10	13.0
R2 C-KA 117R		12	<100	73	<0.5	6	0.29	<50	11	0.6	0.8	<10	8.4
R2 C-KA 118R		<2	<100	11	<0.5	<2	0.16	<50	<10	0.4	1.5	<10	1.6
R2 C-KA 119R		15	<100	40	<0.5	<2	0.39	<50	72	0.9	7.4	<10	4.7
R2 C-KA 120R		17	<100	120	0.6	<2	0.10	<50	230	0.3	2.9	<10	13.0
R2 C-KA 121R		10	<100	34	<0.5	<2	0.12	<50	54	0.4	<0.5	<10	5.9
R2 C-KA 123R		5	<100	19	<0.5	<2	0.20	<50	28	0.4	3.6	<10	3.1
R2 C-KA 124R		12	<100	89	<0.5	<2	3.00	<50	110	1.5	4.7	<10	11.0
R2 C-KA 125R		18	<100	150	0.5	<2	2.20	<50	110	0.4	1.6	<10	18.0
R2 C-KA 126R		11	<100	100	<0.5	7	2.60	<50	71	0.5	4.7	<10	14.0
R2 C-KA 127R		6	<100	61	<0.5	<2	0.75	<50	68	0.4	6.2	<10	7.8
R2 C-KA 128R		<2	<100	270	<1.4	<2	0.16	<50	<10	1.5	4.2	<10	42.0
R2 C-KA 129R		3	<100	49	<0.5	<2	0.21	<50	41	0.4	1.2	<10	8.2
R2 C-KA 129RA		10	<100	89	<0.5	<2	4.00	<50	110	0.8	7.4	<10	12.0
R2 C-KA 130R		3	<100	27	<0.5	<2	0.33	<50	20	0.3	1.8	<10	3.4
R2 C-KA 131R		<2	<100	10	<0.5	<2	0.18	850	40	1.1	15.0	<10	2.0
R2 C-KA 132R		12	<100	110	<0.5	<2	0.23	<50	67	0.4	10.0	<10	14.0
R2 C-KA 133R		27	<100	190	<0.5	<2	1.40	<50	130	<0.2	1.3	<10	21.0
R2 C-KA 134R		12	<100	60	<0.5	<2	0.12	<50	120	1.5	14.0	<10	10.0
R2 H-KA 1R		5	<100	140	<0.5	<2	3.60	<50	340	<0.2	4.6	<10	8.6
R2 H-KA 2R		3	<100	200	<0.5	<2	2.90	<50	210	0.5	9.1	<10	7.1
R2 H-KA 3R		6	<100	150	<0.5	28	2.00	<50	190	0.3	10.0	<10	6.6
R2 H-KA 4R		4	<100	470	<0.5	<2	4.70	<50	200	0.2	5.0	<10	15.0
R2 H-KA 5R		<2	<100	160	<0.5	27	1.10	<50	270	<0.2	7.5	<10	17.0
R2 H-KA 6R		19	<100	589	<0.5	<2	2.80	<50	180	0.3	6.9	<10	20.0
R2 H-KA 7R		<2	<100	440	<1.4	<2	<0.05	<50	<10	0.9	7.2	<10	129.0
R2 H-KA 8F		<2	<100	32	<0.5	14	0.14	84	27	3.3	0.7	<10	4.6
R2 H-KA 8R		11	<100	1140	0.7	<5	<0.26	<50	150	0.8	4.3	<10	295.0

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PROJECT: 108 KECHIKA PAGE 4C

SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Ta PPM	Tb PPM	Te PPM	Th PPM	U PPM	W PPM	Yb PPM	Zn PPM	Zr PPM	Y PPM
R2 C-KA 104R		<200	<1	7	<21	464.0	1.6	4	<17	<200	790	125
R2 C-KA 105R		<200	<1	8	<20	247.0	9.1	8	<16	<200	<500	270
R2 C-KA 106R		<560	1	56	<56	1670.0	56.5	<4	<160	<200	1500	2100
R2 C-KA 107R		<200	7	25	<20	700.0	4.6	17	<25	<200	840	530
R2 C-KA 108R		<490	2	64	<53	1050.0	12.0	<7	<110	<200	1500	1500
R2 C-KA 109R		<200	<1	22	<41	641.0	0.9	<4	<29	<200	1900	470
R2 C-KA 110R		<200	<1	4	<20	134.0	4.1	<2	<6	<200	<500	74
R2 C-KA 111R		<200	10	<1	<20	30.0	1.6	4	<5	<200	<500	15
R2 C-KA 112R		<200	5	2	<20	9.4	1.7	<2	<5	<200	<500	14
R2 C-KA 113R		<200	<1	2	<20	4.6	1.5	<2	<5	<200	<500	44
R2 C-KA 114R		<200	<1	<1	<20	7.9	0.6	<2	<5	<200	<500	<5
R2 C-KA 115R		<200	<1	<1	<20	3.1	0.6	<2	<5	<200	<500	<5
R2 C-KA 116R		<200	13	2	<20	44.0	7.1	5	<5	<200	<500	47
R2 C-KA 117R		<200	16	<1	<20	47.0	11.0	6	<5	<200	<500	12
R2 C-KA 118R		<200	<1	<1	<20	2.3	0.9	<2	<5	<200	<500	<5
R2 C-KA 119R		<200	1	<1	<20	13.0	3.8	26	<5	<200	560	7
R [illegible]KA 120R		<200	13	2	<20	47.0	4.5	6	7	<200	<500	64
R2 C-KA 121R		<200	22	2	<20	52.6	13.0	6	6	<200	<500	45
R2 C-KA 123R		<200	2	<1	<20	9.1	3.3	<2	<5	<200	<500	<5
R2 C-KA 124R		<200	8	1	<20	25.0	7.4	8	<5	<200	700	24
R2 C-KA 125R		<200	16	2	<20	36.0	8.2	9	6	<200	<500	63
R2 C-KA 126R		<200	6	1	<20	22.0	8.7	9	<5	<200	<500	31
R2 C-KA 127R		<200	5	1	<20	20.0	3.3	<2	<5	<200	<500	17
R2 C-KA 128R		<200	<1	8	<20	212.0	7.2	<2	<14	<200	<500	200
R2 C-KA 129R		<200	6	<1	<20	43.0	5.3	9	<5	<200	<500	7
R2 C-KA 129RA		<200	7	1	<20	22.0	3.9	16	<5	<200	<500	27
R2 C-KA 130R		<200	2	<1	<20	6.8	5.7	3	<5	<200	<500	<5
R2 C-KA 131R		<200	<1	<1	<20	1.9	<0.5	8	<5	<200	<500	<5
R2 C-KA 132F		<200	6	2	<20	28.0	5.3	<2	<5	<200	510	25
R2 C-KA 133R		<200	22	3	<20	38.0	9.3	3	7	<200	1200	65
R2 C-KA 134R		<200	1	2	<20	20.0	3.1	2	<5	<200	540	30
R2 H-KA 1R		<200	9	<1	<20	24.0	7.3	3	<5	<200	<500	45
R2 H-KA 2R		<200	5	<1	<20	34.0	8.8	5	<5	<200	<500	34
R2 H-KA 3R		<200	2	<1	<20	27.0	3.2	<2	<5	<200	<500	33
R2 H-KA 4R		<200	8	2	<20	74.3	12.0	<2	<5	280	1200	75
R2 H-KA 5R		<200	5	2	<20	101.0	2.7	10	<5	<200	<500	40
R2 H-KA 6R		<200	9	2	<20	107.0	31.0	3	<8	<200	2000	86
R[illegible] KA 7R		<200	2	12	<20	606.0	4.5	16	<10	<200	690	82
R[illegible] KA 8F		<200	<1	1	<20	26.0	0.9	39	<5	<200	<500	46
R2 H-KA 8R		<200	<1	31	<20	1790.0	6.6	<8	<5	<200	2500	110

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Geochemical Lab Report

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PROJECT: 108 KECHTKA PAGE 5A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cs PPM	Eu PPM	Fe PCT
R2 H-KA 9R		<11	<5	13	<100	1	<10	820	<10	140	<1	31	4.6
R2 H-KA 10R		<25	<5	20	<220	<3	<22	1160	<10	290	<1	50	4.1
R2 H-KA 10RA		<5	7	12	<100	1	<10	500	11	110	<1	17	2.8
R2 H-KA 11R		<20	<5	10	<100	3	<10	2040	<10	130	1	86	3.6

