Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
DIAMOND DRILLING	$210,490.

AUTHOR(S) R. J. JOHNSTON SIGNATURE(S) R. J. Johnston

D. JOHNSON D. Johnson

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED December 3, 1986 YEAR OF WORK 1986

PROPERTY NAME(S) KENA

COMMODITIES PRESENT Au, Cu

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION NELSON NTS 82-F/6W

LATITUDE 49°25'N LONGITUDE 117°16'W

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

KENA 7, 18-25, KENA Fr, GOLD MTN, GOLD MTN 1-3, 6-8, GOLD MTN 9, LINDE 1, MAC 1, MAC Fr.

OWNER(S)

(1) O. JANOUT

MAILING ADDRESS
310 - 1509 Martin St.
White Rock, B.C. V4B 3W3

(2) LACANA MINING CORPORATION

MAILING ADDRESS
312 - 409 Granville St.
Vancouver, B.C. V6C 1T2

FILMED

OPERATOR(S) (that is, Company paying for the work)

(1) LACANA MINING CORPORATION

MAILING ADDRESS
312 - 409 Granville St.
Vancouver, B.C. V6C 1T2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,767

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

The property is underlain by chloritized and variably sheared Lower Jurassic Elise Fm. andesite tuffs and flows which strike to the NW and dip moderately to the SW and is intruded by various phases of the Nelson Batholith. Gold occurs in silicified and pyritized fracture zones within the andesite.

REFERENCES TO PREVIOUS WORK Assessment Reports 05222, 06520, 06946, 09563.

(over)

NELSON NOTE NEW COMMODITY!

FAME REPORT (EZ18) 15767

Province of British Columbia
Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S): DRILLING; GEOPHYSICAL; GEOCHEMICAL TOTAL COST: 210,490.00

AUTHOR(S): R.J. Johnson, D. Johnson SIGNATURE(S):

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED: Dec. 24/86 YEAR OF WORK: 1986

PROPERTY NAME(S): KENA

COMMODITIES PRESENT: Cu, Au

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN: 82F/SW-237

MINING DIVISION: Nelson NTS: 82F/6W

LATITUDE: 49°25' LONGITUDE: 117°16'

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property. Example: TAM 1 (12 units), PHOENIX (Lot 1706), Mineral Lease M 123, Mining or Certified Mining Lease ML 12 (not to scale)

Kena 7, Mac 1

OWNER(S)

(1) Lacana Mining Corporation (2) O. Janout

MAILING ADDRESS

OPERATOR(S) (that is, Company paying for the work)

(1) Lacana Mining Corporation (2)

MAILING ADDRESS

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude)

The property is underlain by chloritized and variably sheared Jurassic Elise Formation andesite tuffs and flows which strike to the northwest and dip moderately to the southwest and are intruded by various phases of the Cretaceous - Jurassic Nelson Batholith. Gold occurs in silicified and pyritized fracture zones within the andesite.

REFERENCES TO PREVIOUS WORK

A.R. 16594, 15373, 14023, 13348, 9593, 9476, 6520, 6946, 5665, 5222

(over)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground			
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	MAGG 15.9 km	Kena 7, Mac 1	2669.00
Electromagnetic	EMGR 12.5 km VLF		3000.00
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil	SOIC 885; multielement	Kena 7, Mac 1	8902.00
Silt			
Rock			
Other			
DRILLING (total metres; number of holes, size)			
Core	DIAD 3129.0m; 23 holes; NQ	Kena 7, Mac 1	189,364.00
Non-core			
RELATED TECHNICAL			
Sampling/assaying	SAMP 180; multielement	"	
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)	LINE 19.6 km	Kena 7, Mac 1	6555.00
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	210,490.00

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS
Value work done (from report) 210,490.00				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted Date Feb. 24/88	Rec. No. 15767			Information Class (1)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground			
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	15.975 km	KENA 7, MAC 1	2,669.
Electromagnetic	12.45 km (includes	" "	3,000.
Induced Polarization	report preparation)		
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....)			
Soil	885 Au, Multi-element	KENA 7, MAC 1	
Silt			
Rock	180 Au, Multi-element (inc-		8,902
Other	wages)		
DRILLING (total metres; number of holes, size)			
Core	3,129m NQ Diamond Drilling-	KENA 7, MAC 1	189,364
Non-core	23 holes; Sampling +Assay		
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)	19.55 km	KENA 7, MAC 1	6,555.
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	$210,490.

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted ..... Date	Rept. No.			Information Class

SUMMARY REPORT ON 1986 WORK
KENA PROPERTY
NELSON, B. C.

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

R. J. JOHNSTON
November, 1986

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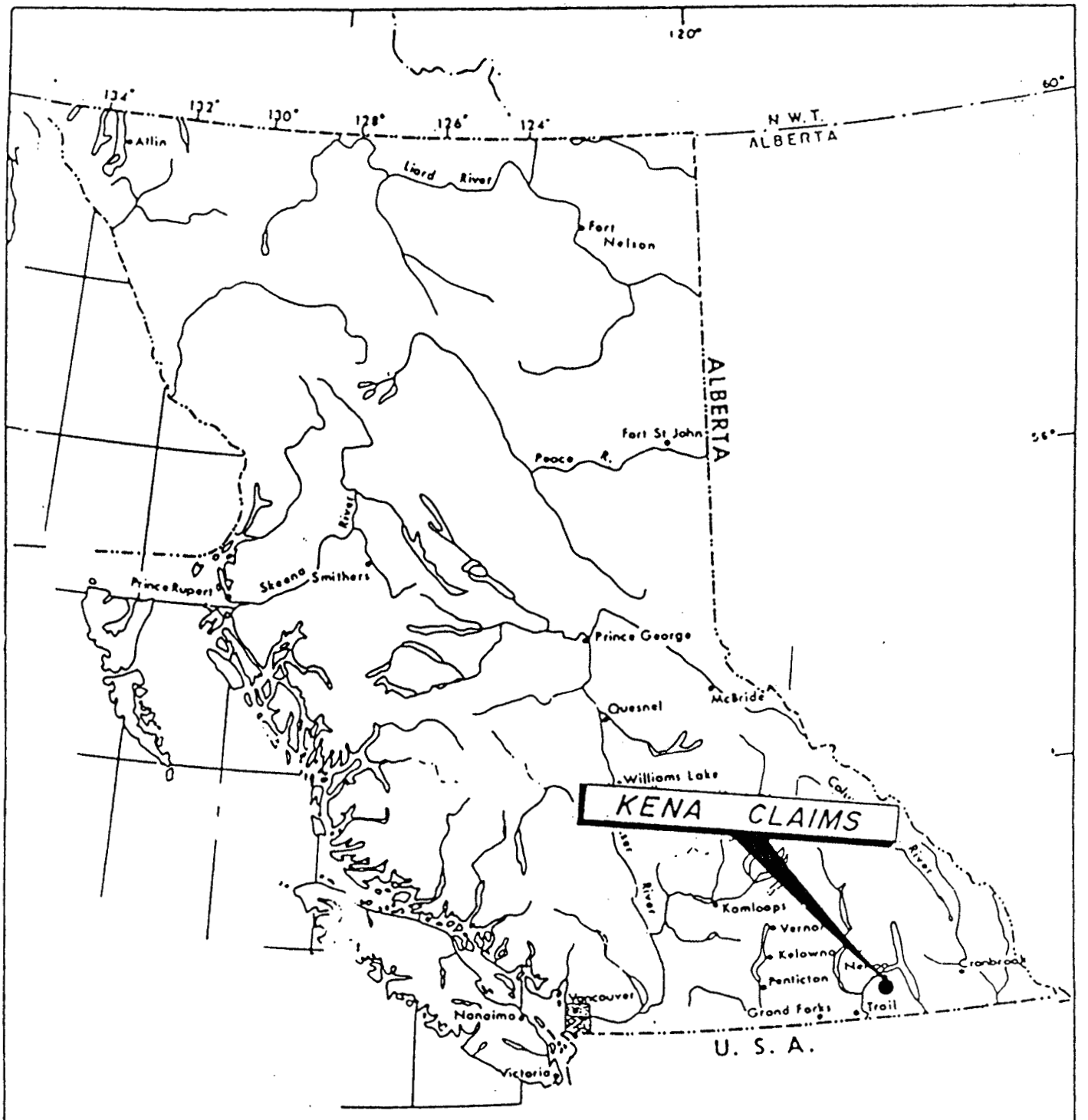


