

86-794-15373

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,373

ASSESSMENT REPORT ON DIAMOND DRILLING

KENA PROPERTY

NELSON M.D.

82-F/6W

Lat. $49^{\circ}25.3'$ Long. $117^{\circ}16.4'$

FILMED

SUB-RECORDER
RECEIVED

DEC 16 1986

M.R. # _____ \$ _____
VANCOUVER, B.C.

Operator:

LACANA MINING CORPORATION
312 - 409 Granville St.
Vancouver, B.C.
V6C 1T2

Owner(s): O. JANDUT
Lacana Min. Corp.

R. J. JOHNSTON
December, 1986

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Table 1 - Lithology - Kena Property

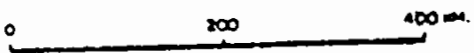
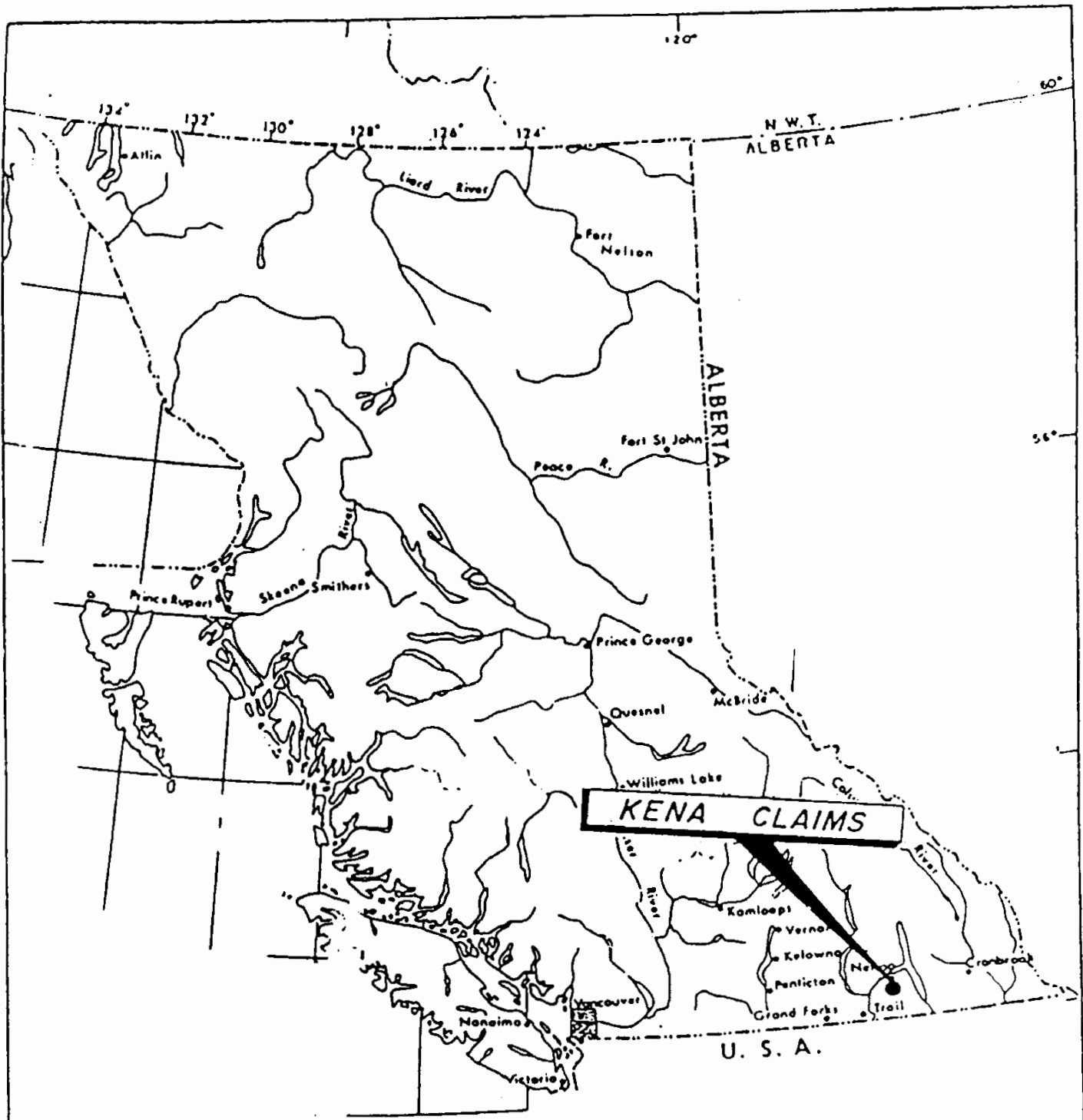
SUMMARY

During 1986 Lacana Mining Corporation carried out an extensive exploration programme on the optioned Kena Property, located seven km south of the City of Nelson in S.E. B.C. The programme was designed to follow up on encouraging trenching and diamond drilling results obtained during the 1985 season, and consisted of linecutting, ground geophysics, soil and rock geochemistry and mapping plus 23 diamond drill holes, totalling 3128.7 metres.

The property is underlain by chloritized and sheared andesite tuffs and flows of the Lower Jurassic Elise Fm, Rossland Group, cut by numerous intermediate dykes and sills of the nearby Nelson Batholith.

The soil and rock geochemical surveys and mapping confirmed that the main area of interest is in a zone around the Main Showing. The 1986 drilling encountered further intersections within the zone. Mineralization consists of silicified, pyritized, brecciated fractured zones within the andesites and though some interesting widths and intersections were obtained, the zones and the associated gold mineralization are generally spotty and narrow and do not appear to continue to depth.

It is concluded that the property has limited tonnage potential and has been returned to the owners.



LACANA CONVENTURES LIMITED
 MURPHY OIL COMPANY LTD
 LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

**KENA PROPERTY
 LOCATION MAP**

PREPARED BY	SCALE	DATE	NETS	FIG. NO.
BJ	1:7,000,000	Nov, 1985	82F/G	1

INTRODUCTION

Location and Access

The Kena property is located in S.E. B.C., seven km south of the City of Nelson. It is situated on the east flank of Toad Mountain, with Gold Creek cutting across the north end.

Road access is good, consisting of ten km of logging roads which depart from Highway 6 south of Nelson.

Physiography

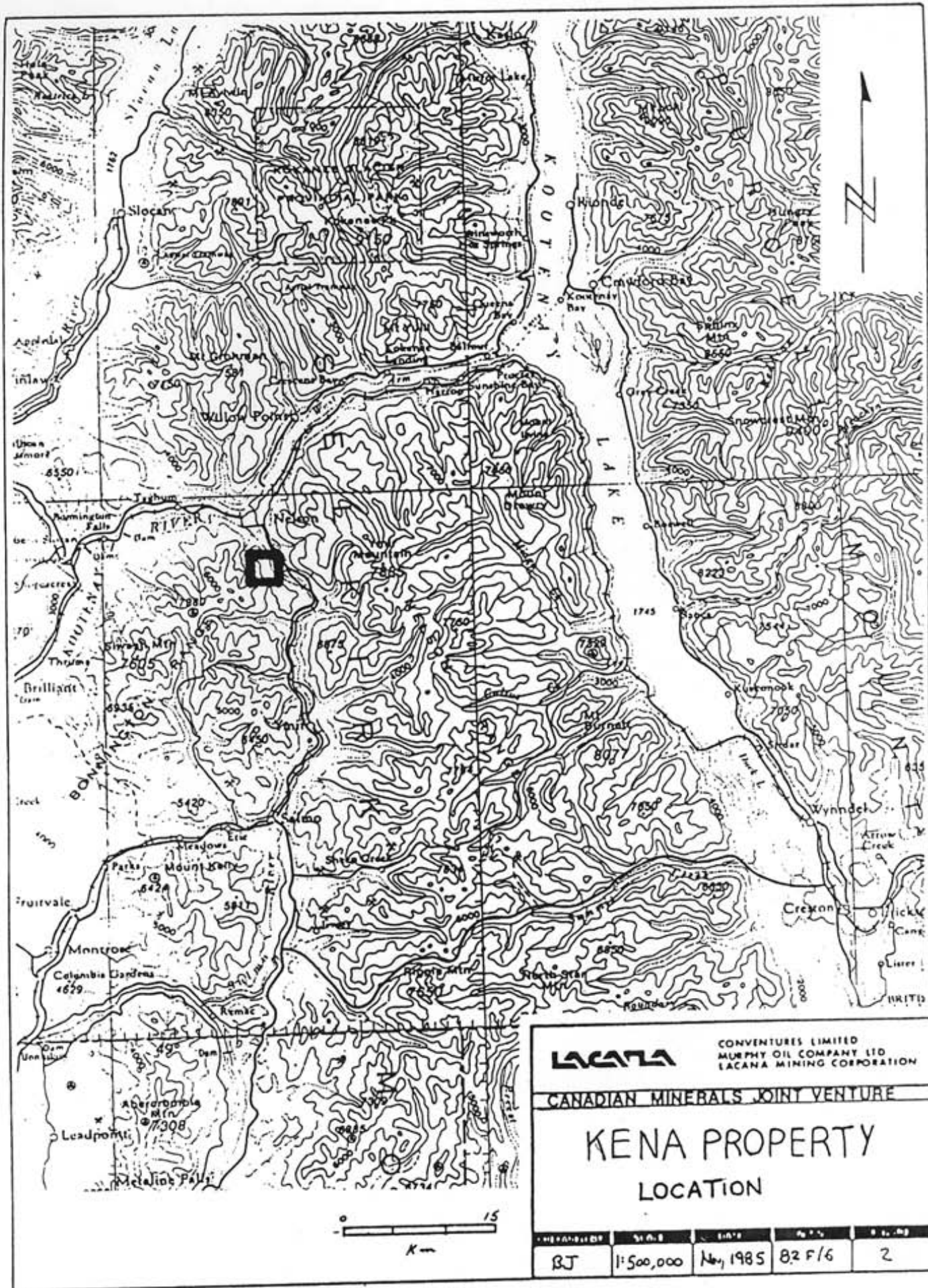
The terrain is generally rugged with the main area of interest situated on a bench at 1500 m elevation.

Vegetation is generally thick with forests of hemlock and cedar and areas of dense undergrowth..

Claims

The Kena property consists of 50 2-post, located claims and fractions. All except the Keno claims are owned by Otakar and Otto Janout of White Rock, B.C., and were subject to an option agreement with Canadian Minerals Joint Venture (1980), which was operated by Lacana Mining Corporation. The Keno claims are owned outright by Lacana.

<u>Claim Name</u>	<u>Record No.</u>	<u>No.of Units</u>	<u>Expiry Date</u>
KENA 7	15329	1	Nov 1995
KENA 18	15645	1	Nov 1991
KENA 19	15646	1	Nov 1993
KENA 20	15647	1	Nov 1991
KENA 21	15648	1	Nov 1991
KENA 22	15649	1	Nov 1991
KENA 23	15650	1	Nov 1991
KENA 24	15651	1	Nov 1991
KENA 25	15652	1	Nov 1991
MAC 1	1250	20	Sept 1991
GOLD MTN	1028	1	May 1991
GOLD MTN 1	1027	1	May 1991
GOLD MTN 2	1029	1	May 1991
GOLD MTN 3	1030	1	May 1991
GOLD MTN 9Fr	1049	1	May 1991
GOLD MTN 6	1050	1	May 1991
GOLD MTN 7	1051	1	May 1991
GOLD MTN 8	1052	1	May 1991
LINDE 1	3867	1	Aug 1990
LINDE 2	3868	1	Aug 1990
KENO	3545	9	Nov 1991
KENA Fr	4014	1	Feb 1991

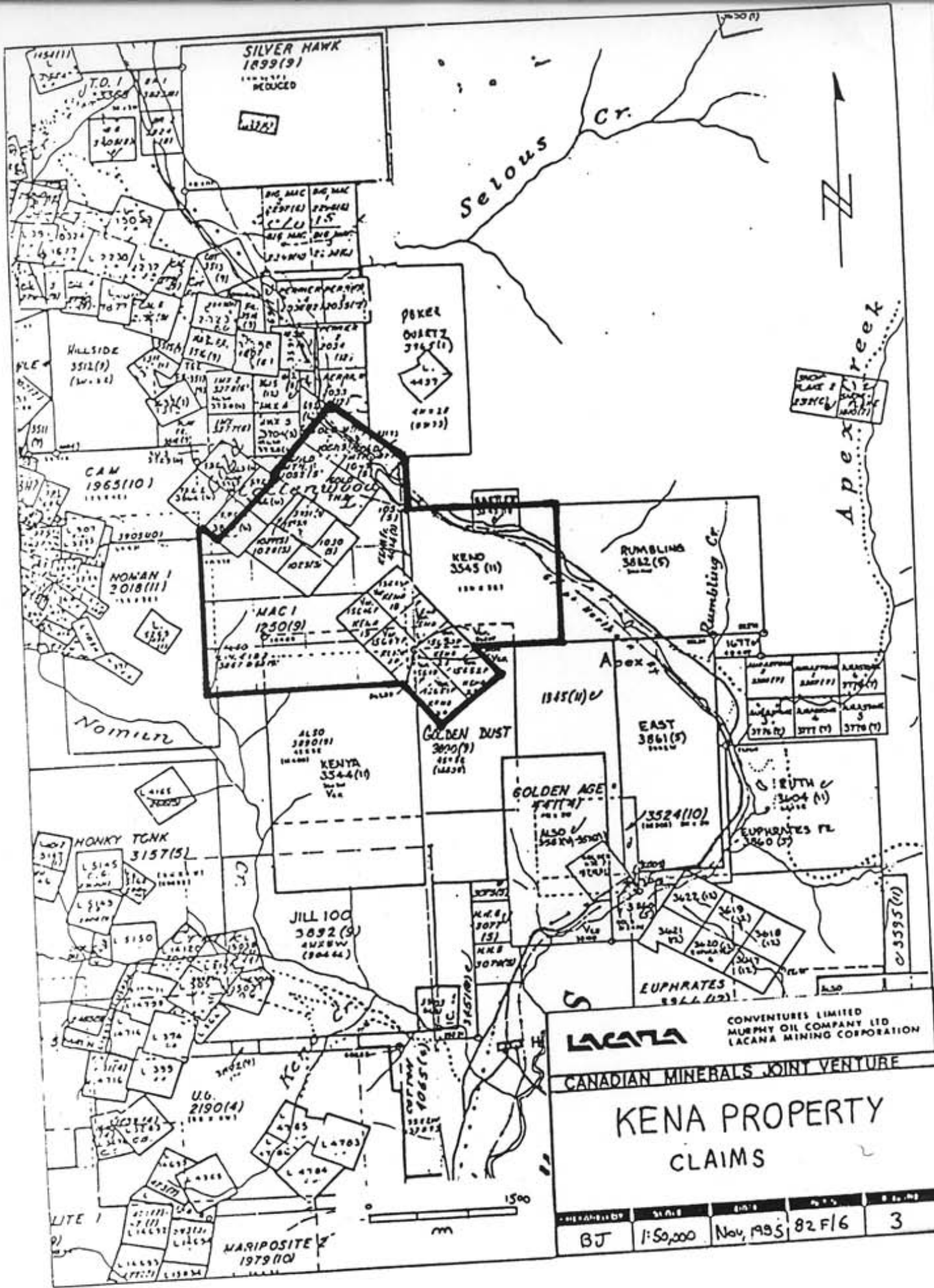


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CANADIAN MINERALS JOINT VENTURE

KENA PROPERTY
 LOCATION

PROJECT	SCALE	DATE	REV.	SHEET NO.
BJ	1:500,000	Nov, 1985	82 F/6	2



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CANADIAN MINERALS JOINT VENTURE

KENA PROPERTY CLAIMS

REVISION BY	SCALE	DATE	SHEET NO.	TOTAL SHEETS
BJ	1:50,000	Nov, 1995	82 F/6	3

Claims Cont'd

<u>Claim Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Expiry Date</u>
MAC Fr	3891	1	Sept 1990

Upon filing of the 1986 work the entire property will remain in good standing until 1996.

History

The first mention of mineralization on the Kena claims is a description of the old "Cottonwood Mine" by G.M. Dawson in the 1888-1889 G.S.C. Annual Report. These consist of a number of trenches and short adits around the Main Showing on the Kena 7 claim.

The Kena property was originally staked by the Janouts in 1973. Ducanex Resources (a predecessor Lacana company) in 1974 and 1975 conducted soil geochem, mapping and percussion drilling over the Kena 7 claim.

From 1975 to 1981, several companies, including Quintana and Shell, worked the claims, concentrating on a large zone of low-grade copper on the southern part of the property, carrying out mapping and geophysical surveys.

Kerr Addison tested both the gold and copper zones with diamond drilling in 1981. Three holes in the area of the Main showing on Kena 7 yielded low but interesting Au values.

Canadian Minerals Joint Venture (1980), with Lacana as operator, acquired the property in late 1984 and carried out a small cat trenching programme and completed a helicopter-borne Dighem III survey over the property.

In 1985 Lacana followed up with trenching and diamond drilling. Fourteen trenches totalling over 1000 m were put in, which showed the presence of a large (>100 ppb) Au lithogeochem anomaly around the Main showing. This anomaly extends for over 500 m along strike and is up to 100 m in width.

Twelve diamond drill holes totalling 1,266.7 m were put in on this anomaly around the Main showing. A number of sub-economic

but very interesting intersections were obtained, mostly around the Main Showing. A thirteenth hole, drilled a gold in-soil anomaly on the copper zone, did not encounter anomalous Au values.

REGIONAL GEOLOGY AND MINERALIZATION

The Nelson area consists of Upper Paleozoic and Mesozoic sedimentary and volcanic sequences intruded by various phases of the late Jurassic-early Cretaceous Nelson Batholith. Windemere and later sediments of Late Proterozoic-Early Paleozoic Age, which form the Kootenay Arc, occur some 15 km to the east.

G.S.C. Map 1517A (Little 1982) show the property to be underlain by deformed and metamorphosed (greenschist facies) intermediate volcanics of the Lower Jurassic Elise Fm., which along with the Archibald Fm. sediments and the Middle Jurassic Hall Fm. argillites, make up the Rossland Group. Argillites of the Lower Jurassic Ymir Group underlie the Rossland rocks. None of the three sedimentary formations were noted on the Kena property.

The Elise Formation consists of andesitic and basaltic flows and flow breccias, augite porphyry intrusions and/or flows and lesser tuffs and argillite with an estimated thickness of 2700 m. The volcanic rocks have typical greenschist facies metamorphic mineral assemblages. Some of the volcanic lavas are auto-clastic and contain subrounded, resorbed fragments having the same composition as the matrix.

The supracrustal sequence has been intruded by various phases of the Nelson Batholith which consists mainly of porphyritic granite, with lesser quartz diorite, quartz monzonite, diorite, monzonite and syenite. On the Kena property, the most common intrusive is a porphyritic hornblende quartz diorite known as the Silver King Porphyry.

Numerous base and precious metal lode deposits occur in the Rossland Group rocks near Nelson. Most prominent of these is the Silver King Mine, located 1 km west of the Kena property, which shipped 220,000 tons containing about 15 million pounds copper, 4.4 million ounces silver and notable zinc and lead. Mineralization occurs in shear zones at the andesite-

Silver King Porphyry contact.

The Granite Poorman Mine, 5 km west of Nelson produced almost 60,000 ounces Au and 25,000 ounces Ag from 175,000 tons and a number of other producers on Toad Mountain have produced minor amounts of gold and silver, totalling another 35,000 ounces gold.

PROPERTY GEOLOGY

The Kena property is underlain predominantly by interbedded andesitic flows and tuffs of the Elise Formation which strike northwest-southeast with moderate dips to the southwest. The flows are generally massive, but locally rubbly and brecciated textures have been interpreted as flow-top breccias. Andesitic tuffs constitute the most abundant lithology on the property and are characterized by a planar fabric. Several varieties of tuff have been recognized, including lithic and feldspar-crystal tuff, but none form mappable units. The tuffs are locally epidote-bearing. Pyrite is conspicuous and ubiquitous in the andesitic tuffs and flows; it occurs as disseminations and discordant stringers, forming up to 10% of the rock.

The rocks are intensely chloritized and variably sheared. In the area of the main workings, the shearing is quite intense and the primary volcanic textures are not easily discerned.

The volcanics have been intruded by a variety of dykes and sills, including the Silver King Porphyry, diorite, granodiorite, lamprophyre and a porphyritic andesite, probably a high level intrusion related to the andesites.

Table 1 - Lithology - Kena Property

- 5 Silver King Porphyry - hornblende quartz diorite
- 4a Diorite
 - b Quartz Diorite
 - c Granodiorite
- 3 Porphyritic Andesite Dyke - 60% white feldspar phenocrysts
- 2 Undifferentiated Tuff
- 2a Sheared and chloritized volcanoclastics & tuff - soft, black
 - b Lithic Tuff
 - c Sericitized Tuff
- 1a Massive Andesite Flow
 - b Epidotized, medium ground massive flow
 - c Fine-grained green-grey epidotized massive flow

A more detailed description of these lithologies is found in the 1985 Kena property Summary Report.

Structure

The volcanic sequence strikes 120-135° and dips moderately to the west. The direction of shearing is sub-parallel to this.

A series of east-west striking, subvertical fractures are conspicuous in the vicinity of the Main Showing and locally elsewhere. Geophysical data indicate the presence of more major east-west structures with minor sintral movement, and other minor north-south and northwest trending structures.

Alteration and Mineralization

Gold mineralization on the Kena occurs in silicified and pyritized crackle brecciated fracture zones within the volcanic sequence. The gold is associated with a fine grained yellow pyrite which is distinct from the silvery or brassy types disseminated within the volcanics. The structure more than stratigraphy appears to be the controlling factor for mineralization.

The mineralized fracture zones are composed of moderate to intensely silicified andesite clasts in a matrix of fine grained yellow pyrite and black chlorite. Pyrite content varies from 1-90% over lengths of up to 1 m, and gold values generally vary with the pyrite content. Zones of massive pyrite in silicified andesites can carry grades of up to 0.41 opt/1.5m (LK-86-20) though most of these massive pyrite zones are less than 0.3m in width and grade .05 to 0.1 opt Ag.

On surface at the Main and Neil Showings, these zones appear as silicified and sericitized andesites with irregular veins and pods of massive pyrite. The Neil Showing also holds small discontinuous pods of oxidized, boxwork material which assayed 4.4 and 7.8 opt Au.

These individual fracture zones and "veins" occur in a large zone sub-parallel to the stratigraphy and which dips subvertically to the west.

It is thought that the fracturing and mineralization is related to subconcordant diorite intrusions which are found locally throughout the property. Broad zones of pervasive silicification and potassic alteration (microcline and biotite) occur at the contacts of the diorite intrusions, affecting both the diorite and host volcanic rocks. Such zones are up to 8.0 m wide and have returned gold values in the range of 0.04 to 0.07 oz. Au/ton over core lengths of 1.5 to 2.0 m, both above and below a diorite sill northwest of the Main Showing.

A major problem arises in that not all of these silicified and pyritized zones will carry gold. About 1/3 to 1/2 of the zones will carry variable values of gold, depending mostly on pyrite content. Visually and geochemically, no distinction can be made between significantly and marginally auriferous zones.

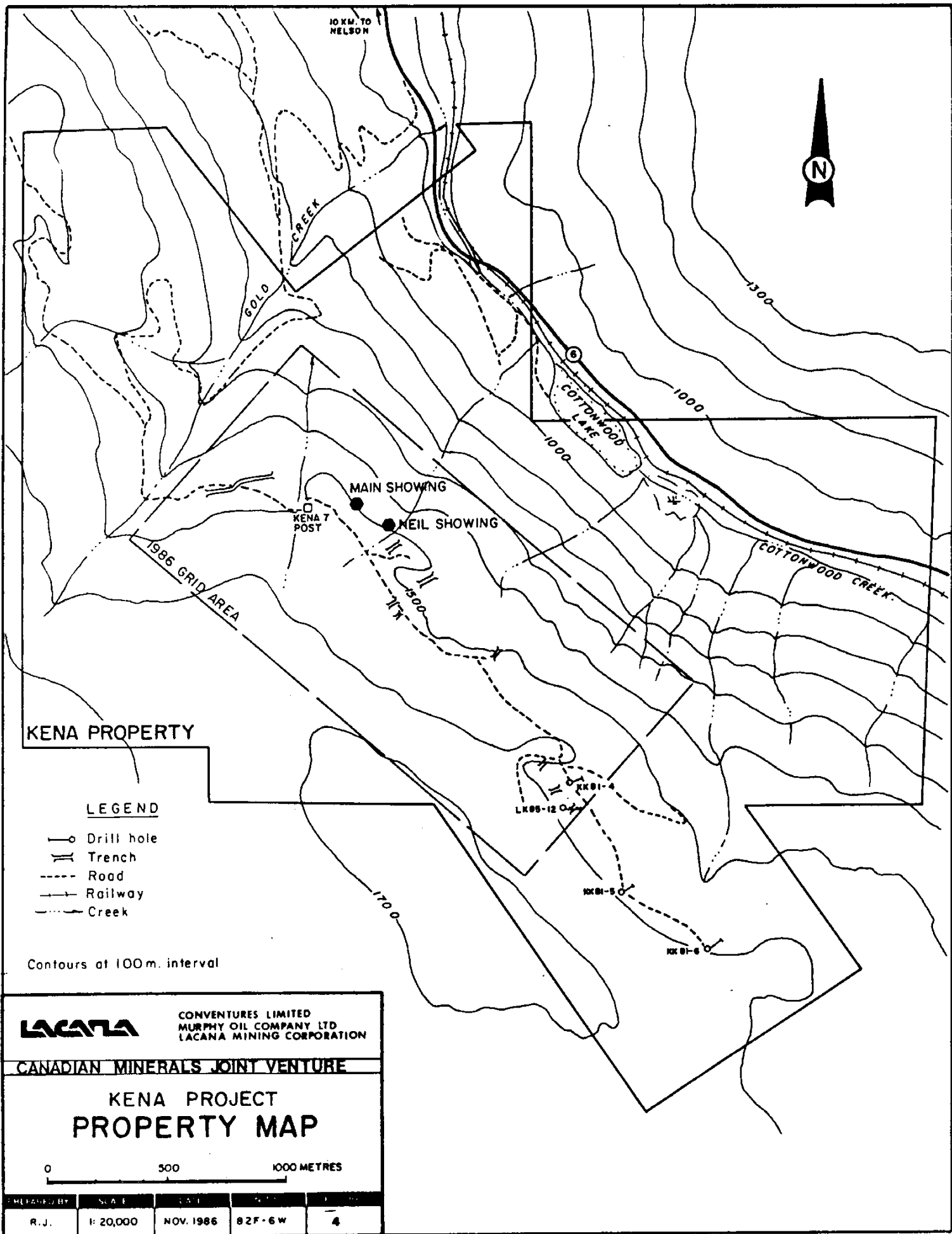
Silver values vary with the gold, with a low Ag/Au ratio. Base metals are not common throughout the drill area. Chalcopyrite, sphalerite and galena, in order of abundance, are found as disseminations in quartz veins, or as massive sulphide veins adjacent to dioritic sills, and often carry anomalous, gold values, usually less than 0.1 opt. It should be noted that the base-metal related Au intersections are minor, and that the "gold only" type of intersection is much more common and higher grade.

SUMMARY OF 1986 WORK

Geophysics

In February, a grid 170 m long and 700 m wide was put in, extending 450 m northwest and 1250 m southeast of the Main Showing. This included coverage of the north end of the copper zone. Grid spacing was 50 x 25 m. In March a magnetometer and VLF survey was carried out, which generally confirmed the results of the 1984 Dighem survey. A number of areas of magnetic highs and lows were obtained which turned out to be of little stratigraphic value, but did give useful structural information, particularly the sense of movement on the E-W trending structures.

The VLF survey revealed a number of weak conductors. Generally, these coincided with the topographic lows, and though outcrop exposure was poor, the strike-slip movement along these appears to be negligible.



Geochemistry

In June and July, the grid was extended to 47+00W and soil sampled. A total of 885 "B horizon" soils were sampled and run for Au, and selected lines for multi-element ICP.

The results agreed well with the previous surveys run by Ducanex in 1975 and Kerr-Addison in 1981. The main area of interest around the Main Showing from 51+50W to 44+00N is defined by a 120+ ppb Au in-soil anomaly, with local spot highs over 1000 ppb, which coincides well with the Au lithogeochemical anomaly outlined by the 1985 trenching and drilling.

Local spot highs were encountered throughout the rest of the grid, and notably, most of these occurred on contacts with the various intrusives. Two of these other geochem anomalies were drilled; the Luigi Zone, at 42+50N/49+50W, and Y-Zone centred on 46+00N/50+50W, which also coincided with a weak VLF conductor. No encouragement was received from either hole.

Multi-element analyses were run on 5 lines across the grid, but no pathfinder element or suite was discovered. High Mn values occur throughout the grid, but had no correlation with the high Au values, while high Cu was encountered at the south end of the grid, (North end of the copper zone).

Mapping and Lithogeochemistry

During June and July a mapping and lithogeochemistry programme was carried out over the grid. Mapping was of a reconnaissance nature, to quickly discern the general geology of the rest of the grid away from the area of the 1985 trenching. The object of the lithogeochemical survey was to locate further Au anomalous areas.

The main results of the mapping was the discovery of the great continuity and extent of the porphyritic andesite dyke (Unit 3) which cuts across the grid to the south, and the discovery of a number of Silver King Porphyry dykes. Follow up work on the magnetic highs was frustrating, as all of the volcanics and intrusive rocks appear to be variably magnetic. No lithological or alteration correlation could be made with the magnetic highs and lows.

Prospecting around the VLF anomalies encountered gullies and topographical lows in the appropriate locations, but again, no lithologic or economic indications were found.

The volcanic stratigraphy is very complex and discontinuous and no effort was made to study it in detail. A great deal of time and effort would be required and it does not appear that the stratigraphy plays any major role in controlling the mineralization.

The Neil Showing was discovered in July by detailed prospecting of the steep hillside east of the Main workings. The showing consists of small discontinuous pods up to 0.4m of oxidized material returned assays of 4.4 and 7.8 opt Au, while the enclosing volcanics ran 1.99 opt over 0.75 m, though other silicified volcanics in the immediate area assayed less than .03 opt Au. It appears that the Neil Showing is an extension of the Main Showing 150 m to the north.

The lithogeochemical survey essentially proved up the validity of the soil geochem on the property. Away from the main soil anomaly on the main target area, gold values in the rocks were low - in the 5-50 ppb range, while any samples taken within or near the soil anomaly consistently returned values >100 ppb. Some trace element studies were done, but no pathfinder element or suite was found.

Drilling

A total of 3,128.7 m of NQ diamond drilling was completed in 1986, in 23 holes. The programme was designed primarily to trace to the south the mineralization encountered in the 1985 drilling, and included testing of the newly discovered Neil Showing. Also, two Au in-soil anomalies away from the Main Zone were tested.

The initial phase of drilling, carried out in August, was designed to test the Neil Showing. The initial hole LK-86-20 (47+00N/49+27W) encountered nearly 20 m of silicified and variably pyritized and brecciated volcanics, between 50 and 70 m. Part of this zone assayed .14 opt Au over 9.03m, including 1.5m containing 40% pyrite which carried 0.4 opt Au. LK-86-21 was drilled from

the same location at a steeper dip and encountered a number of narrow zones of silicified breccia with noticeably less pyrite, and considerably lower values, the best being .086 opt Au/1.63 m. LK-86-24 was drilled 50m behind this and encountered even more spotty silicified zones and only two intersections > 0.03 opt Au, and both less than 0.1 opt. LK-86-28 was drilled on the same section to a depth of 273 m, hopefully to test both the Neil Showing and the results of LK-86-20 at depth. Again, only spotty and narrow silicified zones were encountered; all containing less than .06 opt Au.

Holes LK-86-22,23, 36-41 tested the strike continuity of the Neil Showing from 46+25N to 47+63N. Two fences were drilled at 49+25W and 49+50W. Significant but narrow intersections were obtained in the first fence, but these results were generally diminished in the stepback hole.

Four more holes; LK-86-29 to 32, were drilled to the south as far as 44+60N to test for further extension of the Main-Neil Zones, with discouraging results. Neither the zone nor significant Au results were encountered, though again anomalous Au in rock values > 100 ppb persisted.

Three holes LK-86-25 to 27 were drilled on the "Y-Zone" a coincident Au in soil-VLF anomaly that occurs between 45+50N and 44+30N at about 50+50W. Only minor silicification and only three assays over 0.03 opt Au were encountered. Here the > 100 ppb Au in rock anomaly was less consistent than around the main area of interest.

LK-86-33 was drilled on the Luigi Zone, a discrete Au soil geochem high 425 m south of the Neil Showing. No silicification was encountered and the hole is definitely out of the Au litho-geochem anomaly.

LK-86-34 and 35 were drilled to the north of the previous drilling on a > 1000 ppb soil anomaly which coincided with the contact of a diorite sill with the andesites. Near surface narrow quartz veins with pyrite assayed up to 0.4 opt Au, but assays from drill holes returned > 100 ppb Au.

The Lacana core from 1985 and 1986, as well as the Kerr Addison core from 1981 is stored on the property.

DISCUSSION

From 1981 to 1986 Kerr Addison and Lacana have drilled 37 diamond drill holes totalling almost 5000 m in the area of the Main Showing along 800 m of strike. Numerous intersections of auriferous and barren silicified and pyritized fracture zones were encountered, most of which were narrow and of sub-economic grade. Though these tend to be aligned within a broad northwest trending zone, the individual higher grade veins tend to be spotty and discontinuous and difficult to chase to depth.

The best intersections have been obtained in a zone around the Main and Neil Showings and include values of 7.3m of .117 opt Au in LK-85-7 and 9.03m of .14 opt in LK-86-20; each drilled behind the surface showings. Deeper holes from various stepbacks invariably encountered much narrower widths of lower grade material. Step-out holes on geochem anomalies away from this main area were very disappointing.

A large area surrounding the gold zone was gridded and soil sampled, but aside from minor spot highs, values outside the area drilled were unspectacular. Follow up mapping, prospecting and litho-geochemical sampling has shown the soil geochemistry to be valid and that the area of the 1985 and 1986 drilling was definitely the best target on the property.

REFERENCES

- Hallof, P.G., Mullan, A.W. - Assessment Report 6520 for Quintana Minerals.
- Johnson D. 1974 - Assessment Report 5222 for Ducanex Resources
1975 - Assessment Report 5665 for Lacanex Resources
1985 - Assessment Report for Lacana Mining Corp.
- Johnston, R. J. 1985 - Report on Trenching and Diamond Drilling, Kena Property, Assessment Report for Lacana Mining Corporation.
- Little, H.W. 1960 - Nelson Map Area West Half, British Columbia, G.S.C. Memoir 308.
1982 - Bonnington Map Area, British Columbia G.S.C. Map 1571A.
1985 - Preliminary Geologic Map of Nelson (82-F W Half) Map Area, British Columbia G.S.C. O.F. 1195.
- Mulligan, R. 1952 - Bonnington Map Area, B.C., G.S.C. Paper 52-13.
- Saydam, S. 1978 - Assessment Report 6946 for Shell Canada Resources.
- Sirola, W. M. 1982 - Nelson Project, Toad Mountain Area, Nelson M.D. Report on 1981 Exploration for Kerr Addison Mines Ltd., Assessment Report 9593.

APPENDIX I

BREAKDOWN OF COSTS

3,129 m of NQ Diamond Drilling @ \$52.78/m	\$ 165,175
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METHODS OF GEOCHEMICAL ANALYSIS

The samples were boxed in the field and shipped via bus to Acme Analytical Laboratories Ltd. of Vancouver, B.C. The rocks were pulverized to -100 mesh; the soils seived to -80 mesh. From this, a 0.500 gram sample is digested with 3 ml of 3-1-2 HCl-HNO₃-H₂O at 95°C for one hour and is diluted to 10 ml with demineralized water. From this Ag is determined by Atomic Absorption and multi-element analysis is done by Inductively Coupled Argon Plasma.

Elements obtained in the ICP analyses are: Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Th, Sr, Cd, Au, Sb, Bi, V, Ca, P, Ca, Cr, Mg, Ba, Ti, B, Al, Na, K, and W.

For gold analysis, a 10.0 gram sample is ignited overnight at 600°C and is then digested in with 30 mls of hot dilute aqua regia, and 75 ml of clear solution obtained is extracted with 5 ml of Methyl Isobutyl Ketone (MIBK). Gold is determined in MIBK extract by Atomic Absorption (AA).

The sludge samples were analyzed for gold using a Fine Assay with Atomic Absorption Finish. A 10.0-30.0 g sample is subjected to Fine Assay preconcentration techniques to produce a silver bead. The silver beads are dissolved and Au is determined in solution by Graphite Furnace Atomic Absorption.