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PROJECT: 108 KECHIKA PAGE 5B

SAMPLE NUMBER	ELEMENT UNITS	Hf PPM	Ir PPB	La PPM	Lu PPM	Mo PPM	Na PCT	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sm PPM
R2 H-KA 9R		<2	<100	603	<1.6	<6	0.26	<50	18	2.6	5.5	<10	174.0
R2 H-KA 10R		7	<100	1170	<1.8	<10	<0.26	<50	<32	2.7	6.7	<10	329.0
R2 H-KA 10RA		2	<100	320	0.8	<2	0.16	<50	<10	0.8	5.8	<10	121.0
R2 H-KA 11R		<2	<100	1400	<1.7	<7	<0.34	<50	60	0.9	3.0	<10	436.0

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PROJECT: 108 KECHIKA PAGE 5C

SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Ta PPM	Tb PPM	Te PPM	Th PPM	U PPM	W PPM	Yb PPM	Zn PPM	Zr PPM	Y PPM
R2 H-KA 9R		<200	1	12	<20	1030.0	3.0	17	<20	<200	1300	135
R2 H-KA 10R		<430	<1	28	<62	1480.0	6.5	11	<24	<200	1700	270
R2 H-KA 10RA		<200	<1	12	<20	449.0	2.7	<2	10	<200	580	160
R2 H-KA 11R		<200	<1	38	<20	2150.0	4.4	<10	<9	<200	1400	200

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OCT - 7 1988

Kechika

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Geochemical Lab Report

REPORT: V88-08115.0 (PARTIAL)

REFERENCE INFO:

CLIENT: BOUNDARY DRILLING LTD.
PROJECT: 108 KECHIKA

SUBMITTED BY: UNKNOWN
DATE PRINTED: 6-OCT-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Y	Yttrium	164	5 PPM		X-RAY Fluorescence

RESULTS TO FOLLOW FOR: Ag As Au Ba Br Cd Ce Co Cr Cs Eu Fe Hf Ir La Lu Mo Na Ni
Rb Sb Sc Se Sm Sn Ta Tb Te Th U W Yb Zn Zr

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
S SOILS	11	1 -80	11	CRUSH,PULVERIZE -150	153
R ROCK OR BED ROCK	153	2 -150	153		

NOTES: ▫ indicates SEE REMARKS

REMARKS: = INTERFERENCE NOTED DUE TO THORIUM OR IRON

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PROJECT: 108 KECHIKA PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Y PPM	SAMPLE NUMBER	ELEMENT UNITS	Y PPM
S1 C-KA 2T		45	R2 C-KA 31R		<5
S1 C-KA 5T		23	R2 C-KA 32R		10
S1 C-KA 11T		60	R2 C-KA 33R		<5
S1 C-KA 12T		31	R2 C-KA 34R		22
S1 C-KA 15T		35	R2 C-KA 36R		<5
S1 C-KA 26S		28	R2 C-KA 37R		58
S1 C-KA 35T		38	R2 C-KA 38R		49
S1 C-KA 37S		23	R2 C-KA 39R		<5
S1 C-KA 46S		18	R2 C-KA 40R		58
S1 C-KA 50S		8900=	R2 C-KA 41R		6
S1 C-KA 67S		193=	R2 C-KA 42R		48
R2 C-KA 1R		33	R2 C-KA 43R		68
R2 C-KA 2R		39	R2 C-KA 44R		<5
R2 C-KA 3R		6	R2 C-KA 45R		<5
R2 C-KA 4R		<5	R2 C-KA 47R		100
R2 C-KA 6R		59	R2 C-KA 48R		190
R2 C-KA 7R		62	R2 C-KA 48RA		104=
R2 C-KA 8R		57	R2 C-KA 49R		84
R2 C-KA 9R		48	R2 C-KA 49RA		11
R2 C-KA 10R		<5	R2 C-KA 49RB		81
R2 C-KA 12R		<5	R2 C-KA 50R		616
R2 C-KA 13R		33	R2 C-KA 50RA		110
R2 C-KA 14R		11	R2 C-KA 51R		812
R2 C-KA 14RA		15	R2 C-KA 52R		32
R2 C-KA 16R		18	R2 C-KA 53R		44
R2 C-KA 17R		19	R2 C-KA 54R		<5
R2 C-KA 18R		15	R2 C-KA 55R		65
R2 C-KA 19R		81	R2 C-KA 56R		120
R2 C-KA 20R		38	R2 C-KA 57R		51
R2 C-KA 20RA		26	R2 C-KA 58R		110
R2 C-KA 21R		28	R2 C-KA 58A		18
R2 C-KA 22R		31	R2 C-KA 59R		1100
R2 C-KA 23R		110	R2 C-KA 60R		45
R2 C-KA 24R		<5	R2 C-KA 61R		36
R2 C-KA 25R		<5	R2 C-KA 62R		<5
R2 C-KA 26R		<5	R2 C-KA 63R		63
R2 C-KA 27R		11	R2 C-KA 64R		61
R2 C-KA 28R		69	R2 C-KA 65R		52
R2 C-KA 28RA		7	R2 C-KA 66R		32
R2 C-KA 29R		<5	R2 C-KA 67R		53

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Geochemical Lab Report

REPORT: V88-08115.0

PROJECT: 108 KECHIKA PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Y PPM	SAMPLE NUMBER	ELEMENT UNITS	Y PPM
R2 C-KA 69R		110	R2 C-KA 104R		125
R2 C-KA 70F		92	R2 C-KA 105R		270
R2 C-KA 71F		6	R2 C-KA 106R		2100
R2 C-KA 72F		17	R2 C-KA 107R		530
R2 C-KA 73R		63	R2 C-KA 108R		1500
R2 C-KA 73RA		110	R2 C-KA 109R		470
R2 C-KA 74R		37	R2 C-KA 110R		74
R2 C-KA 75R		580	R2 C-KA 111R		15
R2 C-KA 76R		<5	R2 C-KA 112R		14
R2 C-KA 77F		605	R2 C-KA 113R		44
R2 C-KA 78R		170	R2 C-KA 114R		<5
R2 C-KA 78RA		125	R2 C-KA 115R		<5
R2 C-KA 79R		160	R2 C-KA 116R		47
R2 C-KA 79RA		180	R2 C-KA 117R		12
R2 C-KA 80R		26	R2 C-KA 118R		<5
R2 C-KA 81F		52	R2 C-KA 119R		7
R2 C-KA 82F		130	R2 C-KA 120R		64
R2 C-KA 83F		66	R2 C-KA 121R		45
R2 C-KA 84F		580	R2 C-KA 123R		<5
R2 C-KA 85F		44	R2 C-KA 124R		24
R2 C-KA 85FA		12=	R2 C-KA 125R		63
R2 C-KA 86F		279	R2 C-KA 126R		31
R2 C-KA 87F		441	R2 C-KA 127R		17
R2 C-KA 88F		120	R2 C-KA 128R		200
R2 C-KA 89F		6	R2 C-KA 129R		7
R2 C-KA 90F		100	R2 C-KA 129RA		27
R2 C-KA 91F		1750	R2 C-KA 130R		<5
R2 C-KA 92R		53	R2 C-KA 131R		<5
R2 C-KA 93R		44	R2 C-KA 132F		25
R2 C-KA 94F		445	R2 C-KA 133R		65
R2 C-KA 95F		1300	R2 C-KA 134R		30
R2 C-KA 96F		81	R2 H-KA 1R		45
R2 C-KA 97F		20	R2 H-KA 2R		34
R2 C-KA 98R		48	R2 H-KA 3R		33
R2 C-KA 99F		<5	R2 H-KA 4R		75
R2 C-KA 99FA		<5	R2 H-KA 5R		40
R2 C-KA 100F		1400	R2 H-KA 6R		86
R2 C-KA 101F		48	R2 H-KA 7R		82
R2 C-KA 102R		140	R2 H-KA 8F		46
R2 C-KA 103R		33	R2 H-KA 8R		110

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Geochemical Lab Report

REPORT: V88-08115.0

PROJECT: 108 KECHIKA PAGE 3

SAMPLE NUMBER	ELEMENT UNITS	Y PPM	SAMPLE NUMBER	ELEMENT UNITS	Y PPM
R2 H-KA 9R		135			
R2 H-KA 10R		270			
R2 H-KA 10RA		160			
R2 H-KA 11R		200			