LACANA

CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

KENA PROPERTY
LOCATION MAP

PREPARED BY	SCALE	DATE	N.T.S.	FIGURE #
BJ	1:7,000,000	Nov, 1985	82F/6	1

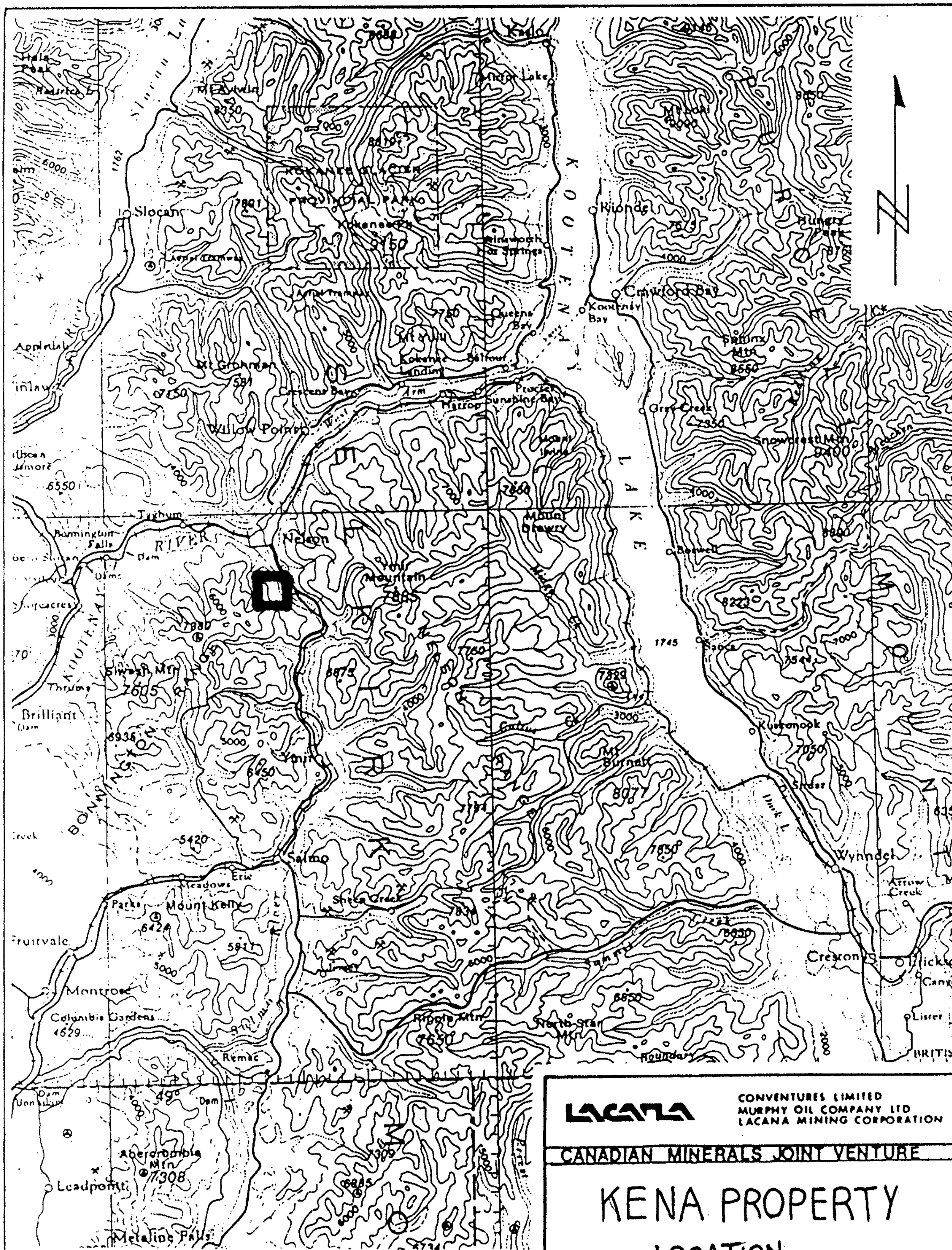
SUMMARY

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

BJ	1:500,000	Nov, 1985	82 F/6	2

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

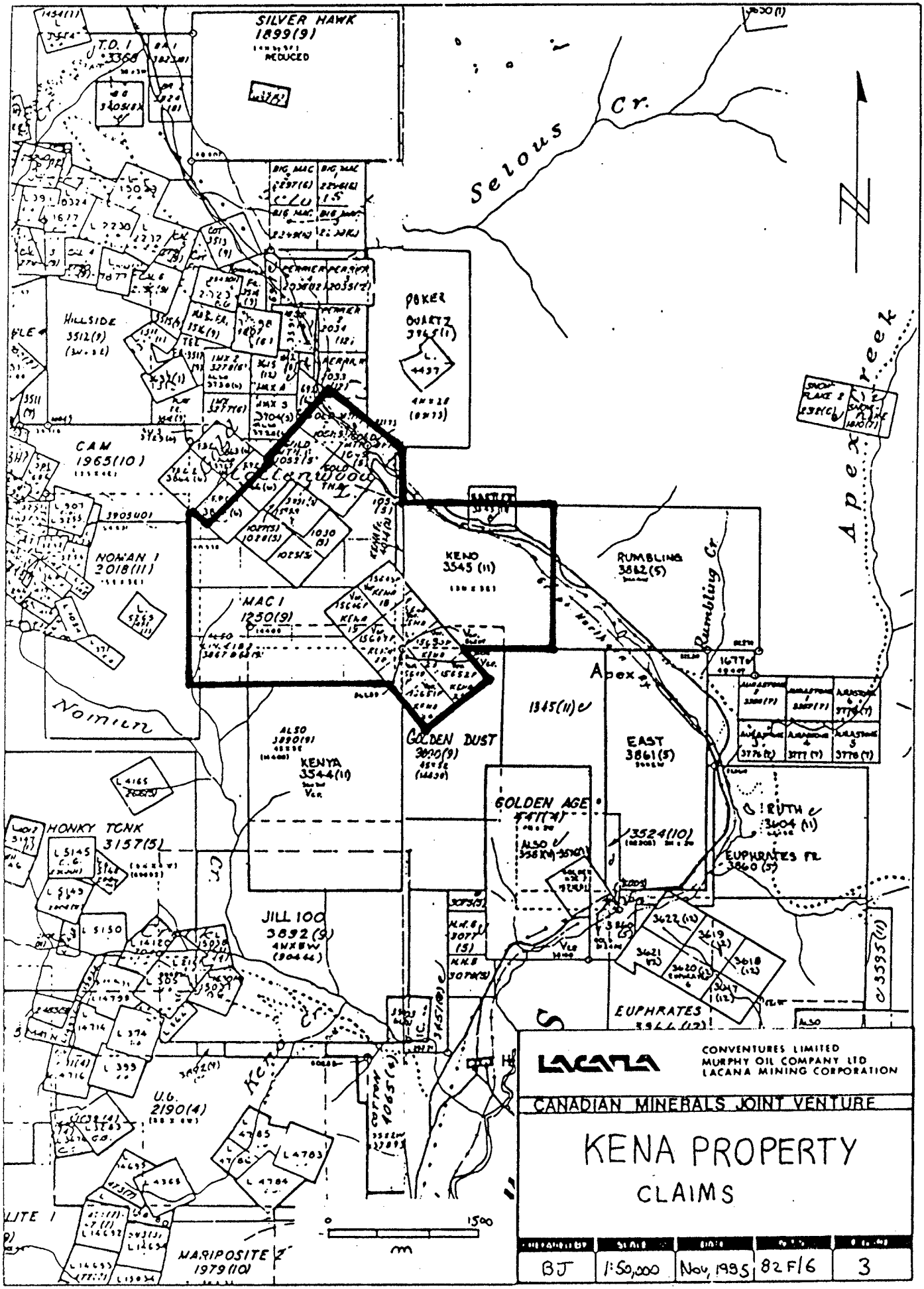
The terrain is generally rugged with the main area of interest situated on a bench at 1500 m elevation.