APPENDIX III
DRILL CORE MULTI-ELEMENT ANALYSES

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SM.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: CORE AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 25 1986 DATE REPORT MAILED: *Oct 4/86* ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # B6-2869

PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Au1
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
8166	1	565	14	58	1.1	12	17	1032	6.14	14	5	ND	2	231	1	2	2	96	4.49	.183	4	6	1.88	85	.24	3	2.16	.02	1.83	1	710
8167	1	200	13	53	.4	7	23	927	5.88	9	5	ND	2	215	1	2	2	85	3.86	.188	4	1	1.86	55	.19	7	1.88	.03	1.43	1	180
8168	6	218	15	51	.4	16	29	685	6.50	9	5	ND	2	181	1	2	3	105	2.89	.178	5	18	2.17	51	.19	6	2.03	.03	1.59	1	480
8169	5	138	17	68	.3	19	24	1431	5.76	12	5	ND	4	416	1	2	2	83	7.15	.127	5	28	2.45	136	.24	7	2.20	.01	1.90	1	230
8170	1	12	4	11	.1	5	3	546	1.24	2	5	ND	2	187	1	2	2	6	3.18	.060	6	4	.18	69	.03	6	.47	.03	.32	1	275
8171	5	22	20	53	.3	114	15	917	3.03	8	5	ND	14	1473	1	3	2	45	6.23	.522	120	141	2.86	294	.18	3	1.73	.17	1.46	1	17
8172	1	3	19	31	.1	4	3	646	1.37	2	5	ND	3	219	1	2	3	6	3.66	.061	7	3	.17	57	.03	6	.46	.03	.31	1	75
8173	1	15	4	17	.1	2	3	611	1.33	2	5	ND	2	213	1	2	3	5	3.56	.056	5	2	.16	49	.03	3	.45	.03	.29	1	265
8174	3	630	7	103	.8	35	23	1565	6.80	7	5	ND	2	150	1	3	2	207	3.41	.112	3	156	4.22	89	.22	4	3.22	.03	2.94	1	390
8175	1	6	2	10	.1	3	3	646	1.39	2	5	ND	3	261	1	2	2	6	3.68	.061	8	3	.17	51	.01	4	.41	.03	.23	2	49
8176	1	37	9	25	.3	5	4	665	1.60	5	5	ND	3	274	1	2	2	6	3.55	.059	5	2	.20	76	.01	2	.48	.03	.23	1	240
8177	1	18	7	18	.4	3	4	676	1.47	2	5	ND	3	259	1	2	3	6	3.69	.062	6	2	.18	72	.02	4	.47	.03	.25	1	540
STD C/AU-R	21	58	38	134	7.1	72	29	1016	3.94	42	21	6	34	48	17	17	20	63	.47	.108	37	59	.88	177	.08	37	1.73	.06	.16	12	510

UK-86-24

t 30-3

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, Ni, B, AL, NA, K, W, SI, ZR, CE, SN, Y, ND AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU% ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 26 1986 DATE REPORT MAILED: *Oct 4/86* ASSAYER: *A. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-2891

PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Er	Np	Ba	Ti	B	Al	Na	K	W	Au
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	I	PPM	PPM	I	PPM	I	PPM	I	I	I	PPM	PPM
8178	4	279	5	39	.3	13	20	687	5.39	9	5	ND	1	70	1	2	2	98	2.17	.135	2	14	2.34	44	.19	3	1.95	.07	1.23	1	420
8179	3	332	5	37	.6	12	27	759	5.78	9	5	ND	1	67	1	3	2	97	2.26	.137	2	7	2.04	42	.18	6	1.69	.07	1.12	1	410
8180	2	115	2	14	.1	2	4	429	1.61	4	5	ND	1	50	1	2	2	19	1.36	.073	5	1	.38	48	.04	3	.57	.05	.29	1	160
8181	6	132	2	9	.2	3	5	438	1.82	2	5	ND	2	38	1	2	3	13	1.28	.076	6	2	.25	61	.04	3	.46	.05	.24	1	140
8182	1	229	5	78	.6	13	21	1102	6.92	9	5	ND	1	93	1	2	2	194	2.81	.177	3	12	3.06	82	.22	5	2.42	.07	.90	1	310
8183	2	1110	5	33	1.1	6	14	602	6.15	8	5	ND	2	61	1	5	2	82	2.92	.153	2	4	1.64	39	.12	3	1.30	.07	.63	1	780
8184	2	2032	8	47	2.1	13	28	738	7.18	6	5	ND	1	53	1	2	2	99	2.79	.144	2	19	2.37	35	.17	5	1.77	.07	1.22	1	960
8185	1	103	10	71	.5	6	13	1101	3.96	7	7	ND	1	216	1	2	2	53	7.03	.135	2	1	2.08	41	.01	6	.75	.08	.34	1	87
8186	1	213	8	61	1.1	13	18	917	4.97	5	5	ND	1	124	1	2	2	88	4.69	.134	2	42	2.31	36	.05	2	1.59	.07	.47	1	190
8187	9	164	7	47	1.1	9	18	804	4.62	2	7	ND	1	147	1	5	2	67	5.67	.161	2	24	1.78	23	.02	3	1.07	.07	.27	1	165
8188	1	95	4	19	.3	5	23	417	4.75	2	5	ND	1	59	1	2	2	50	2.61	.186	2	8	1.26	45	.12	6	1.14	.07	.77	1	190
8189	2	97	8	28	.4	18	17	609	8.89	7	8	ND	2	37	1	2	2	168	2.05	.101	2	24	2.46	26	.18	4	1.75	.08	1.20	2	390
8190	12	31	6	38	.4	13	21	818	6.08	5	5	ND	1	62	1	4	3	172	3.66	.131	2	12	2.47	40	.21	3	1.76	.08	.77	1	250
8191	1	78	6	32	.4	10	15	1147	4.27	4	5	ND	1	124	1	2	2	120	6.43	.099	3	3	1.93	69	.19	4	1.67	.08	1.18	1	190
8192	3	135	8	29	.4	11	25	556	7.15	3	5	ND	1	50	1	2	2	160	2.16	.125	2	4	2.52	24	.20	2	1.81	.08	.85	1	186
8193	6	39	8	26	.3	10	22	507	6.51	6	5	ND	2	70	1	2	2	83	2.67	.123	2	10	1.71	24	.12	2	1.40	.07	1.11	1	250
8194	4	206	9	34	.6	14	24	727	6.62	5	7	ND	1	87	1	4	2	103	3.10	.127	2	17	2.16	35	.15	2	1.68	.07	.90	1	350
8195	2	171	9	35	.6	10	25	545	8.45	2	9	ND	1	42	1	5	2	117	1.54	.130	2	6	2.23	18	.15	2	1.59	.07	.74	2	149
8196	4	97	9	34	.2	10	31	393	9.35	7	8	ND	1	39	1	2	2	85	1.56	.130	2	5	1.91	14	.05	2	1.25	.07	.72	1	175
8197	4	33	6	27	.3	7	13	560	5.49	5	6	ND	2	116	1	3	3	50	4.65	.135	2	3	1.43	36	.01	5	.75	.08	.41	1	136
8198	36	37	7	16	.3	6	18	473	6.47	2	9	ND	3	90	1	8	3	31	3.77	.133	2	1	.98	36	.01	2	.48	.07	.21	1	148
8199	5	34	7	17	.2	5	24	315	7.20	3	6	ND	3	57	1	2	2	24	2.70	.132	2	1	.78	20	.02	4	.64	.06	.39	1	190
8200	3	31	7	22	.2	6	24	244	7.30	3	5	ND	3	35	1	2	2	37	1.41	.144	2	1	1.02	17	.10	2	.84	.07	.50	1	89
STD C/AU-R	21	57	41	133	6.9	66	28	996	3.96	41	17	7	34	47	17	18	21	66	.48	.102	33	58	.88	176	.08	33	1.73	.08	.12	13	490

LK-36-25

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH JML 3-1-2 MCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SM, Y, NR AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-2 CORES P3-SLUDGE AU1 ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: SEPT 30 1986 DATE REPORT MAILED: *Oct 6/86* ASSAYER: *D. J. Jeff* DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-2942

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au1
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	PPM	PPM	I	PPM	I	PPM	I	I	I	PPM	PPM
8201	5	106	7	26	.1	6	19	340	5.51	3	5	ND	2	50	1	3	2	41	2.02	.163	4	3	1.20	32	.10	6	1.02	.07	.64	2	89
8202	4	37	5	24	.1	6	18	299	6.51	4	5	ND	4	46	1	3	2	30	1.81	.174	2	1	1.15	31	.09	3	.93	.07	.53	1	47
8203	7	27	7	21	.1	5	15	214	5.78	2	5	ND	3	28	1	2	2	34	1.18	.168	3	1	1.04	31	.09	6	.86	.06	.55	1	45
8204	4	86	5	27	.1	16	34	357	8.40	2	5	ND	2	43	1	2	2	68	1.86	.157	2	19	1.46	16	.11	2	1.07	.07	.62	1	114
8205	6	113	6	34	.1	16	27	396	7.66	2	5	ND	2	46	1	2	2	92	1.54	.150	4	15	2.01	31	.15	2	1.37	.07	.72	1	47
8206	7	49	7	29	.2	14	27	423	6.20	2	5	ND	2	45	1	2	2	81	1.71	.148	2	12	1.67	36	.14	3	1.28	.07	.64	1	71
8207	5	40	5	30	.1	12	23	344	6.79	3	5	ND	2	41	1	8	2	115	1.39	.145	2	10	2.21	32	.15	3	1.54	.08	.68	1	90
8208	4	238	5	36	.3	15	17	677	5.35	3	5	ND	2	65	1	3	2	131	2.40	.131	2	33	2.48	30	.18	3	1.98	.09	1.41	1	175
8209	15	42	7	13	.1	15	22	221	5.47	3	5	ND	2	62	1	4	2	50	2.13	.126	2	13	.80	21	.08	5	.72	.07	.54	1	60
8210	4	284	3	45	.2	25	26	483	5.91	2	5	ND	3	59	1	2	2	118	1.46	.122	2	65	3.06	37	.08	3	2.10	.07	.94	1	67
8211	6	858	2	22	1.0	20	29	361	4.16	7	5	ND	2	90	1	7	2	102	2.75	.115	3	35	1.49	43	.11	7	1.14	.08	.50	1	116
8212	4	320	4	60	.5	31	24	662	6.51	5	5	ND	2	99	1	2	2	166	2.76	.156	2	76	3.53	40	.15	2	2.58	.08	1.50	1	129
8213	10	251	2	40	.3	26	25	527	6.93	2	5	ND	2	74	1	2	2	175	2.79	.107	2	43	2.48	26	.12	2	1.68	.08	.78	1	185
8214	11	317	5	28	.4	30	29	653	6.79	5	2	ND	2	142	1	2	2	190	5.48	.103	4	60	1.96	23	.10	3	1.30	.10	.69	1	72
STD C/AU-R	19	56	40	131	6.9	67	26	998	3.93	36	18	6	32	43	16	16	17	62	.44	.097	35	51	.82	167	.07	34	1.70	.08	.13	12	505
8215	3	219	5	38	.2	32	29	686	7.10	3	5	ND	2	95	1	2	2	235	3.51	.098	4	79	3.18	37	.17	2	2.14	.09	1.28	1	76
8216	12	236	2	27	.4	4	16	376	4.63	2	5	ND	3	75	1	2	2	42	2.75	.156	2	2	1.21	32	.07	5	1.08	.07	.56	1	101
8217	2	610	9	22	.6	4	9	325	5.89	3	5	ND	2	52	1	2	2	73	1.30	.146	3	4	1.50	25	.13	6	1.27	.07	.80	1	220
8218	2	364	2	21	.3	3	6	440	4.92	2	5	ND	2	80	1	2	2	56	2.98	.143	3	1	1.28	31	.04	6	1.06	.07	.50	1	190
8219	4	240	8	20	.3	4	13	343	5.09	4	5	ND	2	58	1	2	2	66	1.82	.148	5	3	1.38	31	.12	5	1.19	.07	.83	1	160

LK-86-25

LK-86-26

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.MA.K.W.SI.ZR.CE.SM.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: CORE AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU11 ANALYSIS BY FA#AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 4 1986 DATE REPORT MAILED: *Oct 9/86* ASSAYER: *D. Lopez* DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3054

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au#	Au11
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	07/1
8303	1	15	3	35	.2	13	18	789	4.69	11	7	ND	2	124	1	2	2	111	3.48	.148	7	25	1.97	78	.18	4	1.78	.04	.74	1	124	-
8304	6	406	2	34	.3	11	47	705	6.84	7	5	ND	2	120	1	2	2	131	4.05	.129	9	7	2.21	35	.16	2	1.63	.04	1.33	1	66	-
8305	10	273	2	30	.1	12	36	571	6.08	5	5	ND	2	87	1	2	2	82	3.15	.126	7	5	1.81	35	.16	2	1.48	.03	1.27	1	77	-
8306	2	832	8	29	.4	11	27	550	6.02	8	5	ND	3	83	2	2	2	87	3.15	.108	9	12	1.68	39	.12	4	1.35	.03	1.15	1	320	-
8307	1	287	3	34	.2	9	29	775	4.47	9	7	ND	2	100	1	2	3	74	4.20	.148	4	12	1.80	58	.15	2	1.51	.03	1.16	1	69	-
8308	2	200	2	16	.1	6	22	459	3.83	2	5	ND	2	76	1	2	2	56	2.02	.128	5	4	.90	40	.15	3	.85	.03	.42	1	92	-
8309	1	235	10	25	.2	11	32	781	7.86	9	5	ND	2	83	1	2	2	64	3.38	.078	6	16	1.52	37	.12	2	1.29	.01	1.05	1	175	-
8310	3	418	4	23	.3	5	39	330	5.75	7	6	ND	3	49	1	3	2	35	1.39	.132	5	2	1.34	24	.11	3	1.18	.02	.83	1	104	-
8311	5	286	6	38	.2	17	34	521	5.65	6	5	ND	2	81	1	2	2	85	2.30	.112	6	21	2.35	35	.18	3	1.84	.03	1.52	1	72	-
8312	4	239	2	46	.3	17	32	582	6.47	10	5	ND	2	83	1	2	2	95	2.42	.127	8	29	2.38	27	.14	4	1.81	.03	1.50	1	295	-
8313	2	411	12	46	1.9	9	31	396	5.39	6	5	ND	2	95	1	3	2	49	2.79	.145	5	9	1.31	16	.02	8	.74	.03	.50	1	131	-
8314	4	508	4376	5228	16.4	2	32	603	4.51	19	6	ND	2	263	118	46	2	21	4.75	.158	6	1	1.37	13	.01	4	.33	.02	.24	1	210	-
8315	9	633	24	125	4.7	6	15	462	6.22	13	5	ND	2	151	2	7	2	28	3.40	.157	5	2	1.15	19	.01	4	.61	.02	.37	1	1160	.031
8316	11	805	94	5952	6.1	9	21	278	8.21	17	5	3	1	49	39	3	2	76	1.29	.106	3	16	1.47	21	.10	4	1.08	.04	.86	1	3280	.097
8317	8	41	14	23	.3	7	20	219	4.82	8	5	ND	3	44	1	3	2	47	1.26	.136	6	8	1.20	26	.09	6	.95	.03	.75	1	47	-
8318	5	45	12	35	.1	6	15	203	4.21	6	5	ND	3	45	1	2	2	33	1.22	.148	7	3	1.12	36	.08	4	.92	.04	.70	1	61	-
8319	4	43	10	35	.4	20	27	367	6.87	9	5	ND	3	79	1	3	2	119	2.72	.121	8	32	2.18	28	.14	3	1.40	.05	1.08	1	560	-
8320	9	1583	9	26	1.6	5	23	274	5.50	5	5	ND	2	64	1	2	2	55	1.62	.136	6	9	1.58	27	.13	2	1.18	.03	1.01	1	860	-
8321	7	159	5	25	.2	8	27	311	5.22	8	5	ND	2	85	1	2	2	62	2.04	.140	4	5	1.71	44	.15	6	1.29	.03	1.13	1	138	-
8322	3	140	2	24	.2	4	13	440	2.40	4	5	ND	5	101	1	2	2	40	3.74	.098	8	3	.82	109	.06	3	.82	.04	.49	1	39	-
8323	1	80	2	33	.1	4	10	499	2.19	4	5	ND	1	106	1	2	2	24	2.33	.103	5	3	.77	67	.13	7	1.01	.05	.59	1	45	-
8324	1	54	2	24	.1	4	10	529	2.25	4	5	ND	1	65	1	2	2	11	3.34	.103	6	2	.59	77	.03	3	.58	.03	.35	1	65	-
8325	1	81	2	22	.1	3	13	500	1.97	6	5	ND	2	84	1	3	2	16	3.14	.099	4	3	.54	47	.08	6	.76	.04	.42	1	18	-
8326	1	58	2	29	.1	2	13	371	2.27	5	5	ND	1	77	1	2	2	20	1.91	.106	4	3	.71	55	.12	4	.92	.04	.52	1	17	-
8327	2	43	2	34	.2	21	19	840	3.91	12	6	ND	3	117	1	2	2	57	5.42	.127	9	27	1.73	73	.13	5	1.56	.03	1.00	1	122	-
8328	16	168	8	43	.2	57	41	1105	7.48	12	5	ND	1	52	1	2	2	100	2.50	.096	6	197	2.84	28	.17	2	1.90	.03	1.31	2	117	-
8329	17	123	9	34	.1	34	31	983	6.80	16	5	ND	1	54	1	2	2	89	2.41	.103	6	103	2.50	28	.18	2	1.69	.03	1.38	1	83	-
8330	63	81	15	20	.4	8	25	355	5.91	9	5	ND	2	35	1	2	2	43	1.50	.135	4	24	1.17	24	.09	2	.97	.03	.72	3	1100	.029
8331	15	52	7	27	.1	32	33	791	8.32	18	5	ND	2	71	1	2	2	77	3.15	.094	8	112	1.93	36	.17	5	1.30	.03	1.11	1	103	-
8332	4	78	10	49	.1	43	24	1232	5.40	10	5	ND	1	75	1	2	2	83	3.22	.085	5	188	2.86	63	.18	2	1.91	.02	1.64	1	74	-
8333	6	95	14	27	.2	28	32	569	7.85	10	5	ND	3	47	1	4	2	50	2.02	.135	7	42	1.62	19	.07	4	1.23	.03	.86	1	109	-
8334	1	50	6	23	.1	11	22	317	6.63	11	5	ND	3	31	1	3	2	43	1.14	.142	7	9	1.41	20	.05	3	1.05	.02	.50	1	64	-
8335	1	111	6	17	.1	11	17	525	3.66	7	5	ND	2	83	1	2	2	33	2.82	.080	5	52	1.15	25	.02	3	.82	.04	.52	1	71	-
8336	1	134	5	8	.3	1	10	525	1.74	4	7	ND	3	102	1	2	3	15	3.43	.071	7	6	.45	66	.01	4	.43	.04	.24	1	43	-
STD C/AU-R	21	57	36	134	6.9	69	30	1018	3.96	38	20	7	33	48	17	17	18	63	.48	.103	36	57	.88	180	.08	35	1.73	.06	.13	13	495	-

LK-86-27

LK-86-28

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: P1-CORE P2-SLUDGE AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU## BY FIRE ASSAY

DATE RECEIVED: OCT 4 1986 DATE REPORT MAILED: *Oct 15/86* ASSAYER: *D. Toye*. DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3053

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	AuI	AuII	
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
8363	1	54	7	16	.1	1	8	466	2.12	2	5	ND	3	77	1	2	3	23	3.12	.069	5	8	.58	77	.07	2	.67	.05	.50	2	55	-	
8364	8	154	11	55	.3	21	30	945	5.36	7	5	ND	1	63	1	2	2	98	1.89	.107	4	66	2.65	63	.24	5	2.33	.03	2.18	1	109	-	
8365	8	334	6	29	.3	10	30	843	5.53	10	5	ND	3	83	1	2	2	51	4.33	.103	7	1	1.43	49	.14	4	1.38	.03	1.12	2	2100	.059	
8366	1	175	2	29	.1	10	16	553	3.21	3	5	ND	1	74	1	2	2	47	2.41	.109	4	18	1.37	85	.18	2	1.38	.04	1.11	1	1060	.033	
8367	6	113	12	31	.2	11	38	558	5.16	9	5	ND	1	65	1	3	2	54	1.79	.125	2	9	1.64	44	.18	2	1.52	.03	1.26	1	350	-	
8368	8	371	30	64	.8	22	47	1154	7.42	16	5	ND	2	97	1	2	2	134	3.35	.104	7	136	3.11	41	.20	2	2.39	.02	1.92	1	290	-	
8369	6	222	41	90	1.3	15	31	1510	6.39	10	6	ND	4	437	1	3	2	98	6.26	.128	6	32	1.98	50	.01	4	1.33	.02	.21	1	190	-	
8370	1	524	5	42	.4	4	36	821	4.96	8	5	ND	1	94	1	2	2	79	3.03	.180	3	3	2.18	54	.15	3	1.93	.03	.61	1	305	-	
8371	1	390	2	38	.4	6	32	820	5.05	6	5	ND	2	130	1	2	2	76	3.63	.162	8	9	1.78	56	.11	3	1.70	.03	1.14	1	139	-	
8372	5	742	4	51	.8	8	21	733	5.55	7	5	ND	2	88	1	3	2	72	2.75	.119	3	14	1.78	66	.16	2	1.60	.03	1.39	2	165	-	
8373	2	309	12	56	.3	18	32	1102	5.82	10	5	ND	2	127	1	2	2	129	3.80	.116	6	109	2.63	50	.21	2	2.24	.03	2.04	1	160	-	
8374	2	509	9	34	.3	4	41	809	6.21	10	5	ND	1	167	1	2	2	67	3.40	.152	7	4	1.66	22	.16	2	1.53	.03	1.02	1	150	-	
8375	3	42	18	79	.4	187	24	1104	4.63	14	8	ND	23	1753	1	3	2	74	8.52	.739	272	236	5.36	1513	.07	3	2.69	.11	2.18	1	7	-	
8376	3	402	9	36	.4	6	24	725	7.05	8	5	ND	2	199	1	2	2	73	3.63	.147	8	3	1.67	47	.17	2	1.66	.02	1.40	26	114	-	
8377	1	23	8	26	.1	12	12	687	3.63	7	5	ND	3	225	1	3	2	44	3.65	.108	6	13	1.10	64	.11	2	1.17	.04	.94	2	62	-	
8378	1	105	9	49	.1	6	19	1258	5.15	9	5	ND	1	51	1	2	2	63	.60	.149	6	3	1.22	76	.18	5	1.47	.02	1.19	1	295	-	
8379	1	45	8	16	.4	2	5	565	1.54	4	5	ND	3	174	1	2	5	6	2.76	.058	6	2	.26	53	.02	2	.41	.04	.31	2	520	-	
8380	1	32	5	8	.1	3	5	467	1.16	5	5	ND	3	134	1	2	3	3	2.06	.060	11	3	.11	51	.01	3	.35	.03	.24	1	210	-	
8381	1	21	4	14	.1	1	5	291	1.39	2	5	ND	2	52	1	2	2	5	.71	.063	8	1	.20	54	.01	4	.39	.03	.27	1	190	-	
8382	1	62	2	15	.3	1	7	599	1.51	3	5	ND	3	179	1	2	3	4	2.48	.057	6	1	.20	48	.01	2	.34	.03	.27	1	290	-	
STD C/AU-R	21	58	36	134	6.9	68	29	1021	3.95	38	17	7	34	49	17	15	21	64	.48	.099	37	59	.88	182	.09	35	1.73	.06	.13	13	490	-	

Lk-30-23

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR: MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SM, Y, MO AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: CORE AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 7 1986 DATE REPORT MAILED: *Oct 15/86* ASSAYER: *D. Lyy.* DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE# 86-3101

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au1
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
8383	4	768	14	67	1.6	6	18	786	5.53	4	5	ND	2	153	1	2	3	57	2.42	.156	8	1	1.47	46	.15	4	1.27	.07	1.13	2	640
8384	5	174	51	48	1.2	10	25	697	6.00	13	5	ND	3	137	1	2	2	51	1.86	.147	9	4	1.36	36	.08	5	.89	.07	.71	1	520
8385	4	157	26	50	.8	8	21	856	5.35	4	5	ND	3	146	1	2	2	43	2.50	.148	8	1	1.40	47	.09	6	.82	.07	.72	1	1170
8386	5	195	47	98	.9	34	24	1964	6.84	12	5	ND	2	244	1	2	2	72	5.24	.096	11	86	3.27	62	.16	5	1.38	.07	1.29	1	118
8387	4	151	35	65	.7	11	23	1354	6.33	8	5	ND	2	196	1	2	2	75	3.33	.138	6	3	2.06	49	.16	2	1.31	.07	1.19	1	420
8388	4	119	24	75	.6	19	22	1358	6.76	3	5	ND	3	186	1	2	2	158	3.53	.136	12	34	2.63	45	.28	2	2.35	.08	2.26	1	265
8389	5	231	9	64	.7	20	24	1221	6.20	7	5	ND	2	151	1	2	2	169	3.19	.111	12	90	2.83	44	.25	3	2.53	.08	2.20	1	345
8390	2	146	5	46	.5	4	14	686	5.40	5	5	ND	3	141	1	2	2	97	2.29	.128	13	1	1.67	57	.22	4	1.74	.07	1.66	1	159
8391	2	149	6	68	.6	4	15	828	4.80	5	5	ND	3	188	1	2	2	67	2.37	.120	9	1	1.48	59	.15	3	1.28	.07	1.17	1	157
8392	4	441	9	45	1.3	4	17	980	5.29	10	5	ND	2	279	1	2	2	30	3.28	.162	9	1	1.37	40	.05	6	.61	.07	.52	2	330
8393	1	239	13	34	1.3	4	7	701	3.83	3	5	ND	3	216	1	4	2	22	2.87	.111	6	6	.99	38	.02	2	.42	.07	.32	1	265
8394	2	359	9	40	.9	4	13	727	4.99	8	5	ND	2	264	1	2	2	56	3.31	.155	5	3	1.12	44	.10	2	.94	.07	.78	1	430
8395	2	438	5	35	.8	3	11	786	3.81	2	5	ND	3	310	1	2	2	79	4.54	.152	9	1	1.32	88	.20	3	1.53	.08	1.38	2	129
8396	1	139	6	35	.5	3	11	667	4.28	3	5	ND	2	242	1	2	2	67	3.85	.154	10	1	1.19	55	.12	3	1.19	.07	.92	2	155
8397	1	186	4	24	.3	2	9	635	2.83	3	5	ND	3	183	1	5	2	61	3.56	.116	7	4	1.01	57	.13	2	1.16	.08	.93	1	52
8398	1	190	9	37	.5	3	9	731	3.46	2	5	ND	2	200	1	2	2	70	3.88	.123	6	3	1.23	41	.10	2	1.16	.07	.73	2	71
8399	5	241	15	29	.6	9	16	641	6.73	9	5	ND	2	125	1	2	4	70	3.08	.110	13	18	1.13	34	.11	3	1.05	.07	.84	16	80
8400	5	192	17	40	.6	13	25	703	7.16	11	5	ND	3	88	1	2	2	86	2.21	.131	9	14	1.58	38	.12	7	1.36	.07	1.03	2	93
8401	4	34	9	48	.3	4	10	654	4.67	11	5	ND	3	89	1	6	2	66	2.40	.137	11	2	1.44	48	.12	3	1.27	.06	1.08	115	75
8402	4	34	9	37	.4	12	28	567	7.41	15	5	ND	3	71	1	2	3	82	2.10	.141	9	11	1.24	35	.14	2	1.08	.08	.88	3	61
8403	2	266	4	75	.7	18	37	1579	7.21	10	5	ND	2	95	1	2	2	141	2.92	.135	9	32	2.61	47	.21	3	2.20	.08	1.90	1	129
STD C/AU-R	22	57	43	135	6.9	71	29	1022	3.98	41	17	8	33	46	18	17	18	67	.48	.105	38	60	.88	174	.08	35	1.73	.08	.14	12	480

Uc-235

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, IR, CE, SN, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: CORE AU: ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 7 1986 DATE REPORT MAILED: *Oct 15/86* ASSAYER: *D. Toye*... DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3106

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	N	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPB
8404	2	354	18	60	.6	5	36	1178	7.04	22	5	ND	2	118	1	2	2	55	3.98	.133	6	7	1.15	14	.11	2	1.03	.01	.86	3	174
8405	1	72	19	59	.2	11	27	1169	7.67	29	5	ND	2	95	1	2	2	69	2.43	.140	5	9	1.50	14	.14	2	1.35	.01	1.18	1	118
8406	1	98	15	45	.4	12	22	1020	5.21	21	8	ND	3	110	1	2	2	71	3.17	.117	6	21	1.42	28	.14	2	1.25	.02	1.04	4	230
8407	8	313	37	53	1.3	28	48	1449	12.62	58	5	ND	2	97	1	2	3	88	3.65	.108	7	30	1.07	18	.12	2	.88	.01	.79	9	760
8408	1	769	20	100	1.0	29	26	2208	7.58	29	5	ND	1	64	1	2	2	143	2.13	.104	3	55	2.15	18	.22	2	1.83	.02	1.64	1	290
8409	1	729	21	95	1.2	24	35	2135	8.84	37	5	ND	1	59	1	2	2	127	1.78	.115	5	34	1.90	14	.22	3	1.68	.02	1.42	3	310
8410	1	392	24	113	.9	21	48	1751	7.51	28	5	ND	2	95	1	2	2	106	2.33	.168	5	25	2.00	18	.19	2	1.74	.02	1.43	2	220
8411	5	450	87	3258	2.0	17	36	908	7.03	39	5	ND	2	50	18	2	2	68	2.00	.124	3	20	1.11	18	.14	2	.97	.01	.77	1	290
8412	1	31	23	111	.2	23	31	1614	7.27	18	5	ND	2	72	1	2	2	129	2.89	.115	5	38	2.46	22	.22	2	2.02	.02	1.85	2	133
8413	9	95	48	51	1.3	19	39	799	10.61	29	5	ND	1	81	1	2	16	61	1.84	.086	3	23	.95	8	.05	4	.77	.02	.55	3	1470
8414	1	182	27	101	.7	25	29	1980	6.74	21	10	ND	2	475	1	2	2	129	3.42	.128	5	52	2.65	14	.20	2	2.33	.02	2.07	1	26
8415	1	206	15	98	.3	31	36	2273	6.85	13	7	ND	3	113	1	2	2	132	4.47	.120	3	61	2.60	25	.22	2	2.33	.02	2.10	4	160
8416	10	116	54	22	1.3	25	106	418	17.97	59	5	ND	1	38	2	2	2	45	1.37	.070	11	17	.70	10	.12	3	.52	.03	.52	6	146
8417	1	237	6	63	.3	19	31	977	5.88	13	5	ND	1	88	1	2	2	119	2.24	.138	5	37	2.46	22	.18	2	1.94	.03	1.45	2	109
8418	1	591	20	45	.8	17	47	867	9.14	17	5	ND	2	83	1	2	2	76	2.78	.200	6	15	1.48	15	.13	2	1.22	.02	.95	2	187
8419	1	1819	4	59	1.2	16	16	966	5.44	10	5	ND	2	104	1	2	2	130	2.69	.141	6	37	2.54	28	.18	3	2.00	.03	1.71	11	293
8420	1	264	13	30	.5	5	14	615	3.48	6	6	ND	2	97	1	2	2	55	2.95	.119	5	20	1.09	47	.15	3	1.16	.03	.91	5	360
8421	1	162	7	60	.4	17	26	998	6.07	14	6	ND	2	70	1	2	2	122	2.52	.124	5	34	2.59	22	.19	2	2.06	.02	1.95	3	117
STD C/AU-R	21	60	38	136	7.0	68	31	1027	3.95	42	18	8	33	48	18	15	19	63	.48	.109	37	58	.88	180	.08	37	1.71	.06	.14	12	530

CK-36 23

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR NM, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SN, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: CORE AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: OCT 8 1986 DATE REPORT MAILED: *Oct 16/86* ASSAYER: *D. Toy*... DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3125

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	AuT
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	I	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	I	I	PPH	PPH	I	PPH	I	PPH	I	I	I	PPH	PPB	
8422	2	557	3	26	.7	5	8	594	4.30	6	5	ND	1	110	1	2	6	48	2.93	.118	3	4	.95	36	.11	2	.95	.03	.80	8	210
8423	1	239	3	34	.2	10	19	629	4.36	10	5	ND	2	105	1	2	5	66	2.65	.116	3	12	1.31	43	.14	4	1.20	.03	1.07	1	68
8424	3	231	2	13	.4	5	11	375	2.13	5	5	ND	3	144	1	2	7	27	2.26	.067	3	5	.47	40	.03	4	.49	.04	.30	1	1350
8425	4	463	10	45	.4	16	33	810	5.88	12	5	ND	2	214	1	2	2	133	4.41	.124	2	31	2.13	51	.19	3	1.81	.03	1.47	1	190
8426	2	179	9	59	.7	5	19	1319	4.45	16	6	ND	4	372	1	2	2	41	9.18	.110	2	3	.90	64	.10	3	.90	.02	.79	1	350
8427	2	305	14	30	.2	15	37	395	5.45	15	5	ND	1	131	1	2	2	114	2.15	.134	2	13	1.71	48	.23	2	1.72	.03	1.64	1	128
8428	4	44	10	53	.3	4	11	503	3.24	4	5	ND	3	208	1	2	3	15	2.12	.112	2	3	.97	49	.03	2	.44	.02	.35	1	96
8429	3	132	10	41	.3	8	22	540	4.41	7	5	ND	2	223	1	2	2	30	2.27	.159	2	2	1.29	42	.02	4	.65	.04	.32	2	15
8430	2	341	2	69	.7	18	29	823	5.72	13	5	ND	1	360	1	2	3	58	3.53	.111	2	23	1.89	38	.01	2	.88	.02	.28	1	119
8431	6	72	60	8	.6	12	26	278	3.01	9	5	ND	1	130	1	3	2	12	1.38	.114	2	5	.30	47	.01	6	.27	.02	.21	1	30
8432	2	102	17	66	.2	18	26	1494	6.02	21	5	ND	2	293	1	2	2	61	4.56	.121	2	13	2.14	43	.08	2	1.07	.02	.73	1	33
8433	3	110	15	122	.4	24	25	1876	5.79	21	5	ND	3	338	1	2	2	74	7.16	.115	4	60	2.61	36	.03	2	1.83	.01	.27	1	21
8434	5	107	14	123	.3	29	26	1503	5.66	19	5	ND	3	287	1	2	2	129	7.03	.107	3	91	3.18	64	.05	2	2.76	.02	.35	1	15
8435	6	202	7	50	1.0	10	18	809	7.11	12	5	ND	2	215	1	2	5	117	3.94	.157	2	6	2.14	20	.14	4	1.74	.03	.72	2	390
8436	2	151	6	68	.5	8	24	839	6.04	10	5	ND	1	216	1	2	2	147	3.89	.138	2	7	2.24	29	.15	2	1.90	.02	.84	1	195
8437	4	36	8	50	.7	14	27	833	7.01	13	5	ND	2	166	1	2	2	96	4.02	.139	2	9	1.99	29	.03	6	1.11	.03	.41	2	123
8438	6	264	11	37	.2	13	32	791	7.33	11	5	ND	1	93	1	2	6	115	3.04	.136	2	17	2.41	26	.15	2	1.85	.03	1.41	1	150
8439	5	126	12	34	.1	12	35	541	7.79	11	5	ND	2	85	1	2	3	97	3.06	.143	2	10	2.13	38	.06	4	1.35	.04	1.11	2	48
8440	5	40	9	38	.1	13	31	412	8.99	14	5	ND	1	50	1	2	2	144	1.32	.143	2	14	2.57	24	.18	2	1.78	.04	1.65	1	43
8441	3	101	11	30	.1	9	24	608	5.82	9	5	ND	1	94	1	2	2	91	2.82	.146	7	9	1.83	41	.18	4	1.50	.04	1.31	1	88
STD C/AU-R	22	63	42	135	7.0	69	29	1036	3.94	43	18	8	34	50	16	16	18	64	.45	.107	37	59	.88	185	.08	34	1.73	.06	.14	12	505

LK-86-28

OK-36-27

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, NI, SI, ZR, CE, SM, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.

- SAMPLE TYPE: CORE AU ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU11 BY FIRE ASSAY

DATE RECEIVED: OCT 10 1986 DATE REPORT MAILED: Oct 16/86 ASSAYER: D. Ingers... DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # B6-3155

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Table with columns: SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, Zr, Al, Na, K, W, Au1, Au11. Rows include sample IDs 8442 through 8472 and a STD C/AU-R row.

LK-86-29

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MM.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.ND AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU ANALYSIS BY AA FROM 10 GRAM SAMPLE.