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BOUNDARY DRILLING LTD.
FORMOSA RESOURCES CORP.
#400-355 BURRARD ST.
VANCOUVER, B.C.
V6C 2G8

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Geochemical Lab Report

REPORT: V88-08116.0 (COMPLETE)

REFERENCE INFO:

CLIENT: BOUNDARY DRILLING LTD.
PROJECT: NONE GIVEN

SUBMITTED BY: UNKNOWN
DATE PRINTED: 30-SEP-88

ORDER	ELEMENT		NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold - Fire Assay	16	5 PPB	FIRE-ASSAY	Fire Assay AA

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	16	2 -150	16	CRUSH,PULVERIZE -150	16

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Geochemical Lab Report

REPORT: V88-08116.0

PROJECT: NONE GIVEN PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au PPB
R2 C-BP 1		13
R2 C-BP 2		17
R2 C-BP 3		7
R2 C-BP 4		5
R2 C-BP 5		7
R2 C-BP 6		15
R2 C-BP 7		13
R2 C-BP 8		12
R2 C-BP 9		5
R2 C-BP 10		<5
R2 C-BP 11		9
R2 C-BP 12		16
R2 C-BP 13		10
R2 C-BP 14		18
R2 C-BP 15		<5
R2 C-BP 16		6

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BOUNDARY DRILLING LTD.
MR. DOUG LEIGHTON
3155 WEST 12th AVENUE
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Geochemical Lab Report

REPORT: V88-08770.0 (COMPLETE)

REFERENCE INFO:

CLIENT: BOUNDARY DRILLING LTD.
PROJECT: NONE GIVEN

SUBMITTED BY: UNKNOWN
DATE PRINTED: 4-NOV-88

ORDER		ELEMENT	NUMBER OF ANALYSES	LOWER DETECTION LIMIT	EXTRACTION	METHOD
1	Au	Gold	92	5 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
2	Ag	Silver	92	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
3	As	Arsenic	92	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
4	Ba	Barium	92	100 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
5	Br	Bromine	92	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
6	Cd	Cadmium	92	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
7	Ce	Cerium	92	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
8	Co	Cobalt	92	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
9	Cr	Chromium	92	50 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
10	Cs	Cesium	92	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
11	Eu	Europium	92	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
12	Fe	Iron	92	0.5 PCT	NOT APPLICABLE	INST. NEUTRON ACTIV.
13	Hf	Hafnium	92	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
14	Ir	Iridium	92	100 PPB	NOT APPLICABLE	INST. NEUTRON ACTIV.
15	La	Lanthanum	92	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
16	Lu	Lutetium	92	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
17	Mo	Molybdenum	92	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
18	Na	Sodium	92	0.05 PCT	NOT APPLICABLE	INST. NEUTRON ACTIV.
19	Ni	Nickel	92	50 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
20	Rb	Rubidium	92	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
21	Sb	Antimony	92	0.2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
22	Sc	Scandium	92	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
23	Se	Selenium	92	10 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
24	Sm	Samarium	92	0.1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
25	Sn	Tin	92	200 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
26	Ta	Tantalum	92	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
27	Tb	Terbium	92	1 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
28	Te	Tellurium	92	20 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
29	Th	Thorium	92	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
30	U	Uranium	92	0.5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
31	W	Tungsten	92	2 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
32	Yb	Ytterbium	92	5 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
33	Zn	Zinc	92	200 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
34	Zr	Zirconium	92	500 PPM	NOT APPLICABLE	INST. NEUTRON ACTIV.
35	Y	Yttrium	92	5 PPM		X-RAY Fluorescence

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Geochemical Lab Report

REPORT: V88-08770.0 (COMPLETE)

REFERENCE INFO:

CLIENT: BOUNDARY DRILLING LTD.
PROJECT: NONE GIVEN

SUBMITTED BY: UNKNOWN
DATE PRINTED: 4-NOV-88

SAMPLE TYPES	NUMBER	SIZE FRACTIONS	NUMBER	SAMPLE PREPARATIONS	NUMBER
R ROCK OR BED ROCK	92	2 -150	92	CRUSH,PULVERIZE -150	92
				OVERWEIGHT SAMPLE/LB	710

REMARKS: ANALYSIS DIFFICULT DUE TO HIGH LEVELS
OF REE'S (ESP. Th).
RESULTS POOR FOR Lu, Sn, Yb AND Zr IN
THESE SAMPLES.

REPORT COPIES TO: MR. DOUG LEIGHTON

INVOICE TO: MR. DOUG LEIGHTON

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Geochemical Lab Report

REPORT: V88-08770.0 | PROJECT: NONE GIVEN | PAGE 1A

SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cs PPM	Eu PPM	Fe PCT
R2 037101		6	<5	13	130	<1	<10	65	46	<50	<1	3	8.5
R2 037102		10	<5	10	5200	<1	<10	92	<10	74	<1	4	2.7
R2 037103		23	<5	24	1400	<2	<10	800	<10	<50	<1	170	2.1
R2 037104		8	<5	11	2000	<1	<10	290	<10	77	<1	41	2.4
R2 037105		<5	<5	7	2300	<1	<10	84	<10	87	<1	3	1.1
R2 037106		14	<5	5	7300	1	<10	1430	<10	160	<1	47	4.0
R2 037107		15	<5	3	7500	<1	<10	1370	<10	120	<1	42	3.9
R2 037108		<5	<5	1	380	<1	<10	170	<10	61	1	3	<0.5
R2 037109		<5	<5	6	280	<1	<10	170	<10	<50	<1	4	2.7
R2 037110		<5	<5	5	1500	<1	<10	120	<10	81	<1	<2	1.8
R2 037111		21	<5	19	1400	<2	<10	840	<10	<50	<1	150	1.7
R2 037112		<20	<5	23	860	2	<10	930	10	<50	<1	180	2.2
R2 037113		19	<5	23	1500	<1	<10	310	<10	66	<1	56	2.6
R2 037114		<33	<12	42	3500	<4	<25	1570	34	<150	<2	269	2.8
R2 037115		<13	<5	14	2100	<1	<10	580	14	<50	<1	100	1.9
R2 037116		16	<5	15	5000	2	<10	620	13	170	<1	45	5.8
R2 037117		10	<5	15	1200	<1	<10	100	<10	120	<1	13	1.1
R2 037118		140	<5	10	270	<1	<10	420	12	120	<1	8	3.4
R2 037119		25	<5	9	470	<1	<10	<28	<10	120	<1	16	1.4
R2 037120		49	<5	22	1200	<1	<10	220	<10	140	<1	11	1.8
R2 037121		29	<5	6	540	<1	<10	310	<10	110	<1	13	2.2
R2 037122		140	<5	16	960	<1	<10	81	42	360	1	<2	5.6
R2 037123		46	<5	8	1700	<1	<10	110	<10	110	<1	8	1.5
R2 037124		24	<5	9	3800	<1	<10	310	<10	140	<1	11	6.0
R2 037125		19	<5	15	2700	2	<10	1320	<10	130	<1	64	6.2
R2 037126		20	<5	10	310	<1	<10	41	55	590	2	<2	8.4
R2 037127		41	<5	5	400	<1	<10	36	41	370	<1	<2	6.6
R2 037128		13	<5	7	1800	<1	<10	24	<10	92	<1	<2	3.7
R2 037129		20	<5	70	530	<1	<10	42	53	410	<1	<2	5.2
R2 037130		6	<5	80	750	<1	<10	38	79	710	<1	<2	5.9
R2 037131		14	<5	12	410	<1	<10	360	<10	170	<1	16	8.0
R2 037132		11	<5	13	220	<1	<10	100	<10	120	<1	2	2.0
R2 037133		22	<5	8	360	<1	<10	27	<10	75	<1	<2	1.9
R2 037134		20	<5	8	240	<1	<10	190	<10	150	<1	10	1.1
R2 037135		<5	<5	21	1800	<1	<10	370	27	520	<1	8	3.9
R2 037136		21	<5	15	450	<1	<10	59	19	210	<1	16	1.3
R2 037137		<5	<5	4	9000	2	<10	1020	17	130	<1	<4	7.9
R2 088K-01		7	<5	8	650	<1	<10	110	<10	73	<1	8	2.1
R2 088K-02		<5	<5	7	750	<1	<10	450	<10	120	<1	7	6.1
R2 088K-03		<5	<5	10	3100	<1	<10	230	<10	170	<1	13	2.7