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.

Claim Name	Record No.	No. of Units	Expiry Date
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


SILVER HAWK
1899(9)
REDUCED
T.D. 1
3360
Selous Cr.
POKER
QUARTZ
3945(1)
HILLSIDE
3512(9)
CAN
1965(10)
NOMAN 1
2018(11)
MAC 1
1250(9)
KENO
3545 (11)
RUMBLING
3862(5)
Rumbling Cr
Apex creek
Apex
1345(11)
EAST
3861(5)
GOLDEN DUST
3930(9)
KENYA
3544(11)
GOLDEN AGE
3524(10)
RUTH
3604 (1)
EUPHRATES FR.
3860 (5)
HONKY TONK
3157(5)
JILL 100
3892(9)
4NXBW
EUPHRATES
U.G.
2190(4)
MARIPOSITE 1
1979(10)
LITE 1
0 1500
m
LACANA
CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION
CANADIAN MINERALS JOINT VENTURE
KENA PROPERTY
CLAIMS
BJ
1:50,000
Nov, 1995
82 F/6
3

Claims Cont'd

Claim Name	Record No.	No. of Units	Expiry Date
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 autoclastic 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 prominant 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 volcaniclastics & 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.

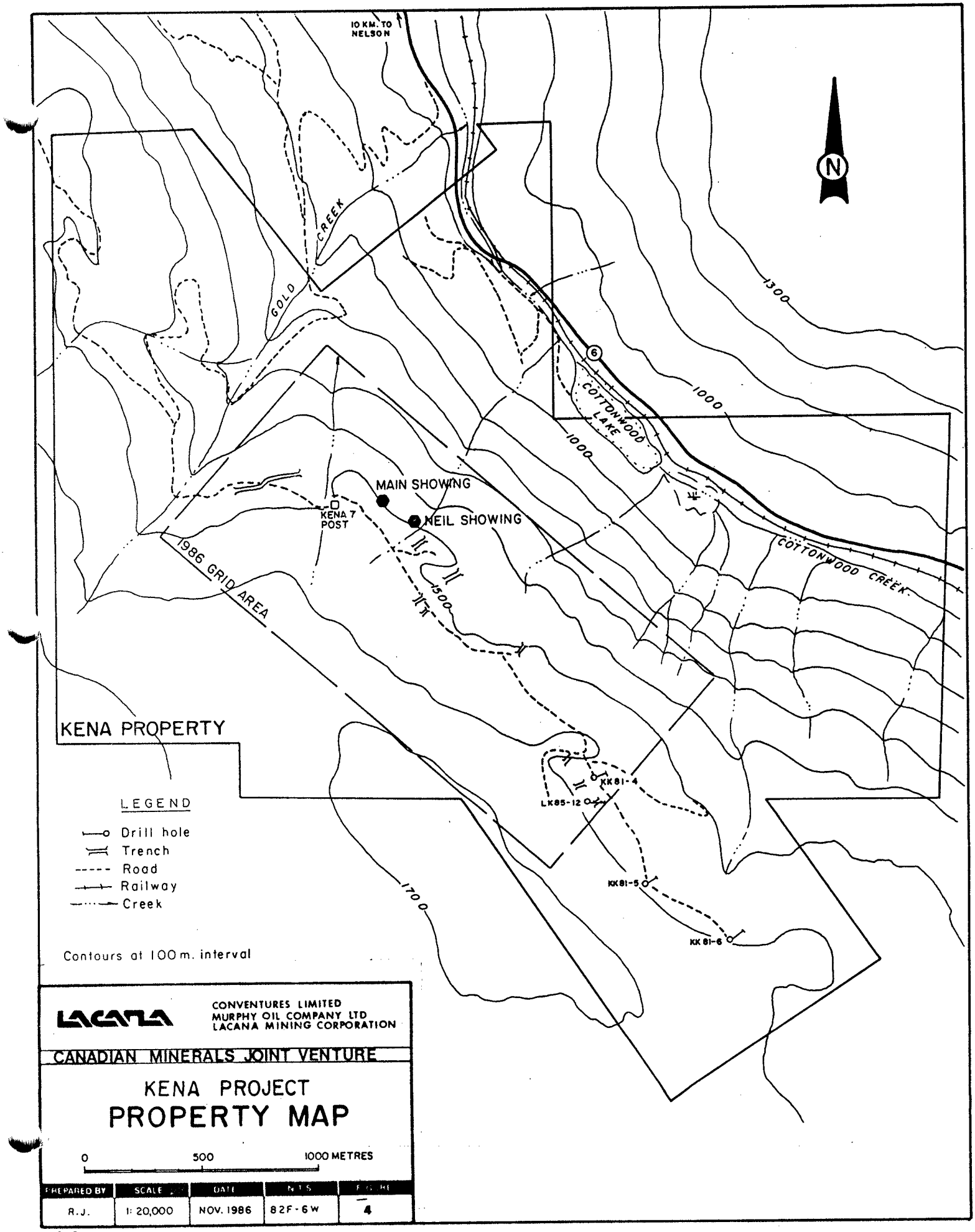
On surface at the Main and Neil Showings, these zones appear as silicified and sericitized andesites with irregular veins and pods of massive pyrite. The Neil Showing also holds small discontinuous pods of oxidized, boxwork material which assayed 4.4 and 7.8 opt Au.

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.


10 KM. TO NELSON
GOLD CREEK
1300
1000
1000
COTTONWOOD LAKE
6
MAIN SHOWING
KENA 7 POST
NEIL SHOWING
1986 GRID AREA
1500
COTTONWOOD CREEK
KENA PROPERTY
KK81-4
LK85-12
KK81-5
KK81-6
1700
N
LEGEND
Drill hole
Trench
Road
Railway
Creek
Contours at 100 m. interval
LACANA
CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION
CANADIAN MINERALS JOINT VENTURE
KENA PROJECT
PROPERTY MAP
0
500
1000 METRES
PREPARED BY
SCALE
DATE
N.T.S.
FIG. NO.
R.J.
1: 20,000
NOV. 1986
82F-6W
4

CHONG

SUMMARY OF 1986 WORK

Linecutting

The initial stage of work was the cutting of 19.55 km of grid extending northeast and southwest from the area of the 1985 work. A 1.9 km baseline was put in at 50+00W with 50 m crosslines from 53N to 39N, and 100 m line spacing to 34N. The grid extended from 54W to 47W, though steep slopes at the extreme east side of the grid prevented 5.45 km of line from being put in.

Geophysics

From March 20 - 25, a ground geophysical survey was carried out over the grid, consisting of 15.975 km of magnetics and 12.450 km of EM-16 VLF. MPH Consulting Ltd. supplied the geophysical equipment and a technician, Austin O'Hara, for the magnetic survey. The VLF survey was conducted by Lacana staff. All data handling and interpretation was by Lacana.