P2-SLUDGES

DATE RECEIVED: OCT 10 1986 DATE REPORT MAILED: *Oct 17/86* ASSAYER: *D. J. [Signature]* DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3156

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe I	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca I	P I	La PPM	Cr PPM	Mg I	Ba PPM	Ti I	B PPM	Al I	Na I	K I	W PPM	Au PPB
8473	1	90	6	30	.5	4	9	509	3.10	5	5	ND	3	220	1	3	4	29	3.03	.092	7	5	.91	69	.06	2	.78	.08	.55	1	200
8474	5	163	5	38	.5	4	8	616	3.61	2	5	ND	3	190	1	2	2	45	2.82	.094	8	5	.95	79	.12	2	1.07	.09	.84	1	210
8475	4	2469	9	36	3.0	9	34	619	9.97	8	5	ND	2	169	2	2	2	64	3.32	.129	19	5	1.34	19	.04	14	.82	.08	.37	1	790
8476	2	200	7	21	.7	4	8	405	3.76	2	5	ND	2	112	1	3	2	19	2.77	.112	8	4	.99	36	.01	2	.34	.08	.23	1	390
8477	7	375	8	79	.7	8	19	558	5.20	2	5	ND	2	132	1	2	2	44	2.50	.147	2	4	1.59	34	.02	3	.80	.07	.34	1	93
8478	10	540	13	73	1.3	4	10	470	4.04	6	5	ND	2	162	1	2	11	35	3.44	.109	3	3	.80	32	.02	2	.58	.07	.30	1	420
8479	8	733	27	38	2.2	5	17	532	5.07	8	5	ND	2	205	1	2	4	26	2.70	.112	8	2	.76	38	.02	4	.46	.07	.33	1	530
8480	3	266	12	41	.7	5	18	727	6.15	2	5	ND	2	238	1	2	2	85	3.31	.170	7	4	1.56	69	.19	3	1.58	.08	1.27	1	145
8481	10	236	7	32	.6	4	13	568	3.93	8	5	ND	3	248	1	2	2	50	3.51	.146	4	4	1.10	76	.12	23	1.23	.08	.87	1	200
8482	7	388	5	42	.8	5	19	644	5.56	6	5	ND	3	225	1	2	2	81	3.14	.164	9	2	1.62	86	.20	2	1.71	.08	1.32	1	260
8483	4	394	11	36	.8	5	22	624	5.39	2	5	ND	3	251	1	2	2	61	3.32	.165	6	1	1.37	60	.13	22	1.36	.08	.97	1	330
8484	4	276	12	39	.9	17	27	638	6.40	3	5	ND	1	217	1	2	2	70	3.07	.118	10	10	1.55	66	.11	21	1.07	.08	.87	1	190
8485	13	49	27	29	1.5	20	74	642	13.50	15	7	ND	2	257	1	2	2	25	3.12	.093	2	8	.57	27	.02	4	.56	.07	.29	1	920
8486	2	650	18	110	1.1	3	6	1146	2.63	6	5	ND	2	230	1	4	2	17	4.22	.100	3	3	.55	62	.03	2	.71	.06	.38	1	50
8487	7	87	20	75	.5	9	17	1174	4.72	9	5	ND	1	262	1	2	2	30	3.89	.148	4	4	1.10	52	.01	2	1.12	.07	.23	1	48
8488	1	14	13	39	.3	2	4	1018	1.39	2	5	ND	3	311	1	2	2	5	3.58	.061	10	1	.17	80	.01	2	.36	.06	.23	2	340
8489	1	5	10	77	.1	1	3	908	1.10	2	5	ND	4	425	1	5	2	4	3.52	.059	16	3	.11	94	.01	2	.28	.06	.21	1	38
8490	1	14	5	26	.1	2	4	1002	1.21	2	5	ND	2	245	1	2	2	5	3.58	.057	6	1	.09	66	.01	2	.39	.06	.27	2	21
8491	1	25	5	20	.2	2	4	1763	1.71	6	5	ND	2	235	1	2	2	4	3.76	.062	5	1	.23	61	.01	3	.30	.06	.21	1	1
8492	3	118	17	115	.7	8	16	2503	4.94	18	12	ND	2	316	1	2	2	22	6.29	.143	2	6	1.44	55	.01	3	.76	.08	.25	1	24
8493	4	69	69	150	.9	9	15	2284	5.86	11	8	ND	2	160	1	2	2	13	4.36	.127	9	1	.86	35	.01	3	.32	.06	.21	1	17
8494	11	112	15	58	1.4	10	21	1114	6.39	10	9	ND	1	247	1	4	2	74	4.87	.122	5	2	1.77	30	.01	4	.73	.08	.31	1	210
8495	5	236	9	27	.5	29	37	625	7.35	7	5	ND	1	75	1	2	2	72	2.60	.107	2	31	1.33	51	.13	2	1.11	.07	.84	2	350
8496	6	125	5	39	.5	13	24	793	5.98	4	5	ND	2	97	1	2	2	100	3.35	.136	3	24	2.17	42	.13	3	1.65	.08	.66	2	300
8497	6	238	9	30	.6	12	38	653	8.56	7	5	ND	2	82	1	2	2	113	2.87	.134	2	8	2.00	34	.15	2	1.50	.09	.89	1	240
8498	3	363	7	30	.6	14	21	519	5.99	3	5	ND	1	58	1	2	2	99	2.03	.139	3	11	1.87	48	.13	2	1.33	.08	.99	1	78
8499	5	461	5	29	.5	24	21	589	5.68	5	5	ND	1	72	1	2	2	73	2.65	.152	8	29	1.61	51	.14	3	1.25	.08	.92	2	113
8500	14	238	12	33	.6	29	60	706	11.81	9	6	ND	2	84	1	2	2	89	3.42	.134	2	22	1.74	34	.12	2	1.32	.08	1.07	1	122
8501	6	132	10	35	.5	13	25	660	7.01	2	5	ND	1	63	1	2	2	107	2.61	.144	2	7	2.09	41	.17	2	1.57	.09	1.29	1	130
STD C/AU-R	20	59	40	134	7.1	69	28	1014	3.94	40	19	7	34	48	18	17	18	67	.48	.103	39	55	.88	180	.08	33	1.73	.06	.14	13	500

UC-86-50

UC-86-50

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.MA.K.W.SI.ZR.CE.SM.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: CORE AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU# BY FIRE ASSAY

DATE RECEIVED: OCT 15 1986 DATE REPORT MAILED: *Oct 22/86* ASSAYER: *D. Toy* DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3217

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UC-36-30

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au1	Au11
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	OZ/T
8502	4	106	7	40	.3	11	25	715	6.05	6	5	ND	1	75	1	2	2	83	2.21	.114	11	7	1.94	31	.17	4	1.82	.08	1.37	1	240	-
8503	6	44	4	33	.4	9	17	803	7.20	8	7	ND	1	78	1	2	5	81	3.41	.110	9	7	1.80	39	.14	2	1.46	.09	1.00	1	350	-
8504	6	213	7	38	.4	9	18	666	7.65	12	5	ND	2	79	1	10	2	92	2.56	.124	17	6	1.89	30	.12	2	1.59	.09	.99	1	430	-
8505	6	110	6	22	.2	8	17	310	5.70	7	5	ND	2	31	1	2	2	70	1.27	.134	13	3	1.09	39	.16	5	1.03	.07	.66	1	54	-
8506	8	54	5	25	.2	11	21	314	7.33	7	5	ND	2	28	1	2	2	98	1.30	.136	8	8	1.75	37	.14	5	1.28	.08	.52	1	57	-
8507	6	96	9	32	.2	12	23	360	6.72	6	5	ND	2	33	1	2	2	95	1.29	.132	7	8	1.82	37	.15	7	1.38	.08	.71	2	64	-
8508	5	285	6	38	.4	11	20	484	7.22	11	5	ND	2	45	1	2	2	131	1.82	.135	11	7	2.35	38	.13	2	1.66	.09	.79	2	69	-
8509	6	33	7	40	.1	14	22	640	6.63	8	5	ND	2	54	1	3	2	120	1.99	.120	10	16	2.14	30	.14	2	1.54	.10	.86	1	58	-
8510	4	47	6	40	.3	13	20	815	6.04	6	6	ND	2	86	1	2	2	90	2.70	.106	9	19	1.79	43	.12	4	1.38	.09	.99	1	88	-
8511	5	141	4	40	.3	12	18	806	5.51	10	5	ND	2	128	1	2	2	97	3.33	.109	8	17	1.90	32	.11	4	1.45	.09	1.00	1	78	-
8512	70	217	8	52	.5	17	15	756	6.48	2	7	ND	3	149	1	2	3	99	3.68	.157	9	36	2.43	41	.15	3	2.01	.08	1.35	2	310	-
8513	37	159	9	36	.3	13	21	460	6.07	5	5	ND	2	112	1	3	2	95	2.25	.088	8	17	1.83	24	.11	3	1.40	.08	.88	1	171	-
8514	12	46	5	24	.1	17	21	256	5.64	6	5	ND	2	47	1	5	2	179	1.38	.103	8	32	2.46	32	.11	6	1.59	.09	.92	1	46	-
8515	8	32	16	17	.3	19	29	180	11.31	11	5	ND	2	42	1	3	2	121	1.25	.095	9	21	1.49	14	.06	2	1.02	.10	.61	1	81	-
8516	4	21	7	25	.3	18	18	187	6.18	6	5	ND	2	28	1	2	2	160	.80	.102	7	31	2.26	21	.10	2	1.41	.08	.73	1	78	-
8517	58	450	8	40	.6	24	24	597	7.14	7	5	ND	2	80	1	2	2	119	2.81	.102	12	31	2.45	28	.14	5	1.88	.08	1.10	1	133	-
8518	3	339	5	38	.4	25	23	754	5.54	8	5	ND	2	123	1	2	2	135	3.73	.145	8	63	2.70	30	.11	4	1.92	.09	.52	1	135	-
8519	7	131	5	28	.3	18	22	307	6.08	8	5	ND	2	74	1	2	2	88	2.09	.107	9	22	1.84	20	.02	4	1.26	.08	.28	1	250	-
8520	5	106	8	30	.7	23	29	242	8.40	12	5	ND	2	68	1	2	2	123	1.69	.104	8	30	1.83	15	.01	2	1.11	.08	.22	1	1450	.038
8521	2	90	2	33	.2	15	16	263	5.07	2	5	ND	1	67	1	2	2	133	1.24	.089	4	29	2.09	17	.01	3	1.14	.07	.08	1	85	-
8522	3	199	6	53	.4	16	19	498	5.66	8	5	ND	1	94	1	7	2	99	2.13	.096	6	18	1.91	18	.01	3	1.01	.07	.09	1	119	-
8523	3	164	3	37	.2	14	15	628	4.50	2	5	ND	1	84	1	9	2	94	1.90	.102	7	19	1.76	38	.03	5	1.31	.07	.35	1	77	-
8524	2	91	4	39	.4	15	15	461	4.86	4	5	ND	2	56	1	7	2	111	1.49	.109	5	22	2.21	38	.05	5	1.47	.08	.71	1	150	-
8525	5	44	7	31	.3	16	22	345	6.46	8	5	ND	2	74	1	2	2	109	1.63	.099	10	24	2.13	23	.04	4	1.40	.08	.60	1	250	-
8526	5	117	5	30	.6	17	26	397	9.10	11	5	ND	2	73	1	3	2	117	2.05	.095	13	21	2.09	19	.04	2	1.44	.08	.57	1	500	-
8527	4	261	4	39	.4	13	22	497	5.63	4	5	ND	2	84	1	4	2	132	2.20	.132	10	16	2.49	35	.08	3	1.88	.09	.77	1	220	-
8528	4	118	4	38	.4	11	19	420	5.06	2	5	ND	2	57	1	2	2	136	1.62	.122	6	12	2.33	33	.09	3	1.76	.08	.78	1	115	-
8529	5	151	6	39	.2	18	21	384	6.36	5	5	ND	2	52	1	3	3	156	1.33	.112	8	29	2.69	34	.10	6	1.95	.09	.87	1	154	-
8530	2	116	3	21	.3	10	9	780	2.68	3	8	ND	1	127	1	7	2	68	5.38	.063	6	17	1.34	54	.11	2	1.19	.08	.80	1	64	-
8531	5	226	47	76	1.4	18	25	739	5.36	9	5	ND	1	153	1	2	2	108	3.32	.115	9	25	2.33	36	.06	5	1.72	.09	.53	1	157	-
8532	5	121	6	41	.2	22	22	376	6.83	9	5	ND	2	69	1	4	2	187	1.12	.126	11	40	2.91	43	.09	3	1.94	.10	1.00	2	63	-
8533	11	250	5	46	.5	21	24	718	6.53	8	5	ND	2	137	1	2	2	127	3.26	.171	15	37	2.70	69	.18	4	2.32	.09	1.70	3	300	-
STD C/AU-R	21	56	36	128	7.0	64	26	956	3.96	36	18	7	31	43	16	15	19	60	.48	.092	35	53	.88	163	.07	35	1.73	.08	.12	13	510	-

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE 253-3158

DATA LINE 251-1011

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SM, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE

DATE RECEIVED: OCT 15 1986 DATE REPORT MAILED: *Oct 22/86* ASSAYER: *AD. Toyer* DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3221

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
8554	4	279	15	153	.8	9	21	2534	4.94	5	5	ND	2	387	1	2	2	43	6.07	.154	5	7	1.62	52	.04	6	1.74	.08	.32	1
8555	5	92	52	127	.7	25	20	2788	5.60	9	5	ND	1	447	1	2	2	53	9.28	.082	4	48	1.64	17	.01	4	1.04	.08	.12	1
8556	5	87	13	129	.4	15	20	1195	5.63	6	5	ND	1	161	1	2	2	22	5.73	.119	2	6	1.95	28	.01	7	.58	.08	.15	1
8557	7	94	14	265	.3	30	25	1432	6.37	10	5	ND	1	182	2	2	2	83	7.01	.098	10	63	2.09	38	.08	10	1.58	.09	.12	1
8558	4	133	8	101	.4	16	21	1137	4.24	8	5	ND	1	110	1	2	2	44	4.84	.121	6	29	1.73	81	.07	5	1.71	.07	.36	1
8559	8	67	18	45	.5	11	18	1258	4.22	15	5	ND	1	252	1	2	2	12	6.12	.045	2	7	.44	34	.06	6	.50	.06	.13	1
8560	8	1474	46	851	19.5	7	19	21940	16.21	438	7	ND	2	82	7	6	2	12	2.30	.103	10	1	.38	16	.01	2	.37	.07	.20	1
8561	3	62	17	109	.5	13	16	914	4.54	23	5	ND	1	130	1	2	3	17	2.61	.103	3	4	1.28	31	.01	7	.94	.06	.14	1
8562	5	140	16	34	.5	8	22	654	5.57	15	5	ND	1	120	1	2	2	18	3.09	.121	7	3	1.23	17	.01	7	.62	.07	.11	1
STD C	20	57	35	128	7.0	67	28	948	3.94	37	18	6	30	43	16	16	17	60	.48	.090	36	56	.88	166	.07	34	1.73	.08	.12	14

LK-86-31

LACANA MINING PROJECT - 6919 FILE # B6-3194

PAGE 2

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	M	Au#	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	I	PPM	PPM	I	PPM	I	PPM	I	I	I	I	PPM	PPB	OZ/T
8569	10	2741	17	27	3.0	15	45	527	18.02	2	7	ND	2	86	1	2	2	130	2.48	.032	2	5	.57	9	.06	5	.64	.06	.41	1	715	-
8575	15	225	3	17	.3	2	7	241	1.86	2	5	ND	3	87	1	2	2	10	2.14	.058	3	2	.39	34	.01	4	.27	.06	.17	1	47	-
8576	17	232	7	12	.5	3	8	263	2.48	2	5	ND	3	81	1	2	2	13	2.30	.064	3	1	.49	25	.01	4	.18	.06	.13	1	50	-
8577	31	393	7	53	.6	3	10	239	2.69	2	5	ND	3	94	1	2	2	10	2.40	.061	2	3	.21	19	.01	5	.21	.05	.15	1	65	-
8578	11	2193	4	24	1.0	2	6	191	1.42	2	5	ND	2	80	1	2	2	8	1.73	.045	2	3	.20	58	.01	3	.26	.04	.16	1	41	-
8579	14	385	958	1167	1.9	2	6	300	1.65	2	5	ND	3	98	32	2	2	11	2.14	.055	5	3	.40	46	.01	3	.31	.05	.20	1	138	-
8658	2	178	8	48	.3	15	12	351	4.90	4	5	ND	3	80	1	2	2	97	1.36	.153	2	11	1.46	27	.08	10	1.13	.08	.76	2	90	-
8659	3	99	14	65	.4	14	10	510	4.84	2	5	ND	3	118	1	2	2	109	1.75	.133	2	15	1.95	30	.12	8	1.45	.07	.98	1	240	-
8660	4	359	11	49	.8	15	31	410	8.53	11	5	ND	2	76	1	2	2	69	1.31	.116	2	15	1.65	10	.14	9	1.39	.07	1.18	2	170	-
8661	3	133	12	62	.5	20	24	1207	6.40	4	5	ND	2	106	1	2	2	145	2.60	.105	2	33	2.20	18	.25	9	1.87	.08	1.55	1	210	-
8662	3	186	15	42	.5	9	18	782	6.38	5	5	ND	3	99	1	2	3	63	2.28	.130	3	8	1.35	16	.13	9	1.18	.07	.88	1	137	-
8663	3	66	11	42	.4	9	24	754	5.85	4	5	ND	3	86	1	2	3	67	2.27	.133	5	9	1.16	21	.10	8	1.03	.06	.83	2	136	-
8664	10	345	49	51	1.1	13	22	1704	12.92	18	5	ND	2	233	1	2	4	75	6.09	.071	3	10	1.28	16	.05	5	.85	.06	.77	1	1250	.036
8665	7	143	22	78	1.0	23	31	1713	9.74	11	5	ND	2	127	1	2	3	131	3.68	.115	2	43	2.23	17	.21	7	2.00	.07	1.70	1	950	-
8666	3	205	60	36	1.1	6	38	491	9.56	13	5	ND	3	110	1	2	2	59	1.90	.147	2	1	.74	9	.12	10	.82	.05	.71	2	180	-
8667	1	53	10	24	.3	2	5	497	2.01	2	5	ND	3	193	1	2	2	17	2.71	.066	5	3	.58	29	.01	3	.30	.07	.19	1	170	-
8668	10	992	52	80	2.5	13	36	931	9.27	3	5	ND	2	82	1	2	3	79	2.36	.114	4	11	1.55	12	.17	10	1.54	.06	1.34	1	970	-
8669	5	847	7	49	.9	6	16	755	3.36	2	5	ND	3	95	1	2	2	81	3.13	.124	4	7	1.37	74	.18	6	1.40	.08	.78	2	110	-
8670	5	1439	9	50	1.9	7	23	828	7.34	3	5	ND	2	113	1	2	2	84	4.02	.131	2	1	1.40	15	.20	10	1.48	.07	1.10	6	670	-
8671	3	1553	12	70	2.1	9	30	904	8.26	6	5	ND	2	93	1	2	2	126	2.86	.136	5	3	2.05	15	.26	12	2.18	.07	1.84	1	640	-
8672	7	34	36	55	.8	11	28	124	7.26	4	5	ND	2	18	1	2	3	43	.30	.136	4	5	.54	10	.05	12	.71	.03	.52	1	420	-
8673	9	70	142	62	1.3	15	32	436	9.16	7	5	ND	2	74	1	2	2	69	.88	.121	2	11	1.24	7	.07	12	.98	.04	.74	1	350	-
STD C/AU-R	21	58	38	131	6.8	67	27	981	3.97	38	18	7	33	47	17	15	21	62	.48	.098	37	56	.88	178	.08	38	1.73	.08	.13	12	505	-

LK-30-32

LK-30-31

LK-30-36

LACANA MINING PROJECT - 6919 FILE # 86-3221

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SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM
8594	1	80	4	33	.3	3	9	743	2.97	2	6	ND	3	346	1	2	2	44	4.25	.106	6	2	.98	49	.02	5	.80	.08	.27	1
8595	92	62	53	49	.9	14	27	468	8.46	5	5	ND	3	118	1	2	2	63	1.66	.132	2	11	1.78	25	.13	2	1.43	.07	1.24	1
8596	9	109	10	62	.3	14	21	492	6.45	2	5	ND	3	153	1	2	2	87	1.64	.143	2	38	2.17	33	.10	2	1.51	.08	.91	1
8597	10	107	16	51	.4	18	26	365	6.60	4	5	ND	3	59	1	2	2	132	.81	.134	5	56	3.25	32	.15	2	1.93	.08	1.89	1
8598	5	19	12	54	.3	21	19	382	5.39	4	5	ND	3	68	1	2	2	143	1.20	.142	2	50	3.08	37	.11	3	1.78	.09	1.71	1
8599	4	108	17	44	1.1	22	29	333	9.19	28	5	ND	3	70	1	9	2	111	1.17	.125	3	65	2.14	24	.07	2	1.28	.09	1.20	1
8600	5	35	14	43	.4	16	25	304	5.92	8	5	ND	3	70	1	2	2	137	.97	.145	5	18	2.87	32	.08	3	1.60	.09	1.41	1
8651	4	45	14	46	.4	15	23	449	7.09	6	5	ND	3	75	1	2	2	95	1.17	.136	2	13	2.27	33	.09	2	1.45	.08	1.28	1
8652	10	33	24	30	2.4	16	43	310	9.04	33	72	ND	10	66	1	20	3	50	1.06	.180	6	12	1.27	25	.06	2	.93	.07	.01	8
8653	5	437	7	51	.6	11	14	403	5.05	2	5	ND	3	84	1	2	2	88	1.37	.147	2	10	2.00	42	.12	5	1.44	.08	1.29	1
8654	3	548	11	69	1.1	9	7	479	5.51	5	5	ND	3	188	1	2	2	86	2.06	.149	6	7	2.02	43	.12	5	1.37	.08	1.01	1
8655	6	232	13	68	.8	13	21	601	6.82	4	5	ND	3	138	1	2	2	127	2.10	.135	5	17	2.54	37	.18	2	1.84	.09	1.68	1
8656	5	266	17	70	.7	13	38	588	7.65	2	5	ND	3	138	1	2	2	109	2.18	.133	7	12	2.43	34	.18	2	1.83	.09	1.69	1
8657	4	14	9	44	.1	10	12	496	4.71	8	5	ND	4	112	1	2	2	101	1.96	.160	5	8	1.57	32	.07	4	1.05	.10	.67	2
STD C	22	59	40	132	7.0	68	28	1016	3.91	37	19	7	35	48	18	15	19	68	.47	.099	34	57	.88	182	.08	36	1.71	.09	.13	12

LK. 37

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MM.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.ND AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU#1 BY FIRE ASSAY

DATE RECEIVED: OCT 15 1986

DATE REPORT MAILED: *Oct 22/86*ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3229 A

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SAMPLE#	Md	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au#	Au#1	
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM
8715	5	358	3	151	.3	8	28	1796	4.38	14	5	ND	4	148	1	2	2	97	4.96	.134	3	9	1.90	163	.17	2	2.01	.03	1.24	1	41	-	
8716	3	130	23	315	.6	5	20	794	4.97	14	5	ND	3	98	1	2	2	24	1.37	.132	2	1	.50	40	.01	4	.62	.02	.28	1	210	-	
8717	6	159	12	65	.6	4	37	580	6.71	32	5	ND	4	104	1	2	5	20	1.49	.106	2	1	.46	30	.01	3	.42	.03	.27	1	260	-	
8718	4	161	5	71	.7	3	19	817	4.29	15	5	ND	5	209	1	2	2	46	2.81	.118	3	2	.97	46	.09	2	.94	.03	.68	1	305	-	
8719	7	152	13	56	.5	4	21	677	4.52	17	5	ND	4	167	1	2	2	39	2.40	.120	2	2	.69	33	.03	2	.60	.03	.35	1	240	-	
8720	3	384	18	210	.9	4	23	940	3.63	16	5	ND	5	190	2	2	4	38	2.80	.124	3	3	.79	39	.08	3	.77	.03	.63	1	230	-	
8721	3	156	14	185	.6	3	18	918	3.94	17	5	ND	4	185	1	2	2	44	2.47	.126	2	1	.79	49	.11	2	.96	.02	.81	1	250	-	
8722	2	183	31	170	1.3	5	26	772	5.20	75	5	ND	5	220	1	2	4	33	2.79	.127	2	1	.70	45	.09	2	.88	.02	.70	1	340	-	
8723	6	137	14	66	.8	5	22	789	4.98	29	8	ND	6	241	1	2	4	30	3.57	.109	3	1	.79	26	.05	2	.57	.02	.44	1	330	-	
8724	3	511	22	91	1.5	3	29	915	3.93	17	8	ND	5	257	1	2	5	33	3.91	.124	2	2	.90	33	.08	3	.75	.02	.61	1	310	-	
8725	4	248	18	84	1.0	5	19	853	3.90	14	6	ND	7	259	1	2	3	26	3.52	.116	5	4	.77	36	.04	4	.61	.03	.40	1	270	-	
8726	6	454	81	150	3.7	3	28	934	4.85	18	5	ND	5	206	2	2	21	9	2.69	.108	4	3	.57	32	.01	2	.32	.02	.23	1	1110	.031	
8727	5	125	21	43	.6	2	18	794	4.10	17	5	ND	5	232	1	2	4	9	3.51	.114	3	2	.54	25	.01	2	.23	.01	.16	1	160	-	
STD C/AU-R	20	57	40	132	6.8	66	29	990	3.95	39	21	8	32	45	18	15	19	61	.47	.102	36	57	.88	172	.08	37	1.73	.06	.13	12	490	-	

CK-36-34

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SM, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
 - SAMPLE TYPE: CORE

DATE RECEIVED: OCT 15 1986 DATE REPORT MAILED: *Oct 22/86* ASSAYER: *D. Toyer* DEAN TOYE, CERTIFIED B.C. ASSAYER.

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Uk-3-34

Uk-36-33

Uk-37-33

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	%	%	PPH	PPH	%	PPH	%	PPH	%	%	%	PPH
8728	3	228	16	401	.7	1	21	889	4.10	12	5	ND	3	211	7	2	6	14	2.88	.124	2	2	.80	30	.01	2	.37	.02	.20	1
8729	4	532	11	97	1.5	4	14	959	4.92	11	9	ND	4	283	1	2	2	24	3.68	.148	3	2	1.16	44	.06	2	.71	.02	.43	1
8730	5	402	8	48	.9	6	20	175	1.98	6	5	ND	1	30	1	2	3	4	.43	.035	2	6	.10	30	.01	3	.21	.01	.17	1
8731	4	186	11	69	.5	3	21	740	4.53	10	5	ND	3	181	1	2	5	23	2.64	.145	2	2	.75	41	.07	2	.69	.02	.46	1
8732	8	851	13	82	1.8	4	18	1132	5.68	12	6	ND	6	292	1	2	5	34	5.49	.119	5	3	.94	42	.10	4	.87	.02	.60	33
8733	6	218	7	64	.9	5	22	974	4.15	14	8	ND	6	305	1	2	2	26	4.69	.132	3	2	.97	40	.07	2	.89	.02	.44	1
8734	6	552	11	73	1.6	3	17	849	5.08	8	5	2	5	230	1	2	2	35	3.16	.140	6	2	1.04	45	.07	2	.81	.02	.43	1
8735	7	243	13	59	.8	3	13	1448	3.39	10	5	ND	4	368	1	2	2	20	4.87	.098	2	3	1.43	61	.08	3	.77	.02	.54	1
8736	55	81	20	18	.3	3	13	362	3.46	6	5	ND	3	172	1	3	2	8	2.10	.122	3	2	.76	35	.01	2	.26	.03	.18	1
8737	14	5317	15	65	3.2	4	10	906	4.49	11	6	ND	3	354	1	2	2	36	4.54	.139	4	3	1.30	68	.13	2	1.02	.02	.83	1
8738	1	300	6	37	.2	4	20	487	3.72	5	5	ND	4	201	1	2	2	38	2.83	.141	5	5	1.19	91	.12	5	.98	.03	.83	1
8739	2	100	16	160	.5	10	22	2555	4.92	20	7	ND	4	281	1	2	2	32	6.40	.137	4	5	1.73	49	.02	5	1.08	.01	.28	1
8750	1	3945	12	323	3.3	4	8	624	4.12	8	5	ND	2	209	9	2	2	9	2.73	.089	2	2	.92	28	.01	2	.17	.03	.12	1
8778	3	209	87	559	1.0	13	19	1607	4.36	16	5	ND	5	305	3	2	2	36	2.80	.182	17	8	1.07	77	.05	3	.51	.03	.27	1
8779	4	868	28	186	4.2	7	12	1480	4.01	38	5	ND	3	86	2	2	2	17	1.12	.091	2	3	.58	43	.07	2	.57	.02	.46	1
STD C	21	58	41	134	6.9	68	30	1011	3.94	42	17	8	32	48	17	16	19	62	.48	.105	35	58	.88	174	.08	34	1.73	.06	.13	12

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN.FE.CA.P.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SM.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE

DATE RECEIVED: OCT 16 1986 DATE REPORT MAILED: *Oct 22/86* ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3238B

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM
8759	1	124	13	31	.7	4	8	936	2.39	5	5	ND	2	383	1	2	2	38	5.89	.111	3	4	.92	47	.08	4	.98	.08	.66	1
8764	4	188	19	76	.6	16	28	733	7.22	36	5	ND	2	79	1	2	2	114	1.51	.132	2	24	1.93	20	.11	3	1.51	.07	1.17	1
8765	14	53	17	82	.5	24	22	1185	7.41	27	5	ND	2	93	1	2	2	159	1.98	.104	2	49	2.08	24	.16	3	1.62	.07	1.34	9
8766	4	249	32	116	.7	21	20	981	8.12	32	5	ND	1	115	1	2	3	113	2.36	.083	2	30	1.20	20	.08	2	.95	.06	.62	1
8767	1	243	6	32	.5	4	8	714	2.96	4	5	2	2	190	1	2	2	59	4.02	.117	5	4	1.02	45	.11	5	1.12	.07	.84	1
8768	327	144	25	37	.8	18	33	766	11.18	20	5	ND	1	117	1	2	3	115	2.37	.092	3	17	1.21	19	.10	2	.99	.07	.76	2
8769	10	291	66	150	.9	27	24	1861	8.84	27	5	ND	1	82	2	2	2	145	1.96	.095	4	36	2.29	27	.20	2	1.86	.07	1.72	1
8770	15	302	60	151	1.1	21	26	1034	10.75	54	5	ND	1	71	1	2	2	94	1.40	.064	3	23	1.16	12	.12	2	1.00	.07	.87	1
8771	11	158	28	68	.7	16	23	1131	7.58	22	5	ND	2	110	1	2	5	86	1.90	.125	4	16	1.84	18	.11	4	1.39	.07	1.08	1
8772	29	170	22	54	.7	10	19	843	7.54	15	5	ND	3	92	1	2	4	60	1.68	.127	2	10	1.12	16	.07	2	.92	.06	.69	1
8773	14	141	19	41	.5	18	23	1364	7.05	16	5	ND	1	115	1	2	2	73	2.76	.101	3	19	1.36	27	.13	5	1.15	.07	.99	1
8774	30	313	210	525	2.7	26	30	1062	15.26	39	5	2	1	147	9	2	12	51	2.27	.073	4	12	1.20	15	.06	2	.78	.07	.52	1
STD C	20	57	39	130	7.0	69	29	984	3.95	37	18	7	34	48	17	15	19	66	.48	.099	33	58	.88	179	.08	37	1.73	.09	.14	13

U-36-53

LACANA MINING PROJECT - 4919 FILE # B6-3220

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mo	Ba	Ti	F	Al	Na	K	W	Au	Ag*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	oz/t	
8780	7	116	14	114	.5	1	16	939	3.66	13	5	ND	5	271	1	2	4	19	3.31	.110	4	1	.80	35	.03	2	.44	.03	.30	1	176	-
8781	57	330	1234	4723	4.6	3	24	836	6.73	45	5	ND	3	220	24	2	2	14	2.61	.102	2	2	.58	21	.02	2	.35	.02	.26	1	1010	.031
8782	2	32	30	396	.8	3	10	1685	5.30	20	5	ND	3	419	2	2	2	15	4.81	.131	5	1	1.41	30	.01	2	.26	.02	.20	1	270	-
8783	3	781	82	101	3.3	1	35	973	14.91	83	5	3	3	295	1	4	26	14	2.96	.074	5	2	.48	21	.04	2	.48	.01	.38	1	3430	.089
8784	1	916	51	139	17.7	6	16	949	5.82	17	5	13	3	297	1	2	2	40	3.36	.106	4	5	.85	39	.07	2	.75	.02	.56	1	13900	.406
8785	1	831	12	69	1.0	3	15	994	4.46	8	5	ND	4	292	1	2	2	37	3.94	.150	9	2	1.31	98	.04	5	.71	.03	.40	1	129	-
8786	1	763	16	69	3.0	5	17	941	5.41	17	5	6	3	267	1	2	2	34	3.96	.128	2	3	.90	57	.13	2	1.09	.02	.92	1	5900	.175
8787	4	13	9	71	.1	10	11	1015	2.71	2	5	ND	5	341	1	2	2	33	5.77	.071	8	41	1.43	92	.04	2	1.37	.02	.20	1	20	-
8788	2	300	22	135	1.1	8	27	1792	4.73	11	5	ND	4	280	1	2	2	28	5.45	.118	6	6	1.93	56	.01	6	.76	.02	.26	1	18	-
STD C/AU-R	21	59	37	133	6.9	70	29	1012	3.95	39	18	7	32	47	17	15	19	62	.48	.104	35	57	.88	177	.08	34	1.73	.06	.13	13	520	-

LK-30-35

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3:1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SN, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE

DATE RECEIVED: OCT 17 1986 DATE REPORT MAILED: *Oct 22/86* ASSAYER: *D. Toye*, DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3264 B

PAGE 1

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM
8825	3	585	2	73	.9	27	21	1830	6.74	13	5	ND	2	177	1	2	2	167	2.98	.114	4	111	2.80	39	.23	3	2.58	.02	2.04	1
8826	1	172	2	21	.4	1	10	744	1.89	2	5	ND	3	143	1	2	4	12	2.16	.074	4	8	.41	78	.01	5	.42	.02	.28	1
8827	1	22	10	17	.4	1	5	573	1.58	6	5	ND	3	33	1	2	2	6	.51	.071	8	2	.12	167	.01	7	.37	.03	.28	1
8828	2	200	13	30	.6	6	24	562	5.38	10	5	ND	3	140	1	2	2	25	3.30	.132	4	5	1.35	29	.01	5	.49	.02	.25	1
8829	2	387	4	36	.4	10	30	565	6.18	10	5	ND	3	119	1	2	3	88	2.69	.146	4	9	1.73	20	.05	2	1.38	.03	.50	1
8830	4	136	11	37	.5	18	24	631	6.16	16	6	ND	3	97	1	2	2	83	2.80	.155	8	21	1.85	34	.12	5	1.49	.02	.92	1
8831	3	15	3	36	.2	9	18	432	5.44	20	5	ND	3	62	1	2	2	60	1.63	.150	6	6	1.43	22	.10	2	1.16	.03	.76	1
8832	3	71	4	39	.2	4	17	550	4.91	18	5	ND	3	103	1	2	2	58	2.38	.158	4	2	1.45	35	.11	5	1.30	.02	.91	1
8833	3	285	10	32	.4	3	23	544	4.89	14	5	ND	3	100	1	2	2	57	2.35	.154	3	2	1.51	37	.15	5	1.38	.03	1.07	1
8834	3	66	7	41	.1	5	19	512	4.88	13	5	ND	3	68	1	2	2	61	1.69	.157	4	6	1.56	38	.13	2	1.37	.03	1.07	1
8835	3	236	5	65	.4	29	30	1750	5.88	9	5	ND	1	134	1	2	2	144	4.09	.097	2	120	3.00	77	.18	2	2.53	.02	2.27	1
8836	2	144	6	57	.4	23	25	1310	5.29	12	5	ND	3	115	1	2	2	124	3.67	.100	5	97	2.57	79	.16	3	2.31	.02	1.97	1
8837	2	516	2	52	1.3	18	10	1217	6.06	10	5	ND	3	159	1	2	2	76	4.97	.116	4	33	1.53	56	.12	2	1.68	.02	1.41	1
8838	1	51	6	18	.4	1	6	546	1.50	5	5	ND	3	115	1	2	2	6	3.10	.058	6	2	.18	63	.04	2	.49	.02	.34	1
8839	1	18	6	15	.3	3	4	620	1.46	5	5	ND	3	167	1	2	2	5	3.59	.056	5	5	.18	50	.01	4	.45	.02	.28	1
8840	1	3	6	14	.2	1	3	507	1.33	2	5	ND	3	168	1	3	2	6	3.13	.056	5	3	.16	50	.02	4	.45	.03	.31	1
STD C	21	57	43	135	7.2	71	31	1023	3.95	42	18	8	33	48	18	15	20	63	.48	.110	35	58	.88	179	.08	36	1.73	.06	.13	12

LACANA MINING PROJECT - 6919 FILE # B6-3264

PAGE 2

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	R	Al	Na	K	W	Au#
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	I	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
8841	3	39	31	73	.5	174	24	1047	4.70	10	11	ND	21	2756	1	2	2	77	8.94	.800	243	181	5.42	612	.05	2	2.79	.25	2.36	1	5
8842	1	24	3	18	.4	1	4	556	1.38	2	5	ND	2	176	1	2	2	6	3.42	.056	5	2	.18	84	.02	2	.43	.03	.26	1	560
8843	1	64	7	15	.5	1	5	620	1.30	4	5	ND	3	219	1	2	2	5	3.75	.052	6	2	.14	83	.02	4	.40	.03	.27	1	480
STD C/AU-R	21	58	41	134	6.9	68	30	1017	3.95	41	19	8	33	48	15	15	21	62	.48	.105	35	59	.88	176	.08	36	1.73	.06	.13	13	495

CK-20-40

GEOCHEMICAL/ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER. THIS LEACH IS PARTIAL FOR MM, FE, CA, P, CR, MG, BA, TI, B, AL, NA, K, W, SI, ZR, CE, SM, Y, NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: CORE AU1 ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU11 BY FIRE ASSAY

DATE RECEIVED: OCT 20 1986 DATE REPORT MAILED: Oct 27/86 ASSAYER: D. J. TOYE, DEAN TOYE, CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # B6-3291

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LK-86-40

LK-86-41

Table with columns: SAMPLE#, Mo, Cu, Pb, Zn, Ag, Ni, Co, Mn, Fe, As, U, Au, Th, Sr, Cd, Sb, Bi, V, Ca, P, La, Cr, Mg, Ba, Ti, P, Al, Na, K, W, Au1, Au11. Rows list sample IDs (8844-9002) and their corresponding element concentrations in PPM.