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Geochemical Lab Report

REPORT: V88-08770.0 | PROJECT: NONE GIVEN | PAGE 1B

SAMPLE NUMBER	ELEMENT UNITS	Hf PPM	Ir PPB	La PPM	Lu PPM	Mo PPM	Na PCT	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sm PPM
R2 037101		5	<100	39	<0.5	<2	3.10	<50	<10	0.9	24.0	<10	7.0
R2 037102		3	<100	61	<0.5	17	0.24	<50	190	1.3	4.8	<10	19.0
R2 037103		<2	<100	170	<18.0	<6	0.19	67	65	0.8	3.8	<10	458.0
R2 037104		3	<100	110	<4.1	<2	0.14	<50	100	0.4	6.5	<10	109.0
R2 037105		3	<100	55	<0.5	<2	0.10	<50	120	0.6	1.2	<10	12.0
R2 037106		3	<100	683	<1.3	<2	0.22	<50	54	0.5	14.0	<10	206.0
R2 037107		<2	<100	662	<1.3	<2	0.18	<50	48	0.5	14.0	<10	201.0
R2 037108		5	<100	120	<0.5	<2	0.14	<50	140	0.3	2.3	<10	17.0
R2 037109		3	<100	120	<0.5	<2	0.22	<50	190	0.4	3.7	<10	28.0
R2 037110		2	<100	100	<0.5	<2	0.20	<50	230	1.0	5.1	<10	7.2
R2 037111		<2	<100	170	<19.0	<5	0.13	<50	65	0.4	10.0	<10	398.0
R2 037112		<2	<100	200	<22.0	<7	0.11	56	64	0.3	15.0	<10	501.0
R2 037113		4	<100	87	<6.4	<2	0.14	<50	72	1.1	5.1	<10	145.0
R2 037114		<5	<100	360	<50.0	<11	<0.12	<56	40	0.6	13.0	<23	748.0
R2 037115		2	<100	140	<14.0	<4	<0.05	<50	88	0.4	10.0	<10	285.0
R2 037116		<2	<100	350	<3.1	<2	0.13	<50	59	0.6	8.4	<10	156.0
R2 037117		4	<100	100	<0.9	<2	0.11	<50	110	1.3	1.3	<10	59.1
R2 037118		6	<100	430	<0.5	5	0.13	<50	120	0.9	2.2	<10	50.0
R2 037119		4	<100	71	<1.7	<2	0.10	<50	96	1.2	1.4	<10	70.3
R2 037120		<2	<100	180	<0.5	<2	0.15	<50	150	1.3	1.6	<10	65.5
R2 037121		3	<100	250	<0.5	<2	0.14	<50	150	0.6	1.6	<10	70.6
R2 037122		3	<100	56	<0.5	<2	0.09	99	130	1.6	23.0	<10	6.8
R2 037123		5	<100	77	<1.5	3	0.09	<50	100	0.7	3.7	<10	19.0
R2 037124		3	<100	260	<1.9	<2	0.11	<50	15	0.6	6.4	<10	41.0
R2 037125		<2	<100	701	<3.7	<2	<0.05	<50	<10	0.8	8.3	<10	219.0
R2 037126		3	<100	36	<0.5	<2	2.00	150	37	1.0	46.0	<10	7.6
R2 037127		3	<100	23	<0.5	<2	1.30	120	76	1.3	35.0	<10	4.8
R2 037128		<2	<100	17	<0.5	<2	0.13	<50	70	0.4	3.3	<10	3.9
R2 037129		3	<100	27	<0.5	<2	0.13	270	80	3.0	10.0	<10	5.7
R2 037130		3	<100	22	<0.5	<2	0.14	410	84	3.8	15.0	<10	5.5
R2 037131		5	<100	410	<2.9	<2	0.09	<50	18	0.3	5.5	<10	48.0
R2 037132		<2	<100	63	<0.5	<2	0.13	<50	81	0.6	3.8	<10	11.0
R2 037133		3	<100	16	<0.5	2	0.09	<50	89	1.0	1.2	<10	3.3
R2 037134		3	<100	160	<0.7	<2	0.12	<50	110	0.9	1.1	<10	46.0
R2 037135		5	<100	310	<0.5	<2	0.10	100	130	3.8	30.0	<10	37.0
R2 037136		<2	<100	80	<1.8	<2	0.09	<50	110	3.2	2.2	<10	60.0
R2 037137		8	<100	1170	<0.5	<2	0.08	<50	<10	0.3	1.8	13	32.0
R2 A88K-01		3	<100	90	<0.8	<2	0.11	<50	100	0.6	2.7	<10	30.0
R2 A88K-02		4	<100	330	<0.5	<2	0.14	<50	85	0.4	7.2	<10	20.0
R2 A88K-03		2	<100	190	<1.2	<2	0.08	<50	64	0.7	2.8	<10	38.0

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Geochemical Lab Report

REPORT: V88-08770.0 | PROJECT: NONE GIVEN | PAGE 1C

SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Ta PPM	Tb PPM	Te PPM	Th PPM	U PPM	W PPM	Yb PPM	Zn PPM	Zr PPM	Y PPM
R2 037101		<200	4	1	<20	5.7	1.2	<2	<5	<200	710	11
R2 037102		<200	6	3	<20	355.0	9.0	6	5	<200	<500	28
R2 037103		<3300	2	238	<20	>3000.0	48.0	<7	140	<420	<5100	5100
R2 037104		<780	4	57	<20	766.0	12.0	<2	46	<200	<1300	1400
R2 037105		<200	3	2	<20	55.3	0.7	2	<5	<200	<500	28
R2 037106		<340	1	25	<20	1290.0	4.5	4	<21	<200	<1800	400
R2 037107		<200	<1	25	31	1240.0	4.5	<2	<21	<200	<1100	395
R2 037108		<200	5	<1	<20	74.1	0.8	11	<5	<200	<500	6
R2 037109		<200	2	2	<20	145.0	0.8	<2	<5	<200	<500	23
R2 037110		<200	7	1	<20	42.0	1.0	16	<5	<200	<500	17
R2 037111		<3200	3	219	<48	2600.0	43.0	<7	170	<200	<5500	5300
R2 037112		<3900	3	269	<43	>3000.0	38.0	<9	210	<440	<5700	6300
R2 037113		<1200	2	83	<20	1080.0	21.0	<2	71	<200	<1600	2200
R2 037114		<6500	3	427	<100	>3000.0	94.4	<14	<280	<660	<8700	8900
R2 037115		<2500	3	159	<20	2080.0	34.0	<6	130	<200	<3300	4000
R2 037116		<810	7	57	<20	907.0	9.2	45	41	<200	<1600	1200
R2 037117		<200	2	17	<20	299.0	4.9	<2	16	<200	<610	435
R2 037118		<200	1	3	<20	237.0	2.1	3	8	<200	<500	26
R2 037119		<200	1	27	<20	365.0	10.0	<2	25	<200	<500	810
R2 037120		<200	2	5	<20	325.0	2.1	3	7	<200	<500	48
R2 037121		<200	<1	5	<20	384.0	1.6	<2	8	<200	<500	32
R2 037122		<200	5	1	<20	14.0	2.4	16	<5	<200	<500	14
R2 037123		<200	4	10	<20	180.0	5.0	8	17	<200	<500	370
R2 037124		<200	<1	7	<20	161.0	1.5	3	22	<200	<500	235
R2 037125		<560	<1	41	<20	950.0	13.0	<4	45	<200	<1600	1100
R2 037126		<200	2	1	<20	14.0	0.9	3	<5	<200	<500	15
R2 037127		<200	2	<1	<20	7.2	1.0	<2	<5	<200	<500	7
R2 037128		<200	2	<1	<20	17.0	<0.5	3	<5	<200	<500	<5
R2 037129		<200	3	1	<20	30.0	0.8	17	<5	<200	<500	13
R2 037130		<200	3	<1	<20	26.0	1.1	21	<5	<200	<500	21
R2 037131		<200	<1	21	<20	368.0	5.1	<2	38	<200	<1000	615
R2 037132		<200	2	1	<20	70.9	0.5	<2	<5	<200	<500	10
R2 037133		<200	3	<1	<20	20.0	<0.5	3	<5	<200	<500	<5
R2 037134		<200	3	11	<20	262.0	2.6	5	12	<200	<500	260
R2 037135		<200	6	4	<20	19.0	7.6	24	<5	<200	<930	58
R2 037136		<200	4	24	<20	351.0	4.8	<2	26	<200	<690	645
R2 037137		<200	<1	3	<20	158.0	<0.5	<2	<5	<200	<500	13
R2 A88K-01		<200	2	10	<20	181.0	1.8	3	10	<200	<500	255
R2 A88K-02		<200	2	2	<20	107.0	<0.5	3	<5	<200	<500	14
R2 A88K-03		<200	2	10	<20	254.0	2.7	<2	14	<200	<500	260