Magnetometer Survey

(i) Instruments

An EDA PPM 400 OMNIMAG was used as a field intrument for this survey (Specifications in Appendix II). This instrument is usually used as an automatic recording base station but can be used as a sensitive field instrument with a harness. Total field readings taken during this survey were stored in memory then retrieved in hard copy (tape) at the end of each day using the PPM 400 in combination with an EDA DCU-400 printer.

(ii) Procedure

Readings were taken every 8.3 metres on the grid. In the absence of a base station the survey was run in a series of loops with numerous tie-ins. The maximum diurnal variation on any of these loops was 8 gammas, the normal range was 0 to 5 gammas.

It was determined early on in the survey that reading errors were very easily made on slopes greater than 45^{o}. At 55^{o} shifting the head of the sensor by a few inches would give up to 30 gammas variation in reading. In order to maintain reliable data slopes greater than 45^{o} were not run.

VLF Electromagnetic Survey

(i) Instrument

This survey was conducted with a Geonics EM-16 electromagnetic unit. This instrument is a receiver which utilizes the primary electromagnetic fields generated by VLF marine communication stations. These stations operate at a frequency between 15 and 25 KHz and have a vertical antenna current resulting in a horizontal primary field. The VLF instrument measures the dip angle of the secondary field induced in a conductor.

The EM-16 unit also allows direct measurement in percent of the out-of-phase component of the secondary field. The out-of-phase measurement is sensitive to a lower order of conductivity than the dip angle measurement and is used for weak conductors.

For maximum coupling a transmitter station located in the same direction as the regional strike is selected since the direction of the horizontal electromagnetic field is perpendicular to the direction of the transmitting station.

(ii) Survey Procedure

A transmitter station to the southeast or northwest would have been ideal for the survey unfortunately there is none. Seattle, Washington (NLK) (24.8 KHz) was chosen (45^{o} to survey lines) because it had been used with moderate success by the airborne VLF survey in 1984.

Readings were taken at 25 metre intervals over much of the grid, using 100 metre spaced lines. In areas of interest the 50 metre lines were also run to improve the definition of anomalies.

Results and Interpretations

The VLF data has been filtered and contoured using the Fraser method (Geophysics, Vol. 34, No. 6, December 1969, Pg 958-967) in Figure 4. Using this method cross-overs and inflections are transformed into peaks to yield contourable data. The magnetic readings are plotted in Figure 1 and contoured in Figure 1 (57,000 gammas = 1000).

Over 3000 gammas magnetic relief occurs within the grid area and hence the magnetic data is contoured using 100 gamma intervals in Figure 3. The strong, linear, magnetic trends across the grid indicate that the volcanic stratigraphy has westerly (Az 120) strike in the north. To the south the strike is more northerly (Az 140) the inflection occurring around grid 49+00N.

The ground geophysics generally confirmed the results of the 1984 Dighem survey. A number of magnetic highs and lows were obtained which turned out to be of lithologic value as most rock types appear to be variably magnetic. The survey did reveal useful structural information, including sinstral movement on some E-W trending fracture zones.

The VLF survey revealed a number of weak conductors which generally coincide with the topographic lows. Though outcrop exposure is poor, the strike-slip movement along these appears to be neglible.

Geochemistry

In June and July, the grid was completed to 47+00W and soil sampled. A total of 885 "B horizon" soils were sampled and run for Au, with 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 7 lines (152 samples) 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). Multi-element analyses are given in Appendix IV.

Mapping and Lithogeochemistry

During June and July a mapping and lithogeochemistry program 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 area.

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 0.4 m 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.

Some 182 samples were taken during 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. Multi-element analyses are given in Appendix V.

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 9.03 m, including 1.5 m 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 50 m 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 in the "Y-Zone" a coincident Au in-soil-VLF anomaly that occurs between 45+50N and 44+30N as 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 lithogeochem 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-Addision 1981 drilling is stored in racks 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 lithogeochemical 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.

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APPENDIX I

BREAKDOWN OF COSTS

Linecutting 19.55 km		5,865.00	
+ company supervision extras		690.00	$6,555.00
Geophysics			
Ground Magnetics	15.975 km(contract)	2,669.80	
	12.450 km (company)	3,000.20*	5,670.00
*(includes report preparation)			
Geochemical			
Soil 885			
Rock 180			
(includes wages, shipping)			8,901.00
Diamond Drilling			
3,129 m @ $52.50		165,175.00	
Company costs; splitting assaying		24,189.00	189,364.00
		Total Costs	$210,490.00

APPENDIX II

GEOPHYSICAL INSTRUMENT SPECIFICATIONS

1) ELECTROMAGNETOMETER

Instrument Make: Geonics VLF-EM, Ronka EM 16

Sensitivity: Inphase ± 150% or ± 40%
Quad-phase ± 40%

Resolution: ± 1%

Operating frequency: 15-25 KHz

2) MAGNETOMETER

a) Type: Proton Magnetometer

b) Make: EDA PPM 400 OMNIMAG Base Station

Measurement: vertical magnetic field

Dynamic range: 18,000 to 93,000 ɣ

Processing sensitivity: ± 0.02 ɣ (total field)

Statistical error: 0.01 ɣ

Mathematic truncation: ± 0.03 ɣ

Absolute accuracey: ± 15 ppm at 23°C. 50 ppm over operating temperature range

Display resolution: 0.1 ɣ

Automatic tuning: ± 15% of last stored total field value.

Tuning Method: Keyboard entry provides tuning increments of 1000 ɣ from 18,000 to 93,000 ɣ . Microprocessor calculates precise tuning frequency.

Tracking range: 18,000 to 93,000 ɣ

Tuning Mechanism: Sensor is tuned under microprocessor control, using a specially developed tuning algorithm.

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 $Hcl-HNO_3-H_2O$ 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 at silver bead. The silver beads are dissolved and Au is determined in solution by Graphite Furnace Atomic Absorption.

APPENDIX IV

SOIL GEOCHEMICAL MULTI-ELEMENT ANALYSES

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.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 5 1986 DATE REPORT MAILED: June 11/86 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