LACANA MINING PROJECT - 6919 FILE # 86-3291

PAGE 2

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Ce	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	K	Al	Na	K	W	Au1
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM
9004	2	297	11	74	.5	12	27	554	6.12	12	5	ND	3	76	1	2	3	143	1.37	.138	5	19	2.73	48	.23	3	2.13	.09	2.15	1	310
9005	2	275	8	71	.5	11	24	535	6.48	8	5	ND	3	70	1	2	5	130	1.14	.142	2	13	2.59	30	.20	2	1.98	.08	1.99	1	480
9006	2	795	12	64	.6	11	27	546	6.95	12	5	ND	3	82	1	2	2	138	1.30	.134	6	10	2.50	30	.19	3	1.90	.08	1.95	1	165
9007	2	515	6	83	.7	12	11	747	5.14	5	5	ND	3	102	1	2	2	173	1.82	.136	6	20	3.03	101	.29	2	2.54	.08	2.57	1	210
9008	4	335	11	57	.7	12	24	545	4.22	9	5	ND	4	167	1	2	2	102	2.92	.146	2	15	1.50	56	.12	2	1.34	.09	1.07	1	180
9009	4	182	17	58	.8	15	38	451	7.90	15	8	ND	3	137	1	2	4	68	2.25	.114	2	20	.96	29	.09	2	.88	.08	.73	1	440
9010	4	253	10	79	.5	8	15	1079	5.76	5	5	ND	4	145	1	2	2	110	2.79	.137	9	14	1.86	96	.26	2	2.10	.08	1.95	1	265
9011	1	43	11	29	.2	2	3	538	1.60	2	6	ND	5	219	1	2	2	15	2.92	.063	4	1	.45	33	.02	2	.38	.07	.28	1	250
STD C/AU-R	20	59	40	133	7.2	68	28	1006	3.97	41	16	7	34	48	17	17	22	64	.47	.102	35	57	.88	181	.08	36	1.72	.08	.14	13	505

LK-86-41

LACANA MINING PROJECT - 6919 FILE # 86-3292

PAGE 2

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Ce	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	K	Al	Na	K	W	Au1
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM
8989	5	796	16	50	1.5	19	26	883	9.59	6	5	ND	3	136	1	2	2	177	3.74	.110	14	46	2.67	21	.18	2	2.17	.07	.78	11	610
8990	5	458	8	57	.8	19	23	868	6.97	13	5	ND	3	152	1	2	2	189	3.88	.134	13	26	2.66	62	.24	4	2.45	.07	1.61	1	390
8991	1	11	4	32	.3	11	10	553	3.10	5	5	ND	3	155	1	2	2	32	3.57	.089	8	15	.96	67	.11	3	.98	.07	.66	1	205
8992	4	229	9	94	.5	17	15	1059	5.89	8	5	ND	4	285	1	2	2	145	5.94	.121	14	32	2.51	104	.21	2	2.36	.07	1.34	1	415
8993	6	242	8	76	.4	19	16	1025	5.42	6	5	ND	3	299	1	2	2	164	6.21	.116	11	46	2.65	181	.23	4	2.46	.07	1.53	1	215
8994	2	1337	9	31	1.8	9	8	1620	2.39	2	11	ND	2	762	1	2	2	57	14.85	.050	5	15	1.16	33	.03	2	1.05	.07	.15	2	69
9012	7	219	10	65	.4	21	20	986	6.51	4	5	ND	3	176	1	2	2	169	3.87	.117	10	51	2.69	82	.25	3	2.40	.07	1.89	1	220
9013	5	247	7	62	.3	12	20	989	6.29	10	5	ND	3	120	1	2	2	100	2.76	.116	16	19	1.97	41	.21	5	1.87	.06	1.79	1	390
9014	5	263	9	55	.4	5	12	713	5.74	2	5	ND	3	108	1	2	2	85	2.63	.114	15	5	1.99	42	.22	5	1.89	.06	1.86	1	240
STD C/AU-R	21	59	38	132	7.0	68	28	1002	3.96	39	17	7	34	48	17	15	22	64	.48	.099	38	58	.88	182	.08	38	1.73	.08	.13	13	490

LK-86-40

APPENDIX IV

DRILL LOGS

LK-86-20 to LK-86-41

Property: <u>KENA</u>	Location: _____	Down Hole Surveys	ACID ETCH	Drilled By: <u>R. BEAUPRE</u>
Area (Map #): <u>82-F/6W</u>	Grid: <u>47+00N/49+27W</u>	Depth: <u>76.2</u>	Az: _____ Dip: <u>-53</u>	From-To: <u>Aug 12-13, 1986</u>
Claim #: _____	<u>1515 m EL</u>	<u>76.2</u>	<u>-53</u>	Size(s): <u>NQ</u>
M.D./County: <u>NELSON</u>	Length: <u>144.47 (Units: m)</u>	<u>144.48</u>	<u>-52</u>	Logged By: <u>R. J. JOHNSTON</u>
Province: <u>B.C.</u>	Azimuth: <u>040</u>	Dip Collar: <u>-50</u>		Signed: <u>R. J. Johnston</u>

Remarks: _____

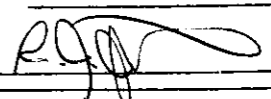
INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE*	SAMPLE #	INTERVAL metres FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
0 - 7.62		Casing		17001	7.62- 9.00	1.38		0.6	160
7.62-10.56	Lithic Tuff	Locally sericitized & chloritized andesite flow. Abundant wh qtz-carb & qtz stringers.		02 03	-10.56 -11.58	1.56 1.02		1.5 0.3	248 90
		Local mod sil'n Local rusty cc veinlets. >1% py 9.55 m 90°CA 1 cm wide FG py vein.		04 05	13.70-15.26 -16.01	1.56 0.75		1.6 0.4	890 135
		10.29 m Rusty broken core. Sharp 55°CA contact.		06 07	-16.20 -17.74	0.19 1.54		1.6 0.5	505 235
10.56-13.70	Silver King Porph Dyke	Local milky wh qtz-carb stringers. 10.70 2 cm wide limonitic Fracture zone, 11.20 " " " "	70°CA Tuff	08 09 17010 11	20.68-22.32 24.47-26.65 38.25-39.25 46.03-46.74	1.64 2.18 1.00 0.72		0.4 0.6 0.9 1.2	85 120 140 340
13.70-15.26	Sericitized Tuff	Lt gy, soft w/bl-gy ser alt fields. Some qtz-carb >1% py diss & stringers parallel to bedding.	70°CA Tuff	12 13	51.00-53.03 -54.01	2.03 0.98		0.7 1.5	840 285
		Gradational.		14 15	-56.12 -56.93	2.11 0.81		0.4 0.5	155 300
15.26-17.74	Silicified And. Flow	Lt. by mass flow, locally sil'd & bx'd. 1-2% sil- ver py. Abund wh ab(?) stringers.		16 17	-59.00 -60.50	2.07 1.50		0.5 0.4	160 90

INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH m	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
15.26-17.74	Silicified And Flow	16.01-16.20 d. gy ser alt shear - some sil'n 5% py in coarse blebs in 80°CA bands		17018 19	60.50-62.11 -63.40	1.61 1.29		0.9 2.4	470 705	
17.74-20.68	Tuff	D. gy tuff. Local feld xtl, or lithic tuff. 1-2% wh py. Grades into coarse flow.	70°CA	20 21	-65.10 -66.50	1.70 1.40	.059	0.6	95 >1000	
20.68-22.32	Coarse And Flow	Looks sim to diorite, but v grad. contacts. Foliated parallel tuff 1% py. Abund wh ab		22 23	-68.00 -69.66	1.50 1.66	.41 .021		>1000 >1000	
22.32-38.60	Lithic Tuff	Contains bk chl'd pyritic fragments stretched Local mass flow minor ser'n	80°CA	24 25	-72.46 -74.03	2.80 1.57	.066 .204		>1000 >1000	
		24.47-26.65 Coarser flow sim to above. Partial sil'n, bx'n w/ 2% y py as matrix		26	-74.13	0.10	.203		>1000	
		38.25-39.25 3 m qtz w/py veining Gradational contact.		27 28	-76.00 -77.05	1.87 1.05			340 505	
38.60-41.60	Mass And. Flow	30% of section is tuff. 1% py minor qtz-carb veining. Gradational contact		29	77.41-79.43	2.02	.046		>1000	
41.60-51.00	Lithic Tuff	As above 45.12-45.82 partly sil'd & bx'd, minor py		30	-79.73	0.30	.445		>1000	
		46.64 irreg wh qtz-carb veining w/py cores. 46.03-46.23 minor sil'n & bx'n		31 32	-81.25 -83.00	1.52 1.75			545 710	
51.0-69.86	Silicified Lithic Tuff	Mod-intense sil'n & bx'n w/2-3% y py 53.03-54.04 bx zone - FG bl-gy silica clasts → 2 cm in matrix of y py & bk chl.		33	87.11-88.50	1.39			365	
		54.04-56.12 mod local sil'n w/bx'n 1-2% py		34	-89.05	0.55	.079		>1000	
		56.12-56.93 intense sil'n w/ 40% py - 50°CA veining.		35	-91.00	1.95	.155		>1000	
		56.93-58.0 poss diorite - v. sil'd, bx'd.								

INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM TO	SAMPLE LENGTH	ASSAYS		
							Au /T	Ag ppm	Au ppb
51.0-69.86	Silicified Lithic Tuff	62.11-63.40 bl-gy silica w/40% y py. Tr cp		17036	91.00-92.54	1.54			695
		63.40-65.10 intense sil'n & bx'n 1% y py.		37	92.90-95.21	2.31			815
		65.10-69.85 mod sil'n & bx'n w/locally, intense. 5-10% py. Gradational contact.		38 39	96.53-98.02 -99.00	1.51 0.98			105 465
69.86-72.46	Mass And Flow	Coarse Flow, foliated	80°CA	40	113.0-115.00	2.00			440
		70.10-70.20 sheared & sericitized zone	Foliation	41	131.0-132.53	1.53			85
		stringers		42	-134.50	1.97			145
72.46-81.21	Lithic Tuff	Minor wh ab veining, some gy qtz veining 1-2% py minor sil'n	80°CA Tuff		<u>SLUDGES</u>				
		74.03- 3 cm of mass py w/ minor ser'n 70°CA 76.20-76.30 Lt gy ser, milky qtz-carb veining			7.62- 10.67 -13.72	3.05 3.05			305 295
		Minor amethyst, red hem. 77.05-77.41 sheared bk chl'd volcanoclastics			-16.76 -19.51	3.05 3.05			595 370
		sharp 70°CA contact 79.43-79.73 pk alt intrusive qtz diorite, 1-2%			-22.56 -25.60	2.76 3.05			380 455
		py Sim to LK-85-14, 18 Gradational			-28.65 -31.70	3.05 3.05			605 160
81.21-87.11	Mass And Flow	D gn weathered chloritic 1% Coarse silvery, py. Tr cp. Local fine qtz veining w/ py in top lm.			-34.75 -37.80	3.05 3.05			470 220
		Local hem in fractures sharp 80°CA contact.			-40.14 -43.89	3.05 3.05			485 315
		Lt gy feld xtl tuff, calcareous Mod sil'n through -out -1% FG homogenous diss y. py, tr cp.	80°CA Tuff			-46.94 -49.99	3.05 3.05		
		Local abund wh qtz-carb veins 88.50-89.05 Pk alt brecciated qtz-dior.			-53.04 -56.08	3.05 3.05			1000 630
		88.70-88.90 Breccia zone 0.3-1cm ang clasts of wh & pk intrusive(?) in mass silica matrix			-59.13 -62.18	3.05 3.05			590 1000

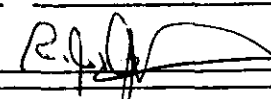
INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au g/T	Ag ppm	Au ppb
87.11-96.3	Feldspar Crystal Tuff	- Prob. a shear 80°CA Milky qtz-carb veining w/lt gn tinge. (hydro- thermal biot?) minor hem ang blebs → 1cm of py w/ diss cp & sp			62.18-65.23 -68.28	3.05 3.05			910 →1000	
					-71.32 -74.37	3.05 3.05			→1000 →1000	
		92.54-92.90 Bk chl'd sheared volcanoclastics			-77.42	3.05			→1000	
		95.21-96.53 " " " "			-80.47	3.05			→1000	
		sharp 70°CA contact.			-83.52 -86.56	3.05 3.05			→1000 →1000	
96.53-98.02	Aplite Dyke	Lt gy siliceous, w/fg diss py, same as LK-85-18 Sharp 80°CA contact			-89.61 -92.66	3.05 3.05			→1000 →1000	
98.02-132.53	Epidotized Flow	Lt gy fg mass flow w/abund ep-cc-py veins at various CA's.			-95.71 -98.76	3.05 3.05			→1000 →1000	
		107-132.53 augite porphyry w/1% py. Locally abund py stringers w/cc-hem.			-101.80 -104.85	3.04 3.05			→1000 →1000	
		98.17 py & cc in 3 cm 45°CA vein 103-105 0.3 m sections of bk chl'd sheared volcanoclastics								
		105-107 Lithic tuff 80°CA								
		125.23 flow top(?) Coarser lighter green. More ep at top of flow. 10% ep.								
		Gradational								
132.53-144.47	Tuff	D. gy-bk, diff types of tuff 1% py in stringers parall fabric Abund wh ab stringers.	70-90° CA Tuff							
		Local wh cg qtz seats. Local sheared zones w/ coarse py.								
		139.70-140.30 ser'd lt gy tuff sim to bottom of LK-85-19.								

END OF HOLE

Property: <u>KENA</u>	Location: _____	Down Hole Surveys	Etch	Drilled By: <u>R. BEAUPRE</u>
Area (Map #): <u>82-F/6W</u>	Grid: <u>47+00N/49 +27W</u>	Depth: _____	Az: _____	Dip: _____
Claim #: _____	<u>1515 m El</u>	<u>114.91</u>	<u>-74</u>	From-To: <u>Aug 13, 14/86</u>
M.D./County: <u>NELSON</u>	Length: <u>114.91 (Units: m)</u>	_____	_____	Size(s): <u>NQ</u>
Province: <u>B.C.</u>	Azimuth: <u>040</u>	Dip Collar: <u>-80</u>	_____	Logged By: <u>R.J. JOHNSTON</u>
Signed: 				
Remarks: _____				

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
0-4.27		Casing		17043	4.70- 6.00	1.30			120
4.27-7.91	Tuff	D.gy, lighter color to bottom (poss alt.). Abund wh qtz stringers w/fg y py. Feld xtl tuff in		44	- 7.91	1.91			185
				45	-10.17	2.28			255
		bottom 1 m. 4.27-4.70 Bk sheared chl'd volcaniclasts.		46	14.30 -14.65	0.35			130
				47	23.06 -23.30	0.24			155
		5.50-7.91 Limonitic broken core.		48	29.00 -31.22	2.22			585
				49	37.50 -39.50	2.00			330
7.91-10.17	Aplite Dyke	Same as LK-86-20. Pink tinge, diss py. Local bx zones.		50	44.00 -46.00	2.00			65
				51	71.00 -71.97	0.97			175
		7.5-8.2 limonitic broken core.		52	74.00 -75.54	1.54			145
				53	-75.81	0.27			125
10.17-20.94	Silver King Porph Dyke	Sericitized and sheared. Tr py. Local qtz veins 14.45 1 cm amethystive qtz vein w/Fg y py.	45° CA Foliation	54	-77.99	2.18			85
				55	-78.83	0.84			150
20.94-26.50	Andesite Flow	D. gy-bk mass flow. Locally fol. 1% py diss & stringer, locally → 3%. Abund wh ab stringers.	60° CA Foliation	56	-79.99	1.18			105
				57	-80.32	0.33	.045		>1000
		Gn chl in vuggy fractures. 22.13 10 cm wide alt porphyry dyke SK?		58	-82.50	2.18			315
				59	-85.16	2.65			185

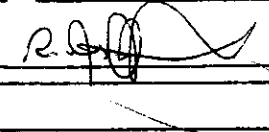
INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres FROM TO		SAMPLE LENGTH	ASSAYS		
					Au oz./T	Ag ppm		Au ppb		
20.94-26.50	Andesite Flow	23.18 10 cm pk alt adj to wh qtz vein. 5mm bleb of fg cp.		17060 61	85.16	-87.00	1.84	.032		1000
						-89.08	2.08			250
		23.67-25.32 2 20 cm dior dykes-sil alt contacts 30°CA.		62 63	-89.95		0.87			450
						-91.87	1.92			165
26.50-31.22	Andesite Flow Tuff	Feld xtl tuff. V. vuggy, fractured broken 3-10%, coarse py.		64 65	-93.50		1.63	.086		1000
						-95.11	1.61			60
		27.50 coarse granodiorite dyke. 29.50-31.0 v. incomp w/ vuggy qtz veins, 10%		66 67	-96.79		1.68			75
						-98.54	1.75			85
		silver weath. py. Sharp contact.		68 69	-100.50		1.96			100
						-102.33	1.83			150
31.22-37.50	Dark And Flow	Minor sheared chl'd tuff, minor feld xtl tuff 1-2% py, calcarous, wh cc veins.		70 71	-102.60		0.27	.054		1000
						-104.37	1.87			95
		Gradational								
37.50-47.00	Feldspar Crystal Tuff	Lt gy local minor sil'n. 1% py, locally → 3%. Minor lithic tuff, coarse flow.	55°CA Tuff		5.18	-8.23	3.05			300
47.00-69.47	Lithic Tuff	Local feld xtl tuff 47.50-48.50 Local bk chl'd sheared volcanoclastics	60°CA Tuff		-11.28		3.05			205
						-14.33	3.05			535
		60-63 mass flow beds. Gradational.			-17.38		3.05			1000
						-20.42	3.0			160
69.47-71.91	Diorite	Abund bk mafic grains (hb?) Local aligned feld xtls. Tr py.			-23.47		3.05			225
						-26.52	3.05			300
		Gradational.			-29.57		3.05			<5
						-32.61	3.05			1000
71.91-75.54	Coarse Flow & Lithic Tuff	74.20 10 cm of milky qtz-carb veining & lt gn alt'n (biot?).			-35.66		3.05			1000
						-38.71	3.05			1000
		75.28-75.54 Bk sheared, chl'd tuff - minor ser'n.			-41.76		3.05			1000
						-44.81	3.05			280

Property: KENA Location: _____ Down Hole Surveys Etch Drilled By: BEAUPRE
 Area (Map #): 82-F/6W Grid: 46+25N/49+27W Depth: - Az: - Dip: - From-To: Aug. 16, 17, 1986
 Claim #: _____ 1518 m El. 62.18 ° -46 ° Size(s): NQ
 M.D./County: NELSON Length: 153.62 (Units: m) 153.62 ° -47 ° Logged By: R. J. JOHNSTON
 Province: B.C. Azimuth: 040 ° Dip Collar: -50 ° Signed: 

Remarks: _____

INTERVAL m FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
0-3.66		Casing		17072	11.81-13.00	1.19		1.1	90	
3.66-11.81	Diorite	MG, some foliation - aligned mafic minerals (hb)	60°CA	73	20.00-22.17	2.17		.9	105	
		Local bk chl-py stretched xenoliths. Ser'n and	Foliation	74	28.50-30.78	2.28		.3	65	
		foliation inc to bottom contact.		75	35.50-37.50	2.00		.5	600	
		Sharp 80°CA contact.		76	43.50-43.89	0.39		1.0	310	
11.81-70.67	Silver King Porphyry	Sheared, ser'd w/ local diss py and diss bk		77	56.20-58.00	1.80		.5	65	
		magnetite. Local rusty limonitic mn stained fract.		78	69.00-70.67	1.67		.7	265	
		11.81-12.30 thin irreg rusty py veins		79	-71.91	1.24		.8	100	
		14.50-15.00 soft, limonitic alt fractures		80	-73.04	1.13		.4	190	
		20.00-22.17 Limonitic fracture zone, Local cspg ga		81	73.04-75.34	2.30		.8	510	
		28.50-30.78 " " " "		82	-76.86	1.52		.9	485	
		35.80 Tr mal on broken core		83	-78.00	1.14		1.4	200	
		40-42 m broken core - not rusty		84	-79.00	1.00		1.2	130	
		43.50 20°CA qtz vein w/cp - lcm wide		85	-81.00	2.00		1.3	120	
		48.50-50 Broken limonitic core		86	-83.00	2.00	.125	2.2	>1000	
		56-58 minor crackle bx - no sil'n		87	-85.00	2.00		1.5	195	
		60.5 py in qtz veins - local hem-cc veinlets		88	-87.00	2.00		1.8	280	

INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
11.81-70.67	Silver King Porphyry	67.0-70.0 m 0.5% diss py. Sharp 60°CA. contact		17089 90	87.00-88.05	1.05		1.6	330	
					-89.85	1.80		1.9	660	
70.67-71.91	Dark Grey And. Flow	Abund cc veining. Minor lt gy sil'd section w/ 1% FG y py		91 92	-90.70	0.85		1.2	510	
					-92.00	1.30		1.6	755	
71.91-73.04	Silver King Porphyry	Ser'd		93 94	-93.60	1.60		1.4	730	
					-93.90	0.30		1.3	275	
		Sharp 90°CA contact.		95 96	-95.50	1.60		1.5	190	
					-97.13	1.63		1.2	255	
73.04-75.34	Silicified Tuff	Lt gy, FG, v. alt. Abund qtz veins. Poss aplite dyke in section.		97 98	100.33-102.04	1.71		2.0	220	
					103.40-103.60	0.20		1.6	315	
75.34-88.05	Dark Tuff	V. irreg. abund wh qtz, cc, ab veins. 1-2% brassy py. Local sil'd sections	80°CA Tuff	99 100	-105.42	1.82		2.8	370	
					-107.29	1.87		1.1	135	
		75.34-76.86 Lt gy flow(?) Sharp 70°CA contact w/ darker flow beneath.		101 102	108.89-110.90	2.01		1.1	200	
					115.00-116.68	1.68		1.2	130	
		77.15-77.69 mod sil'n w/1% py adj to wh qtz vein 81.7 10 cm of minor sil'n w/bl-gy sil clasts(?)		03 04	121.71-122.59	0.88		1.2	200	
					124.57-126.85	2.18		0.8	190	
		→ 1 cm 82.0 5cm of sil'n w/py & cp 45°CA		05 06	141.50-143.10	1.60		1.6	115	
					-144.00	0.90		1.5	160	
		85.0 5 cm of bl-gy vein w/10% py, tr cp.								
							SLUDGES			
88.05-90.70	Silicified Intrusive	Poss intrusive. Lt gy-pk sugary texture. Mod sil'n w/bl-gy qtz veins → 1cm, 5% y py, tr cp.			3.05 -4.27	1.22			225	
					-7.31	3.05			405	
90.70-100.33	Dark Tuff	Dark gy tuff - minor lithic tuff & bk sheared, chl'd volcanoclastic. Minor sil'n bx.			-10.37	3.05			1000	
					-13.41	3.05			300	
		93.60-93.90 pk pot-sil'd zone w/minor bx. >1% py 94.90 10 cm pk-sil'd zone w/Qtz-py veins.			-16.45	3.05			1000	
					-19.51	3.05			475	
		94.20-97.13 Dior.			-22.56	3.05			370	
					-25.60	3.05			95	

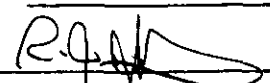
Property:	<u>KENA</u>	Location		Down Hole Surveys	ETCH	Drilled By:	<u>BEAUPRE</u>
Area (Map #):	<u>82-F/6W</u>	Grid:	<u>46+25N/49+27W</u>	Depth:	Az:	Dip:	From-To: <u>Aug 17-20, 1986</u>
Claim #:			<u>1518 m El.</u>	<u>60.96</u>		<u>-73</u>	Size(s): <u>NQ</u>
M.D./County:	<u>NELSON</u>	Length:	<u>151.49</u> (Units: <u>m</u>)	<u>151.49</u>		<u>-77</u>	Logged By: <u>R. J. JOHNSTON</u>
Province:	<u>B.C.</u>	Azimuth:	<u>040</u>	Dip Collar:	<u>-80</u>		Signed: 

Remarks:

INTERVAL m FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL m.		SAMPLE LENGTH m	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
0-3.66		Casing		17107	13.69-14.42	0.63		1.1	445	
				08	16.09-17.73	1.62		1.8	800	
3.66-17.73	Diorite	FG, MG well foliated 60°CA. Local stretched bk ch-py xenoliths. Minor py. V. calc.		09	21.52-23.00	1.48		1.5	165	
				10	-24.53	1.53		1.4	100	
		13.79-14.42 Aplite dyke(?)		11	39.30-41.50	2.20		1.7	400	
		16.09-17.73 Crackle bx zone. 1-2% py minor sil'n		12	-43.00	1.50		3.4	465	
17.73-26.90	Tuff	FG, well fol. tr py. local ser'n.	60°CA	13	-44.00	1.00		2.3	285	
		21.52-24.53 Diorite-minor bx'n	Tuff	14	-45.65	1.65		3.6	540	
		25.0-25.50 Or weak fracture zone.		15	48.00	2.35		1.8	250	
		Sharp 80°CA contact.		16	52.50-54.78	2.38		1.0	165	
26.90-151.49	Silver King Porphyry Dyke	Sheared ser'd through most of section. Diss py & magnetite common.		17	79.30-80.80	1.50		.7	20	
				18	87.00-89.00	2.00		.7	10	
		31 m Limonitic, broken core.		19	104.59-104.80	0.21	.115	6.2	1000	
		35 " " " "		20	-107.50	2.70		1.1	430	
		41-43 m broken core, not limonitic		21	118.81-118.84	0.03	.251	14.5	1000	
		39.50-45.65 Ser'd w/ local bx'n and → 3% py		22	131.09-133.0	1.91		.9	260	
		amethystic qtz veins. Intense bx'n 44-45.65.		23	-135.00	2.00		.7	270	

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
26.90-151.49	Silver King Porphyry Dyke	45.65-48.0 crackle brecciated zone. Matrix of rd hem & gn chl. Diss py in clasts. Local wh & amethy		8175 76	103.00-104.59	1.59		.1	49	
					118.00-118.81	0.81		.3	240	
		-stine qtz, ab veining. 46.0 m 2 cm wide bx zone - jasperoid? matrix w/		77	-120.00	1.19		.4	540	
		1-10 mm ang clasts of biot alt SKP. Tr py. 47.45-54.78 Abund hb in SK. 1% py tr cp - Rd hem,			<u>SLUDGES</u>					
		gn chl. Fractures 45°CA, qtz veins. 60 -62. Abund ser'n.			3.05-5.18	2.13			175	
		67. Local propolytic rd-pk alt'n around gn alt felds.			-8.23	3.05			200	
		70-151.49 Minor (1 or 2 per metre) wh qtz veins w/minor diss py 60°CA			-11.27	3.05			350	
					-14.32	3.05			560	
					-17.37	3.05			>1000	
					-20.42	3.05			>1000	
		79.30-80.80 1% diss py. 87.14-94.50 rd pk alt as above.			-23.47	3.05			250	
					-26.42	3.05			325	
		104.59-104.80 wh qtz-carb veins 2/py-cp. 110.0 minor gn chl stringers.			-29.56	3.05			470	
					-32.61	3.05			580	
		118.81 3 cm wide wh qtz veins w/mass py 60°CA. 131.11 5 cm of bl gy qtz vein w/xenos of SK local			-35.66	3.05			>1000	
					-38.71	3.05			520	
		mass py. 136 m 1% py in diss fg masses.			-41.76	3.05			775	
					-44.80	3.05			535	
		END OF HOLE			-47.85	3.05			685	
					-50.90	3.05			170	
					-53.95	3.05			175	
					-57.00	3.05			395	
					-60.04	3.05			>1000	
					-63.09	3.05			255	
					-66.14	3.05			1000	
					-69.19	3.05			255	

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
					<u>SLUDGES</u>					
					69.19	72.74	3.05			930
						75.28	3.05			265
						78.33	3.05			> 1000
						81.30	3.05			445
						84.43	3.05			175
						87.48	3.05			> 1000
						90.52	3.05			395
						93.57	3.05			480
						96.62	3.05			370
						99.67	3.05			260
						102.72	3.05			175
						105.76	3.05			> 1000
						108.81	3.05			> 1000
						111.86	3.05			> 1000
						114.91	3.05			> 1000
						117.96	3.05			> 1000
						121.00	3.05			865
						124.05	3.05			530
						127.10	3.05			> 1000
						130.15	3.05			385
						133.20	3.05			> 1000
						136.24	3.05			> 1000
						139.29	3.05			845
						142.34	3.05			535
						145.39	3.05			625
						148.44	3.05			> 1000
						151.48	3.05			> 1000

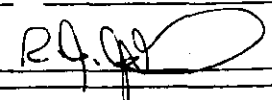
Property:	KENA	Location		Down Hole Surveys	Etch	Drilled By:	EEAUPRE
Area (Map #):	82-F/6W	Grid:	47+00N/49+75W	Depth:	Az:	Dip:	From-To: Aug 20-22, 1986
Claim #:				62.78		-70°	Size(s): NQ
M.D./County:	NELSON	Length:	126.49 (Units: m)	126.49		-69°	Logged By: R. J. JOHNSTON
Province:	B.C.	Azimuth:	040	Dip Collar:	-70		Signed: 

Remarks:

INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
0-3.66		Casing		17124	4.88-6.00	1.12		1.7	75
3.66-14.95	Mass Andesite Flow	Lt gy mass flow, minor feld xtl tuff. 1% stringer py. Calc fractures.		25	10.90-11.46	0.56		1.3	265
				26	13.00-14.95	1.95		.9	475
		5.10 Minor ser'n in 45°CA zone - also at 14.90. 7.55-7.75 Rusty, broken core.		27	21.12-22.63	1.52		1.3	110
				28	-24.22	1.59		1.2	95
		8.0-10.0 poss dior - coarse flow - minor ep. 11.05 5 cm of sil'n w/ wh qtz-carb stringers.		29	-25.50	1.28		.9	125
				30	-26.97	1.47		1.4	260
		2% py. 11.70-14.95 ap'd coarse flow.		31	-28.61	1.64		1.7	120
				32	-29.95	1.34		1.0	100
		Sharp 30°CA contact.	30-60°CA Ser'n	33	-30.97	1.02		1.5	145
				34	-31.28	0.41		1.7	685
14.95-21.12	Bk Chloritized Volcaniclastic	V. sheared 10-20% ep Local qtz-carb stringers. Red hem on fractures.		35	37.00-38.00	1.00		1.5	235
				36	51.95-52.40	0.45		1.7	75
		19.85 10 cm of lt gy clay alt around milky qtz- carb veining. Sharp 45°CA contact.		37	90.00-91.92	1.92	.093	2.9	>1000
				38	98.00-98.10	0.10	.249	7.4	>1000
21.12-22.63	Coarse Andes. Flow	1% diss py & wh qtz-carb veining. 21.74-22.10 sil'd zone 2-3% py.		39	106.00-107.41	1.41		1.6	215
				40	-109.00	1.59		1.2	100

INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
21.12-22.63	Coarse Andes. Flow	Gradational contact		17141 42	109.00-110.21 -110.92	1.21 1.71		2.2 1.8	205 125	
22.63.-26.97	Silicified Tuff	Lt gy Fg sil'n w/ 1% py. Wh qtz-carb, amethystine veining.	55°CA Tuff	43 44	-113.00 -115.10	2.08 2.10		0.9 2.0	55 170	
26.97-28.61	Sheared Seri- citized Flow(?)	Lt gy w/ gn tinge (gn biot?) w/ abund soft gn chl clay alt. Minor py, local wh qtz-carb veining.		45	-117.00	1.90		0.9	60	
		. Local sil'n 28.34 2 cm bx . wh qtz vein. 1 cm mass cp.		8166 67	91.42-94.00 97.44-98.00	2.08 0.56		1.1 .4	710 180	
28.61-29.95	Massive MG And Flow	Lt gy. Abund milky qtz-carb veins. Tr py. Bk alt felds(?). Sharp 60°CA contact.		68 69	-99.50 100.05-100.14	1.50 0.10		.4 .3	480 230	
29.95-51.95	Epidotized And. Flow	M. gy 1-2% ep inc to 5% 32-46 m. Diss py. Calcareous.		70 71	62.83-65.00 -67.00	2.17 2.00		.1 .3	275 17	
		30.97-31.08 Wh qtz-carb veining w/mass y py. 37.80 1 cm mass py vein w/hem 45°CA.		72 73	86.00-88.00 -90.00	2.00 2.00		.1 .1	75 265	
		38.0-39.0 minor ep. 39.20-39.45 Wh gg qtz sweat w/bk chl(?) at edges.								
		40.70-40.85 " " " " " " " 43.0-45.0 Local bk chl'd volcanoclastics-contain-								
		ing bl-gy qtz blebs → 5mm. 46.0-46.8 Minor bx'n w/weak sil'n.								
		46.8-49.50 Lt gy spotted ep flow. 5-10% ep in 0.5 cm masses.								
51.95-55.00	Andesitic Tuff	Lt gy, MG Minor feld xtl tuff and lithic tuff. Minor py			-23.16 -26.21	3.05 3.05			345 220	
		51.95-52.40 Mod sil'n, bx'n 1-2% py. Gradational.			-29.26 -32.31	3.05 3.05			340 330	
55.00-62.83	Mass. Andesitic Flow	M. gy rubbly appearance. 1% diss py. Minor bx'n & sil'n. Local bk chl'd volcanoclastic 30°CA.			-35.36 -38.40	3.05 3.05			270 700	

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres FROM TO	SAMPLE LENGTH	ASSAYS			
							Au oz/T	Ag ppm	Au ppb	
55.00-62.83	Mass. And. Flow	57.0 m sheared, w/minor ser'n & ep. Sharp 60°CA contact.			SLUDGES					
62.83-91.92	Silver King Porph. Dyke	V. sheared, ser'd. Minor diss py. tr cp. 66.40-67.18 FG lamp dyke. 55°CA contacts.			35.36-38.40 44.50	3.05 3.05			360 420	
		85.0 diss magnetite. Sharp irreg 30°CA contact.			-47.55 -50.60	3.05 3.05			540 460	
91.92-97.44	Epidotized Tuff	D. gy Qtz-carb veining 1% ep in stringers, locally 0.5 cm patches	45°CA Tuff		-53.64 -56.69	3.05 3.05			335 650	
		Gradational.			-59.74 -62.79	3.05 3.05			>1000 >1000	
97.44-107.41	Flow/Crystal Tuff	M. gy mass flow & feld xtl tuff tr ep. 93.00 10 cm of ser'n w/ 1 cm mass py-cp vein @			-65.84 -68.88	3.05 3.05			>1000 175	
		45°CA. vein cut off by 90°CA shear. 99.50-101.50 Bk sheared chl'd volcanoclastics.			-71.93 -74.98	3.05 3.05			195 165	
		103.0-104.0 Minor bx'n, 2% py. No sil'n. Gradational.			-78.03 -81.08	3.05 3.05			510 >1000	
107.41-117.00	Silicified Flow(?)	Lt gy intense sil'n & bx'n, 1-5% py. Tr cp. 108.3-108.7 ser'n.			-84.12 -87.17	3.05 3.05			280 280	
		110-21-110.92 Dyke? Lt gy 'salt & pepper" texture w/2-3mm irreg spots of apple gn alt adj to VFG pp			-90.22 -93.27	3.05 3.05			375 >1000	
		specks (bo?) cut by 20°CA amethyst vein. 115.1-117.0 mod-weak sil'n.			-96.33 -99.36	3.05 3.05			>1000 >1000	
		Gradational.			-102.41 -105.46	3.05 3.05			>1000 >1000	
117.00-119.57	Mass Andesite Flow	D. gn minor sil'n.			-108.51 -111.56	3.05 3.05			715 615	
119.57-125.49	Diorite	Local foliation. Stretched bk chl-py alt. xeno- liths 50°CA. 1% diss py.			-114.60 -117.65	3.05 3.05			850 530	

Property:	KENA	Location	Down Hole Surveys	Etch	Drilled By:	BEAUPRE
Area (Map #):	82-F/6W	Grid: 45+50N/50+28W	Depth: -	Az: *	Dip: *	From-To: Sept 23-24, 1986
Claim #:		1500 m El	107.90	*	-52	Size(s): NQ
M.D./County:	NELSON	Length: 107.90 (Units: M)		*		Logged By: R. J. JOHNSTON
Province:	B,C,	Azimuth: 055	Dip Collar: -45	*		Signed: 

Remarks:

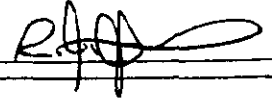
INTERVAL Metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE*	SAMPLE #	INTERVAL Metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
0-11.58		Casing		8178	11.50-13.50	2.00		.3	420	
				79	-15.55	2.05		.6	410	
11.58-15.55	Epidotized And. Flow	D. gy. 3-10% ep diss & stringers. Local wh qtz-ep veins @ 45°CA. 1-2% py.		80	-17.00	1.95		.1	160	
				81	-18.90	1.90		.2	140	
		13.20 1 cm wh qtz-ep vein w/mass py @ 10°CA. Sharp 70°CA contact		82	-20.00	1.10		.6	310	
				83	24.00-25.00	1.00		1.1	780	
15.55-18.90	Porph And. Dyke	Lt gy-gn w/ local 5mm wh feld phenos. Minor thin vuggy qtz-py veins		84	-26.60	1.60		2.1	960	
				85	27.43-27.66	0.23		.5	.87	
18.90-46.50	Ep Andesite Flow	As above. 20.00 lithic tuff. 24.0-25.0 Lt gy minor ser'n 2/3% stringer py &		86	-29.31	1.65		1.1	190	
				87	-30.75	1.44		1.1	165	
		irreg qtz vein 25.7-26.0 Lt gy minor ser'n, local mass cp @ 26.0		88	36.00-37.25	1.25			190	
				89	38.96-39.27	0.31			390	
		27.43-27.66 Milky qtz stockwork. abund rd hem. Single 45°CA vein w/smaller irreg ones.		90	42.30-42.60	0.30			250	
				91	43.00-43.72	0.72			190	
		27.66-30.75 local milky veins. 29.31-30.75 Pervasive lt gy ser'n w/thin milky wh		92	45.00-46.50	1.50			186	
				93	-48.00	1.50			250	
		qtz stringers & diss bk hem pk tinge bx'd Intense bx'n 20°CA 3 cm wide. zone at 30.30m		94	50.00-52.00	2.00			350	
				95	-53.00	1.00			149	

INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE*	SAMPLE #	INTERVAL FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
18.90-46.50	Ep. Andesite Flow	36.50 Minor ser'n	45-60°CA Tuff	8196	53.00-54.80	1.80			175
		38.96 1 cm gy qtz vein @ 60°CA - minor sil'n		97	-55.13	0.33			136
		42.30-42.60 Minor ser'n 5% py.		98	-55.32	0.19			148
		43.00-43.72 Irreg wh qtz vein w/bk chl, ep sub		99	-57.07	1.75			190
		parallel core.		8200	-59.00	1.93			89
		45.50 0.5 m of wk crackle bx'n-bk chl stringers		01	-61.00	2.00		.1	89
		Gradational		02	-63.00	2.00		.1	47
				03	-65.00	2.00		.1	45
46.50-68.40	Mass. Andesite Flow/Tuff	Lt gy, gen mass. Local tuff . Tr ep 1-2% py diss &		04	-67.00	2.00		.1	114
		stringer. Local sections → 5%. Wh, gy qtz-cc		05	-68.40	1.40		.1	47
		veining.		06	69.90-71.00	0.10		.2	71
		48.80-50.50 Local bk chl'd volcanoclastics w/abund		07	-73.00	2.00		.1	90
		53.0 Local gy ser'n w/qtz veining. 5% py, minor		08	76.00-78.00	2.00		.3	175
		sil'n.		09	82.92-84.56	1.64		.1	60
		54.80-57.07 Minor sil'n w/abund qtz-py veins → lcm		10	86.66-87.56	0.90		.2	67
		local pk pot(?) alt.		11	92.10-92.30	0.20		1.0	116
		55.13-55.32 Pk sil'n (pot?) alt w/60°CA trend		12	-94.00	1.70		.5	129
		w/ 5% py & bright red hem?		13	-95.66	1.66		.3	185
		55.60 15 cm of wh-gy qtz w/3% py & rd hem.		14	-96.50	0.84		.4	72
		66.0 20 cm of sil'd crackle bx.		15	98.50	2.00		.2	76
		Gradational		16	100.60-102.70	2.10		.4	101
68.40- 107.90	Andesite Tuff	Various types of tuff, gen 45°CA. Local ep'd flows,	45-60 CA Tuff		SLUDGES				
		wh cc veins 1% py. Local bk chl'd volcanoclastics							
		69.00-71.0 ser'd tuff w/3% coarse py.			11.58-13.41	1.83			940
		77.40 2 cm pk qtz-cc veins -60° w/py.			-16.46	3.05			290
		79.0 Abund qtz veining.			-19.51	3.05			121
		82.92-84.56 Lt gy ser'd bx zone. Ser'd clasts in			-22.55	3.05			240

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
68.40- 107.90	Andesite Tuff	matrix of ser w/ bk chl specks, py. Minor sil'n. 2% py.			<u>SLUDGES</u>					
		86.66-87.56 Bk volcanoclastic w/ local sections of gr-gn sil'n adj to wh qtz-bk chl veins. 1%py			22.55-25.60	3.05				1020
					-28.65	3.05				3410
		88.0-92.0 Tuff 1-2% py. Local minor sil'n (92.10- 92.30).			-31.70	3.05				150
					-34.75	3.05				142
		93.0-103.0 Gy tuff w/ sil'd crackle bx sections - 0.5 cm. 2-3% py.			-37.79	3.05				120
					-40.84	3.05				500
		103.0-107.90 Abund wh cc-qtz veining in sheared volcanoclastics.			-43.89	3.05				330
					-46.94	3.05				155
		END OF HOLE.			-49.99	3.05				1030
					-53.03	3.05				570
					-56.08	3.05				109
					-59.13	3.05				90
					-62.18	3.05				102
					-65.23	3.05				25
					-68.27	3.05				95
					-71.32	3.05				69
					-74.37	3.05				70
					-77.42	3.05				270
					-80.47	3.05				200
					-83.51	3.05				63
					-86.56	3.05				32
					-89.61	3.05				220
					-92.66	3.05				190
					-95.71	3.05				200
					-98.75	3.05				43
					-101.80	3.05				220

INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
30.00-35.75	Epidotized Lithic Tuff	Lt gy w/2-3% fine bk chl'd mafic grains. Foliated 45-60°CA. Locak wh feld phenox → 3 mm. Stretched		8235	60.00-62.00	2.00			.3	75
				36	-63.00	1.00		.3	55	
35.75-38.10	Epidotized And. Flow	bk chl-py-ep xenox locally. 1% diss py. Local minor ep stringers. Maybe foliated dyke.		37	69.62-70.00	0.38			.2	92
				38	73.00-74.00	1.00		.3	240	
				39	77.50-78.50	1.00		.3	160	
				40	82.90-83.10	0.20		.3	78	
38.10-46.87	Silver King Porp. Dyke	Ser'd minor diss py-ep. Sheared, Foliated 45-70° CA up to 5% ep.		41	-84.36	1.26			.3	390
				42	-85.75	1.39		.4	320	
		40.61-40.94 40°CA shearing - ser'n qtz veins.		43	-86.75	1.00			.3	101
				44	89.64-89.74	0.10		.2	170	
46.87-92.0	Epidotized Flow/Tuff	M-d.gy and w/1-5% ep as stringers, 5 mm FG masses Most of section flow → 1% brassy py as stringers		45	95.01-95.17	0.16			.2	66
				46	-96.47	1.30		.8	280	
		diss local cc-hem veins. Qtz veins 51.65 40°CA Gy FG qtz vein 1 cm w/local py		47	-97.17	0.70			1.3	139
				48	-99.00	1.83		.1	83	
		55.0 Ep'd intrusive pebbles 58.0 1 cm qtz-ep-bk chl vein 20°CA		49	-100.98	1.98			.1	41
				50	-101.16	0.18		.2	50	
		60.5 20 cm of minor sil'n around 20 cm thin wh qtz veins.		51	-102.50	1.34			.1	34
				52	104.47-105.12	0.65		.2	33	
		63.0 Ep'd arg clast of wh qtz in 60°CA shear. 69.62-70.0 Mod lt gy sil'n adj to irreg wh qtz vein.		53	-107.00	1.88			.1	72
				54	-108.50	1.50		.1	107	
		73.60 Minor wh qtz veins w/local sil'n		55	-110.01	1.51			.2	156
				56	-110.72	0.71		.1	30	
		78.0 Thin 45°CA qtz veins - minor rd hem. 82.90-83.10 Lt gy ser'd tuff 60°CA fol. Minor	70-80° shearing	57	-111.50	0.78			.4	114
				58	-113.50	2.00		.3	104	
		diss py. 84.36-85.75 Lt. mod sil'n pk tinge. 1% py. Local		59	-115.50	2.00			.3	157
				60	-117.50	2.00		.1	39	
		wh qtz stringers. 89.64-89.74 Irreg coarse wh-pk qtz vein w/minor		61	121.95-122.87	0.92			.2	106
				62	124.50-125.10	0.60		.1	25	


INTERVAL		ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
FROM	TO					FROM	TO		Au oz/T	Ag ppm	Au ppb
46.87-92.0	Epidotized Flow/Tuff		bk chl. 95.10 5 mm vuggy 2h qtz vein 30°CA		8263	125.10-126.50	1.40		1.1	200	
						136.00-137.50	1.50		.5	110	
			Gradational		65	146.00-147.43	1.43		.3	52	
						-149.35	1.92		.2	36	
92.0-117.50	Andesite Flow		Lt-m-gy, mass 2-5% py diss & stringer. Locally foliated 70°CA. Local minor sil'n		67	-149.75	0.40		.5	100	
						-150.00	0.25		.1	66	
			96.47-97.17 Gy-pk sil'd w/milky qtz carb veining 45°CA.		69	-150.33	0.33		.3	79	
						-152.00	1.67		.3	210	
			100.98-101.16 Gy-pk sil'n w/irreg qtz veining 104.57-105.12 " " " milky qtz-carb		71	-154.23	2.33		.3	200	
						-155.80	1.57		.7	152	
			veining. 105.50-106.0 Ser-sil'n		73	-157.50	1.70		.5	140	
						-159.41	1.91		.2	670	
			107.0 Local crackle bx'n w/minor sil'n. 110.01-110.72 Gy-pk sil'n w/ fine qtz=ab(?) -py		75	163.00-165.00	2.00		.4	85	
						172.73-173.10	0.37		.2	41	
			stringers. 111.0-113.0 Dark tuff - ep stringers		77	-175.50	2.40		.3	46	
						-177.50	2.00		.5	48	
			111.0-111.50 Sil'd d gn aug porphyry - minor crackle bx'n.			<u>SLUDGES</u>					
			113.0 Crackle bx'n - minor sil'n. Gradational.			4.88-7.92	3.05			100	
						-10.97	3.05			230	
117.50-147.43	Dark Tuff/ Flow		M.d.gy, more tuff beds, sheared bk chl'd volcani- clasts. Locally abund ep, cc, py veining to 134m			-14.02	3.05			400	
						-17.07	3.05			190	
			121.95-122.87 Mod sil'n, vuggy. 124.50-125.10 Mod sil'n, crackle bx'n			-20.12	3.05			320	
			130.50 Int bebble beds. 135.0-136.0 Bk chl'd sheared volcanoclastics								
			136.0-137.50 Gy qtz veining & sil'n. Gradational.								

Property: <u>KENA</u>	Location: _____	Down Hole Surveys	Etch	Drilled By: <u>BEAUPRE</u>
Area (Map #): <u>82-F/6W</u>	Grid: <u>44+30N/50+75W</u>	Depth: _____	Az: _____	Dip: _____
Claim #: _____	<u>1500 m El</u>	<u>120.09</u>	•	-51 • Size(s): <u>NQ</u>
M.D./County: <u>NELSON</u>	Length: <u>120.09</u> (Units: <u>M</u>)	_____	•	Logged By: <u>R. J. JOHNSTON</u>
Province: <u>B.C.</u>	Azimuth: <u>060</u> • Dip Collar: <u>-45</u> •	_____	•	Signed: 

Remarks: _____

INTERVAL metres		ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
FROM	TO					FROM	TO		Au oz/T	Ag ppm	Au ppb
0-7.31			Casing		8279 80	7.31-8.65 -10.50	1.34 1.85				107 395
7.31-8.65		Lamprophyre Dyke	Bk FG. Sharp 45° contact.		81 82	-12.00 -13.18	1.50 1.18				305 540
8.65-48.22		Tuffaceous Andesite	Lt gy. Local mod sil'n, bx'n. Qtz, cc stringers // tuff. Minor ep. <1% py diss stringer. Mass		83 84	-14.20 -16.00	1.02 1.80				260 71
			flows to bottom, 13.18-14.20 Gy-pk sil'n w/fine irreg qtz veins.		85 86	-17.03 -19.00	1.03 1.97				155 .64
			Minor py. 13.25 0.5 cm wh qtz veins w/pp hem, ep 10°CA.		87 88	24.40-25.35 27.40-29.00	0.95 1.60				73 51
			17.03-19.30 5% ep. 18.40 10°CA wh, pk qtz-cc bk chl vein		89 90	-30.00 -32.00	1.00 2.00				49 40
			24.40-25.35 Local sil'n w/Qtz veins 1-2% py. 27.40-30.0 " " " cc veining.		91 92	-34.00 37.00-37.18	2.00 0.18				50 36
			34.0-36.0 5% ep. 36.0-37.0 Lithic tuff 65°CA,		93 94	39.00-40.50 42.50-43.50	1.50 1.00				66 82
			37.0-40.5 Local 0.5-lcm gy qtz veins - minor py. 40.0-43.2 5% ep.		95 96	44.30-44.50 48.22-50.00	0.20 1.78				28 32

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
8.65-48.22	Tuffaceous Andesite	43.2 Irreg wh pk qtz-cc vein		8297	50.00-52.00	2.00			43	
		44.4 Irreg wh qtz-cc vein		98	-54.00	2.00			68	
48.22-63.00	Ep'd Lithic Tuff	D. gy FG-MG 2-3% ep. Stretched bk chl'd xenos 1% py. Maybe foliated dyke.	70°CA Tuff	99	-56.00	2.00			41	
				8300	66.00-68.00	2.00			78	
		55.0-55.30 Minor sil'n, bx'n		01	-70.28	2.28			53	
		57.50 Mod sil'd zone		02	56.93-57.14	0.21			33	
		Contact indistinct		03	76.35-76.52	0.17			124	
				04	80.50-82.00	1.50		.2	66	
63.00-70.28	Silver King Porphyry	Gy felds, wh near ep veins. 1-2% ep		05	-84.00	2.00		.3	77	
		Sheared, ser'd near bottom contact.		06	-86.00	2.00		.1	320	
70.28-74.06	Chloritized Volcaniclastics	Bk chl, sheared soft. Abund wh cc, qtz, ab string- ers subparallel to shearing	80°CA Shearing	07	-88.00	2.00		.4	69	
				08	95.00-96.00	1.00		.2	92	
		56.93-57.14 Bx'd qtz vein & minor sil'n.		09	99.30-99.60	0.30		.2	175	
				10	101.0-102.00	1.00		.3	104	
74.06-79.51	Epidotized Coarse Lithic	MG andesitic tuff, poorly defined 70°CA fabric. Abund bk chl & py. (alt sed?) clasts → 3 cm,		11	105.0-106.00	1.00		.2	72	
				12	-107.65	1.65		.3	295	
	Tuff	locally stretched. Single clast with 7 mm py cube 2-3% diss & stringer.		13	-108.10	0.45		1.9	131	
				14	-108.50	0.40		16.4	210	
		76.40 1 cm wh qtz vein w/ diss py 20°CA		15	-109.10	0.60	.031	4.7	1160	
				16	-111.10	2.00	.097	6.1	3280	
79.51-88.70	Andesite Flow/Tuff	Lt by, local feld xtl tuff. 1-2% diss, stringer py. Abund wh-gy qtz, ab stringers. Local sil'n		17	-112.50	1.40		.3	47	
				18	-113.90	1.40		.1	61	
		& cackle bx'n. Local ep'd sections	80°CA	19	-115.80	1.90		.4	560	
		79.51-80.50 Bk chl'd sheared volcaniclastics		20	-115.88	0.08		1.6	860	
		80.50 10 cm of pk-gy sil'n w/ser-sil alt for 5cm into wallrock.		21	-116.20	0.32		.2	138	
				22	118.7-120.09	1.39		.2	39	
		85.80 cp & py in qtz vein. Gradational								

Property:	<u>KENA</u>	Location:	<u></u>	Down Hole Surveys	Etch	Drilled By:	<u>BEAUPRE</u>
Area (Map #):	<u>82-F/6W</u>	Grid:	<u>47+00N/50+45W</u>	Depth: -	Az: <u></u>	Dip: <u></u>	From-To: <u>Sept 27-30, 1986</u>
Claim #:	<u></u>	<u>1520 m El.</u>	<u></u>	<u>108.51</u>	<u></u>	<u>-59°</u>	Size(s): <u>NQ</u>
M.D./County:	<u>NELSON</u>	Length:	<u>267 (Units: m)</u>	<u>273.10</u>	<u></u>	<u>-61°</u>	Logged By: <u>R. J. JOHNSTON</u>
Province:	<u>B.C.</u>	Azimuth:	<u>040</u>	Dip Collar:	<u>-60</u>	<u></u>	Signed: <u></u>

Remarks:

INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
0-8.23		Casing		8323	8.23	-9.90	1.77		.1	45
						-10.37	0.47		.1	65
8.23-12.94	Silver King Porph Dyke	Gy felds, locally wh around qtz, ep veins. Ep'd. 9.90-10.37 60° shear. FG gy-pk milky qtz-carbveins		25	11.67	-11.87	0.20		.1	18
						-12.94	1.07		.1	17
		11.70 Irreg coarse qtz-bk chl vein w/cp Contact sheared ser'd.	70°CA Tuff	27	24.50	-26.12	0.62		.2	122
						-28.00	1.88		.2	117
12.94-26.12	Ep'd Lithic Tuff	Well defined tuff w/ ep'd feld grains 2-3mm & local stretched chl'd lithic clasts. Local qtz,		29		-30.00	2.00		.1	83
						31.40	-31.76	0.36	.029	.4
		cc veining. 24.7 Wh qtz vein w/rd ox staining		31		-33.00	1.24		.1	103
						38.00	-39.00	1.00		.1
26.12-39.00	Ep'd Flow/Tuff Flow	Gy-gn; more massive than above. Abund qtz, cc veining. Local sil'n, crackle bx'n.		33		-39.80	0.80		.2	109
							-40.17	0.37		.1
		31.40-31.76 Lt by intense sil'n & bx'n, 5% py	70°CA Tuff	35		-42.00	1.83		.1	71
							-43.20	1.20		.3
39.00-44.72	Ser-Sil. Alt. Tuff	Lt gy Hard. Abund wh, milky qtz string -ers. <1% py.		37		-44.72	1.52			130
							-47.00	2.28		
		39.50-39.80 Sil'd bx'd zone w/5% py. 39.80-40.17 Diorite? sil'd, bx'd at contacts		39		53.00	-54.42	1.42		105
							-54.90	0.48		

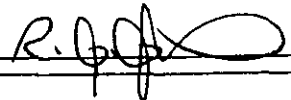
INTERVAL		ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE"	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
FROM	TO					FROM	TO		Au oz/T	Ag ppm	Au ppb
39.00-44.72	Ser-Sil. Alt. Tuff	40.35-43.20 Sil'n around milky qtz-carb veins - gn biot? stringers.			8341	54.90-56.50	1.60			185	
					42	61.00-62.50	1.50			265	
		43.20-44.72 Sheared tuff w/broken qtz veins. Hem stringers.			43	-63.57	1.07			155	
					44	-63.84	0.27			66	
44.72-85.0	Epidotized And. Tuff	Lt-m.gy Well developed fabric. 2-3% ep. 1% stringer py. Wh qtz-cc veining. Mass sections	70°CA Tuff.		45	-65.00	1.16			122	
					46	65.66-67.00	0.34			94	
		44.72-47.0 Mass d.gy-gn w/abund wh qtz veining 54.42-54.90 Lt gy, sil'd crackle bx zone.			47	-68.20	1.20			152	
					48	69.48-69.70	0.22			420	
		59 -65 Mass flow. Ep in FG masses → 1 cm. 61.50 Abund wh qtz-py veins			49	-71.00	1.30			115	
					50	72.50-74.00	1.50			65	
		63.57-63.84 10 cm CG wh qtz vein w/bk chl & coarse cp.			51	74.50-75.50	1.00			86	
					52	81.85-83.71	1.86			420	
		65-68- Ep'd lithic tuff. 65.86-68.20 sheared, sil'd zone 5% ep 1% py			53	85.0-86.78	1.78			320	
					54	-87.89	1.11			67	
		69.60 10 cm of sil'n w/py around 3 cm bx'd qtz vein w/ 2% py @ 90°CA.			55	94.30-94.50	0.20			220	
					56	-95.50	1.00			360	
		72.50-74.0 Fine aug porphyry flow. Gy-gn minor ep 75.0 10 cm of wk crackle bx'n. No sil'n			57	92.70 -97.21	0.21			720	
					58	97.60-99.50	1.90			250	
		81.85-83.71 Lt gy MG dioritic dyke, Poss ep'd lithic crystal tuff. Local indistinct feld phenos			59	101.00-102.68	1.68			180	
					60	-103.0	0.34			132	
		Poss porphyr and. Bk chl'd stretched zenos 70°CA 84 -85 Aug porphyry flow.			61	-104.50	1.50			240	
					62	-106.00	1.50			111	
85.0-102.68	Ep'd Andesite Flow	D.gy-bk, bx'd, flow banding 60-70°. 5-10% ep. Local gy elongate qtz pods → 1 cm.	60-70° Flow		63	-107.80	1.80		.1	55	
					64	112.50-114.15	1.65		.3	109	
		86.78-87.89 Dyke? as above sharp 70°CA contacts 94.40 5 cm sil'd band 80°CA, broken bx'd sim to host - appears to be syngenetic.			65	-114.30	0.15	.059	.3	2100	
					66	-116.00	1.70	.033	.1	1060	
		95.0 1 cm wh qtz-py vein 20° CA.			67	-118.00	2.00		.2	350	
					68	-119.27	1.27		.8	290	

INTERVAL		ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
FROM	TO					FROM	TO		Au oz/T	Ag ppm	Au ppb
85.0-102.68	Ep'd Andesite Flow	97.0	20°CA wh cc-rd hem vein in shear.		8369 70	119.27-119.70	0.43		1.3	190	
						122.25-123.00	0.75		.4	305	
102.68-107.80	Feldspar Porph. Dyke.		Not Silver King. Lt gy, rubbly w/local wh felds. Som ser-sil alt. 1% diss py.		71 72	124.25-125.25	1.00		.4	139	
						126.80-127.15	0.35		.8	165	
			Sharp 60°CA contact. Minor crackle bx'n. Zoned plag xtls.		73 74	-129.25	2.10		.3	160	
						134.00-134.53	0.53		.3	150	
			106.0-107.80 Lt gy-pk pot-sil alt. w/ pervasive crackle bx'n		75 76	-135.33	0.80		.4	7	
						141.00-142.16	1.16		.4	114	
107.80-142.16	Ep'd Andesite Flow		As above. 114.15 Gy bx'd sil'n w/wh qtz veins		77 78	-144.35	2.19		.1	62	
						-147.02	2.67		.1	295	
			114.30-118.0 MG dioritic dyke as above. Well fol 70°CA. 2-3% lower contact gradational		79 80	-148.44	1.42		.4	520	
						-150.50	2.06		.1	210	
			119.27-119.70 Gy-pk pot sil alt zone w/bx'n aroun d qtz veins. Rd hem in fractures.		81 82	-152.00	1.50		.1	190	
						-153.30	1.30		.3	290	
			122.25-123.0 Minor crackle bx'n in gy-gn mass and. 124.25-125.25 Local irreg gy FG qtz veins w/minor py.		83 84	-154.60	1.30		1.6	640	
						-156.00	1.40		1.2	520	
			126.80-129.25 D. gy mass and abund qtz veins. Rd hem in fractures.		85 86	-157.12	1.12		.8	1170	
						-158.10	0.98		.9	118	
			126.90 Mod gy sil'n & crackle bx'n		87 88	-160.37	2.27		.7	420	
						-162.00	1.63		.6	265	
			129.25-140.0 Ep as 1 cm FG masses & stringers in mass dy gy and.		89 90	165.00-167.00	2.00		.7	345	
						168.00-169.40	1.40		.5	159	
			133.30-134.50 Low CA° wh qtz-py-hem qtz veins 134.53-135.33 FG bk lamp dyke 70°CA contacts		91 92	-170.40	1.00		.6	157	
						-172.00	1.60		1.3	330	
			141.0-142.16 D. gy bk sheared tuff. Abund fine cc ab stringers. 1-2% stringer py. Sharp 45°CA contact.		93 94	-173.80	1.80		1.3	265	
						-175.90	2.10		.9	430	
					95 96	-178.00	2.10		.8	129	
						-180.00	2.00		.5	155	

INTERVAL		ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
FROM	TO					FROM	TO		Au oz/T	Ag ppm	Au ppb
142.16-153.30	Dykes		MG dior & SK dykes with tuff sections Diorite		8397	180.00-182.00	2.00		.3	52	
					98	183.00-185.00	2.00		.5	71	
			142.16-144.35 Lt gy ser'n, minor sil'n. Irreg thin wh qtz veins		99	188.70-190.36	2.16		.6	80	
					8400	192.86-193.51	0.65		.6	93	
			144.35-148.44 Intrusive SKP? v. & ser'd 147.02-148.64 Sheared 70°CA.		01	194.38-194.90	0.52		.3	75	
					02	-195.17	0.27		.4	61	
			148.64-153.30 Lt gy ser'd SK. Minor mag. Sharp 90°CA.		03	-197.20	2.03		.7	129	
					04	-198.50	1.30		.6	174	
153.30-160.37	Silicified Zone.		Lt gy ser, Mod-intesne sil'n in flow? Sil'n in distinct zones (veins) 1-25 cm wide 70-80°CA sur by m.d.gy Flow. Poss dior dykes 1% stringer py, locally → 3%.		05	-199.76	1.26		.2	118	
					06	-202.16	2.40		.4	230	
					07	-202.47	0.29		1.3	760	
					08	-204.00	1.53		1.0	290	
			153.30-154.60 Wk-mod sil'n 157.12-158.10 Sheared tuff 70°CA. Abund irreg wh		09	-206.00	2.00		1.2	310	
					10	-206.61	0.61		.9	220	
			qtz tension veins		11	-206.94	0.33		2.0	290	
			158.10-160.37 Wk-mod sil'n in m.gy dior(?) 2% py Abund thin wh qtz stringers.		12	-207.85	0.91		.2	133	
					13	-208.20	0.45		1.3	1470	
					14	-210.00	1.80		.7	26	
160.07-169.40	Chloritized, Sheared Tuff		Bk, FG, intensely chl'd. Shear fabric prominent 70-80°CA. 2-3% brassy py diss & stringer. Abund. wh qtz stringers at various CA's. Local mirrsil'n Gradational.		15	211.00-212.00	1.00		.3	160	
					16	213.00-213.09	0.09		1.3	146	
					17	214.00-216.18	2.18		.3	109	
					18	-216.65	0.47		.8	187	
169.40-175.90	Silicified Tuff		Lt gy mod-intense sil'n. Minor ser. 1% stringer y py. Local wh qtz veins.		19	-218.70	2.05		1.2	293	
					20	-220.50	1.80		.5	360	
			169.40-170.40 m.gy lithic tuff 50°CA. 172.0-173.80 Intense sil'n minor py stringers.		21	-222.50	2.00		.4	117	
					22	-224.00	1.50		.7	210	
			173.80-175.90 Wk mod sil'n in bk chl'd tuff. 2% py Sim. to above.		23	-225.50	1.50		.2	68	
					24	-227.48	1.98		.4	1350	

INTERVAL		ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
FROM	TO					FROM	TO		Au oz/T	Ag ppm	Au ppb
169.40-175.90	Silicified Tuff		174.90 1 cm whqtz vein w/py-cp 30°CA.		8425 26	229.60-231.00	1.40		.4	190	
						234.50-236.00	1.50		.7	350	
175.90-190.80	Lithic Tuff		M.gy, Local bk-d.gy stretched clasts → 2 cm 70°CA. Abund wh cc, qtz, ab stringers. Local		27 28	240.50-242.50	2.00		.2	128	
						249.49-251.43	1.94		.3	96	
			minor sil'n. Minor cp. 183.0 Intrusive pebbles.		29 30	252.93-253.59	0.66		.3	15	
						-253.96	0.37		.7	119	
			188.70-190.86 Gy-pk sil'n w/3% stringer & py, qtz veining.		31 32	-254.63	0.67		.6	30	
						259.50-261.50	2.00		.2	33	
190.86-194.90	Tuff/Flow		Mostly chl'd sheared tuff 70-80°CA. Abund wh cc- ab stringers. 1% brassy py. Local gy sil'd clasts	70-80°CA Tuff	33 34	264.00-266.00	2.00		.4	21	
						272.00-273.10	1.10		.3	15	
			(?) stretched parallel shearing. 192.86-193.51 MG diorite dyke 1% py.			<u>SLUDGES</u>					
			194.38-194.90 " " " "			8.23-10.97	2.74				365
						-14.02	3.05				27
194.90-208.20	Silicified Tuff/Flow		Gy-pk sil'd zones 0.5→ 2 m in d.gy weakly sil'd tuff/flow. 2-3% py in intense sil'd zone.			-17.07	3.05				90
						-20.12	3.05				70
			194.90-195.17 Intense sil'n. 195.17-197.20 Wk sil'n in dk tuff. Minor ep.			-23.16	3.05				149
						-26.21	3.05				129
			197.20-199.76 Mod intense gy sil'n 2-3% 199.76-202.16 Lithic tuff.			-29.26	3.05				165
						-32.31	3.05				640
			202.16-202.47 Lt gy sil'n w/2-3% y py. 206.61-206.91 Gy pk intense sil'n 1% y py.			-35.36	3.05				215
						-38.40	3.05				205
			207.85-208.20 " " " "			-41.45	3.05				87
						-44.50	3.05				83
208.20-218.70	Chloritized Sheared Tuff		Bk, soft 2-3% brassy py stringers parallel shear- ing. Abund wh cc-ab-qtz stringers. Local gy-pk	80°CA Shearing		-47.55	3.05				71
						-50.60	3.05				460
			sil'd zones 2-5 cm. Local ep. 213.00-213.09 By-pk sil'n w/20% y py 80°CA.			-53.64	3.05				185
						-56.69	3.05				215

INTERVAL		ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL		SAMPLE LENGTH	ASSAYS		
FROM	TO					FROM	TO		Au oz/T	Ag ppm	Au ppb
208.20-218.70		Chloritized Sheared Tuff	216.18-216.65 Gy-pk sil'n w/ 20% y py 45°CA. 217.20 cp + py in 70°CA Qtz vein.			<u>SLUDGES</u>					
218.70-227.48		Silicified Flow	M.gy FGMG w/ local gy feld grains. Abund mod sil'n, locally intense, crackle bx zones. Local rd hem on fractures. 219 -220 crackle bx-mod sil'n minor py.			56.69-59.74	3.05				305
						-62.79	3.05				160
						-65.84	3.05				205
						-68.88	3.05				131
						-71.93	3.05				195
			220.70 Diss y py w/ep. 222.50-225.50 Mod sil'n w/ 1% py w/fine qtz			-74.98	3.05				69
			stringers. 225.50-227.48 Intense sil'n & crackle bx'n 1% py			-78.03	3.05				175
			Minor cp.			-81.08	3.05				265
						-84.13	3.05				480
						-87.17	3.05				505
227.48-258.0		Tuff	Soft bk chl'd tuff, w/local lt gy sericitic tuff. 1% py. Locally abund wh cc veining.	80°CA Tuff		-90.22	3.05				585
						-93.27	3.05				490
			227.50-229.60 Abund ep stringers. 234.0-236.0 Lt gy ser'd sheared tuff.			-96.32	3.05				9220
						-99.36	3.05				3900
			241-242 Minor wk sil'n. 249.49-251.43 Ser-sil'd Bx'd feld porphyry dyke			-102.41	3.05				640
						-105.46	3.05				1410
			0.5% py. 252.93-253.59 Lt gy and flow 1% diss py.			-108.51	3.05				340
						-111.56	3.05				320
			253.59-253.96 Gy-gn clay alt bx 253.96-254.63 Lt gy sil'd zone. Am stringers 1%			-114.60	3.05				190
						-117.65	3.05				650
			y py. wh vuggy qtz veins.			-120.70	3.05				960
						-123.75	3.05				1070
258.0 -273.10		Sericified Tuff	Lt gy sericitic tuff. Local dark tuff. Minor sil'd zones. Abund wh cc, qtz-ab stringers 1% py	80°CA Tuff		-126.80	3.05				1130
						-129.84	3.05				1060
			259.50-261.50 Minor sil'n. 264.20 Minor sil'n			-132.89	3.05				290
						-135.94	3.05				185

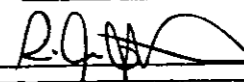
Property:	KENA	Location		Down Hole Surveys	Etch	Drilled By:	BEAUPRE
Area (Map #):	82-F/6W	Grid:	45+50N/49+70W	Depth:	Az: °	Dip: °	From-To: Oct 1, 2, 1986
Claim #:		1500 m El.		126.19	•	-55°	Size(s): NQ
M.D./County:	NELSON	Length:	214.58 (Units: m)	214.58	•	56°	Logged By: R. J. JOHNSTON
Province:	B.C.	Azimuth:	040	Dip Collar:	-45	•	Signed: 

Remarks:

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/t	Ag ppm	Au ppb
0-3.65		Casing		8435	2.46	3.00	0.54		1.0	390
				36	3.80		0.80		.5	195
2.46-28.75	Silicified And. Flow	Lt-m-gy flow. Local ep 1-2% diss, stringer py. Local mod-intense gy (locally pk pot alt) sil'n		37	-	4.50	1.70		.7	123
		w/local crackle bx'n.		38	-	7.67	3.17		.2	150
		2.46-3.00 Shear? Abund qtz pods 45°CA, crackle		39	-	8.95	1.28		.1	48
		bx'n w/bk chl matrix.		40	-	10.50	1.55		.1	43
		4.00 10 cm of intense gy pk sil'n, crackle bx.		41	-	12.02	1.52		.1	88
				42	-	14.00	1.98		.5	105
		4.50-7.67 2% py minor ep.		43	-	16.00	2.00		.4	43
		7.67-8.95 Intense gy pk sil'n 2% py.		44	-	18.00	2.00		.5	230
		12.02 ^{-22.00} Gy-pk mod sil'n. Crackle bx'n 1% diss py.		45	-	20.00	2.00		.3	51
		22.10-23.39 Intense sil'n crackle bx'n. 1% py.		46	-	22.10	2.10		.7	53
		24.50-26.0 Minor local sil'd crakle bx.		47	-	23.39	1.29		.3	105
		27.80-28.75 Gy-pk int sil'n 3% py. Irreg bk mn(?)		48	-	25.00	1.61		.4	107
		patches, irreg wh qtz veins.		49	-	26.50	1.50		.1	190
				50	-	27.80	1.30		.5	250
28.75- 44.65	Tuff	Dark, chl'd tuff, minor gy serititic tuff, abund lithic tuff -clasts of porph intrusive (dior?), &	70-80° CA Tuff	51	-	27.85	0.05		.2	131
				52	30.86-	32.45	1.59		.3	72

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION (cont)	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres FROM TO		SAMPLE LENGTH	ASSAYS		
					Au oz/T	Ag ppm		Au ppb		
28.75-44.65	Tuff	Bk chl'd pyrite fragments. 1% diss stringer py Local lt gy sil'd zones.		8453 54	33.13-34.75	1.62		.4	45	
					-36.00	1.25				.4
		30.86-32.45 Gy sericite tuff 2% py. Qtz veining 33.13-34.75 Gy sil'd flow. Mod sil'n 2% y py.		55 56	-37.79	1.79	.059	.5	102	
					44.65-46.50	1.85				1.2
		34.75-37.79 Gy sil'd crackle bx zones. 2% y py. 37.27-43.0 Lithic tuff - stretched bk chl'd py		57 58	-48.00	1.50	.028	.6	1040	
					-49.00	1.00				.3
		clasts & feld porph cobbles → 3 cm 43.0-44.65 tuff w/2% diss ep		59 60	-51.00	2.00		.3	66	
					52.50-54.00	1.50				.3
		Gradational.		61 62	57.27-58.50	1.23		.4	72	
					-60.15	1.65				.6
44.65-49.0	Silicified Flow	Lt gy-pk weak-intense sil'n & local crackle bx'n 45.90 10 cm of intense gy-pk sil'n around 60°CA		63 64	-60.35	0.20		.9	210	
					62.96-63.52	0.56				1.0
		w/qtz veins 1% py. Gradational.		65 66	65.10-67.00	1.90		1.8	560	
					-69.24	2.24				.4
49.0-56.0	Mass Andesite Flow	M.gy 1% fine diss py. Local tuff sections. Abund irreg wh qtz veins, stringers. Minor sil'n		67 68	-71.00	1.76		.7	113	
					-72.50	1.50				.7
		52.50-53.50 mod sil'n. 55.0-56.0 Lt gy sericitic tuff.		69 70	-74.00	1.50		1.4	450	
					74.77-76.48	1.71				1.0
56.0-159.98	Tuff	Lt-m. gy sericitic tuff, lithic tuff. Local sil'd sections.		71 72	-78.82	2.34		.9	190	
					81.61-82.20	0.59				.6
		57.27-60.15 Lithic tuff. 10cm of sil'n around 1cm gy qtz veins 90°CA 57.30-57.40.		73 74	-83.50	1.30		.5	200	
					-85.02	1.52				.5
		60.15-60.35 Intense m.gy sil'n w/5% y py. Wh qtz tension veins 0°CA.		75 76	91.33-93.00	1.67		3.0	790	
					-94.83	1.83				.7
		61.95-62.70 Ser tuff. 10°CA am vein. 62.96-63.52 Sil'n around milky qtz-carb veins. Tr py.		77 78 79	96.37-98.45	1.08		.7	93	
					-100.49	2.04				1.3
		65.10-69.24 Lt gy ser-sil alt tuff. Minor py.		80	101.98-103.84	1.86		2.2	530	
					-104.86	1.02		.7	145	

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres FROM TO		SAMPLE LENGTH	ASSAYS		
					Au oz/T	Ag ppm		Au ppb		
56.0-159.98	Tuff	Abund wh qtz, am stringers. 67.90 2 cm fine wh qtz stringers w/dk pp-bl mag-		8481 82	107.50-108.50	1.00			.6	200
					-110.00	1.50				
		netite.		83	-111.43	1.43			.8	330
		69.24-71.0 Local 10 cm mod sil zones.		84	129.70-130.45	0.75			.9	190
56.0-159.98	Tuff	71.0-74.0 Coarse flow? mod sil'n. Abund wh qtz stringers.		85	135.77-136.26	0.49			1.5	920
				86	152.05-152.23	2.18			1.1	50
		74.77-76.48 20% sil'n around gy qtz veins.		87	158.50-159.98	1.48			.5	48
		76.48-78.82 Sil'd bx'd intense SKp? Local py		88	-162.00	2.02			.3	340
		stringers. Tr cp in wh qtz veins. Sharp 80°CA contacts.		89	-163.00	1.00			.1	38
			90	171.00-172.89	1.89			.1	21	
		78.82-81.61 Dk chl'd tuff 80°CA		91	174.15-174.35	0.20			.2	1
		81.61-82.20 Ser'd tuff.		92	-175.00	0.65			.7	24
		82.20-85.02 Diorite, foliated bk mafics 80°CA. Local 90°CA py bands → 1 cm. Minor sil'n bx'n.		93	212.50-214.58	2.08			.3	17
		85.02-91.83 M.gy Mass flow. Minor ep, Abund wh qtz stringers.			<u>SLUDGES</u>					
		91.83-94.83 Lt gy ser sil'd dyke (?) Sharp 80°CA contacts <1% py diss stringer wh qtz stringers			4.26- 7.32	3.05				305
		91.83-94.83 M.gy mass flow. Minor ep, py. Abund wh qtz stringers.			-10.36	3.05				190
						-13.41	3.05			175
		96.0 Open folding in tuff, tectonic? 96.37-98.45 Lt gy sil'd zones in tuff 1% y py.			-16.46	3.05				180
						-19.51	3.05			195
		98.45-100.49 Lt gy intense sil'n, crackle bx'n- dyke, sharp contacts. 1% py. Abund qtz stringers			-22.55	3.05				72
						-25.60	3.05			210
		101.98-103.84 Gy-pk intense sil'n, crackle bx'n - Alt tuff(?) Abund 70°CA y py, qtz stringers			-28.65	3.05				395
						-31.70	3.05			230
		1-2% py, minor cp. 104.50 10 cm of gy-pk sil'n-py.			-34.75	3.05				57
						-37.80	3.05			95
					-40.84	3.05				305

Property: <u>KENA</u>	Location _____	Down Hole Surveys _____	Etch _____	Drilled By: <u>BEAUPRE</u>
Area (Map #): <u>82-F/6W</u>	Grid: <u>45+50N/49+70W</u>	Depth: _____	Az: _____	Dip: _____
Claim #: _____	<u>1500 m El.</u>	<u>111.25</u>	• <u>-80</u>	• From-To: <u>Oct 2, 1986</u>
M.D./County: <u>NELSON</u>	Length: <u>111.25</u> (Units: <u>m</u>)	_____	• _____	• Logged By: <u>R. J. JOHNSTON</u>
Province: <u>B.C.</u>	Azimuth: <u>040</u>	Dip Collar: <u>-80</u>	• _____	• Signed: <u></u>

Remarks: _____

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
0 - 2.44		Casing		8494	3.75-4.15	0.40		1.4	210
2.44-13.0	Andesite Flow	M-d.gy FG, locally MG, 2.44-7.30 2% ep.		95	7.50-8.70	2.20		.5	350
				96	11.00-13.00	2.00		.5	300
		3.75-4.15 Lt gy ser'd flow w/abund milky qtz- carb veins w/1% py. Abund rd hem.		97	-15.00	2.00		.6	240
				98	-17.47	2.47		.6	78
		7.50-8.70 Local crackle bx'n w/bk chl & py. No silicification		99	-19.50	2.03		.5	113
				8500	-20.21	1.21		.6	122
		8.70-10.0 Flow bx'n, rubbly. 11.0-13.0 Minor sil'n w/local ser-tr ep. 2% py		01	-22.50	1.74		.5	130
				02	-24.56	2.06		.3	240
13.0-45.29	Silicified And. Flow	Lt m gy. Mod-intense sil'n, local crackle bx. 1-2% py, diss.		03	-25.29	0.73		.4	350
				04	26.20-27.23	1.03		.4	430
		13.0-19.5 Aug porphyry-remnant aug grains - 3mm Local mod sil'n to 18.50.		05	34.50-35.10	0.60		.2	54
				06	-36.41	1.31		.2	57
		19.60 10% py in irreg low CA qtz veins 19.60-20.71 wk sil'n.		07	-38.50	2.09		.2	64
				08	-40.50	2.00		.4	69
		24.56-25.29 Intense gy sil'n, crackle bx'n. 1% py 25.29-26.20 wk sil'n.		09	-42.50	2.00		.1	58
				10	-44.00	1.50		.3	88

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE*	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
13.0-45.29	Silicified Flow	26.20-27.28 Mod-intense gy sil'n, crackle bx'n.		8511	44.00-45.29	1.29		.3	78	
		27.28-34.50 Ep'd coarse flow 5% ep.		12	50.13-50.52	0.39		.5	310	
		34.50-35.10 Mod sil'n, Abund py veins		13	51.46-52.05	0.59		.3	171	
		35.0-36.41 Intense sil'n, crackle bx'n. Minor 30°		14	60.35-61.47	1.12		.1	46	
		CA shears		15	-61.89	0.42		.3	81	
		36.41-45.29 Mod sil'n, crackle bx'n. 1-2% py.		16	-63.00	1.11		.4	78	
45.29-58.03	Tuff	M-d-gy Minor flow, dark tuff, lithic tuff.	30-40°	17	67.47-69.00	1.53		.6	133	
		Abund qtz-ab-cc stringers throughtout, parallel	Tuff	18	-70.50	1.50		.4	135	
		to fol. 1-2% py.		19	73.55-75.50	1.95		.3	250	
		50.13-50.42 Mod sil'n, bx'n.		20	-76.50	1.00	.038	.7	1450	
		51.46-52.05 " " "		21	-77.70	1.20		.2	85	
		52.57 Local wh qtz py veins - 1 cm parallel fol		22	-78.50	0.80		.4	119	
		52.5 0.5 m of wk sil'n		23	-80.50	2.00		.2	77	
		57.07-28.03 Mod sil'n sections		24	-82.50	2.00		.4	150	
58.03-67.47	Andesite Flow	Lt-m gy 1-2% py. Local 2k-intense sil'n		25	-83.50	1.00		.3	250	
		60.35-61.47 Mod sil;n w/2% diss py. Minor 30°CA		26	-84.50	1.00		.6	500	
		qtz veining		27	-86.59	2.09		.4	220	
		61.47-61.89 Intense sil'n, crackle bx'n 2% py,		28	-87.04	0.45		.4	115	
		qtz, amethystine veins.		29	-88.05	1.01		.2	154	
		61.89-63.0 Mod sil'n		30	94.57-94.82	0.25		.3	64	
		63.0-65.0 Wk sil'n v. comp flow		31	96.46-96.91	0.45		1.4	157	
				32	99.00-101.00	2.00		.2	63	
67.47-88.05	Silicified Flow	Lt m gy flow. Mod intense sil'n, 1-2% py. Abund crackle bx'n.		33	109.50-111.25	1.75		.5	300	
		67.47-71.0 Aug porphyry, wk sil'n, local minor crackle bx'n 1-2% py stringers 50°CA.								
		67.47-69.0 Abund 50°CA qtz veins, fine irreg cc-ab stringers.								