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SAMPLE NUMBER	ELEMENT UNITS	Au PPB	Ag PPM	As PPM	Ba PPM	Br PPM	Cd PPM	Ce PPM	Co PPM	Cr PPM	Cs PPM	Eu PPM	Fe PCT
R2 A88K-04		57	<5	9	480	<1	<10	69	<10	96	<1	19	3.6
R2 A88K-05		11	<5	10	1600	<1	<10	270	<10	120	<1	14	3.1
R2 A88K-06		<5	<5	5	950	<1	<10	110	<10	120	<1	<2	2.8
R2 A88K-07		<5	<5	5	510	<1	<10	110	<10	88	<1	3	3.0
R2 A88K-08		23	<5	17	1100	<1	<10	220	<10	150	<1	13	3.9
R2 A88K-09		<5	<5	11	470	<1	<10	140	<10	120	<1	12	3.1
R2 A88K-10		8	<5	9	690	<1	<10	120	<10	85	<1	3	2.6
R2 A88K-11		<5	<5	7	420	<1	<10	94	<10	66	<1	3	2.8
R2 A88K-12		<5	<5	12	3400	<1	<10	65	<10	150	<1	15	2.4
R2 A88K-13		5	<5	11	4300	<1	<10	92	<10	91	<1	3	2.6
R2 A88K-14		12	<5	15	1200	<1	<10	76	<10	140	<1	19	2.5
R2 A88K-15		<5	<5	11	14100	<1	<10	140	<10	80	<1	5	2.4
R2 A88K-16		5	<5	11	2600	<1	<10	96	<10	82	<1	2	2.6
R2 A88K-17		<5	<5	19	3700	<1	<10	89	11	110	<1	<2	2.6
R2 A88K-18A		<5	<5	12	2800	<1	<10	84	<10	100	<1	10	2.4
R2 A88K-18B		<5	7	8	380	<1	<10	480	<10	120	<1	10	4.0
R2 A88K-19		<5	<5	7	8800	<1	<10	230	<10	110	<1	4	2.5
R2 A88K-20		9	<5	8	370	<1	<10	160	<10	110	<1	7	1.6
R2 A88K-21		15	<5	11	400	1	<10	310	<10	150	<1	55	1.1
R2 A88K-22		<5	<5	4	760	<1	<10	130	<10	86	<1	3	2.1
R2 A88K-23		6	<5	6	1900	<1	<10	140	<10	66	<1	5	3.2
R2 A88K-24		6	<5	8	2200	<1	<10	170	<10	130	<1	7	2.1
R2 A88K-25		<5	<5	3	140	<1	<10	73	<10	110	<1	4	3.7
R2 A88K-26		<5	<5	5	1900	<1	<10	170	<10	140	<1	7	3.1
R2 A88K-27		9	<5	4	20000	<1	<10	180	<10	99	<1	6	2.1
R2 A88K-28		9	<5	6	4100	<1	<10	390	<10	190	<1	11	4.7
R2 A88K-29		16	<5	8	12600	<1	<10	1110	<10	170	<1	33	5.3
R2 A88K-30		5	<5	10	610	<1	<10	82	<10	170	<1	<2	1.9
R2 A88K-31		10	<5	19	2100	<1	<10	280	<10	170	<1	10	1.9
R2 A88K-32		<5	<5	22	>30000	<1	<10	360	<10	110	<1	18	3.7
R2 A88K-33		<5	<5	6	600	<1	<10	190	<10	<50	<1	6	2.0
R2 A88K-34		8	<5	13	2500	<1	<10	200	<10	120	<1	9	1.8
R2 A88K-35		15	<5	9	7400	<1	<10	56	<10	95	<1	10	1.2
R2 A88K-36		<5	<5	6	7000	<1	<10	140	<10	120	<1	4	1.5
R2 A88K-37		30	<5	11	1400	<1	<10	<46	17	180	<1	32	1.4
R2 A88K-38		<5	<5	11	1100	<1	<10	67	<10	140	<1	16	2.3
R2 A88K-39		25	<5	17	1200	<1	<10	<54	14	200	<1	33	2.9
R2 A88K-40		<5	<5	9	2400	<1	<10	81	<10	110	<1	<2	2.1
R2 A88K-41		12	<5	11	1400	<1	<10	100	<10	200	<1	6	1.7
R2 A88K-42		12	<5	21	3000	<1	<10	490	14	210	<1	41	5.5

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SAMPLE NUMBER	ELEMENT UNITS	Hf PPM	Ir PPB	La PPM	Lu PPM	Mo PPM	Na PCT	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sm PPM
R2 A88K-04		3	<100	94	<2.4	<2	0.08	<50	83	0.5	6.0	<10	55.0
R2 A88K-05		3	<100	250	<1.2	<2	0.12	<50	110	0.6	4.1	<10	50.6
R2 A88K-06		3	<100	76	<0.5	<2	0.11	<50	88	0.4	3.2	<10	13.0
R2 A88K-07		2	<100	74	<0.5	<2	0.12	<50	92	0.4	3.4	<10	15.0
R2 A88K-08		3	<100	210	<1.5	<2	0.12	<50	120	1.0	5.1	<10	46.0
R2 A88K-09		3	<100	110	<1.8	<2	0.12	<50	81	0.7	4.2	<10	39.0
R2 A88K-10		2	<100	82	<0.5	5	0.12	<50	110	0.4	3.3	<10	14.0
R2 A88K-11		3	<100	67	<0.5	3	0.12	<50	110	0.4	3.0	<10	11.0
R2 A88K-12		3	<100	70	<1.3	<2	0.10	<50	95	0.5	2.7	<10	45.0
R2 A88K-13		3	<100	60	<0.5	7	0.15	<50	140	0.8	3.6	<10	9.2
R2 A88K-14		3	<100	80	<2.3	<2	0.07	<50	71	0.4	2.9	<10	58.3
R2 A88K-15		4	<100	110	<0.5	<2	0.12	<50	130	1.2	3.4	<10	23.0
R2 A88K-16		<2	<100	72	<0.5	3	0.15	<50	160	0.9	4.9	<10	10.0
R2 A88K-17		3	<100	59	<0.5	<2	0.15	<50	170	1.0	5.1	<10	10.0
R2 A88K-18A		3	<100	72	<1.1	4	0.09	<50	91	0.4	2.4	<10	30.0
R2 A88K-18B		9	<100	460	<0.5	17	0.10	<50	120	0.7	2.7	<10	50.9
R2 A88K-19		3	<100	160	<0.5	<2	0.13	<50	120	0.6	3.2	<10	38.0
R2 A88K-20		<2	<100	100	<0.5	<2	0.11	<50	160	0.7	1.7	<10	39.0
R2 A88K-21		4	<100	68	<4.6	<2	0.09	<50	76	1.3	2.2	<10	158.0
R2 A88K-22		3	<100	86	<0.5	<2	0.12	<50	120	0.5	2.2	<10	25.0
R2 A88K-23		3	<100	100	<0.5	<2	0.15	<50	140	0.5	3.6	<10	19.0
R2 A88K-24		3	<100	140	<0.5	<2	0.14	<50	130	0.7	2.8	<10	25.0
R2 A88K-25		<2	<100	52	<0.5	<2	0.10	<50	90	0.5	3.7	<10	16.0
R2 A88K-26		2	<100	110	<0.8	<2	0.12	<50	91	0.7	1.6	<10	33.0
R2 A88K-27		4	<100	110	<0.5	<2	0.15	<50	190	0.4	2.4	<10	28.0
R2 A88K-28		3	<100	320	<0.7	<2	<0.05	<50	18	0.7	6.0	<10	59.1
R2 A88K-29		<2	<100	714	<1.6	<2	<0.11	<50	12	0.5	8.1	<10	130.0
R2 A88K-30		6	<100	66	<0.5	24	0.14	<50	140	0.8	2.3	<10	7.7
R2 A88K-31		5	<100	220	<0.5	<2	0.12	<50	110	1.3	2.7	<10	63.8
R2 A88K-32		<2	<100	280	<0.9	<2	0.13	<50	82	2.8	1.0	<10	89.9
R2 A88K-33		3	<100	120	<0.5	<2	0.16	<50	150	0.6	1.1	<10	38.0
R2 A88K-34		3	<100	130	<0.5	<2	0.12	<50	120	0.8	0.9	<10	43.0
R2 A88K-35		<2	<100	48	<1.2	<2	0.06	<50	79	0.6	0.8	<10	34.0
R2 A88K-36		3	<100	110	<0.5	7	0.08	<50	81	0.3	2.0	<10	24.0
R2 A88K-37		3	<100	77	<4.2	<5	0.10	<50	76	0.4	4.0	<10	114.0
R2 A88K-38		2	<100	67	<2.3	<2	0.09	<50	100	0.4	2.7	<10	76.4
R2 A88K-39		4	<100	84	<6.4	<5	0.05	<50	110	0.4	4.3	<10	127.0
R2 A88K-40		2	<100	53	<0.5	<2	0.09	<50	88	0.4	2.4	<10	12.0
R2 A88K-41		3	<100	73	<0.5	<2	0.05	<50	48	0.9	2.4	<10	25.0
R2 A88K-42		<2	<100	270	<5.9	<2	0.11	<50	15	1.0	8.3	<10	113.0