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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	Au* PPB
53+00N 54+00W	1	66	22	83	.5	11	11	719	3.66	8	5	ND	2	23	1	2	3	66	.18	.05	7	23	.66	63	.13	4	2.59	.01	.08	1	60
53+00N 53+75W	1	61	21	165	1.2	12	12	1372	3.44	12	5	ND	2	24	1	2	2	62	.20	.10	10	22	.72	135	.11	4	2.05	.01	.13	1	90
53+00N 53+50W	1	68	22	110	2.4	11	10	1134	3.31	5	5	ND	2	24	1	2	2	56	.17	.05	12	18	.40	105	.13	3	1.62	.01	.08	1	34
53+00N 53+25W	1	65	22	101	1.5	12	10	726	4.08	11	6	ND	2	28	1	2	3	68	.27	.07	9	19	.52	77	.14	3	1.89	.01	.08	2	75
53+00N 53+00W	4	474	29	365	2.1	12	20	4173	4.73	11	5	2	2	67	2	4	2	75	.79	.15	16	17	.85	143	.14	4	2.40	.01	.12	1	570
53+00N 52+75W	1	143	16	343	.7	21	17	1002	4.52	9	5	ND	3	45	1	2	2	72	.60	.10	13	26	1.00	79	.10	3	2.37	.02	.10	1	125
53+00N 52+50W	1	74	19	231	1.2	14	14	880	4.03	11	5	ND	4	27	1	3	2	73	.31	.06	9	25	.75	121	.17	4	2.74	.01	.08	1	34
53+00N 52+25W	1	213	16	219	1.1	20	33	3468	6.54	13	5	ND	3	43	2	6	2	130	.70	.12	11	27	1.50	179	.16	2	2.89	.01	.25	1	28
53+00N 52+00W	1	88	12	112	.4	15	15	795	4.00	15	5	ND	4	35	1	4	4	81	.44	.07	9	28	1.06	110	.13	3	2.21	.01	.15	2	38
53+00N 51+75W	1	62	22	199	1.0	15	19	2546	4.39	8	5	ND	2	31	1	4	2	90	.28	.12	6	27	.93	262	.13	3	2.05	.01	.10	4	32
53+00N 51+50W	1	90	20	200	.7	18	18	2008	4.77	7	5	ND	1	40	1	7	2	96	.48	.10	10	40	1.27	117	.14	3	2.38	.02	.10	1	19
53+00N 51+25W	1	89	21	261	1.4	15	15	1315	4.33	8	5	ND	4	19	1	2	4	77	.17	.17	7	27	.81	147	.17	4	2.87	.01	.08	1	21
53+00N 51+00W	1	74	18	166	.8	15	16	1454	4.06	17	5	ND	2	25	1	2	2	69	.33	.07	7	18	.72	121	.15	4	2.25	.01	.11	1	39
53+00N 50+75W	1	258	17	201	.8	19	19	1575	4.18	43	5	ND	1	43	2	2	2	67	.63	.12	12	18	.84	96	.09	4	1.83	.02	.14	1	205
53+00N 50+50W	1	123	18	213	.6	15	15	1048	5.43	21	5	ND	2	24	1	2	3	98	.23	.12	6	21	.88	94	.18	2	1.96	.01	.11	1	80
53+00N 50+25W	1	117	27	223	1.0	16	19	1877	5.03	26	5	ND	3	25	1	2	2	89	.31	.11	6	20	.95	162	.18	3	2.36	.01	.10	1	70
53+00N 50+00W	1	63	24	105	.8	10	11	862	5.12	9	5	ND	2	22	1	2	2	91	.18	.07	11	19	.59	78	.16	5	1.79	.01	.11	1	25
53+00N 49+75W	2	172	31	286	2.4	12	15	1718	4.73	16	5	ND	3	18	1	2	2	86	.14	.09	8	30	.82	123	.19	3	2.75	.01	.09	1	165
53+00N 49+50W	3	199	105	624	1.1	9	15	1060	3.99	20	5	ND	4	14	2	2	2	59	.11	.10	11	16	.65	77	.16	4	3.94	.02	.11	1	75
53+00N 49+25W	5	254	35	503	.8	20	25	2628	6.36	22	5	ND	2	49	2	10	2	119	.55	.10	12	41	1.72	195	.20	2	2.53	.01	.29	1	140
53+00N 49+00W	1	58	18	266	.6	13	14	1605	4.35	11	5	ND	3	18	1	3	3	87	.19	.10	5	23	.93	175	.20	3	2.89	.01	.10	1	14
53+00N 48+75W	1	94	11	170	.4	14	14	1780	4.19	9	5	ND	4	20	1	2	2	77	.18	.19	8	22	1.00	131	.16	3	3.04	.02	.09	1	9
53+00N 48+50W	2	77	35	283	.5	20	17	1286	5.44	15	5	ND	3	24	1	3	2	116	.22	.19	5	58	1.35	191	.21	2	2.84	.02	.10	1	2
53+00N 48+25W	1	58	26	228	.7	15	15	1566	4.02	12	7	ND	5	19	1	3	4	65	.15	.12	8	22	.66	134	.15	4	3.04	.02	.08	1	4
53+00N 48+00W	2	74	43	447	.5	17	23	1655	7.22	13	5	ND	2	26	2	6	4	132	.19	.09	6	31	1.40	153	.22	2	2.59	.01	.07	1	8
53+00N 47+75W	1	152	26	322	.5	24	26	2360	6.87	16	5	ND	4	29	1	7	2	159	.30	.11	9	27	2.26	350	.26	2	3.86	.02	.42	1	2
53+00N 47+50W	1	49	23	143	.7	13	12	621	4.26	8	5	ND	4	15	1	2	2	78	.11	.12	8	25	.69	91	.15	4	2.86	.02	.07	1	7
53+00N 47+25W	1	84	19	236	.2	16	17	1117	5.89	12	5	ND	3	24	1	3	3	122	.19	.14	6	27	1.37	172	.22	3	3.07	.02	.12	1	8
53+00N 47+00W	1	174	13	168	.2	16	33	1936	7.68	11	5	ND	3	23	1	4	2	188	.17	.08	4	22	2.02	182	.28	2	3.31	.02	.24	1	3
49+00N 54+00W	1	22	23	32	.2	6	3	142	3.42	8	5	ND	4	8	1	2	4	49	.04	.07	6	11	.14	44	.15	3	3.35	.02	.03	1	4
RE 53+00N 50+00W	1	59	22	100	.9	10	10	823	4.89	11	6	ND	2	21	1	2	3	87	.17	.06	9	19	.56	73	.15	3	1.69	.02	.10	1	24
49+00N 53+75W	1	47	21	75	.1	9	7	428	3.60	3	5	ND	3	17	1	2	2	66	.11	.12	7	19	.61	61	.12	4	2.18	.01	.07	1	27
49+00N 53+50W	1	26	25	70	.3	9	7	1366	3.47	8	5	ND	1	23	1	2	2	54	.16	.21	6	17	.32	72	.08	4	1.55	.01	.05	1	23
49+00N 53+25W	1	51	19	97	.1	11	7	585	3.83	9	5	ND	4	14	1	2	2	70	.08	.17	8	21	.56	70	.15	3	2.92	.02	.06	1	28
49+00N 53+00W	1	79	16	82	.1	10	10	472	3.87	12	5	ND	3	16	1	2	2	67	.16	.15	10	20	.68	51	.12	4	2.47	.01	.07	2	90
49+00N 52+75W	1	36	17	53	.5	8	6	429	2.77	7	5	ND	3	10	1	2	2	48	.07	.12	7	13	.29	46	.16	2	2.22	.01	.03	1	14
49+00N 52+50W	1	68	17	99	.5	20	13	836	3.76	8	5	ND	2	20	1	2	3	65	.15	.17	6	32	.73	75	.13	3	2.97	.02	.06	1	13
STD C/[redacted]5	21	62	40	135	7.0	69	29	1225	3.98	43	19	8	37	51	19	16	19	64	.46	.11	39	64	.89	192	.09	37	1.73	.06	.12	13	500