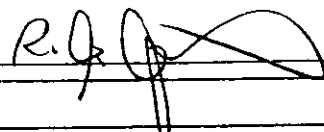
INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
		73.55-75.00 Lt gy mod sil'n zone (flow?) 1-2% py diss & stringer. Wh qtz tension veins.							
					<u>SLUDGES</u>				
		76.0 1 cm band of d.bk hem in 45°CA shear.			2.43 -5.18	2.75			230
		76.5-77.70 Intense sil'n 1-2% py. Abund wh qtz veins.			-8.23	3.05			390
		77.80-78.50 Intense sil'n as above, w/abund rd			-11.28	3.05			440
		hem, d.bk mm veining.			-14.32	3.05			390
		81.0-81.8 crackle bx'n, intense sil'n.			-17.37	3.05			104
					-20.42	3.05			290
		83.50-84.50 Intense sil'n 1% y py.			-23.47	3.05			119
		86.59-87.04 " " " crackle bx.			-26.52	3.05			190
		Gradational			-29.56	3.05			420
					-32.61	3.05			89
88.05-111.25	Andesite Tuff Flow	M. d.gy mass flow. 1% py, abund wh qtz-ab-cc stringers. Local ep. Minor wk-mod sil'd zones.	80°CA Tuff		-35.66	3.05			115
		92.09-93.88 Ep'd feld xtl tuff -30% ep'd 2-3mm ofels aligned 80°CA.							
		91.01 6 cm wh-pk qtz-cc-bk chl vein 45°CA Tr py.							
		94.57-94.82 10 cm wh qtz, ep, bk chl vein.							
		96.46-96.91 Mod-intense sil'n, crackle bx'n 1% py							
		99.0-101.0 Hard v. comp mass flow.							
		101.0-103.50 Abund wh qtz-cc veining 20 or 45°CA							
		106.0-109.0 Ep flow 2% py. Some fabric (Fol?)							
		20°CA.							
		109 -111.25 2-3% py in stringers low CA°.							
		END OF HOLE.							

Property:	<u>KENA</u>	Location		Down Hole Surveys	Etch	Drilled By:	<u>BEAUPRE</u>
Area (Map #):	<u>82-F/6W</u>	Grid:	<u>44+66N/49+20W</u>	Depth: -	Az: °	Dip: °	From-To: <u>Oct 3-5, 1986</u>
Claim #:			<u>1496 m Elev</u>	<u>107.90</u>	°	-49 °	Size(s): <u>NQ</u>
M.D./County:	<u>NELSON</u>	Length:	<u>257.25 (Units: m)</u>	<u>257.25</u>	°	-47 °	Logged By: <u>R. J. JOHNSTON</u>
Province:	<u>B.C.</u>	Azimuth:	<u>040</u>	Dip Collar:	<u>-45</u>	°	Signed: <u>R.J.</u>

Remarks:

INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE:°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm.	Au ppb
0 - 4.27		Casing		8534	4.27-5.42	1.15				111
4.27-10.20	Silicified And. Flow	Lt.-m.gy w/mod intense sil'n. Minor py. Abund irreg wh qtz tension? veins		35	-7.50	2.08				155
				36	-9.00	1.50				83
		4.27-5.42 mod sil'n, w/intense sil'n for 5 cm around wh qtz vein.		37	-10.20	1.20				140
				38	13.41-15.50	1.09				750
		5.70 Rusty fractures 5.42-10.20 Intense sil'n, minr pk tinge		39	17.32-17.36	0.04	.325			9890
				40	-18.16	0.80				72
10.20-13.41	Dark Tuff	Sharp 80°CA contact, qtz veining cont into tuff Minor sil'd sections	80°CA Tuff	41	20.40-20.60	0.20				260
				42	23.86-24.58	0.74				129
13.41-18.16	Silicified And. Flow	As above. Loca dk tuff beds. Minor crackle bx'n 17.36 1 cm of qtz w/mass cp in 80°CA shear. VG.		43	34.05-35.77	0.72				135
				44	38.94-39.08	0.14				82
		Slickensides. 17.90-18.10 Intense crackle bx'n		45	40.24-40.49	0.25				51
				46	41.00-41.50	0.50				108
18.16-64.27	Dark Tuff	As above. Abund low CA° cc veining 20.40-20.60 sil'd CG qtz dior 90°CA contacts		47	83.44-83.56	0.12	.720			23100
				48	91.58-93.56	1.98				52
		V. fol 90°CA 0.5% FG diss py.		49	98.68-100.00	1.32				98
				50	-101.63	1.63				8

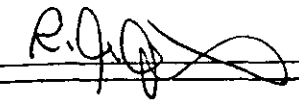
INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE*	SAMPLE #	INTERVAL (metres) FROM TO		SAMPLE LENGTH	ASSAYS		
					Au oz/T	Ag ppm		Au ppb		
18.16-64.27	Dark Tuff	23.86-24.58 Sil'd bx'd dyke(?) Abund milky qtz-carb veining.		8551 52	108.00-108.50	0.50				36
					113.87-115.49	1.62				
		24.0-30.0 3-7 cm clasts of dark MG granodiorite, finer than local dykes. 0.5% FG py, ser'd.		53 54	-117.60	2.11			.8	49
					119.56-120.45	0.91				
		32.30-35.77 CG fol unalt qtz dior dyke. Minor sil'n in 0.5 m of HW		55 56	121.19-121.62	0.43			.7	12
					153.86-154.35	0.49				
		37.82-38.94 Qtz dior dyke		57 58	165.80-167.08	1.28			.3	6
					196.08-196.51	0.43				
		38.94-39.08 1 cm wh 45°CA qtz vein w/minor py. 40.24-40.49 60°CA bx zone-shear, pk-pp jasper		59 60	213.26-213.35	0.09			.5	10
					230.51-230.61	0.10				
		w/clasts of sil'd int in narrow zones. Hem stringers, py stringers.		61 62	236.16-236.57	0.41			.5	4
					240.00-242.00	2.00				
		41.00-41.50 Minor sil'n. 43.89-45.00 Irreg wh cc-am vein 1-2cm runs sub-		63	250.00-252.00	2.00				15
					SLUDGES					
		parallel to core, minor sil'n around hem. 46.57 1 cm of thin 90°CA py stringers.			4.26- 7.31	3.05				220
					-10.36	3.05				
		54.0-55.50 Wk sil'n in lt gy siliceous bands w/I tuff.			-13.41	3.05				185
					-16.46	3.05				
		61.0-62.18 Gy-gn MG mass flow, interbeds - Abund wh qtz, cc stringers.			-19.51	3.05				1560
					-22.55	3.05				
64.27-81.00	Feld Crystal Tuff	Gy gn FG.MG groundmass w/1-2mm wh feld xtls. Abund dark tuff, in thin minor ep. Minor ep.	90°CA Tuff		-25.60	3.05				105
					-28.65	3.05				
		Minor ser'd tuff.			-31.70	3.05				51
					-34.75	3.05				
81.00-102.00	Sericitic Tuff	Lt gy ser'd tuff. Good fabric. Local lithic clasts 1% Fg py in beds(?) parallel to fol. Local dark tuff.	80-90° CA Tuff		-37.79	3.05				330
					-40.84	3.05				
		83.44-83.56 60% brassy py.			-43.89	3.05				410
					-46.94	3.05				

Property:	KENA	Location	Down Hole Surveys	Etch	Drilled By:	BEAUPRE
Area (Map #):	82-F/6W	Grid: 44+68N/49+55W	Depth: -	Az. *	Dip: *	From-To: Oct 5,6, 1986
Claim #:		1488 m El.	92.35	*	-71	Size(s): NQ
M.D./County:	NELSON	Length: 92.35 (Units: m)		*		Logged By: R. J. JOHNSTON
Province:	B.C.	Azimuth: 040	Dip Collar: -70	*		Signed: 

Remarks:

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE*	SAMPLE #	INTERVAL metres FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
0-4.27		Casing		8564	4.27 -5.37	1.10			176
				65	8.00 -8.50	0.50			53
4.27-45.02	Andesite Flow	M gy, mass 1-2% py, diss & stringer. Abund qtz stringers 1% py. Local sil'n.		66	10.93-11.14	0.21			116
				67	13.00-14.00	1.00			44
		4.27-5.37 Lt gy, mod sil'n, abund qtz stringers 1% py.		68	-15.87	1.87			400
				69	-16.00	0.13			715
		6.3 40% brassy py w/bk chl in qtz vein 80°CA 8.20-8.30 Minor wk sil'n		70	25.00-27.00	2.00			35
				71	29.73-31.22	1.49			230
		11.00 5 cm of 40% y py in sil'd zone w/cross-cutting wh qtz veins.		72	35.90-37.30	1.40			200
				73	38.48-38.80	0.32			290
		13.25 15 cm of sil'd crackle bx. 15.87-16.00 45°CA gy qtz vein w/ 2 cm parallel		74	45.02-46.45	1.43			88
				75	52.53-54.00	1.47		.3	47
		vein of magnetite & FG y py, tr cp. 16.30-21.39 D. gy, ep alt felds diss patches.		76	-54.50	0.50		.5	50
				77	-55.30	0.80		.6	65
		stringers. Minor py. Abund wh qtz veins 45°CA locally w/ep, bk chl.		78	-55.32	0.02		1.0	41
				79	-56.61	1.29		1.9	138
		20.62 vuggy qtz vein w/good xtls, minor hem, 2-3% diss in wallrock.		80	58.23-60.44	2.21		.3	122
				81	81.00-82.00	1.00		.4	58

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM TO		SAMPLE LENGTH	ASSAYS		
					Au oz/T	Ag ppm		Au ppb		
4.27-45.02	Andesite Flow	22.47-23.50 weak sil'n around cc xtls in vug. 25.80-26.60 weak sil'n.			<u>SLUDGES</u>					
		27.20-29.50 weak sil'n, 3-5% brassy py. 29.73-31.22 Local lt gy-pk mod-intense sil'n w/			0 - 8.23	8.23				310
		abund fine wh qtz stringers, 1-2% py. 31.50-32.50 ep'd flow.			-11.28	3.05				84
					-14.32	3.05				48
					-17.37	3.05				710
		33.0-35.0 dark tuff 70°CA. 35.90-37.30 Mod sil'n around abund gy qtz-ep veins			-20.42	3.05				96
					-23.47	3.05				54
		0°CA 5-10% brassy py, local cp 38.10 15 cm of above			-26.52	3.05				47
					-32.61	3.05				260
		38.48-45.02 D. gy-bk and (bas?) Flow w/ep string- ers. 1-2% py, py, diss & stringer- Abund qtz, cc			-35.66	3.05				290
		ab, hem stringers. Lt gy-gn alt in last 10 cm. 38.48-38.80 10-15% py.			-38.71	3.05				245
					-41.76	3.05				155
					-44.80	3.05				220
45.02-46.45	Sil'd Bx'd Intrusive	Poss dior. V. alt, abund qtz veins, minor py. Local stringers. 1 cm rd hem bx zone on HW @ 45°CA			-47.85	3.05				240
					-50.90	3.05				320
46.45-86.0	Tuff	Dark tuff, abund wh cc stringers parallel fol. 1% brassy py, local qtz stringers. Locally sheared	70°CA Tuff		-53.95	3.05				270
		chl'd. ser'd. 52.53-56.61 aplite dyke. VFG sil'd ser'd lt-gy gn			-57.00	3.05				290
					-60.04	3.05				160
					-63.48	3.05				205
		w/ diss fg py masses. Local 60°CA fol of py. sharp 70, 80°CA contact on HW, FW.			-66.14	3.05				190
					-69.19	3.05				290
		54.0-54.50 vuggy. 55.5 5 cm wh FG qtz vein w/minor cp, spec hem, py			-72.24	3.05				250
		@45°CA. 58.23-60.44 Lt gy q5z pods, stringers parallel			-75.28	3.05				190
					-78.33	3.05				260
					-81.38	3.05				155
		tuff 1-2% stringer py. 60.10 2 cm qtz-cc vein 30°CA.			-84.43*	3.05				121
					-84.43*	3.05				83

Property:	KENA	Location		Down Hole Surveys	Etch	Drilled By:	BEAUPRE
Area (Map #):	82-F/6W	Grid:	42+78N/49+81W	Depth:	Az:	Dip:	From-To: Oct 6/86
Claim #:			1470 m El.	83.51		-47	Size(s): NQ
M.D./County:	NELSON	Length:	83.51 (Units: m)				Logged By: R. J. JOHNSTON
Province:	B.C.	Azimuth:	040	Dip Collar:	-45		Signed: 

Remarks:

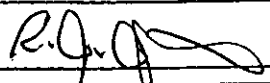
INTERVAL FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
0-4.88		Casing		8704	4.88 -6.66	1.78			250
4.88-18.67	Sheared Chl'd Tuff	Bk FG, chl'd, 2-3% brassy diss, stringer py. Abund wh cc, qtz, ab veining.	80°CA Tuff	05 06	7.40 -7.70 13.00-13.30	0.30 0.30			72 33
		4.88-6.66 mod lt gy-pk sil'n in flow/tuff. Minor y py, locally → 2%.		07 08	13.41-14.00 18.67-19.51	0.59 0.84			22 18
		7.50 10 cm of above 13.0-13.33 Wk sil'n adj to wh cc-pk qtz vein -		09 10	20.00-21.50 22.50-24.50	1.50 2.00			24 23
		minor py. 13.50-16.0 Lt gy wkly ser'd tuff.		11 12	27.50-28.50 31.70-32.00	1.00 0.30			49 40
		13.60 20 cm of wk sil'n 15.30 3 cm wh FG qtz vein 45°CA.		13	39.00-41.00	2.00			78
18.67-39.0	Andesite Flow	M.gy 1% py. Abund wh cc, stringers. Local minor sil'n.			SLUDGES				
		18.67-19.51 Mod sil'n, minor crackle bx'n 20.0-21.50 wk " " "			4.88-7.31 -10.36	2.43 3.05			121 65
		21.8-25.50 Lt gy flow, w/abund wh cc veins, vuggy 28.0 30 cm of wk sil'n			-13.41 -16.46	3.05 3.05			59 37

Property:	KENA	Location		Down Hole Surveys	Etch	Drilled By:	BEAUPRE
Area (Map #):	82-F/6W	Grid:	50+54N/49+23W	Depth: -	Az: °	Dip: °	From-To: Oct 7, 1986
Claim #:		1485 m El.		92.66	°	-49	° Size(s): NQ
M.D./County:	NELSON	Length:	92.66 (Units: m)		°		° Logged By: R. J. JOHNSTON
Province:	B.C.	Azimuth:	040	Dip Collar:	-45	°	° Signed: <i>R. Johnston</i>

Remarks:

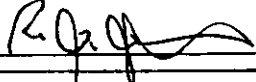
INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
0-2.43		Casing		8715	3.50	-5.00	1.50		.3	41
				16	10.06	-11.50	1.44		.6	210
1.75-10.06	Tuffaceous Andesite	M.gy. Minor py. Abund irreg cc veins, stringers Local minor sil'n	70-80° CA	17	12.85	-14.00	1.15		.6	260
				18			0.70		.7	305
		6.70-7.50 MG ep'd and flow 3.5-5.0 Local wk-mod sil'n		19		-16.00	1.30		.5	240
				20		-18.00	2.00		.9	230
10.06-21.0	Diorite	MG, m.gy 1% diss py. Wk-mod sil'n crackle bx'n throughout most of section. Or-rd ox fractures		21		-20.00	2.00		.6	250
				22	21.50	-22.50	1.00		1.3	340
		- 20 m. Local lithic tuff interbeds.		23	24.86	-25.23	0.37		.8	330
		10.06-11.50 Local sil'n adj to milky qtz carb		24	25.47	-26.50	1.03		1.5	310
		veins, Minor py.		25		-28.50	2.00		1.0	270
		12.85-14.00 Mod intense lt gy sil'n w/		26		-30.00	1.50	.031	3.7	1110
		1-2% stringer, diss y py. Abund or Fe ox fracture		27		-31.70	1.70		.6	160
		14.70-17.55 Mod-intense sil'n crackle bx'n, 1-2%		28		-32.50	0.80		.7	132
		py.		29		-34.50	2.00		1.5	340
		17.70 1 cm 45° CA bl-gy qtz vein		30	36.70	-36.77	0.07		.9	141
		18.0-20.0 Crackle bx'n, minor wk sil'n		31		-38.00	1.23		.5	84
				32	40.00	-42.76	2.76		1.8	620

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE*	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
21.0-25.47	Lithic Tuff	M. gy, finer clasts. Abund sil'd dior sills @70° CA. Some contacts sheared, ser'd		8733 34	46.00-47.00	1.00	.085	.9	340	
					49.50-50.50	1.00		1.6	3130	
		pyritized. 21.8-22.77 Dior sill		35 36	55.20-55.30	0.10		.8	147	
					60.04-61.10	1.06		.3	178	
		24.86-25.23 Sil'd dior 2% py.		37 38	61.31-61.61	0.30		5.2	710	
					67.00-68.21	1.21		.2	91	
25.47-68.21	Diorite	Local wk intense sil'n, 1% diss py. 28.50-31.70 Intense lt gy sil'n locally no orig		39	78.00-79.50	1.50		.5	33	
		texture. Abund VEG wh qtz stringers 1-2% stringer y py. Local irreg low CA. pk-qtz wh cc veins								
		→ 1 cm w/py, cp, sp.								
		31.70-32.50 Mod sil'd dior w/ 2 low CA veins as							121	
		above w/ py-cp-sp.							95	
		36.70-36.77 FG wh qtz vein 5 cm 45°CA w/ or rusty.								
		local py cubes.								
		36.77-38.00 Local minor sil'n								
		40.0-42.00 " " "								
		46.0-47.0 Minor m gy sil'n around fine wh qtz.								
		cc veins.								
		49.50-50.50 Wk-mod sil'n. Py stringers.								
		55.20-55.30 2 cm pk qtz, wh cc-bk chl vein 45°CA Minor py.								
		58.76-60.04 Tuff, locally ser'd w/1% stringer py 80°CA.								
		60.04-61.10 Intensely sil'd dior, crackle bx. Abund fine wh qtz stringers. <1 py Local FG d. gy stringers. Local py veins.								
		61.31 2 cm bands of Fg cp in fol dior adj to								

Property:	<u>KENA</u>	Location		Down Hole Surveys	Etch	Drilled By:	<u>BEAUPRE</u>
Area (Map #):	<u>82-F/6W</u>	Grid:	<u>46+77N/49+27W</u>	Depth:	Az: <u> </u> • Dip: <u> </u> •	From-To:	<u>Oct 10, 11, 1986</u>
Claim #:		<u>1510 m El.</u>		<u>117.65</u>	• <u>-64</u> •	Size(s):	<u>NQ</u>
M.D./County:	<u>NELSON</u>	Length:	<u>117.65</u> (Units: <u>m</u>)		•	Logged By:	<u>R. J. JOHNSTON</u>
Province:	<u>B.C.</u>	Azimuth:	<u>040</u> • Dip Collar: <u>-60</u> •		•	Signed:	

Remarks:


INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
0-3.05		Casing		8672	3.00	-5.00	2.00		.8	420
				73		-7.00	2.00		1.3	350
3.00-12.14	Silicified Brecciated	Lt-m gy mod-intense sil'n, 2-3% y py, brecciated. Local bl, pk tinge. Abund bl-gy qtz-py stringers		74		-9.00	2.00			515
				75		-11.00	2.00			155
	And. Flow	Bx'd w/py & local bk chl matrix. Local 1 cm py veins, @low CA		76		-12.14	1.14			139
				77		-14.00	2.00			87
		3.00-5.0 Fe ox on fractures.		78		-16.40	2.40			82
				79		-18.00	1.60			165
12.14-14.00	MG And. Flow	Lt gy, wk sil'n 1-2% py.		80		-19.50	1.50			220
				81		-21.50	2.00			980
14.00-26.00	Silicified And. Flow	Mod intense sil'n w/abund milky qtz-carb veins 1% py. Local rd hem stringers, bx zones -minor jasper		82		-23.50	2.00			180
				83		-25.00	1.50			165
		16.40-19.50 Lithic tuff wk sil'n		84		-26.00	1.00			141
		19.50-26.0 Int sil'd, 2-3% brassy, y stringer py		85		26.48-26.68	0.20			121
		24 25 Fine rd-pp hem stringers		86		32.00-32.50	0.50			95
				87		33.11-35.00	1.89			2910
26.0-33.11	MG And. Flow	Sim to above. Local rd-pp hem stringers		88		-37.00	2.00			390
		26.50 6 cm wide wh fg qtz vein w/diss py-sim to		89		-39.00	2.00			119

Property:	<u>KENA</u>	Location	<u>Down Hole Surveys</u>	<u>Etch</u>	<u>Drilled By:</u>	<u>BEAUPRE</u>
Area (Map #):	<u>82-F/6W</u>	Grid:	<u>47+25N/49+27W</u>	Depth: <u> </u> Az: <u> </u> Dip: <u> </u> From-To: <u>Oct 9, 1986</u>		
Claim #:	<u> </u>	<u>1510 m Elev.</u>	<u>129.54</u>	<u>• -57</u>	<u>• Size(s): NQ</u>	
M.D./County:	<u>NELSON</u>	Length:	<u>129.54 (Units: m)</u>	<u> </u>	<u>• Logged By: R. J. JOHNSTON</u>	
Province:	<u>B.C.</u>	Azimuth:	<u>040</u>	<u>• Dip Collar: -50</u>	<u>• Signed: </u>	

Remarks:

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
0 - 2.44		Casing		85&83	1.75 -3.50	1.75				210
				84	11.84-12.42	0.58				510
1.75-8.96	Silver King Porphyry	Lt gy, sheared, ser'd. Minor diss py. Or rusty fractures → 5m. 3.2 m minor wk sil'n.		85	-14.50	2.08				210
				86	-16.50	2.00				260
8.96-27.18	Silicified, Bx'd Andesite	Lt.m.gy, locally MG 2-3% py diss & stringer. Mod sil'n & crackle bx'n through most of section		87	-18.50	2.00				205
				88	-20.00	1.50	.030			1020
	Flow	11.84-12.42 mod intense sil'n, local 60°CA brassy py-qtz veins		89	-21.50	1.50				215
				90	-23.00	1.50				144
		20.0-23.0 Mod intense sil'n local crackle bx'n w/5% y py.		91	-25.00	2.00				169
				92	-27.18	2.18				190
27.18-40.0	Lithic Tuff	Lt gy FG gn with fine bk chl'd lithic clasts. 1% diss py.	70°CA Tuff	93	29.00-30.00	1.00				250
				94	38.60-39.60	1.00		.3		310
		29.75 10 cm of wk sil'n.		95	40.50-41.30	0.80		.9		330
		34.0-39.0 Local 2-3 cm clasts		96	-43.00	1.70		.3		166
		38.60-39.60 Stockwork? of fine milky qtz veins, dom 40°CA. Tr py.		97	-45.00	2.00		.4		50
				98	-47.00	2.00		.3		70
40.00-43.00	Flow/Tuff	Lt gy, Local crackle bx'n 2-3% py, locally → 10% 40.5-41.30 Local 3 cm wh qtz-cc veins w/20% py		99	-49.00	2.00		1.1		179
				8600	-51.00	2.00		.4		51

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
40.0-43.0	Flow/Tuff	@ 30°CA.		8651	51.00-53.00	2.00		.4	270
					-55.00	2.00		2.4	460
43.0-75.0	Silicified Bx'd Zone	Lt gy, tuff, flow. Crackle bx'n & mod-intense sil'n throughout. 2-3% py, locally → 10%.		53	-57.00	2.00		.6	124
					-59.00	2.00		1.1	180
		Local py mass veins 70°CA. 43.0-50.0 Lt bn fg biot(?) carb(?) alt throughout.		55	-61.00	2.00		.8	590
					-62.70	1.70		.7	134
		ass w/py. 53.0-56.0 Intense sil'n; 1-5% py.		57	-64.50	1.80		.1	46
					-66.00	1.50			90
		62.70-67.3 Lt bl-gy intense sil'n, crackle bx'n 2-3% py.		59	-67.30	1.30			240
					-68.40	1.10			170
		67.3-68.4 10-15% y py in mod sil'd crackle bx. 70.5-71.45 Tuff		61	-70.50	2.10			210
					71.45-73.00	1.55			137
		74.30-74.60 20% y py in 60°CA veins w/ wh cc, mod sil'n.		63	-74.00	1.00			136
					-75.00	1.00	.036		1250
75.0-101.70	Lithic Tuff	M.gy w/local stretched bk, chl'd lithic clasts Some int clasts. Minor ep.	60-70° CA Tuff	65	-76.00	1.00			950
					66	83.80-84.80	1.00		180
		82.50-85.85 MG Flow 83.80-84.30 Intense bl-gy sil'n w/15% y py		67	89.81-91.93	1.12			170
					68	95.01-96.70	1.69		970
		89.81-91.93 VFG lt gy-pk aplite dyke. Diss py. Sharp contacts 80°CA		69	121.54-121.36	0.34			110
					70	125.50-126.20	0.70		670
		95.01-96.70 Mod-intensely sil'd flow. 2-3% y py, local cackle bx. tr cp. Local 85°CA bl-gy qtz veins - 2 cm.		71	-128.00	1.80			640
					<u>SLUDGES</u>				
		97.0-101.70 Dark tuff, abund wh cc veining. Minor ep.			2.44 -3.66	1.22			1990
					27.74-32.00	4.26			300
101.70-115.28	Epidotized FG Flow	Fg gy-gn, mass w/ abund fine ep stringers, Minor diss py. Local lt gy mg flow. Minor qtz veining			-35.05	3.05			1280
					-38.10	3.05			480

Property:	KENA	Location:	Down Hole Surveys	Etch	Drilled By:	BEAUPRE
Area (Map #):	82-F/6W	Grid: 46+57N/49+28W	Depth:	Az:	Dip:	From-To: Oct 11, 12, 1986
Claim #:		1515 Elev.	138.99	•	-63	Size(s): NQ
M.D./County:	NELSON	Length: 138.99 (Units: m)		•		Logged By: R. J. JOHNSTON
Province:	B.C.	Azimuth: 040	Dip Collar: -60	•		Signed: 

Remarks:

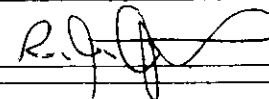
INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
0-2.74		Casing		8740	20.00-21.83	1.83			103
				41	-23.50	1.67			75
2.74-21.83	Silver King Porphyry	Ser'd locally sheared. Minor diss py. Local minor diss magnetite. Local qtz veining		42	-25.50	2.00			72
				43	-27.50	2.00			99
		2.74-5.00 Rusty broken core Sharp 45°CA contact		44	-29.30	1.80	.041		1050
				45	-30.30	1.00			180
21.83-25.50	Diorite	MG, Lt-m gy. Sil'd bx'd throughout most. 1-2% diss py. Local 45°CA py stringers, qtz veins		46	-32.60	2.30			146
				47	-34.00	1.40			115
		29.30-30.30 sections of 3-4 cm mass py veins		48	-36.00	2.00			24
		31.0-40.58 Lt gy sil'd lithic tuff - minor py.		49	-36.59	0.59			50
		31.46 D.gy fg veins w/py 45°CA		50	-36.79	0.20	.041	3.3	490
		36.65 30°CA wh qtz vein 0.5 cm w/abund cp-py-sp-		51	-38.50	1.71			126
		hem.		52	-40.58	2.08			160
		40.58-43.16 Gy-bn mod-int-sil'd bx. Abund d.gn bk		53	-43.16	2.58			134
		chl stringers minor py. Some of section may be SKP		54	50.60-50.90	0.30			67
				55	52.50-53.75	1.25			200
43.16-60.00	Andesite Flow	Lt-m gy. Local sil'n. Abund milky qtz-carb veins at various CA's.		56	56.00-58.00	2.00			158
				57	-60.00	2.00			240

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
43.16-60.00	Andesite Flow	47.80-49.0 Dark tuff 60°CA		8758	63.70-64.62	0.92			330	
		50.60-50.90 Bl-gy sil'n in 45°CA vein 2-5 cm		59	69.95-70.23	0.28		.7	102	
		52.50-53.75 Lt gy wk ser-sil alt. Abund py veins		60	73.45-73.80	0.35	.030		1020	
		30-50° CA		61	75.80-76.40	0.60	.390		14230	
		56.0-60.0 Mod-intense sil n. Local crackle bx.		62	80.50-81.50	1.00	.132		5100	
		minor py.		63	-82.15	0.65			133	
60.00-82.15	MG Andesite Flow	MG m.gy Local stretched clasts. 1% diss py. Local	70°CA	64	-85.70	3.55		.6	370	
		dk tuff. Local gy-pk sil'n adj to milky qtz veins	Tuff	65	-86.60	0.90	.046	.5	1690	
		63.70-64.62 gy-pk sil'n incl single pp qtz vein		66	-87.90	1.30		.7	330	
		w/diss cp.		67	94.00-95.52	1.52	.049	.5	1680	
		70.0- 1 cm qtz-cc vein w/minor py +bo(?) 20°CA		68	-96.20	0.68		.8	270	
		73.45-73.80 1 cm py vein + minor cp 20°CA		69	-98.35	2.15		.9	129	
		75.80-76.40 Intense bl-gy sil'n crackle bx, 2-3%		70	-99.40	1.05		1.1	420	
		y py.		71	-100.50	2.10		.7	230	
		77.50-80.0 Local crackle bx, wk sil'n		72	-102.66	2.16		.7	450	
		80.50-81.50 Local minor sil;n w/ 1-2 cm 80°CA bl-		73	104.25-105.13	0.88		.5	122	
		qtz veins w/mass py.		74	106.40-107.33	0.93	.048	2.7	1850	
				75	115.00-115.50	0.50			350	
82.15-87.90	Silicified Flow	Wk-intense sil'd crackle bx'd. zones.		76	122.35-124.26	1.91			80	
		40-60°CA w/up to 5-10% y py.		77	136.25-136.75	0.49			460	
		84.12-85.70 Intense bl gy sil;n, mass py sections			SLUDGES					
		86.60-87.90 " " " "								
87.90-95.52	Andesite Flow	FG, MG as above, Stretched bk chl'd lithic clasts			0 -7.92	7.92			190	
		Abund wh qtz, cc veining 1-2% diss stringer py.			-10.97	3.05			250	
		Local minor crackle bx'n w/ wk sil'n, bk chl			-14.02	3.05			920	
		matrix.			-17.07	3.05			220	
95.52-102.66	Silicified Flow	Wk sil'n, minor crackle bx throughout. Discrete			-20.12	3.05			260	
		int bl-gy sil;n-bx'd veins 40-60°CA			-23.16	3.05			103	

Property: <u>KENA</u>	Location: _____	Down Hole Surveys	Etch	Drilled By: <u>BEAUPRE</u>
Area (Map #): <u>82-F/6W</u>	Grid: <u>46+75N/49+52W</u>	Depth: _____	Az: _____	Dip: _____
Claim #: _____	1520 m Elev.	145.08	• -64	• From-To: <u>Oct 12, 13, 1986</u>
M.D./County: <u>NELSON</u>	Length: <u>145.08</u> (Units: <u>M</u>)	_____	•	• Size(s): <u>NQ</u>
Province: <u>B.C.</u>	Azimuth: <u>040</u> • Dip Collar: <u>-60</u> •	_____	•	• Logged By: <u>R. J. JOHNSTON</u>
Remarks: _____		Signed: <u>R. J. Johnston</u>		

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
0 - 1.83		Casing		8789	3.90-	4.03	0.13			230
				90	10.00-	11.64	1.64			750
1.83-11.64	Coarse Andesite Flow	D gy MG, may poss be fol dior 1-2% brassy diss py. Minor ep. Local milky qtz-carb veins.		91	-13.00		1.36			320
				92	19.00-	19.18	0.18			51
		3.90-4.03 Mod sil'n, crackle bx'n.		93	30.50-	32.68	2.18			270
				94	35.00-	36.00	1.00			108
11.64-32.68	Silver King Porphyry	Sheared, ser'd. Diss py → 1% Local vuggy rusty fractures, qtz veins.		95	36.65-	38.00	1.35			113
				96	-39.52		1.52			230
		19.10 2 cm wide vein 45° CA of soft FG gn chl w/ irredascent mn straining on fractures.		97	-41.00		1.48			80
				98	53.00-	55.12	2.12			350
		24.0 1 cm rusty FG wh qtz vein 30° CA 30.50 50 cm of tuff		99	-56.50		1.38			370
				8800	59.00-	60.00	1.00			550
		Ser sil alt contact.		01	-61.35		1.35			330
				02	-61.75		0.40	.123		4510
32.68-39.52	Tuff	Dark tuff, fine lithic tuff. Local gentle fold- ing. Abund wh cc veining	45-70° CA Tuff	03	-63.50		1.75			630
				04	-65.45		1.95			310
		35.0-36.0 Mod sil'n 36.65-39.52 Wk-mod sil'd flow. Local qtz carb		05	66.75-	69.29	2.54			115
					-71.00		1.71			71