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SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Ta PPM	Tb PPM	Te PPM	Th PPM	U PPM	W PPM	Yb PPM	Zn PPM	Zr PPM	Y PPM
R2 A88K-04		<200	3	26	<20	343.0	4.9	7	36	<200	<990	765
R2 A88K-05		<200	3	14	<20	270.0	3.0	9	18	<200	<500	360
R2 A88K-06		<200	2	1	<20	79.3	0.8	5	<5	<200	<500	<5
R2 A88K-07		<200	3	3	<20	98.3	1.2	<2	<5	<200	<500	43
R2 A88K-08		<200	3	15	<20	339.0	3.6	10	23	<200	<650	420
R2 A88K-09		<200	3	17	<20	288.0	3.7	9	25	<200	<500	560
R2 A88K-10		<200	3	2	<20	84.1	0.7	5	<5	<200	<500	10
R2 A88K-11		<200	2	<1	<20	67.9	0.6	2	<5	<200	<500	8
R2 A88K-12		<200	3	20	<20	266.0	3.6	2	21	<200	<500	540
R2 A88K-13		<200	4	1	<20	65.8	0.8	11	<5	<200	<500	12
R2 A88K-14		<310	2	29	<20	429.0	7.5	<2	35	<200	<720	810
R2 A88K-15		<200	4	6	<20	152.0	2.0	6	7	<200	<500	160
R2 A88K-16		<200	4	<1	<20	61.3	2.4	8	<5	<200	<500	17
R2 A88K-17		<200	4	1	<20	114.0	1.5	10	<5	<200	<500	18
R2 A88K-18A		<200	3	14	<20	190.0	3.4	<2	14	<200	<500	355
R2 A88K-18B		<200	1	5	<20	245.0	1.8	4	9	<200	<500	41
R2 A88K-19		<200	2	3	<20	206.0	1.2	3	<5	<200	<500	18
R2 A88K-20		<200	2	8	<20	210.0	2.0	4	10	<200	<560	195
R2 A88K-21		<1100	1	76	<20	880.0	28.0	<4	58	<200	<1700	1900
R2 A88K-22		<200	<1	2	<20	117.0	<0.5	<2	<5	<200	<500	24
R2 A88K-23		<200	1	2	<20	91.5	1.2	4	<5	<200	<500	16
R2 A88K-24		<200	2	3	<20	141.0	1.6	4	5	<200	<500	56
R2 A88K-25		<200	1	2	<20	65.8	0.7	<2	<5	<200	<500	15
R2 A88K-26		<200	<1	3	<20	179.0	0.5	<2	10	<200	<500	71
R2 A88K-27		<200	<1	2	<20	158.0	0.9	3	<5	<200	<500	22
R2 A88K-28		<200	<1	6	27	265.0	2.1	3	12	<200	<500	74
R2 A88K-29		<200	<1	17	<20	484.0	5.4	<2	20	<200	<1000	385
R2 A88K-30		<200	4	1	<20	49.0	3.3	7	<5	<200	<500	38
R2 A88K-31		<200	3	5	<20	336.0	1.3	9	10	<200	<500	38
R2 A88K-32		<200	<1	8	<20	444.0	0.9	3	23	<200	<500	155
R2 A88K-33		<200	<1	4	<20	155.0	1.0	<2	6	<200	<500	63
R2 A88K-34		<200	1	5	<20	217.0	1.6	<2	10	<200	<500	83
R2 A88K-35		<200	<1	14	<20	233.0	4.4	<2	18	<200	<500	385
R2 A88K-36		<200	2	4	<20	135.0	1.3	5	5	<200	<500	77
R2 A88K-37		<540	3	58	<20	718.0	13.0	<2	67	<200	<2200	1500
R2 A88K-38		<300	3	37	<20	501.0	6.6	<2	40	<200	<500	1100
R2 A88K-39		<600	2	72	<20	874.0	20.0	<4	89	<200	<2000	1600
R2 A88K-40		<200	3	2	<20	67.0	2.9	6	<5	<200	<500	30
R2 A88K-41		<200	2	7	<20	142.0	2.1	3	8	<200	<500	170
R2 A88K-42		<810	4	59	<20	1000.0	21.0	21	74	<200	<1500	1700

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R2 A88K-43		9	<5	17	900	<1	<10	59	<10	73	<1	12	5.7
R2 A88K-44		16	<5	5	<100	<1	<10	410	<10	67	<1	8	1.2
R2 A88K-45		<5	<5	6	200	<1	<10	460	<10	260	<1	7	1.5
R2 A88K-46		<12	<5	9	260	<1	<10	2070	16	96	1	70	4.9
R2 A88K-47		24	<5	4	810	<1	<10	1780	17	160	<1	58	3.9
R2 A88K-48		19	<5	9	1500	2	<10	530	<10	67	<1	<2	2.7
R2 A88K-49		17	<5	22	1600	<1	<10	580	14	170	<1	40	5.2
R2 A88K-50		22	<5	18	2500	<1	<10	700	11	95	<1	19	3.8
R2 RE88-12A		<5	<5	3	13400	<1	<10	120	<10	73	<1	3	1.7
R2 RE88-12B		17	<5	16	810	<1	<10	610	<10	200	<1	9	2.4
R2 RE88-16A		<5	<5	12	1300	<1	<10	120	<10	<50	<1	3	5.4
R2 RE88-28B		31	<5	17	<100	<1	<10	880	<10	93	<1	<2	17.0

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SAMPLE NUMBER	ELEMENT UNITS	Hf PPM	Ir PPB	La PPM	Lu PPM	Mo PPM	Na PCT	Ni PPM	Rb PPM	Sb PPM	Sc PPM	Se PPM	Sm PPM
R2 A88K-43		3	<100	40	<2.2	<2	0.11	<50	39	1.1	3.3	<10	39.0
R2 A88K-44		6	<100	340	<0.5	<2	0.23	<50	170	0.4	1.0	<10	72.6
R2 A88K-45		6	<100	390	<0.7	<2	0.25	<50	160	0.3	1.4	<10	84.5
R2 A88K-46		<2	<100	1390	<1.6	<5	<0.15	<50	17	0.3	6.3	<10	308.0
R2 A88K-47		<2	<100	1080	<1.4	<2	<0.13	<50	<10	<0.2	6.6	<10	286.0
R2 A88K-48		3	<100	500	<0.7	160	0.20	<50	12	0.6	7.8	<10	16.0
R2 A88K-49		<2	<100	330	<3.5	<2	<0.05	<50	43	1.1	6.1	<10	127.0
R2 A88K-50		7	<100	689	<0.6	<4	0.12	<50	64	0.9	3.5	<10	101.0
R2 RE88-12A		4	<100	81	<0.5	<2	0.11	<50	130	1.1	1.5	<10	27.0
R2 RE88-12B		5	<100	440	<0.5	<2	0.12	<50	92	0.9	6.2	<10	79.4
R2 RE88-16A		<2	<100	92	<0.5	6	0.10	<50	54	0.8	2.3	<10	17.0
R2 RE88-28B		6	<100	796	<0.6	10	<0.05	<50	33	1.3	5.5	<10	28.0