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
49+00N 52+25W	1	37	29	154	.7	9	8	636	3.52	4	5	ND	3	11	1	2	2	50	.08	.16	6	18	.43	52	.13	4	3.69	.01	.05	1	10
49+00N 52+00W	3	186	28	194	.8	16	27	1464	8.47	18	5	ND	2	12	1	2	2	67	.05	.14	10	35	.82	108	.06	4	2.63	.01	.06	1	22
49+00N 51+75W	1	48	20	184	1.3	12	12	884	4.11	2	5	ND	3	14	1	2	2	68	.08	.12	5	25	.59	128	.17	5	3.16	.01	.06	1	3
49+00N 51+50W	1	108	20	159	.5	23	20	667	5.55	2	5	ND	2	34	1	2	2	143	.30	.11	4	55	2.04	111	.29	4	2.62	.01	.10	1	5
49+00N 51+25W	1	68	21	180	.6	16	17	1138	4.96	3	5	ND	2	26	1	3	2	117	.19	.08	5	29	1.31	139	.25	5	2.54	.01	.05	1	37
49+00N 51+00W	1	124	23	186	.9	18	22	2276	5.52	6	5	ND	1	24	1	5	2	107	.17	.09	7	31	1.20	164	.18	5	2.45	.01	.06	1	43
49+00N 50+75W	1	52	17	107	1.0	12	12	759	4.07	5	5	ND	2	21	1	3	2	74	.15	.12	7	21	.84	103	.17	3	3.00	.01	.07	1	41
49+00N 50+50W	1	59	19	122	.3	9	11	1159	3.29	6	5	ND	2	21	1	2	2	60	.14	.11	7	17	.64	109	.11	3	1.77	.01	.07	1	190
49+00N 50+25W	1	43	29	86	.4	10	8	1181	3.21	6	5	ND	2	13	1	3	2	53	.16	.13	5	21	.54	83	.14	4	2.27	.01	.06	1	80
49+00N 50+00W	1	64	17	100	.2	12	9	692	3.34	3	5	ND	3	17	1	3	2	60	.13	.13	8	21	.79	68	.17	3	2.96	.01	.12	1	21
49+00N 49+75W	1	26	23	121	.1	20	9	4985	3.57	2	5	ND	1	30	1	2	2	69	.41	.09	4	47	1.77	180	.19	4	2.05	.01	.23	1	65
49+00N 49+50W	1	30	15	103	.5	17	13	810	4.50	2	5	ND	1	22	1	2	3	69	.20	.12	5	36	1.29	75	.20	5	2.71	.01	.13	1	95
49+00N 49+25W	1	161	21	163	.7	16	20	1320	3.81	3	5	ND	3	17	1	5	2	76	.11	.15	7	33	.84	118	.21	4	3.71	.02	.11	1	36
49+00N 49+00W	1	113	21	195	1.2	11	12	1041	3.64	3	6	ND	3	14	1	3	2	68	.08	.08	6	25	.51	104	.20	4	2.91	.01	.05	1	145
48+50N 54+00W	1	29	38	104	.2	8	9	4141	2.88	4	5	ND	1	29	1	3	2	54	.26	.10	10	14	.34	174	.09	3	1.25	.01	.08	1	7
48+50N 53+75W	1	66	18	115	.2	14	13	1110	4.91	5	5	ND	2	31	1	2	2	114	.22	.12	12	23	1.40	183	.18	5	2.53	.02	.22	1	14
48+50N 53+50W	1	57	19	100	.3	13	9	582	3.48	4	5	ND	4	16	1	2	3	64	.11	.12	12	22	.65	54	.15	4	3.38	.01	.07	1	55
48+50N 53+25W	1	46	13	34	1.4	6	4	844	1.37	2	5	ND	1	28	1	2	2	16	.34	.16	24	9	.08	37	.07	2	2.77	.02	.02	1	43
48+50N 53+00W	1	74	16	70	1.2	8	7	1650	2.03	2	5	ND	1	57	1	2	2	33	.67	.11	24	15	.30	58	.06	2	2.26	.01	.03	1	14
48+50N 52+75W	1	59	27	237	.4	22	13	1468	3.72	6	5	ND	3	23	2	4	2	79	.25	.05	9	43	.90	64	.16	4	2.18	.01	.05	1	6
48+50N 52+50W	1	77	18	124	.3	12	13	485	3.31	3	5	ND	4	20	1	2	2	63	.17	.06	9	22	.72	62	.13	3	2.47	.01	.06	1	190
48+50N 52+25W	1	205	53	776	.8	17	22	1393	4.87	5	5	ND	4	36	1	2	2	106	.22	.11	9	32	1.72	159	.24	5	3.14	.01	.35	1	23
48+50N 52+00W	1	61	20	158	.2	11	11	872	3.59	2	5	ND	4	17	1	2	2	71	.10	.09	8	23	.73	73	.18	3	2.40	.01	.06	1	25
48+50N 51+75W	1	79	36	148	.9	16	15	1128	4.15	4	5	ND	2	26	1	4	2	93	.23	.07	7	36	1.10	93	.18	5	2.24	.01	.07	1	7
48+50N 51+50W	1	106	29	139	1.0	15	14	1643	3.63	2	5	ND	2	31	1	4	2	76	.31	.07	15	24	.78	90	.15	4	2.67	.02	.06	1	11
48+50N 51+25W	1	46	18	80	.7	11	16	385	5.16	4	5	ND	3	16	1	6	2	66	.10	.14	10	17	.51	124	.13	5	3.24	.02	.05	1	19
48+50N 51+00W	2	103	21	101	1.3	12	16	750	5.63	3	5	ND	3	15	1	2	2	78	.06	.19	10	18	.78	97	.11	5	3.16	.01	.07	1	38
48+50N 50+75W	1	24	18	65	.5	8	6	1068	5.02	3	5	ND	2	30	1	2	2	119	.13	.11	5	20	1.10	172	.24	5	1.78	.01	.09	1	44
48+50N 50+50W	1	41	16	76	.2	10	9	585	3.99	5	5	ND	3	16	1	2	2	68	.10	.17	4	20	.51	83	.18	4	2.82	.01	.05	1	21
48+50N 50+25W	1	21	15	89	.2	10	9	488	4.16	2	5	ND	2	19	1	2	2	66	.16	.17	4	23	.81	63	.21	3	2.54	.01	.07	1	8
48+50N 50+00W	1	85	25	162	.3	13	13	1137	4.62	5	5	ND	3	20	1	2	2	94	.14	.17	8	26	1.15	115	.18	4	3.29	.01	.18	1	30
48+50N 49+75W	1	82	16	70	.2	22	15	975	4.82	4	5	ND	3	14	1	2	2	63	.24	.15	7	45	1.36	70	.15	5	2.61	.01	.19	1	205
48+50N 49+50W	1	58	15	95	.3	18	14	971	4.38	4	5	ND	2	20	1	2	2	71	.20	.08	6	38	1.06	76	.20	3	2.81	.01	.15	1	61
48+50N 49+25W	3	124	13	76	.9	8	6	444	5.74	10	5	ND	4	88	1	4	2	81	.11	.13	14	13	1.25	179	.23	4	2.72	.02	.35	1	410
48+50N 49+00W	1	211	15	103	1.0	18	17	790	6.39	9	5	ND	4	37	1	2	2	147	.16	.13	9	74	1.84	204	.25	4	3.33	.02	.55	1	275
44+00N 54+00W	1	61	21	134	.2	14	14	1383	4.02	2	5	ND	3	25	1	2	2	78	.22	.16	12	26	.92	119	.17	4	3.36	.01	.08	1	25
STD C/AU 0.5	21	62	41	136	7.1	69	29	1236	3.99	41	20	8	37	51	19	15	21	65	.46	.11	40	61	.88	183	.09	37	1.73	.06	.11	13	495