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
32.68-39.52	Tuff	veining.		8806 07	69.29-71.00 -72.00	1.71 1.00			71 440	
39.52-55.12	Silver King Porphyry	Diss py ▶ 1% locally. Local wh, gy qtz veins		08 09	72.30-72.65 75.00-75.60	0.35 0.60	.037		1340 450	
55.12-60.0	Tuff/Flow	D.gy FGMG fol flow & drk chl'd sheared tuff. 1-2% diss stringer py.	80°CA Tuff	10 11	77.77-79.00 -81.00	1.23 2.00			81 71	
60.0-65.45	Silicified Crackle Breccia	Lt gy-mod-intense sil'n w/1-3% y py. Local cp 61.35-61.75 40% y py, minor cp		12 13	-83.00 -85.00	2.00 2.00			190 63	
		63.50-65.45 sil'd, bx'd diorite.		14 15	90.00-91.00 95.00-96.00	1.00 1.00			380 177	
65.45-71.00	Flow/Tuff	Lt.m.gy. Local minor sil'n, crackle bx'n 66.75-69.29 Diorite - minor sil'n, crackle bx'n		16 17	99.50-100.39 -102.00	1.89 1.61			47 116	
71.00-77.77	Lithic Tuff	Lt gy, fine lithic clasts. Minor py. Local wk- mod sil'n	80°CA Tuff	18 19	104.30-106.60 108.50-110.20	2.30 1.70			158 890	
		71.0-72.0 Mod sil'n adj to milky qtz-carb veins 72.30-72.65 Mod bl-gy sil'n, crackle bx'n 1-2% py		20 21	112.00-114.00 127.90-128.20	2.00 0.30			420 850	
		75.0-75.50 " " " " "		22 23	129.84-130.10 138.00-138.79	0.26 0.79			210 330	
77.77-85.0	Silicified Lithic Tuff	Lt gy-mod sil'n & local crackle bx'n., locally intense. 1% py.		24	-141.20	2.41			410	
85.0-101.0	Lithic Tuff	As above, w/coarser clasts. Abund irreg wh cc, qtz stringers.	70-80° CA Tuff		SLUDGES					
		90.50 30 cm of mod sil'n w/milky qtz-carb clasts 95.50 60 cm of wk sil'n.			4.88- 7.92 -10.97	3.05 3.05			710 2330	
		97.47-100.39 Diorite; sil'n, bx'n near lower contact.			-14.02 -17.07	3.05 3.05			850 870	
		100.39-101.0 Sil'n at dior contact, also milky qtz-carb veining.			-20.12 -23.16	3.05 3.05			450 270	

Property:	KENA	Location	Down Hole Surveys	Etch	Drilled By:	BEAUPRE
Area (Map #):	82-F/6W	Grid: 47+23N/49+55W	Depth:	Az:	Dip:	From-To: Oct 14, 1986
Claim #:		1522 m Elev.	163.37		-60	Size(s): NQ
M.D./County:	NELSON	Length: 163.37 (Units: m)				Logged By: R. J. JOHNSTON
Province:	B.C.	Azimuth: 040	Dip Collar: -60			Signed: 

Remarks:

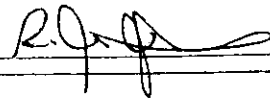
INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres FROM TO	SAMPLE LENGTH	ASSAYS		
							Au oz/T	Ag ppm	Au ppb
0 - 3.05		Casing		8825	3.05-4.88	1.83		.9	440
3.05-4.88	Dark Tuff	D. gy bk. Broken core		26 27	-7.00 -9.06	2.12 2.06		.4 .4	122 42
4.88-9.06	Silver King Porphyry	Abund rd-or weath around fractures		28 29	-10.80 -13.00	1.74 2.20		.6 .4	340 161
9.06-13.00	Andesite Flow	Lt-m-gy l-2% diss, stringer py. Local sil'n, abund wh qtz-carb veining		30 31	-15.00 -17.00	2.00 2.00		.5 .2	210 74
		9.06-10.80 Mod, wk sil'n w/abund milky qtz-carb veining. Local 70°CA veins of y py → 1 cm		32 33	-19.00 -21.00	2.00 2.00		.2 .4	43 91
		11.60 1 cm vein of mass py py 80°CA		34 35	-22.62 -24.00	1.62 1.38		.1 .4	77 120
13.0-22.62	Silicified And. Flow	As above w/wk, locally mod sil'd crackle bx throughout most of section. Minor py. Minor ep		36 37	-26.00 -27.03	2.00 1.03		.4 1.3	200 590
		to bottom		38 39	-29.00 -31.00	1.97 2.00		.4 .3	420 340
22.62-27.03	Epidotized Dark Tuff	D-gy-bk, w/irreg fabric. Abund ep, wh cc veins & stringers	60°CA Tuff	40 41	-32.98 -33.29	1.98 0.31		.2 .5	107 5

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
27.03-42.80	Silver King Porphyry	Lt gy, ser'd. Minor py. Sharp 70°CA contacts		8842	33.29-35.00	1.71		.4	560	
		32.98-33.39 FG lamprophyre dyke		43	38.00-40.00	2.00		.5	480	
		38.30 Local py stringers		44	40.50-42.80	2.30		.3	260	
				45	-44.00	1.20		.7	280	
42.80-66.0	Andesite Flow	M.gy irreg 1-2% py. Locally tuffaceous. Minor		46	-46.00	2.00		.7	190	
		wk sil'n		47	-48.00	2.00		.6	260	
		50.0-52.00 Local mod sil'n-minor y py		48	-50.00	2.00		.5	186	
		54-59 Wk sil'n abund fine wh qtz stringers		49	-52.00	2.00		.7	300	
		54.4 5 cm CG wh-gy qtz vein w/Fg ep.		50	-54.00	2.00		.5	310	
		60-62 local 90°CA py stringers - Minor sil'n		51	-56.00	2.00		.2	109	
66.0-83.95	Lithic Tuff	Lt gy w/fine bk chl'd stretched clasts → 1% py.	70°CA	52	-58.00	2.00		.4	133	
		Local qtz veining. Local minor sil'd 10-20cm py-	Tuff	53	-60.00	2.00		.4	120	
		lithic crackle bx zones 10-20 cm wide		54	-62.00	2.00		.5	270	
		70.80-73.00 Local sil'd zones		55	-64.00	2.00		.4	107	
		77.50 Minor lt gy sil'n adj to milky qtz-carb		56	-65.50	1.50		.2	176	
		veining		57	-68.00	2.50		.2	128	
		79.50 Intrusive pebbles.		58	-70.00	2.00		.2	240	
				59	-72.00	2.00		.3	148	
83.95-88.05	Coarse And. Flow	MG, m.gy Gen well fol. Local stretched bk chl'd	Fol	60	-74.00	2.00		.8	200	
		lithic clasts. 1-2% diss py. Local lithic tuff	70-80°CA	61	-76.00	2.00		.5	182	
		87.30-88.05 Dark tuff 60°CA		62	-78.00	2.00		.7	220	
				63	-80.00	2.00		.3	340	
88.05-93.0	Silicified Crackle Bx.	Wk-int lt bl-gy sil'n w/crackle bx. 2-3% py		64	-82.00	2.00		.2	190	
		91.10-91.48 Int sil'n w/10-20% py & minor cp.		65	-83.95	1.95		.4	265	
		same as LK-86-39 61.35-61.75		66	-85.00	1.05		.8	155	
				67	-87.30	2.30		.7	210	
93.0-104.0	Silicified Coarse And Flow	And flow, as above, w/ irreg bl-gy qtz pods,		68	-88.05	0.75		.5	590	
		veins & bx. 2-3% py. Local lt gy FG qtz veins		69	-90.00	1.95		.9	340	

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
93.0-104.0	Silicified Coarse And Flow	80-90°CA		8870	90.00-91.10	1.10		1.3	650	
		102.90 10 cm of 5 mm FG py masses w/qtz veins		71	-91.48	0.38	.113	6.8	3650	
104.0-138.28	Tuff	Feld xtl tuff, local dk tuff. 1% py Local 2-3 cm	60-80°	72	-93.00	1.52		.7	190	
		qtz-py veins 90°	CA Tuff	73	-95.00	2.00		.7	230	
		105.42-105.62 3 cm FG wh qtz vein 20°CA w/FG py		74	-97.00	2.00		.7	155	
		-sp-cp-ga.		75	-99.00	2.00		.6	99	
		121.93-122.05 4 cm FG gy qtz vein w/20% y py, 60°		76	-101.00	2.00		.4	150	
		CA		77	-103.00	2.00		.7	160	
		124.19-124.30 80°CA qtz vein w/50% py.		78	-104.00	1.00		1.5	405	
		129.94-131.72 Aplite dyke		79	-105.42	1.42		.6	39	
		132.78-132.92 45°CA 2 cm mass py vein.		80	-105.62	0.20		21.3	305	
		134.64-135.67 Lt gy wh clay alt'n.		81	-107.00	1.38		1.0	141	
138.28-146.0	FG Epidotized Flow	FG gy-gn w/2-5% ep, diss masses & stringers ass		82	-109.00	2.00		1.0	340	
		w/py. Abund wh cc veining		83	-111.00	2.00		.9	375	
		Gradational		84	-113.00	2.00	.129	1.5	4130	
				85	-115.00	2.00		.8	190	
146.0-154.23	Dark Tuff/Flow	D.gy-bk. FG Sim to above w/ no ep.		86	-117.00	2.00		1.2	410	
		147 -149 Local 2-3 cm irreg wh qtz veins w/		87	-119.00	2.00		.7	260	
		py & cp.		88	-120.50	1.50		.6	170	
		152.26-154.23 Lt gy lithic tuff 60-70°CA. Sharp		89	-121.93	1.43		.7	250	
		80°CA contact		90	-122.05	0.12	.043	4.1	1580	
				91	-124.19	2.14		.7	270	
154.23-163.37	Dark Tuff	M.d.gy Locally rubbly 1-2% py. Local ep. Local	60-80°	92	-124.30	0.11	.049	7.5	1560	
		flows Abund wh cc stringers	CA Tuff	93	-126.00	1.70		.5	240	
		157.28-157.45 Wh FG irreg qtz vein - minor cp		94	-128.00	2.00		.6	370	
				95	-129.94	1.94		1.4	910	
		END OF HOLE		96	-131.72	1.78		.2	118	
				97	-132.78	1.06		.9	390	

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
				8898 99	132.78	132.96 -134.64	0.18 1.68	.041	.9 2.7	360 1460
				8900 83		-135.67 -138.28	1.03 2.65		.7 1.1	230 250
				84 85		-140.50 -142.50	2.22 2.00		1.3 1.4	550 850
				86 87		-144.50 -146.50	2.00 2.00		.8 .9	450 230
				88 89		-149.00 -151.00	2.50 2.00		1.5 1.5	260 610
				90 91		-152.26 -154.23	1.26 1.97		.8 .3	390 205
				92 93		-156.00 -157.28	1.77 1.28		.5 .4	415 215
				94 9012		-157.45 -159.50	0.17 2.05		1.8 .4	69 220
				13 14		-161.50 -163.37	2.00 1.87		.3 .4	390 240
						<u>SLUDGES</u>				
						17.07	20.12	3.05		70
						-23.16		3.05		112
						-26.21		3.05		260
						-29.26		3.05		340
						-32.31		3.05		600
						-35.36		3.05		350
						-38.40		3.05		1960
						-41.45		3.05		980

INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE*	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
					<u>SLUDGES</u>					
					41.45-44.50		3.05			500
					-47.55		3.05			630
					-50.60		3.05			990
					-53.64		3.05			520
					-56.69		3.05			320
					-59.74		3.05			680
					-62.79		3.05			240
					-65.84		3.05			159
					-68.88		3.05			330
					-71.93		3.05			400
					-74.98		3.05			300
					-78.03		3.05			430
					-81.08		3.05			800
					-84.12		3.05			290
					-87.17		3.05			380
					-90.22		3.05			1140
					-93.27		3.05			610
					-96.32		3.05			590
					-102.41		6.10			660
					-105.46		3.05			1020
					-108.51		3.05			380
					-111.56		3.05			1520
					-114.60		3.05			4630
					-117.65		3.05			5110
					-120.70		3.05			2410
					-123.75		3.05			1030

Property:	<u>KENA</u>	Location		Down Hole Surveys	Etch	Drilled By:	<u>BEAUPRE</u>
Area (Map #):	<u>82-F/6W</u>	Grid:	<u>47+63N/49+25W</u>	Depth:	Az: <u>105.16</u>	Dip: <u>-60</u>	From-To: <u>Oct 15, 1986</u>
Claim #:			<u>1520 m Elev.</u>			Size(s):	<u>NQ</u>
M.D./County:	<u>NELSON</u>	Length:	<u>105.16</u> (Units: <u>m</u>)			Logged By:	<u>R. J. JOHNSTON</u>
Province:	<u>B.C.</u>	Azimuth:	<u>040</u>	Dip Collar:	<u>-50</u>	Signed:	

Remarks:

INTERVAL metres FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE*	SAMPLE #	INTERVAL metres		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
0-6.10		Casing		8995	5.80-7.62	1.82		.8	200	
				96	10.00-12.59	2.59		1.0	230	
6.10-10.0	Epidotized And Flow	M gy FGGM 1-2% diss py, 45°CA veins. Local 60°CA dark tuff.		97	-13.11	0.52		.8	12	
				98	16.23-16.72	0.49	.338	46.8	11200	
		5.10-6.10 Badly broken core		99	19.00-20.00	1.00		1.8	830	
				9000	37.00-39.00	2.00		.4	220	
10.0-13.11	Silicified And Flow	Mod sil'n, local crackle bx'n, 2-3% py 12.59-13.11 FG lamp dyke		01	43.50-45.50	2.00		.5	260	
				02	-47.50	2.00		.6	300	
13.11-21.37	Dark Flow	Abund ep, cc stringers FG gy-gn ep flows 16.23-16.72 Dk bl gy qtz vein w/VFG black streaks,	70°CA Tuff	03	51.00-53.00	2.00		.9	400	
				04	-55.00	2.00		.5	310	
		3% FG y py sim to LK-86-20 62.11-63.40		05	55.00-57.00	2.00		.5	480	
		19.40 20 cm of mod sil'd crackle bx in FG ep flow		06	-59.50	1.50		.6	165	
21.37-40.0	Lithic Tuff	Lt gy fine stretched FG bk chl'd clasts, locally 2 cm	70°CA Tuff	07	-62.00	2.50		.7	210	
				08	-64.00	2.00		.7	180	
		37.40 20 cm w/5mm round bk chl-ep clasts		09	-65.33	1.33		.8	440	
		38.0 Local minor sil'n		10	70.00-72.00	2.00		.5	265	
40.0-51.0	Andesite Flow/ Tuff	M.gy flow w/local dark tuff beds 2% py. Local minor sil'n		11	74.38-77.00	2.62		.2	200	

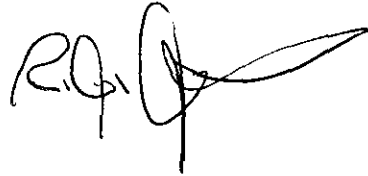
INTERVAL (metres) FROM TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres)		SAMPLE LENGTH	ASSAYS		
					FROM	TO		Au oz/T	Ag ppm	Au ppb
40.0-51.0	Andesite Flow/ Tuff	43.50-47.50 Local mod sil'n			SLUDGES					
51.0-62.0	Andesite Flow	M.gy, rubbly, 1-2% py. Local sil'd sections (veins) w/ up to 5% py.			6.10 - 7.62	1.52				310
					-10.67	3.05				290
					-13.72	3.05				460
62.0-65.33	Silicified Flow	Bl-gy mod intense crackle bx 2-3%.			-16.76	3.05				1250
					-19.81	3.05				1350
65.33-67.0	Andesite Flow	As above, Local wk-mod sil'n, minor crackle bx. 1-2% py in local veins → 1 cm @ 60-70°CA.			-22.86	3.05				1340
67.0-78.29	Coarse Feld Xtl Tuff	D.gy FGMG w/gy feld xtls 1% py. Local minor sil'n Minor dark tuff.	60-80° CA		-25.91	3.05				480
					-28.96	3.05				280
					-32.00	3.05				290
					-35.05	3.05				200
78.29-105.16	Epidotized Flow	Gy gn FG flow. 2-5% ep veins, diss, w/py, local cp. Local dark tuff, w/cc veining. Minor aug porphyry			-38.10	3.05				250
					-41.15	3.05				210
					-44.20	3.05				320
					-47.24	3.05				300
					-50.29	3.05				640
					-53.34	3.05				470
					-56.39	3.05				360
		END OF HOLE.			-59.44	3.05				260
					-62.48	3.05				370
					-65.53	3.05				680
					-68.58	3.05				470
					-71.63	3.05				650
					-74.68	3.05				660
					-77.72	3.05				760
					-80.77	3.05				950
					-83.82	3.05				370

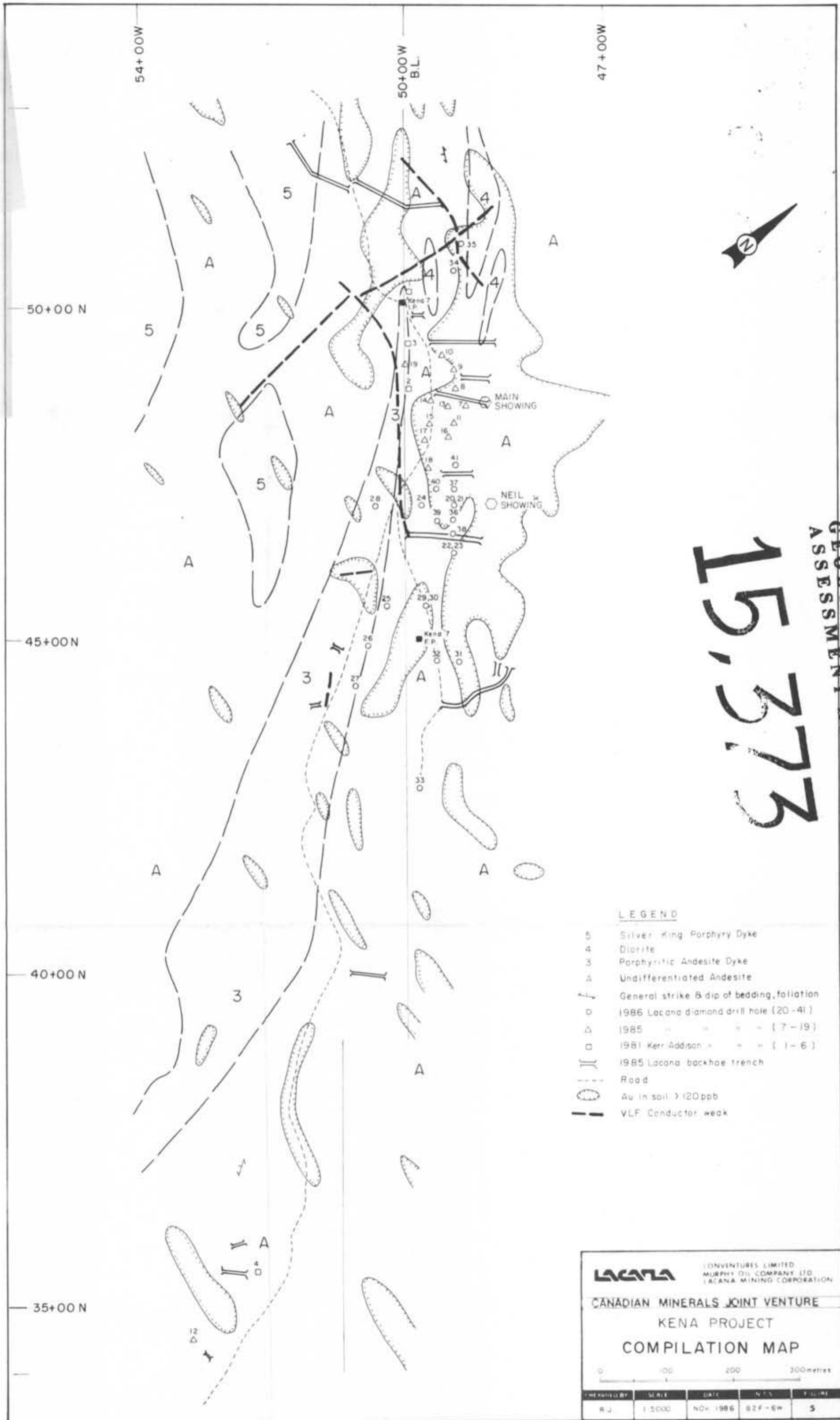
STATEMENT OF QUALIFICATIONS

I, ROBERT J. JOHNSTON of the City of Vancouver, B.C. do hereby certify that:

1. I am a graduate of the University of Saskatchewan with a B.Sc in Geological Services, 1982.
2. I am presently employed as a geologist with Lacana Mining Corporation of 312 - 409 Granville St., Vancouver, B.C.
3. I have practiced my profession with various mining companies in B.C., Yukon, Northwest Territories and Ontario during fields seasons since 1976.
4. I personally oversaw the project on which this report is based.

DATED at Vancouver, B.C. this 16th day of DEC. 1986.

A handwritten signature in black ink, appearing to read 'R.J. Johnston', with a long horizontal flourish extending to the right.



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,373

LEGEND

- 5 Silver King Porphyry Dyke
- 4 Diorite
- 3 Porphyritic Andesite Dyke
- 2 Undifferentiated Andesite
- 1 General strike & dip of bedding, foliation
- o (986 Lacana diamond drill hole (20-41)
- Δ (1985 " " " " (7-19)
- (1981 Kerr-Addison " " " (1-6)
- ||| (1985 Lacana backhoe trench
- Road
- Au in soil > 120ppb
- || VLF Conductor weak

LACANA		ADVENTURES LIMITED MURPHY OIL COMPANY LTD LACANA MINING CORPORATION		
CANADIAN MINERALS JOINT VENTURE				
KENA PROJECT				
COMPILATION MAP				
DRAWN BY	SCALE	DATE	N.T.S.	PAGE
R.J.	1:5000	NOV. 1986	82F-6w	5

54+00W

52+00W

50+00W
B.L.

48+00W

To Nelson 20km

52+00N

50+00N

48+00N

46+00N

44+00N

42+00N

40+00N

38+00N

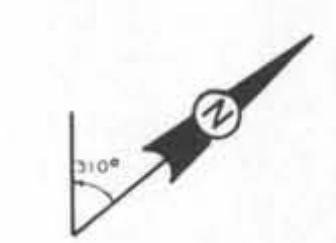
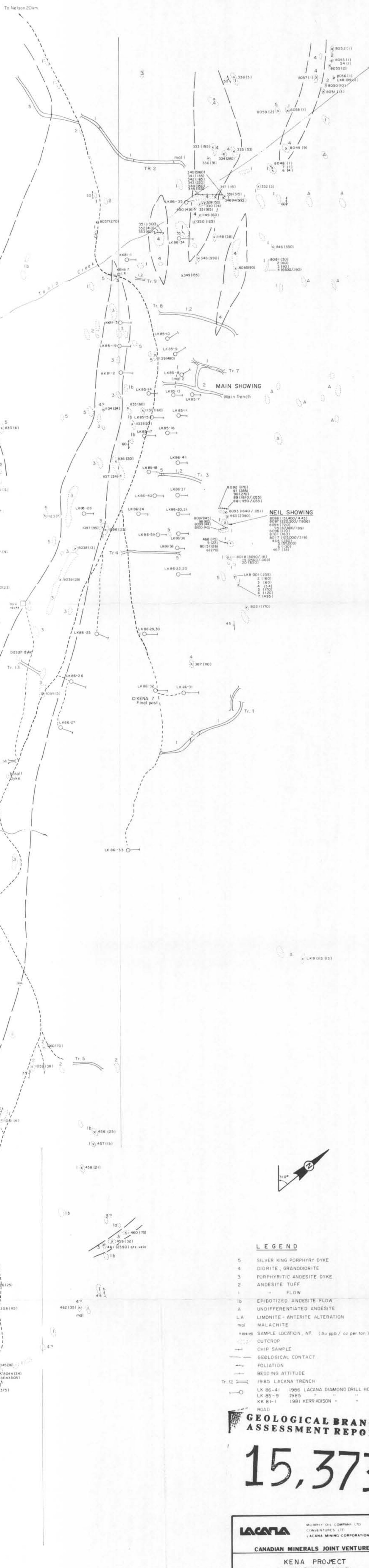
36+00N

34+00N

54+00W

52+00W

50+00W



LEGEND

- 5 SILVER KING PORPHYRY DYKE
- 4 DIORITE, GRANODIORITE
- 3 PORPHYRITIC ANDESITE DYKE
- 2 ANDESITE TUFF
- 1 FLOW
- 1b EPIDOTIZED ANDESITE FLOW
- A UNDIFFERENTIATED ANDESITE
- LA LIMONITE - ANTERITE ALTERATION
- mal MALACHITE
- x 8041(5) SAMPLE LOCATION, NP (Au ppb / oz per ton)
- OUTCROP
- CHIP SAMPLE
- GEOLOGICAL CONTACT
- FOLIATION
- BEDDING ATTITUDE
- Tr. 12 1985 LACANA TRENCH
- LKB-41 1986 LACANA DIAMOND DRILL HOLE
- LKB-5 1985
- KK 8-1 1981 KERRADISON
- ROAD

GEOLOGICAL BRANCH ASSESSMENT REPORT

15,373

LACANA MINERAL OIL COMPANY LTD
CONVENTURES LTD
LACANA MINING CORPORATION

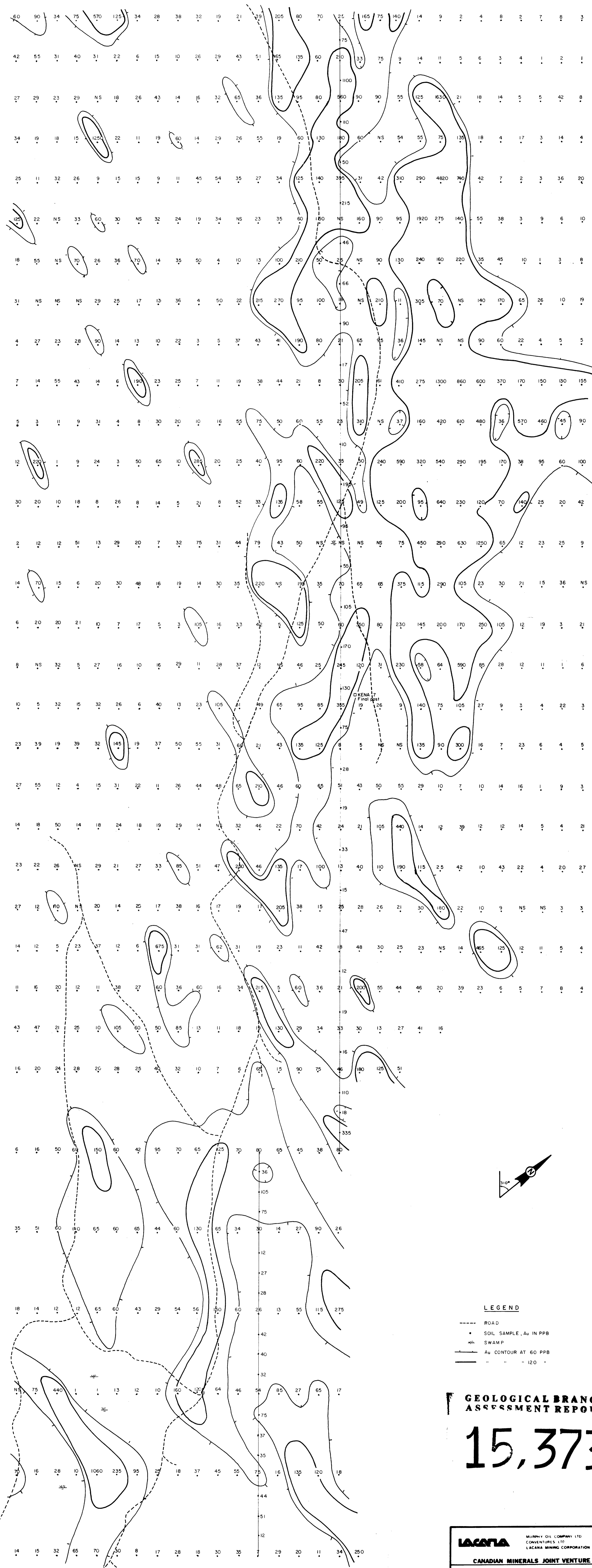
CANADIAN MINERALS JOINT VENTURE

**KENA PROJECT
GEOLOGY AND
LITHOGEOCHEMISTRY**

0 50 100 150 metres

PREPARED BY	SCALE	DATE	N.T.S. SHEET	FIGURE
R.J.	1:2000	NOV. 1986	82F-6W	6

54+00W 52+00W 50+00W 48+00W



LEGEND

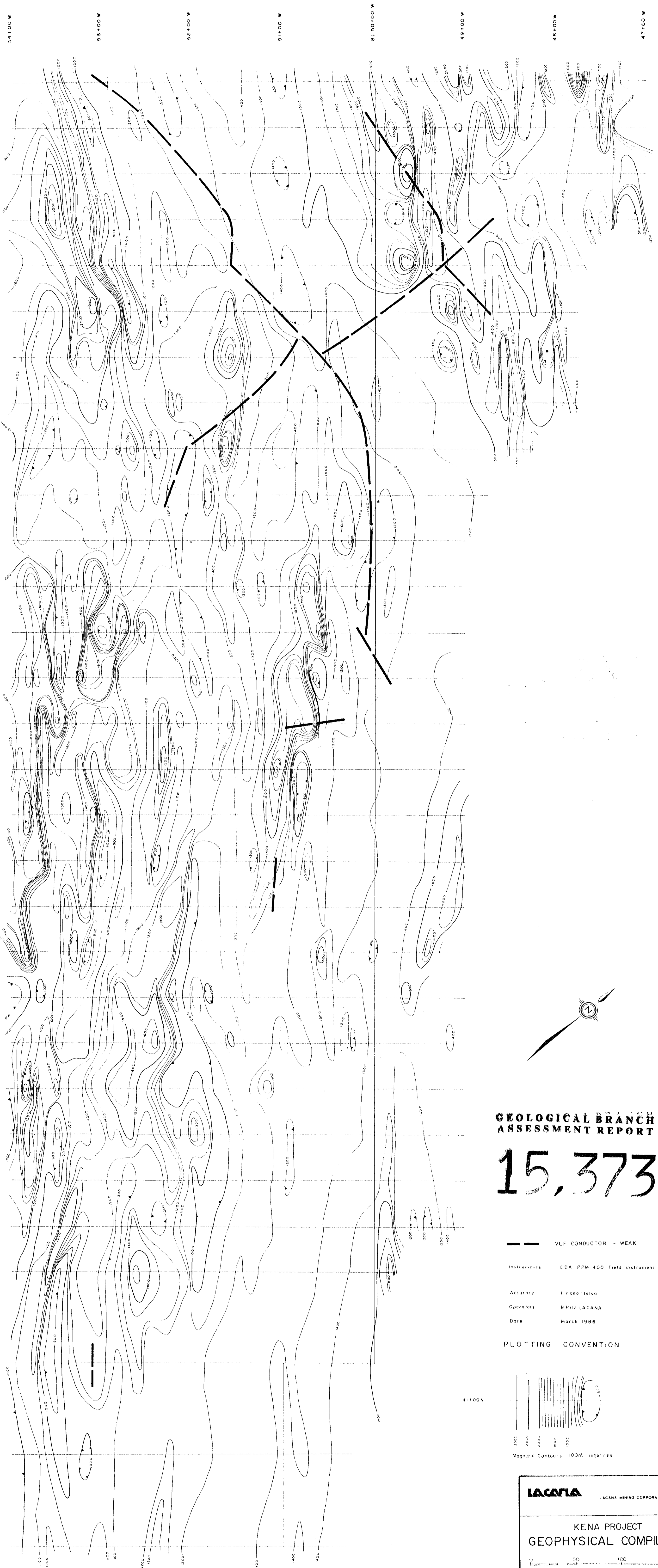
- ROAD
- SOIL SAMPLE, Au IN PPB
- /// SWAMP
- Au CONTOUR AT 60 PPB
- " " " 120 " "

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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LACANA		MURPHY OIL COMPANY LTD CONVENTURES LTD LACANA MINING CORPORATION	
CANADIAN MINERALS JOINT VENTURE			
KENA PROJECT			
GOLD GEOCHEMISTRY - SOIL			
0 50 100 150metres			
PREPARED BY R. J.	SCALE 1:2000	DATE NOV. 1986	N T S SHEET 82F - 6W
		FIGURE 7	

54+00W 52+00W 50+00W



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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--- VLF CONDUCTOR - WEAK

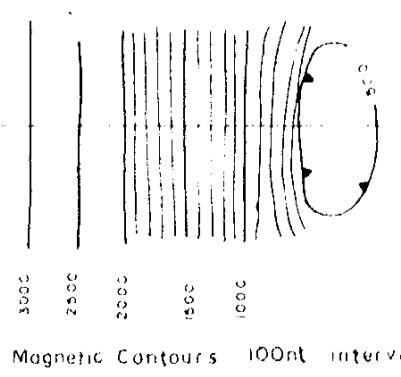
Instruments EDA PPM 400 Field instrument

Accuracy 1 m nano-telsa

Operators MPH/LACANA

Date March 1986

PLOTTING CONVENTION



LACANA		LACANA MINING CORPORATION	
KENA PROJECT GEOPHYSICAL COMPILATION			
0 50 100 150 metres			
PREPARED BY RW/KG	SCALE 1:2000	DATE NOV. 1986	FIGURE B2-F/GW 3


49+00W

EI. 1500m

LK 86-35
OFF ANGLE 035°

LEGEND

- 5 Silver King Feldspar Porphyry
- 4a Diorite
- 4b Quartz Diorite
- 4c Granodiorite
- 3 Porphyritic Andesite Dyke
- 2 Andesitic Tuff
- 2a Sheared, chloritized Volcaniclastics & Tuff
- 2b Lithic Tuff
- 2c Sericitic Tuff
- 1a Massive Andesite Flow
- 1b Epidotized Massive Andesite Flow
- 1c F.G. Epid. " " "

 Intersection Au oz / ton
Silicification, brecciation, <2% py

m.py >2% py
ep Epidatization
≈ Shearing

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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EI. 1400 m

104.85m

LACANA

CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
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CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

SECTION 50+90 N

DRILL HOLE GEOLOGY & MINERALIZATION

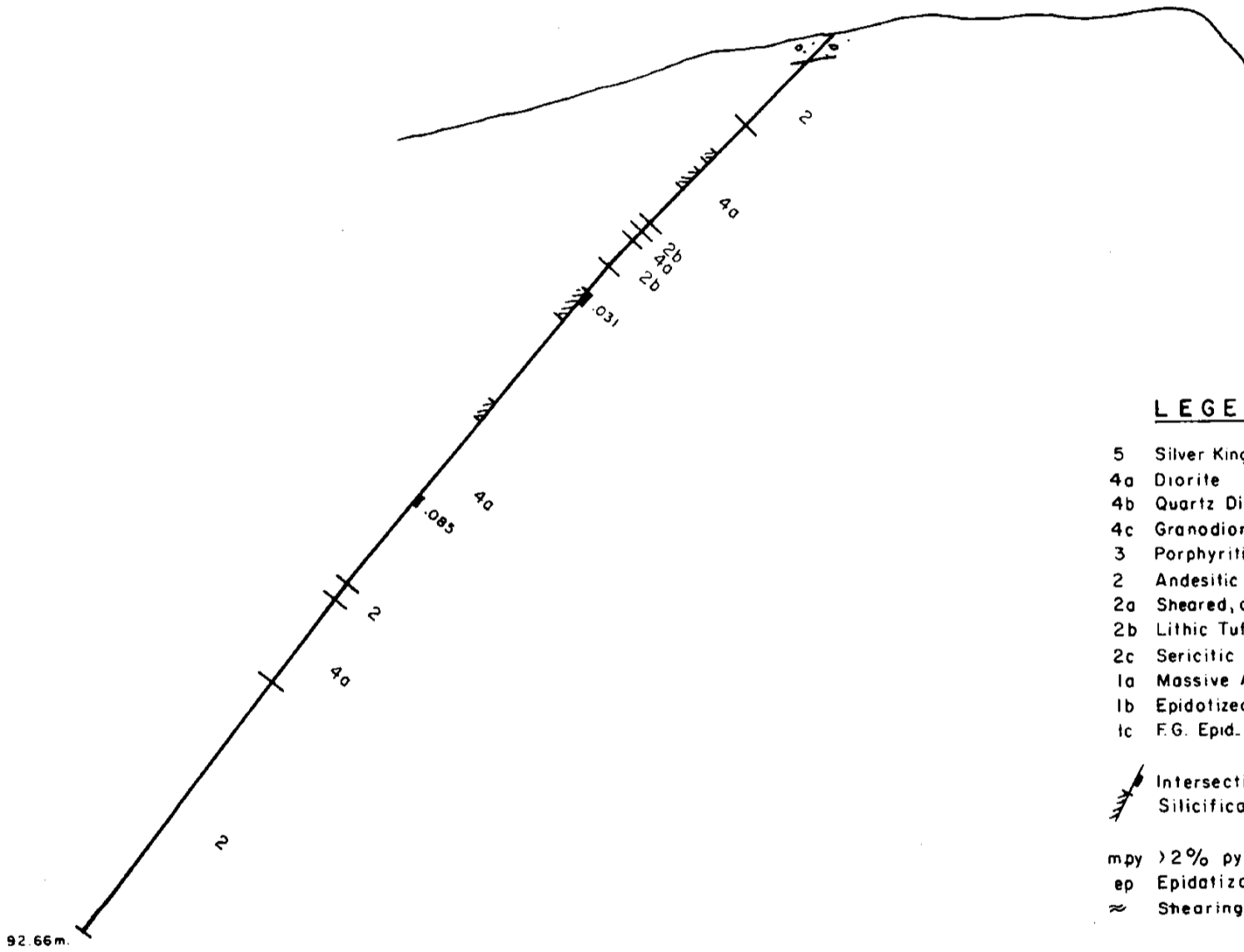
0 10 20 30 METRES

R. J.	1:500	NOV. 1986	82F-6W	9
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49+00W

EI. 1500m

LK 86-34



LEGEND

- 5 Silver King Feldspar Porphyry
- 4a Diorite
- 4b Quartz Diorite
- 4c Granodiorite
- 3 Porphyritic Andesite Dyke
- 2 Andesitic Tuff
- 2a Sheared, chloritized Volcaniclastics
- 2b Lithic Tuff
- 2c Sericitic Tuff
- 1a Massive Andesite Flow
- 1b Epidotized Massive Andesite Flow
- 1c F.G. Epid. " " "
- Intersection Au oz/ton
Silicification, brecciation, <2% py
- mpy >2% py
- ep Epidatization
- Shearing