Bondar-Clegg & Company Ltd.
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BONDAR-CLEGG

Geochemical Lab Report

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SAMPLE NUMBER	ELEMENT UNITS	Sn PPM	Ta PPM	Tb PPM	Te PPM	Th PPM	U PPM	W PPM	Yb PPM	Zn PPM	Zr PPM	Y PPM
R2 A88K-43		<200	1	20	<20	242.0	6.8	2	25	<200	<500	600
R2 A88K-44		<200	4	6	<20	484.0	1.3	5	13	<200	<500	46
R2 A88K-45		<200	3	8	<20	739.0	2.2	4	22	<200	<500	81
R2 A88K-46		<350	3	37	<20	2210.0	11.0	17	<30	<200	<2400	220
R2 A88K-47		<550	3	30	<20	1810.0	10.0	30	<22	<200	<1500	195
R2 A88K-48		<200	<1	2	<20	97.2	1.2	24	9	<200	<500	57
R2 A88K-49		<860	5	50	<20	837.0	12.0	16	<46	<200	<1000	1100
R2 A88K-50		<200	<1	14	<20	537.0	3.8	<2	26	<200	<500	260
R2 RE88-12A		<200	<1	5	<20	154.0	1.4	<2	6	<200	<500	95
R2 RE88-12B		<200	2	6	<20	380.0	2.2	<2	11	<200	<500	32
R2 RE88-16A		<200	1	2	<20	84.2	0.6	4	<5	<200	<500	12
R2 RE88-28B		<200	1	2	<20	77.6	1.0	7	6	<200	<500	28

LEGEND

ALKALINE ROCKS

Dc	Rusty orange-brown weathering carbonatite dykes
MS	Dark green-weathering, mafic, pyroxene-rich syenites
MSc	Mafic syenite, chlorite-rich
Df	Felsic alkalic dykes
Amp	Mottled potassium feldspar-quartz-carbonate-sericite phyllites and quartz-carbonate-sericite-apatite rocks, possibly of syenitic tuff origin
Dx	Silver-green to rusty weathering breccia dykes, locally porphyrytic and vesicular
Bxt	Silver-green to rusty weathering heterolithic tuffs
Bxd	Heterolithic diatreme breccia
Bxg	Rusty-weathering, carbonate-cemented gas-stream breccia

SEDIMENTARY AND METASEDIMENTARY SEQUENCE

MID-PALEOZOIC

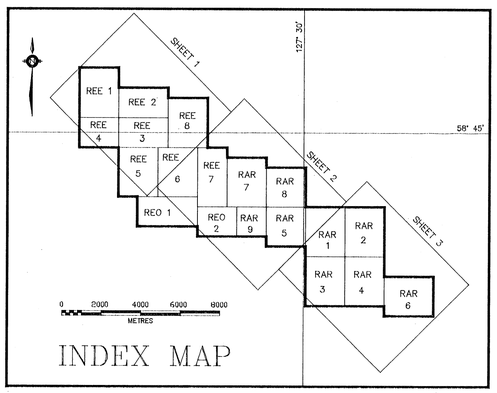
mPqz	Black and grey quartzite, siliceous argillite, dolomite
mPsh	Graphitic argillite, siliceous argillite
mPls	Dolomites and limestones, locally fossiliferous
mPvl	Thinly interbedded tuffs, cherty tuffs and limestone

CAMBRIAN AND ORDOVICIAN

€Oss	Sericitic phyllite, graphitic phyllite, chloritic phyllite, dolomite, calcareous phyllite and argillaceous limestone

SYMBOLS

- Geologic contact, approximate, assumed
- Fault, approximate, assumed
- Bedding
- Schistosity
- Schistosity and bedding, parallel
- 1200 Contour, metres
- Claim post
- △ Sample location



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ASSESSMENT REPORT

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FORMOSA RESOURCES CORPORATION

KECHIKA PROPERTY
NORTH CENTRAL BRITISH COLUMBIA

GEOLOGY

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BY: J.P. & R.R.C. FIGURE No. 3A

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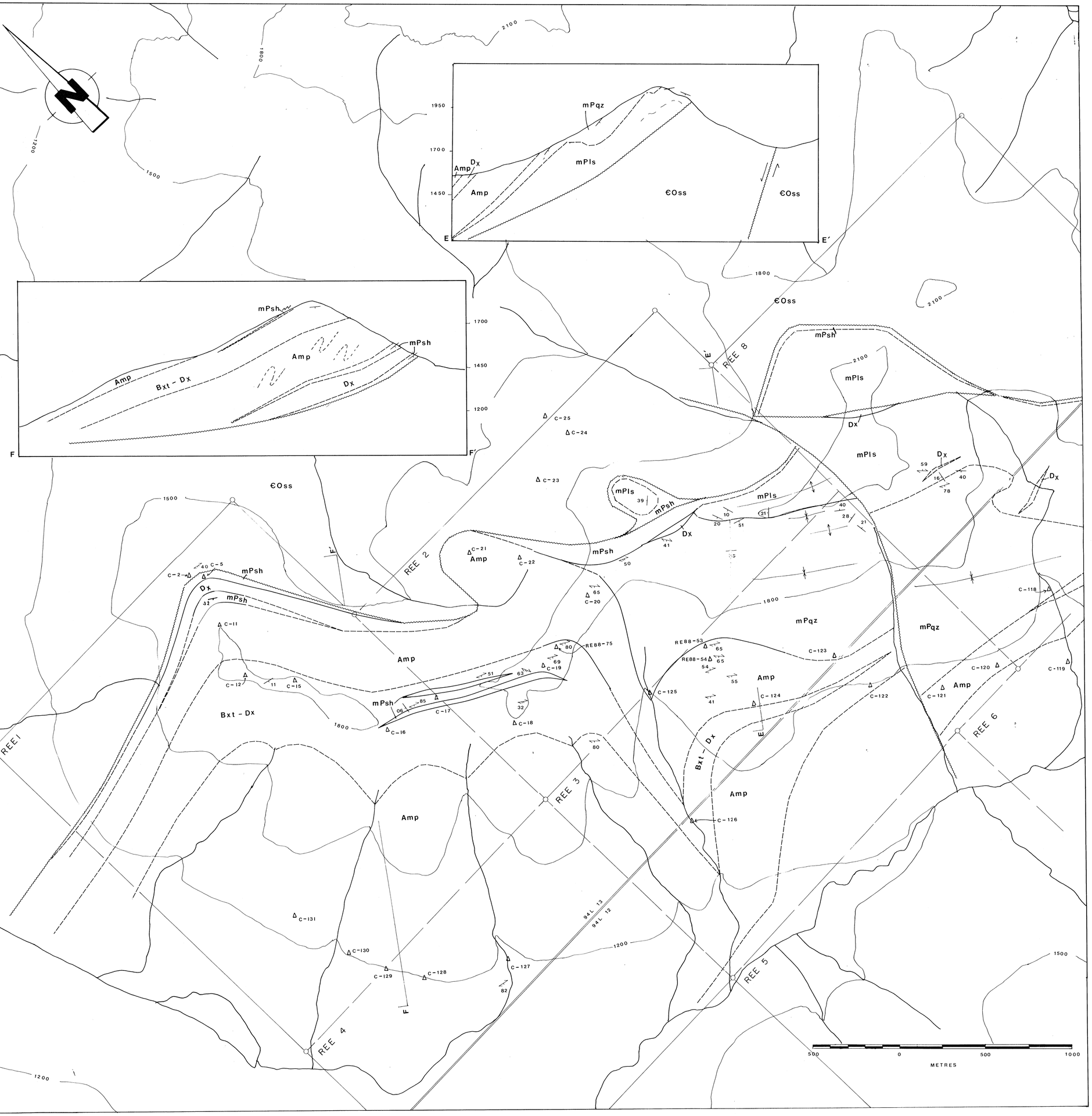