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
44+00N 53+75W	1	35	44	100	.4	8	8	652	5.54	19	5	ND	2	37	1	2	2	101	.42	.05	3	15	.74	166	.27	9	1.31	.01	.07	1	39
44+00N 53+50W	1	56	23	73	.6	9	8	438	3.87	2	5	ND	3	71	1	2	3	73	.76	.07	10	21	.57	84	.17	9	2.88	.01	.05	1	19
44+00N 53+25W	1	47	18	45	1.1	12	7	523	3.10	2	5	ND	1	55	1	2	2	48	.68	.07	6	20	.39	84	.11	7	2.18	.01	.04	1	39
44+00N 53+00W	1	66	46	137	.7	13	15	1589	4.11	6	6	ND	2	44	1	2	2	67	.54	.09	7	19	.77	147	.14	8	2.10	.01	.08	1	32
44+00N 52+75W	2	156	46	390	2.3	16	27	2868	6.40	9	5	ND	2	37	2	2	2	86	.37	.16	6	23	1.49	134	.17	8	2.64	.01	.10	1	145
44+00N 52+50W	1	157	40	393	.7	19	30	2621	7.49	9	5	ND	1	41	2	2	2	122	.34	.14	3	28	1.85	186	.18	7	2.52	.01	.17	1	19
44+00N 52+25W	1	226	52	610	1.1	21	32	2785	7.62	12	5	ND	2	61	3	2	2	116	.90	.15	8	20	2.24	144	.16	8	2.65	.01	.36	1	37
44+00N 52+00W	1	78	66	368	.4	12	20	2241	4.86	7	5	ND	2	29	2	2	2	91	.21	.13	5	18	1.20	126	.18	8	1.88	.01	.12	1	50
44+00N 51+75W	3	96	21	160	1.4	11	12	857	5.97	2	5	ND	3	38	1	2	2	94	.22	.17	3	21	1.25	158	.22	9	2.90	.01	.19	1	55
44+00N 51+50W	2	44	19	82	1.1	10	9	789	4.80	3	5	ND	2	52	1	2	2	81	.44	.18	4	19	.67	197	.17	9	1.81	.02	.12	1	31
44+00N 51+25W	3	71	9	44	.6	12	4	633	6.04	2	5	ND	2	120	1	4	2	144	.35	.13	6	22	2.62	181	.23	8	2.84	.02	.50	1	60
44+00N 51+00W	2	219	19	81	1.3	31	22	1000	4.42	2	8	ND	4	38	1	4	2	79	.62	.07	13	23	.97	89	.23	9	3.75	.03	.07	1	21
44+00N 50+75W	1	31	16	57	.5	7	6	428	2.34	3	5	ND	1	18	1	2	2	60	.18	.04	3	11	.30	90	.17	6	.96	.01	.04	1	43
44+00N 50+50W	1	62	17	71	1.0	9	5	363	5.41	2	5	ND	2	56	1	2	2	87	.14	.11	6	32	.73	209	.24	8	2.49	.02	.16	1	135
44+00N 50+25W	1	65	19	52	1.1	12	5	686	4.90	2	5	ND	2	39	1	2	2	86	.29	.19	6	25	.67	146	.18	9	2.47	.02	.11	1	125
44+00N 50+00W	1	926	27	34	.7	9	93	1066	.35	2	5	ND	1	16	1	3	3	6	.30	.16	15	5	.05	18	.01	4	3.22	.01	.02	1	8
44+00N 49+75W	1	37	26	39	.5	6	4	519	3.98	4	5	ND	2	28	1	2	2	83	.10	.07	4	14	.47	105	.26	8	1.18	.01	.10	1	5
44+00N 49+00W	5	337	24	90	.5	16	23	1566	6.18	2	5	ND	2	35	1	2	3	88	.50	.12	8	11	1.01	136	.21	8	2.27	.01	.12	1	135
STD C/AU-0.5	21	62	41	134	7.1	68	29	1217	3.97	36	19	8	37	50	19	16	21	64	.49	.11	39	61	.90	184	.09	36	1.72	.06	.12	12	505

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.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80 MESH AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 4 1986 DATE REPORT MAILED: June 11/86 ASSAYER.. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-0865

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au** PPB
40+00N 54+00W	1	69	11	56	.4	12	9	647	3.54	6	8	ND	1	26	1	2	2	61	.23	.20	7	17	.59	71	.11	5	1.24	.01	.09	1	16
40+00N 53+75W	1	88	9	71	.3	10	14	554	4.22	10	5	ND	2	22	1	2	2	71	.24	.16	10	17	.94	83	.14	3	2.88	.01	.11	1	20
40+00N 53+50W	1	179	22	61	.9	14	26	537	3.58	7	5	ND	1	17	1	2	2	56	.18	.06	8	14	.52	59	.14	6	1.72	.01	.06	1	24
40+00N 53+25W	1	41	10	41	1.7	10	6	323	3.57	2	5	ND	1	18	1	2	2	56	.10	.09	8	18	.35	79	.14	2	2.36	.01	.07	1	28
40+00N 53+00W	3	162	19	69	.9	14	28	883	3.92	6	5	ND	1	15	1	2	3	64	.15	.15	8	21	.66	61	.12	2	2.39	.01	.04	2	20
40+00N 52+75W	1	98	19	94	.4	12	19	1999	3.70	2	5	ND	1	56	2	2	2	61	.70	.10	11	14	.94	122	.09	2	2.14	.01	.06	1	28
40+00N 52+50W	1	119	12	101	.4	10	22	1371	4.35	5	6	ND	1	40	1	2	2	74	.46	.11	14	19	1.16	92	.12	3	2.65	.01	.08	1	25
40+00N 52+25W	1	102	20	97	.3	12	19	1333	4.22	6	5	ND	1	31	1	2	2	71	.37	.09	10	17	1.04	87	.13	4	2.49	.01	.08	1	40
40+00N 52+00W	1	101	12	93	.4	20	16	939	4.16	12	5	ND	1	24	1	2	2	69	.25	.11	12	26	1.05	73	.13	3	2.72	.01	.07	1	32
40+00N 51+75W	1	97	18	97	.5	28	21	1089	4.54	3	5	ND	3	24	2	2	6	75	.29	.27	13	47	1.11	104	.15	5	2.86	.01	.08	1	10
40+00N 51+50W	2	115	19	98	.9	16	28	945	4.34	2	5	ND	3	17	1	2	2	72	.17	.22	8	22	.67	73	.15	3	2.51	.01	.09	1	7
40+00N 51+25W	1	39	16	57	.6	9	10	628	3.30	3	5	ND	1	16	1	2	2	59	.13	.08	5	16	.50	77	.15	2	2.75	.02	.05	1	6
40+00N 51+00W	1	67	23	63	.4	7	15	740	4.53	7	5	ND	2	16	1	2	2	76	.12	.07	9	22	.60	51	.14	3	1.72	.01	.06	1	65
40+00N 50+75W	3	64	24	59	.4	18	11	613	5.67	7	5	ND	2	56	2	2	2	106	.11	.10	14	56	1.57	163	.20	2	2.67	.01	.20	1	15
40+00N 50+50W	4	201	21	32	.5	16	18	551	10.41	10	5	ND	2	78	1	6	2	128	.10	.23	16	47	2.04	115	.23	6	2.59	.02	.34	1	90
40+00N 50+25W	5	83	20	39	.7	9	10	456	6.19	3	5	ND	2	65	2	2	2	94	.15	.15	11	23	1.41	110	.23	2	2.12	.02	.43	5	75
40+00N 50+00W	2	136	23	63	2.1	9	15	558	8.99	6	5	ND	4	23	2	2	2	59	.07	.32	21	20	.43	148	.16	2	2.67	.01	.10	1	46
40+00N 49+75W	12	1081	10	58	1.3	9	19	803	6.89	7	5	ND	1	15	2	2	2	169	.26	.16	17	15	1.81	79	.27	5	2.48	.01	.31	1	180
40+00N 49+50W	3	206	42	84	1.0	14	20	573	6.18	9	5	ND	2	27	2	2	2	85	.11	.15	13	22	1.25	97	.18	2	2.89	.01	.10	1	125
STD C/FA-AU	21	57	37	135	7.0	76	30	1178	3.96	41	19	8	35	50	20	15	18	61	.48	.11	40	59	.85	188	.08	38	1.71	.06	.12	13	51