EI. 1400 m

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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LACANA

CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION

**CANADIAN MINERALS JOINT VENTURE
KENA PROJECT
SECTION 50+50 N
DRILL HOLE GEOLOGY & MINERALIZATION**

0 10 20 30 METRES

R.J. 1:500 NOV. 1986 B2F-6W 10

49+00W

LK 86-41

LK 85-18


EI. 1500m

105.16 m

EI. 1400 m

138.99 m

LEGEND

- 5 Silver King Feldspar Porphyry
 - 4a Diorite
 - 4b Quartz Diorite
 - 4c Granodiorite
 - 3 Porphyritic Andesite Dyke
 - 2 Andesitic Tuff
 - 2a Sheared, chloritized Volcaniclastics & Tuff
 - 2b Lithic Tuff
 - 2c Sericitic Tuff
 - 1a Massive Andesite Flow
 - 1b Epidotized Massive Andesite Flow
 - 1c F.G. Epid. " " "
-  Intersection Au oz/ton
 Silicification, brecciation, (2% py
 mpy >2% py
 ep Epidatization
 ≈ Shearing

GEOLOGICAL BRANCH ASSESSMENT REPORT

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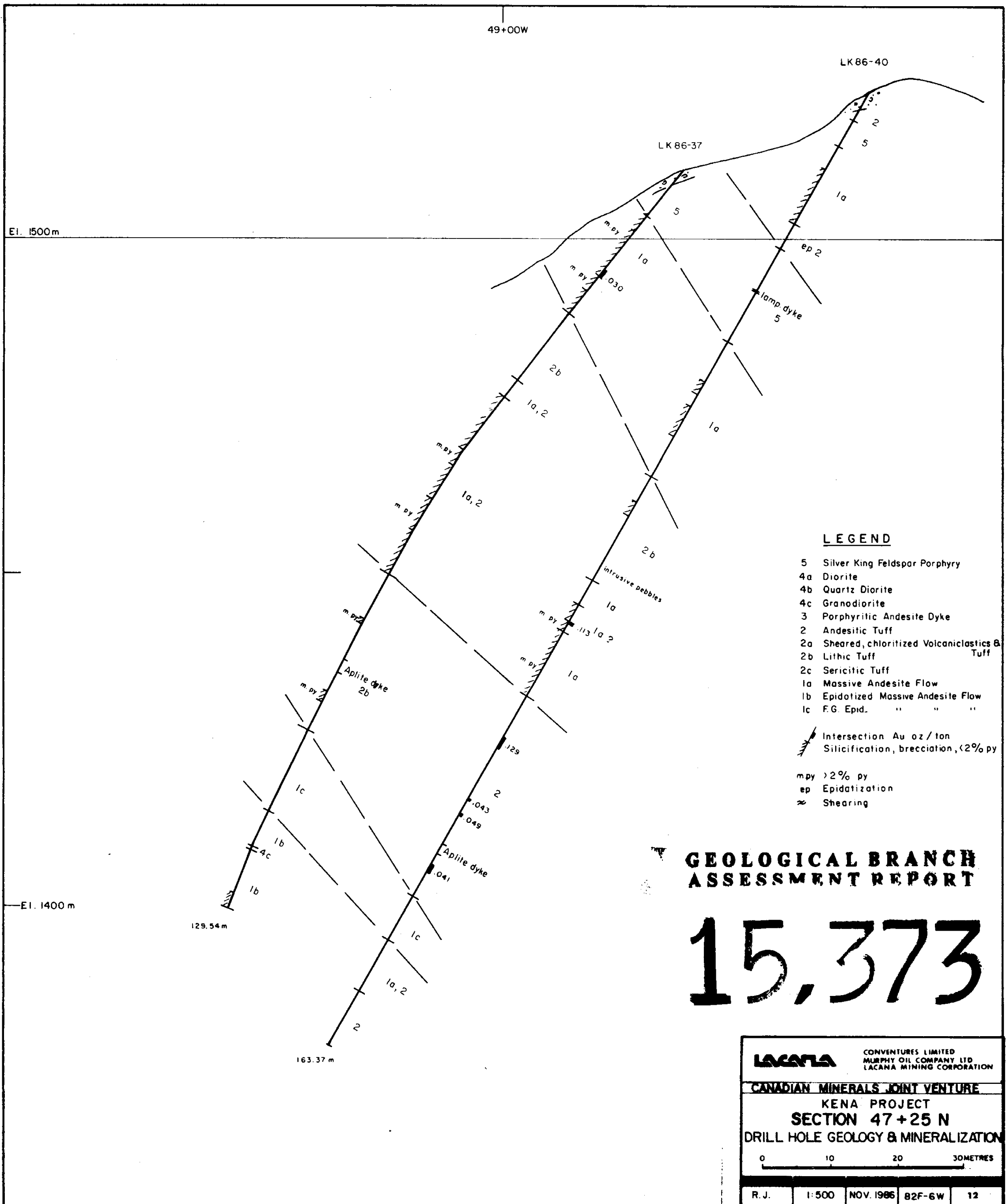
LACANA CONVENTURES LIMITED
 MURPHY OIL COMPANY LTD
 LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

KENA PROJECT
SECTION 47+ 50 N
DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30 METRES

R.J.	1:500	NOV. 1986	82F-6W	11
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LEGEND

- 5 Silver King Feldspar Porphyry
- 4a Diorite
- 4b Quartz Diorite
- 4c Granodiorite
- 3 Porphyritic Andesite Dyke
- 2 Andesitic Tuff
- 2a Sheared, chloritized Volcaniclastics & Tuff
- 2b Lithic Tuff
- 2c Sericitic Tuff
- 1a Massive Andesite Flow
- 1b Epidotized Massive Andesite Flow
- 1c F.G. Epid. " " "
- Intersection Au oz / ton
Silicification, brecciation, <2% py
- mpy >2% py
- ep Epidatization
- Shearing

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,373

LACANA		CONVENTURES LIMITED MURPHY OIL COMPANY LTD LACANA MINING CORPORATION	
CANADIAN MINERALS JOINT VENTURE			
KENA PROJECT			
SECTION 47+25 N			
DRILL HOLE GEOLOGY & MINERALIZATION			
0 10 20 30 METRES			
R.J.	1:500	NOV. 1986	B2F-6W 12

48+00W

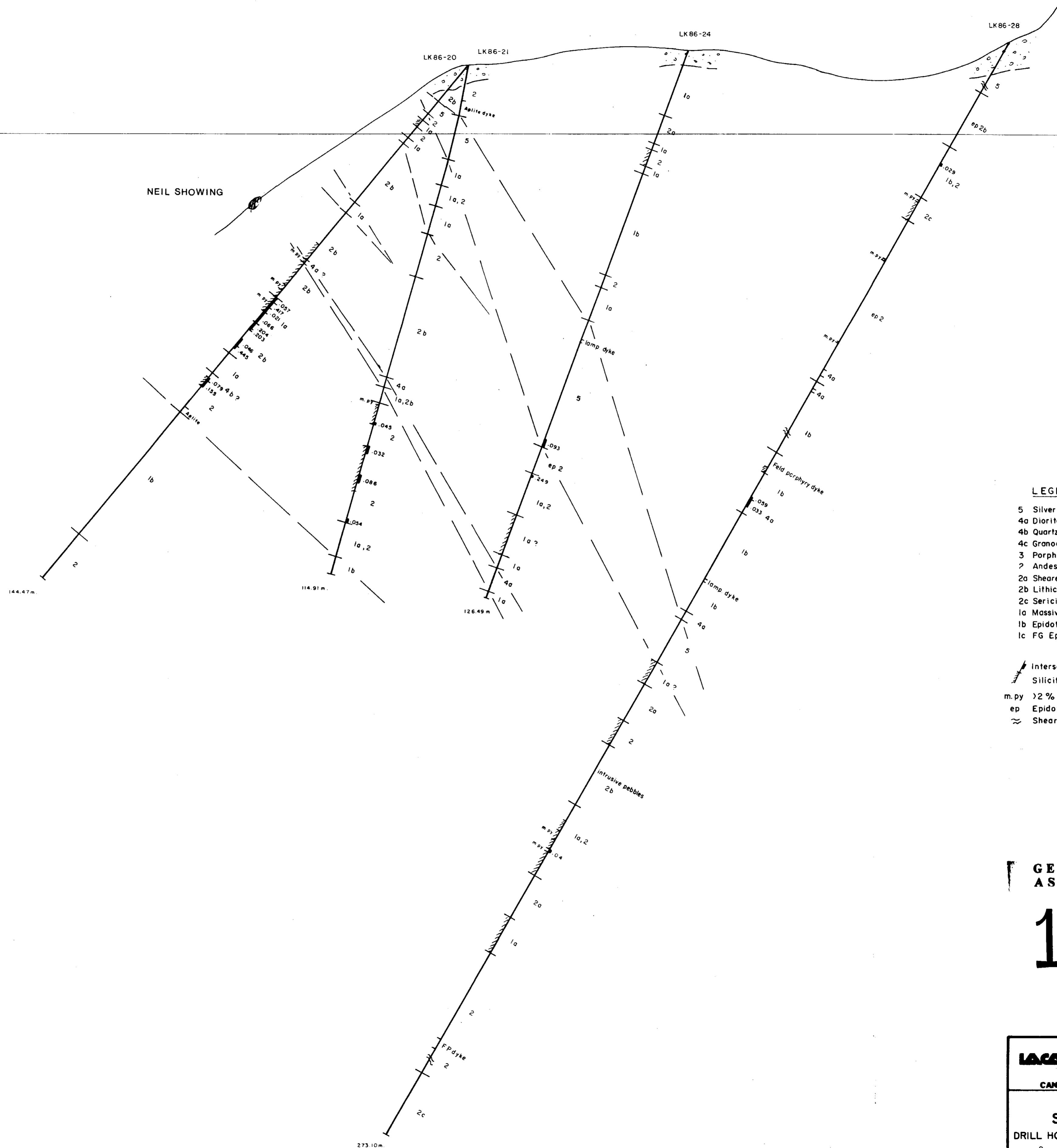
49+00W

50+00W

El. 1500 m

El. 1400 m

El. 1300 m



LEGEND

- 5 Silver King Feldspar Porphyry
 - 4a Diorite
 - 4b Quartz Diorite
 - 4c Granodiorite
 - 3 Porphyritic Andesite Dyke
 - ? Andesitic Tuff
 - 2a Sheared, Chloritized Volcaniclastics & Tuff
 - 2b Lithic Tuff
 - 2c Sericitic Tuff
 - 1a Massive Andesite Flow
 - 1b Epidotized Massive Andesite Flow
 - 1c FG Epid. " " "
- Intersection Au oz/ton
 Silicification, brecciation, <2% py
 >2% pyrite
 Epidotization
 Shearing

GEOLOGICAL BRANCH ASSESSMENT REPORT

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LACANA				
MURPHY OIL COMPANY LTD CONVENTURES LTD LACANA MINING CORPORATION				
CANADIAN MINERALS JOINT VENTURE				
KENA PROJECT				
SECTION 47+00N				
DRILL HOLE GEOLOGY & MINERALIZATION				
0 10 20 30 metres				
PREPARED BY	SCALE	DATE	N.T.S. SHEET	FIGURE
R. J.	1:500	NOV. 1986	82F-6W	13

49+00W

LK 86-39

LK 86-36



EI. 1500m

117.65m.

EI. 1400 m

145.08 m

LEGEND

- 5 Silver King Feldspar Porphyry
 - 4a Diorite
 - 4b Quartz Diorite
 - 4c Granodiorite
 - 3 Porphyritic Andesite Dyke
 - 2 Andesitic Tuff
 - 2a Sheared, chloritized Volcaniclastics & Tuff
 - 2b Lithic Tuff
 - 2c Sericitic Tuff
 - 1a Massive Andesite Flow
 - 1b Epidatized Massive Andesite Flow
 - 1c E.G. Epid. " " "
-  Intersection Au oz/ton
 Silicification, brecciation, <2% py
 mpy >2% py
 ep Epidatization
 Shearing

GEOLOGICAL BRANCH ASSESSMENT REPORT

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LACANA CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE
KENA PROJECT
SECTION 46+ 75 N
DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30 METRES

R. J. 1:500 NOV. 1986 82F-6W 14

49+00W

L K 86-38

El. 1500m

138.99 m.

El. 1400 m

LEGEND

- 5 Silver King Feldspar Porphyry
 - 4a Diorite
 - 4b Quartz Diorite
 - 4c Granodiorite
 - 3 Porphyritic Andesite Dyke
 - 2 Andesitic Tuff
 - 2a Sheared, chloritized Volcaniclastics & Tuff
 - 2b Lithic Tuff
 - 2c Sericitic Tuff
 - 1a Massive Andesite Flow
 - 1b Epidotized Massive Andesite Flow
 - 1c F.G. Epid. " " "
- Intersection Au oz/ton
 Silicification, brecciation, <2% py
 mpy >2% py
 ep Epidotization
 ≈ Shearing

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,373

LACANA

CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

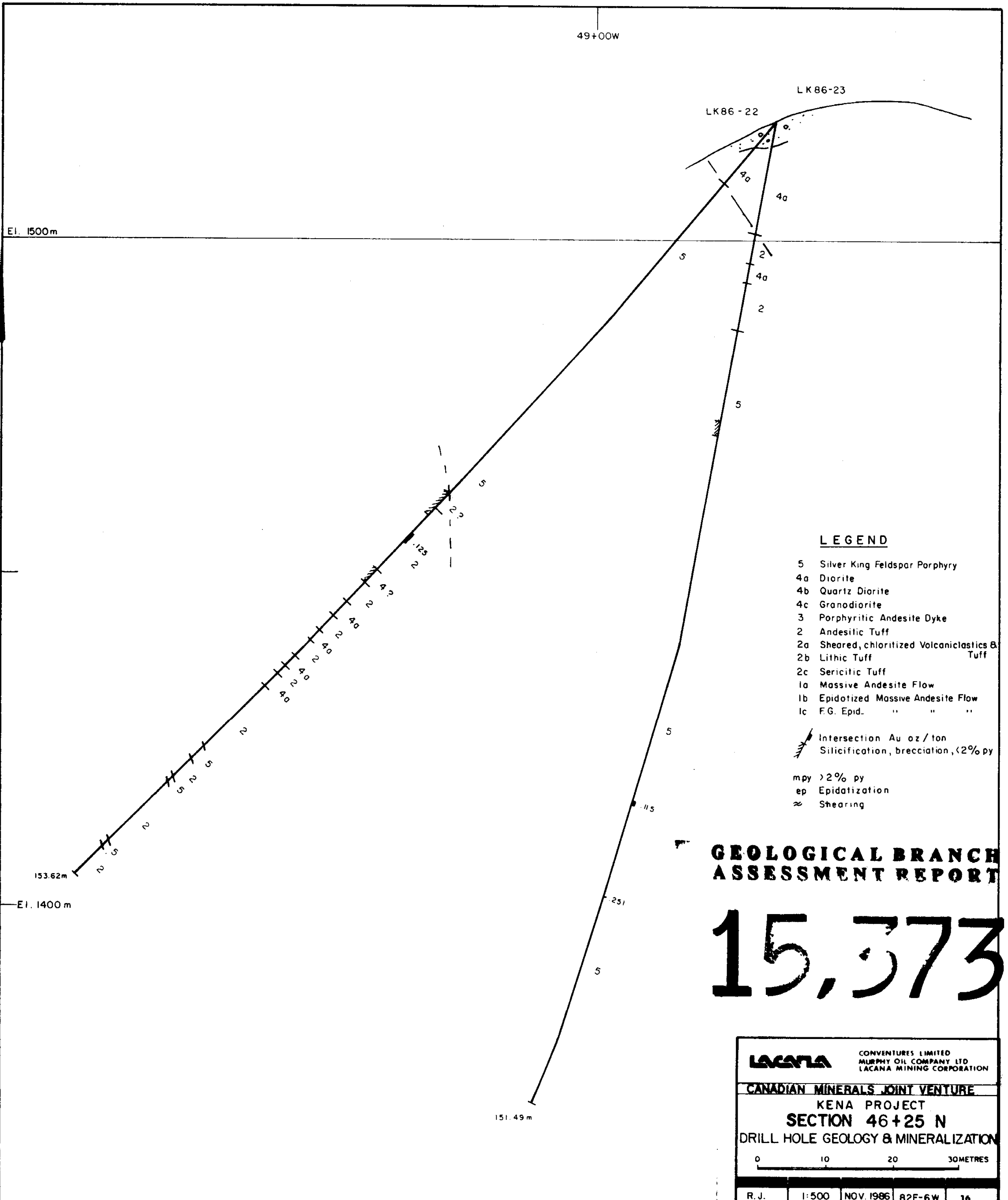
KENA PROJECT

SECTION 46 + 50 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30 METRES

R.J. 1:500 NOV. 1986 82F-6W 13



LEGEND

- 5 Silver King Feldspar Porphyry
 - 4a Diorite
 - 4b Quartz Diorite
 - 4c Granodiorite
 - 3 Porphyritic Andesite Dyke
 - 2 Andesitic Tuff
 - 2a Sheared, chloritized Volcaniclastics & Tuff
 - 2b Lithic Tuff
 - 2c Sericitic Tuff
 - 1a Massive Andesite Flow
 - 1b Epidotized Massive Andesite Flow
 - 1c F.G. Epid. " " "
- Intersection Au oz / ton
 Silicification, brecciation, <2% py
 mpy >2% py
 ep Epidatization
 ≈ Shearing

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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LACANA		CONVENTURES LIMITED	
		MURPHY OIL COMPANY LTD	
		LACANA MINING CORPORATION	
CANADIAN MINERALS JOINT VENTURE			
KENA PROJECT			
SECTION 46+25 N			
DRILL HOLE GEOLOGY & MINERALIZATION			
R. J.	1:500	NOV. 1986	82F-6W 16

48+00W

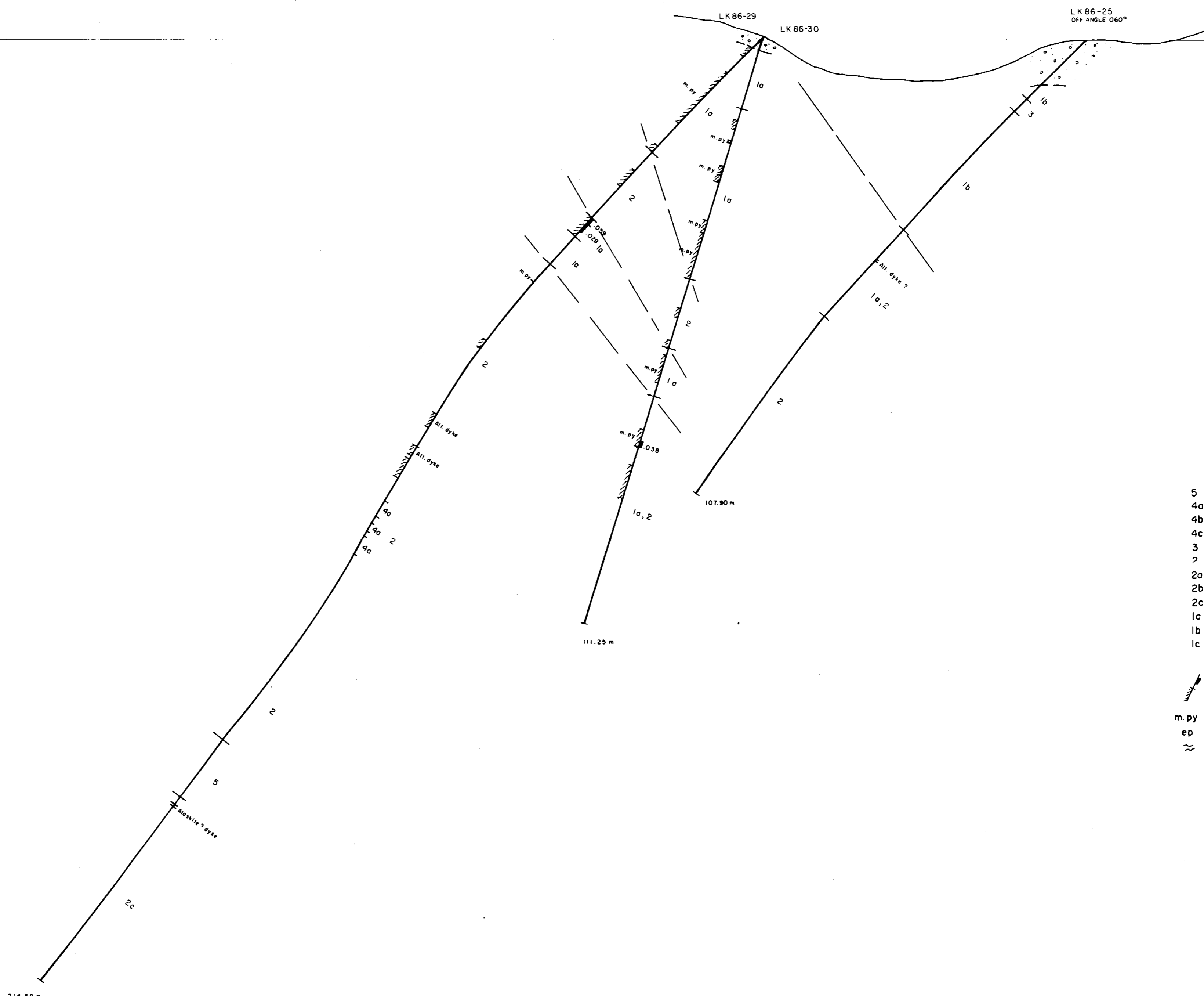
49+00W

50+00W

El. 1500 m

El. 1400 m

El. 1300 m



LEGEND

- 5 Silver King Feldspar Porphyry
- 4a Diorite
- 4b Quartz Diorite
- 4c Granodiorite
- 3 Porphyritic Andesite Dyke
- 2 Andesitic Tuff
- 2a Sheared, Chloritized Volcaniclastics & Tuff
- 2b Lithic Tuff
- 2c Sericitic Tuff
- 1a Massive Andesite Flow
- 1b Epidotized Massive Andesite Flow
- 1c FG Epid. " " "

- Intersection Au oz/ton
- Silicification, brecciation, <2% py
- m.py >2% pyrite
- ep Epidotization
- Shearing

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,373

LACAMA				
MINERAL COMPANY LTD CONVENTURES LTD LACAMA MINING CORPORATION				
CANADIAN MINERALS JOINT VENTURE				
KENA PROJECT				
SECTION 45+50N				
DRILL HOLE GEOLOGY & MINERALIZATION				
0 10 20 30 metres				
PREPARED BY	SCALE	DATE	N.T.S. SHEET	FIGURE
R.J.	1:500	NOV. 1986	82F-6W	17

48+00W

49+00W

50+00W

El. 1500 m

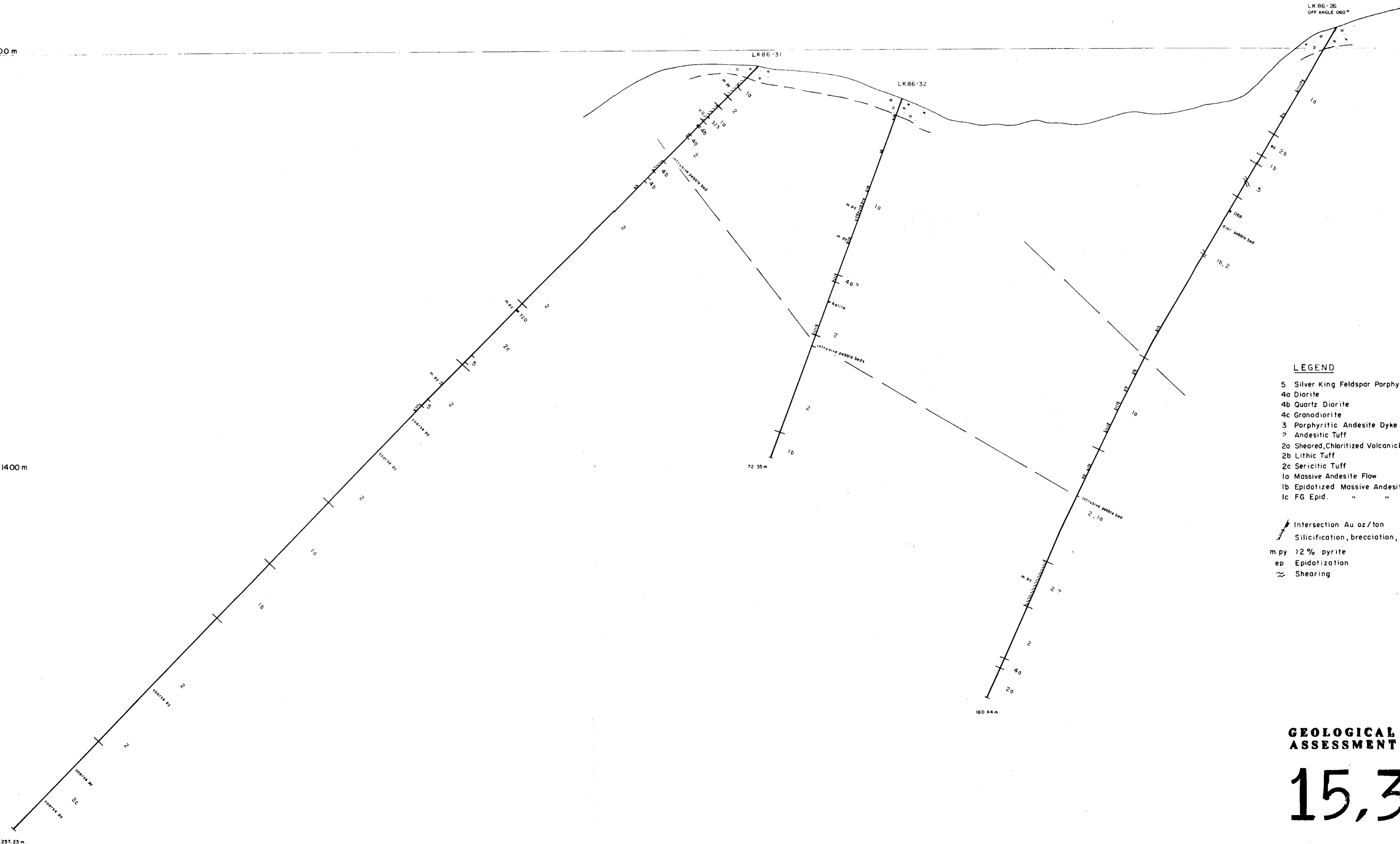
El. 1400 m

El. 1300 m

LK 86-26
OFF ANGLE 060°

LK 86-31

LK 86-32



LEGEND

- 5 Silver King Feldspar Porphyry
 - 4a Diorite
 - 4b Quartz Diorite
 - 4c Granodiorite
 - 3 Porphyritic Andesite Dyke
 - ? Andesitic Tuff
 - 2a Sheared, Chloritized Volcaniclastics & Tuff
 - 2b Lithic Tuff
 - 2c Sericitic Tuff
 - 1a Massive Andesite Flow
 - 1b Epidotized Massive Andesite Flow
 - 1c FG Epid. " " "
- Intersection Au oz/ton
 Silicification, brecciation, <2% py
 m.py >2% pyrite
 ep Epidotization
 Shearing

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

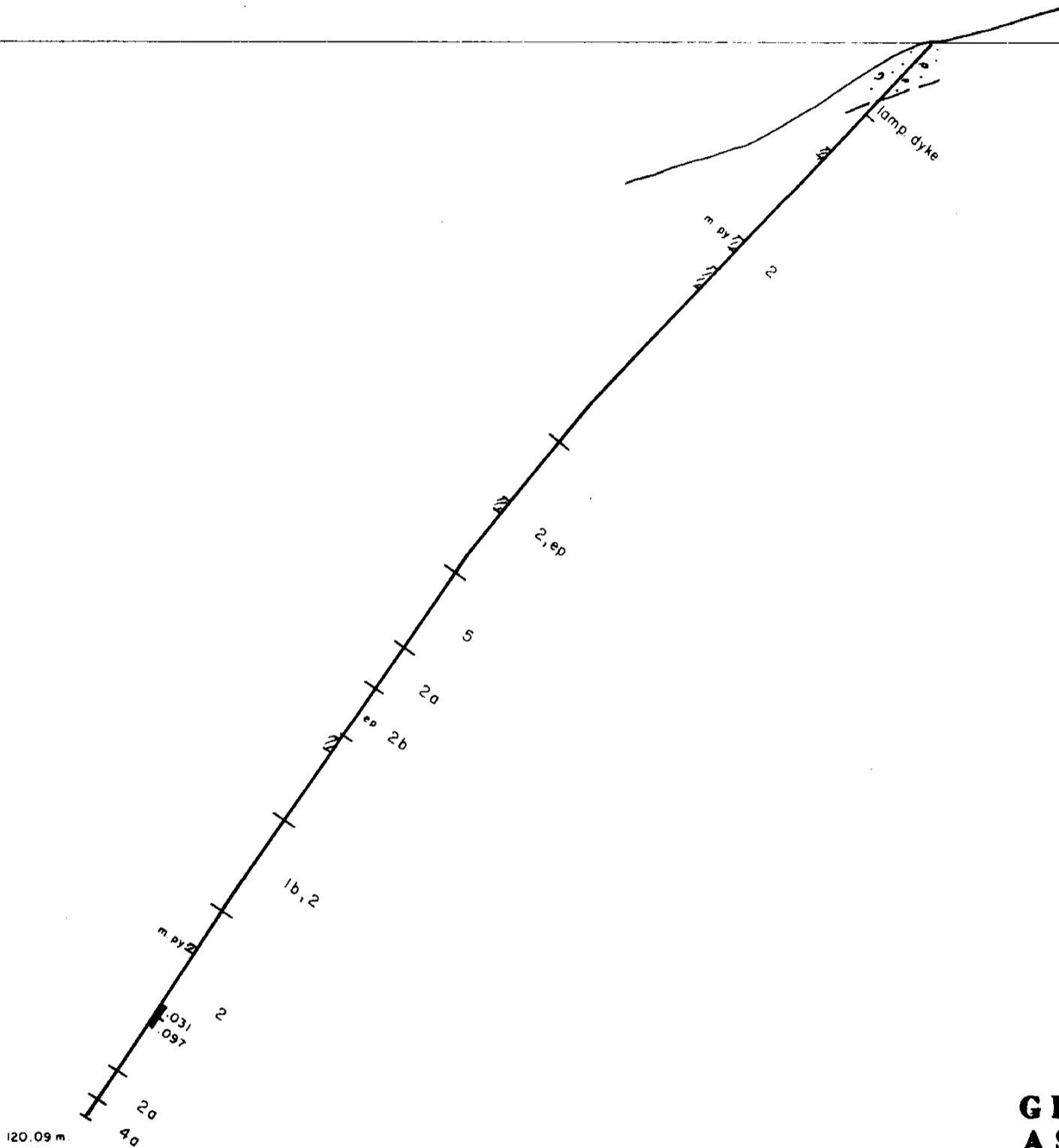
15,373

LACANA				
MINERALS COMPANY LTD CONVENTUR'S LTD LACANA MINING CORPORATION				
CANADIAN MINERALS JOINT VENTURE				
KENA PROJECT				
SECTION 44+75N				
DRILL HOLE GEOLOGY & MINERALIZATION				
0 10 20 30 metres				
PREPARED BY	SCALE	DATE	N.T.S. SHEET	FIGURE
R. J.	1:500	NOV. 1986	82F-6W	18

50+50W

LK86-27
OFF ANGLE 060°

EI. 1500m



LEGEND

- 5 Silver King Feldspar Porphyry
 - 4a Diorite
 - 4b Quartz Diorite
 - 4c Granodiorite
 - 3 Porphyritic Andesite Dyke
 - 2 Andesitic Tuff
 - 2a Sheared, chloritized Volcaniclastics & Tuff
 - 2b Lithic Tuff
 - 2c Sericitic Tuff
 - 1a Massive Andesite Flow
 - 1b Epidotized Massive Andesite Flow
 - 1c F.G. Epid. " " "
- Intersection Au oz / ton
 >2% py
 Epidatization
 Shearing

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,373

LACANA

CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

SECTION 44+20 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30METRES


R.J. 1:500 NOV. 1986 82F-6W 19

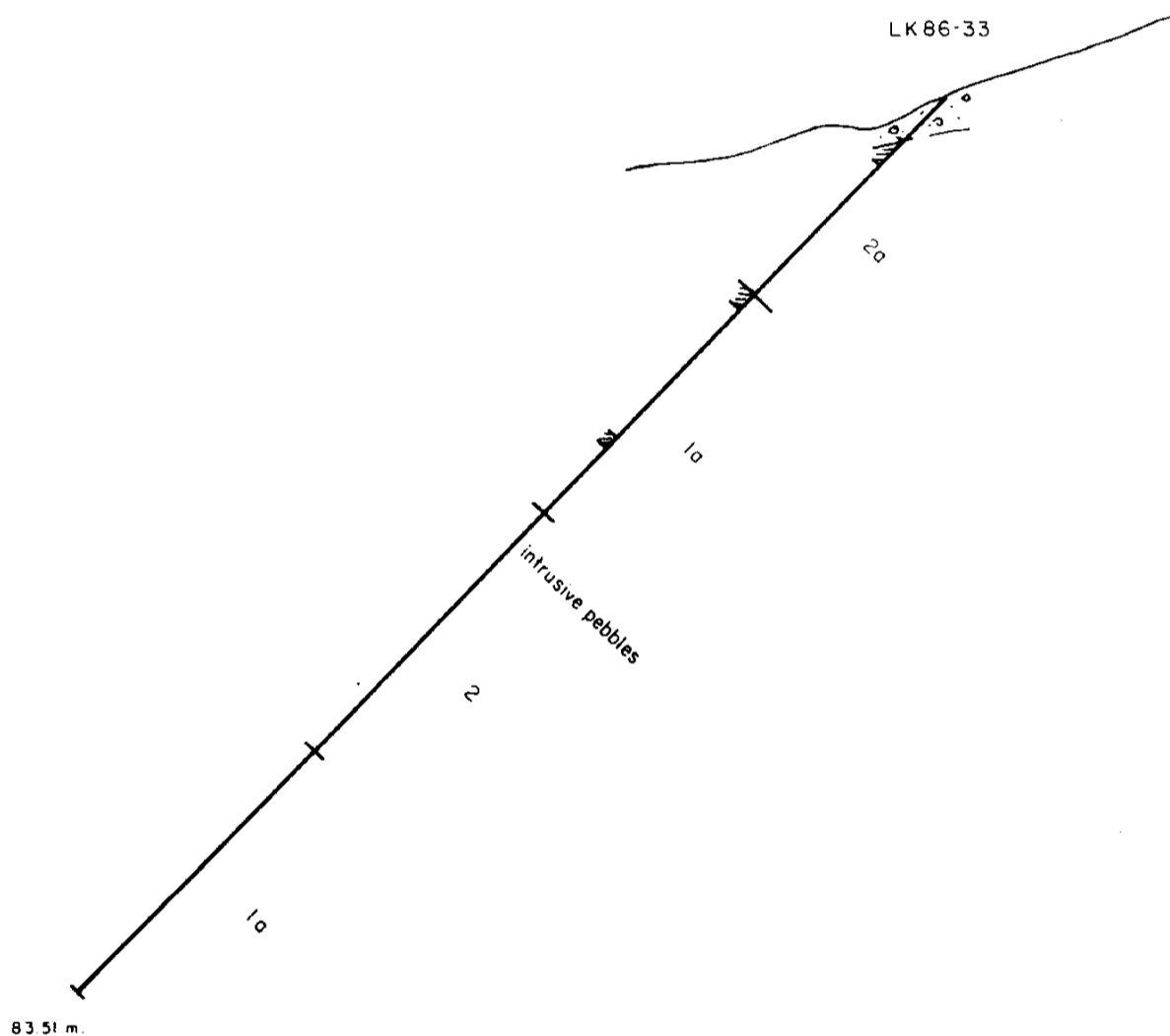
50+00 W
BL

El. 1500m

LK86-33

LEGEND

- 5 Silver King Feldspar Porphyry
 - 4a Diorite
 - 4b Quartz Diorite
 - 4c Granodiorite
 - 3 Porphyritic Andesite Dyke
 - 2 Andesitic Tuff
 - 2a Sheared, chloritized Volcaniclastics & Tuff
 - 2b Lithic Tuff
 - 2c Sericitic Tuff
 - 1a Massive Andesite Flow
 - 1b Epidotized Massive Andesite Flow
 - 1c F.G. Epid. " " "
-  Intersection Au oz / ton
 Silicification, brecciation, <2% py
 mpy >2% py
 ep Epidatization
 ≈ Shearing



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

15,373

El. 1400 m

83.51 m.

LACANA CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

SECTION 42+75 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30 METRES

R. J.	1:500	NOV. 1986	82F-6W	20
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