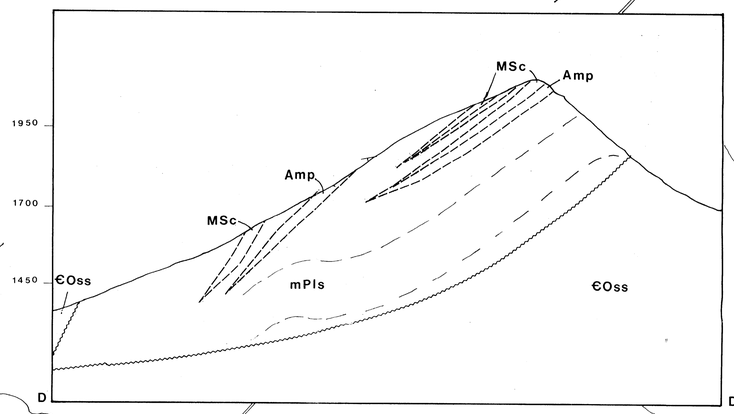

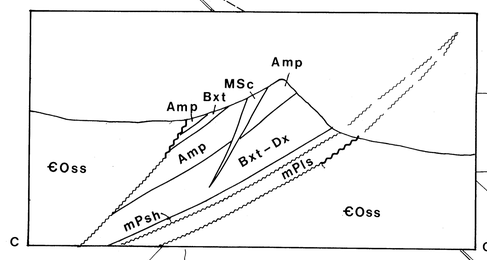

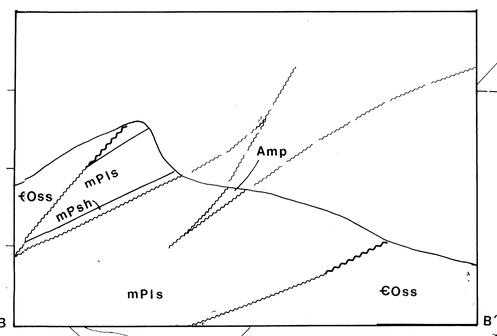

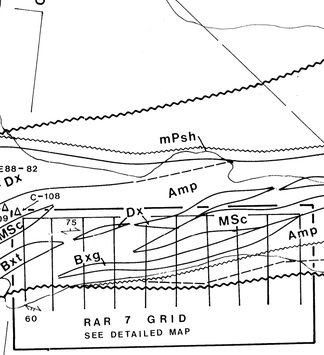

l€qz
RAR 1
RAR 8
RAR 7
RAR 9
RAR 5
94L 13
94L 12
94L 11
1800
1500
2100
€Oss
mPls
mPsh
Amp
MSc
Bxt - Dx
Bxt
Bxg
Dx
Df
Dc
Bxd
RE88-82
RE88-23
RE88-25
RE88-28
RE88-38
C-73
C-74
C-75
C-76
C-77
C-78
C-79
C-92
C-93
C-94
C-95 F
C-96 F
C-97F
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C-108
C-109
C-110
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C-112
C-113
C-114
C-115
C-116
C-117
REE 8
REE 7
REE 6
REO 1
REO 2
A
A'
B
B'
C
C'
D
D'
500 0 500 1000
METRES

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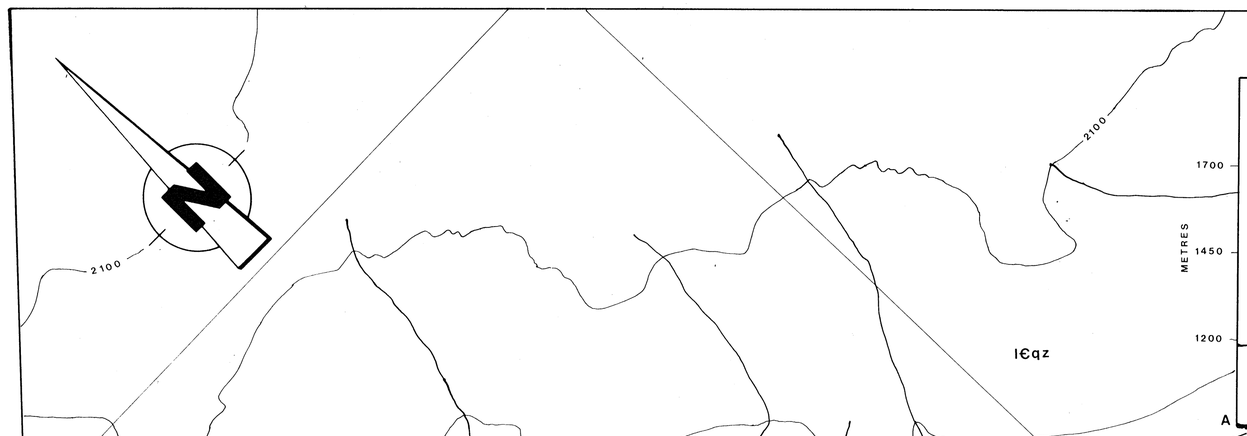

N

2100
1800
1500
1200

l€qz
l€qz
€Oss
€Oss
€Oss
€Oss
€Oss
mPvl
mPvl
mPvl
mPvl
mPls
mPls
MS
MS
MSx

RAR 2
RAR 4
RAR 6
RAR 1
RAR 3

A'

54
74
54
35
28
55
56
65
50
70

C-54
C-53
C-52
C-51
C-50
C-49
C-48
C-47
H-1
H-2
H-3
C-67
C-66
C-68
C-69
C-70F
C-71F
C-72F
C-80
C-81F
RE88-9
RE88-57
RE88-60
Amp

94L 11
94L 12

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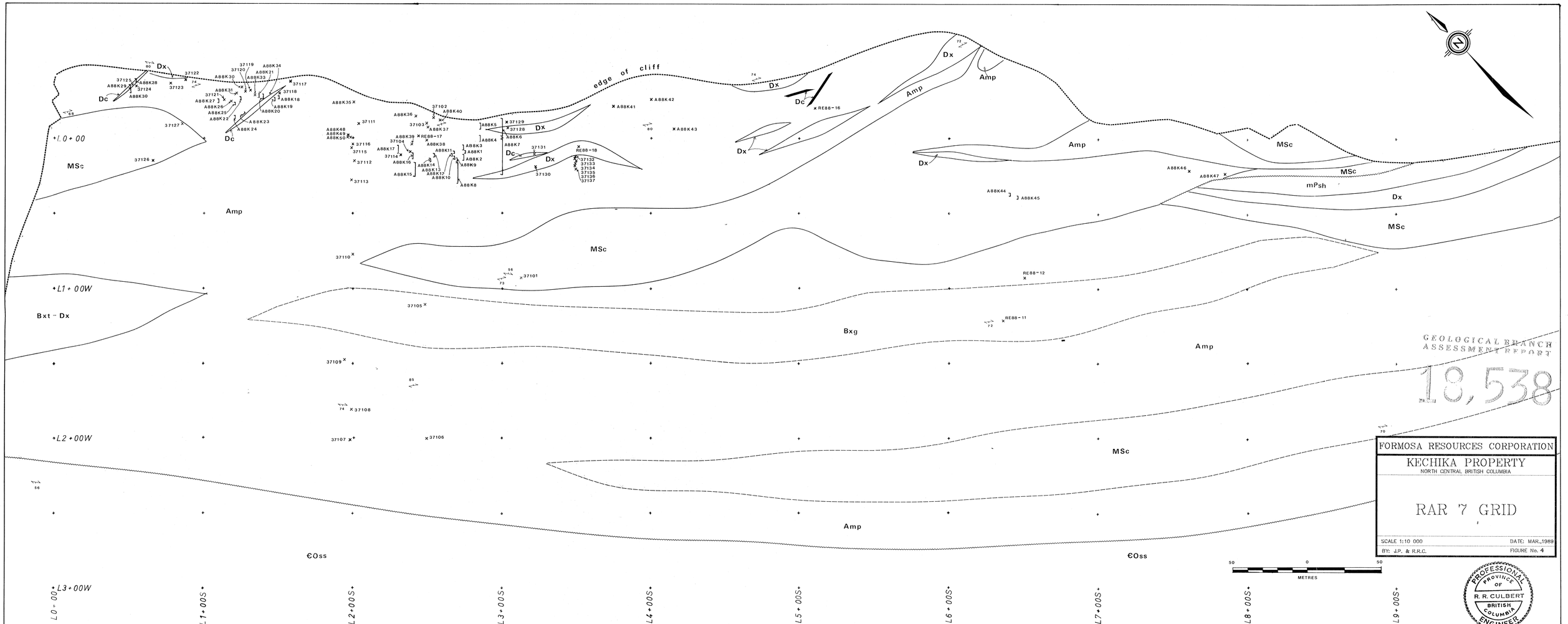
500 0 500 1000
METRES



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RAR 7 GRID

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