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
50+00N 54+00W	1	27	34	54	.6	7	5	202	3.68	10	5	ND	3	11	1	3	2	72	.06	.09	12	18	.34	52	.16	4	2.69	.03	.05	2	18
50+00N 53+75W	1	29	29	40	.3	7	4	251	2.61	5	5	ND	2	13	1	2	2	48	.08	.06	12	11	.21	73	.11	3	1.34	.01	.03	3	55
50+00N 53+25W	1	28	25	70	.4	11	5	309	4.15	11	5	ND	3	12	1	2	3	64	.06	.20	13	22	.34	60	.14	4	2.95	.01	.04	1	70
50+00N 53+00W	1	24	27	74	.4	11	6	826	3.45	7	5	ND	2	12	1	2	3	68	.06	.11	12	18	.33	89	.16	3	1.93	.02	.04	1	26
50+00N 52+75W	1	82	44	144	1.4	12	16	1944	3.30	9	5	ND	3	21	1	2	2	58	.21	.12	22	19	.58	79	.11	4	3.54	.01	.04	1	36
50+00N 52+50W	1	195	107	188	.8	14	32	2764	8.39	30	5	ND	3	15	1	3	2	61	.12	.13	23	13	.75	108	.11	8	2.53	.01	.04	1	70
50+00N 52+25W	1	103	32	281	1.2	18	19	1796	4.75	8	5	ND	3	35	2	2	2	93	.42	.09	16	23	1.17	108	.19	4	2.96	.01	.05	1	14
50+00N 52+00W	1	108	25	213	.8	18	24	2891	5.41	9	5	ND	2	31	2	2	2	96	.36	.11	14	24	1.56	140	.16	5	2.34	.01	.09	1	35
50+00N 51+75W	2	349	33	252	.4	16	23	2069	10.77	15	5	ND	2	42	1	2	2	128	.35	.27	14	21	2.24	167	.19	12	2.78	.02	.32	1	150
50+00N 51+50W	1	79	34	304	.4	16	19	1710	5.51	12	5	ND	1	32	2	3	2	94	.39	.08	12	22	1.07	166	.20	5	1.96	.02	.08	1	4
50+00N 51+25W	1	84	31	199	.7	24	23	2106	5.87	10	5	ND	1	36	1	2	2	159	.42	.17	9	45	2.35	227	.26	3	2.47	.01	.40	1	10
50+00N 51+00W	1	66	21	132	.7	27	10	1352	3.27	3	5	ND	1	40	1	2	2	77	.40	.09	9	58	1.09	208	.14	2	1.47	.02	.15	1	13
50+00N 50+75W	2	80	28	149	.7	24	19	2314	6.71	7	5	ND	3	51	1	2	2	88	.33	.21	26	35	1.09	293	.10	6	1.71	.02	.10	1	100
50+00N 50+50W	2	391	30	201	1.4	67	23	2098	4.25	7	5	ND	2	71	2	4	2	64	.91	.12	22	21	.91	118	.12	4	2.58	.03	.11	1	210
50+00N 50+25W	1	90	24	138	.4	19	16	1552	4.41	7	5	ND	2	36	1	3	2	74	.55	.05	14	29	.91	63	.13	2	2.13	.02	.10	1	50
50+00N 50+00W	2	38	68	182	.3	11	10	4026	2.74	14	5	ND	1	31	2	4	2	56	.51	.11	10	14	.59	185	.11	3	1.68	.02	.11	1	25
50+00N 49+50W	4	72	59	289	.7	6	9	1120	5.96	28	5	ND	4	22	1	2	2	86	.13	.14	15	11	1.00	181	.26	4	2.00	.02	.16	1	90
50+00N 49+25W	4	164	145	515	1.6	14	15	1184	5.40	12	5	ND	4	14	1	4	2	86	.11	.13	13	27	.90	123	.27	5	3.04	.02	.16	1	130
50+00N 49+00W	4	124	75	377	.5	9	9	644	4.52	16	5	ND	2	17	1	2	3	94	.09	.07	12	26	.68	101	.22	3	1.56	.02	.09	1	240
50+00N 48+75W	3	120	42	218	.6	5	11	1104	5.55	27	5	ND	4	16	1	4	2	80	.06	.09	17	5	.69	111	.21	3	1.51	.02	.12	1	160
50+00N 48+50W	3	140	24	152	.5	8	19	2002	6.61	6	5	ND	3	14	1	2	3	85	.11	.16	16	11	1.07	81	.25	2	2.29	.01	.13	1	220
50+00N 48+25W	1	148	16	213	.6	9	23	1540	5.53	11	5	ND	3	60	1	2	2	96	.55	.22	10	4	2.00	165	.28	3	2.72	.01	.49	1	35
50+00N 48+00W	3	111	27	167	.5	17	21	1581	6.03	9	5	ND	3	29	1	3	2	95	.24	.11	14	24	1.52	117	.22	3	3.03	.02	.21	1	45
50+00N 47+75W	1	83	38	241	.6	16	21	2785	5.65	4	5	ND	3	27	2	2	2	83	.25	.12	15	22	1.01	134	.15	2	2.97	.02	.14	1	10
50+00N 47+50W	1	75	59	312	.7	18	24	4029	5.91	18	5	ND	2	48	3	3	2	78	.56	.18	12	19	.83	229	.09	3	2.31	.02	.10	1	1
50+00N 47+25W	1	108	61	336	.8	24	29	3568	6.60	42	5	ND	2	47	3	3	2	86	.67	.25	13	23	1.31	209	.12	4	2.60	.01	.25	1	3
50+00N 47+00W	2	116	144	412	1.0	25	28	4173	6.02	41	5	ND	2	69	5	5	2	74	1.04	.27	15	21	1.23	310	.09	5	2.36	.01	.29	1	8
36+00N 53+75W	2	144	27	113	.6	15	15	1117	4.36	9	5	ND	4	18	1	2	2	75	.14	.15	12	20	1.02	101	.17	2	2.84	.02	.15	2	75
36+00N 53+50W	1	35	18	80	.2	12	10	523	4.73	5	5	ND	2	20	1	2	2	75	.12	.05	9	19	.89	83	.19	2	1.75	.01	.06	3	440
36+00N 53+25W	1	4	2	42	.1	1	1	24	.20	2	6	ND	1	69	1	2	2	2	1.36	.07	2	1	.02	29	.01	2	.10	.01	.01	1	1
36+00N 53+00W	1	12	90	93	.1	3	1	92	.24	8	5	ND	1	82	2	8	2	4	1.35	.11	2	3	.06	100	.01	5	.15	.01	.09	1	1
36+00N 52+75W	2	81	23	41	.6	8	5	275	4.33	3	6	ND	4	12	1	2	2	58	.04	.11	9	10	.24	53	.22	2	3.58	.01	.06	1	13
36+00N 52+50W	2	80	23	56	.7	10	7	440	3.65	4	5	ND	5	11	1	4	2	60	.05	.19	8	18	.31	64	.18	2	3.66	.02	.06	1	12
36+00N 52+25W	23	90	21	63	.8	8	8	366	3.60	8	5	ND	3	13	1	2	3	53	.06	.14	8	15	.27	68	.19	2	3.37	.02	.05	1	10
36+00N 52+00W	2	140	18	85	.6	11	9	420	3.40	4	5	ND	4	13	1	2	3	60	.09	.12	9	17	.50	64	.17	2	3.46	.01	.05	2	160
36+00N 51+75W	3	1259	23	64	.4	8	12	549	6.01	10	5	ND	4	19	1	2	2	106	.34	.25	15	14	1.45	58	.21	3	2.22	.01	.35	1	120
STD C/FA-AU	22	60	42	137	6.9	74	29	1246	4.00	39	21	8	37	51	19	15	22	65	.48	.11	41	62	.89	185	.09	40	1.73	.08	.11	13	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
36+00N 51+50W	7	1341	18	70	.7	8	13	514	5.80	5	5	ND	3	18	1	2	2	117	.35	.25	7	11	1.70	66	.23	2	2.50	.01	.26	1	64
36+00N 51+25W	3	578	14	59	.4	8	13	564	5.26	2	5	ND	3	19	1	5	2	118	.28	.18	9	13	1.64	63	.23	2	2.06	.01	.19	1	46
36+00N 51+00W	17	747	24	82	.4	6	13	431	6.70	7	6	ND	3	14	1	5	4	76	.14	.19	10	9	1.00	71	.16	2	1.74	.01	.11	1	54
36+00N 50+75W	17	814	18	104	.9	10	16	985	5.99	7	5	ND	5	20	1	4	2	90	.14	.22	11	17	1.22	105	.19	2	2.70	.01	.20	1	85
36+00N 50+50W	4	163	20	92	.8	9	9	667	4.49	8	5	ND	2	17	1	6	3	79	.12	.18	5	14	.56	107	.18	2	1.65	.01	.07	1	27
36+00N 50+25W	7	255	18	108	.6	12	10	490	5.40	7	5	ND	2	26	1	3	4	91	.17	.10	7	15	.82	106	.18	4	1.89	.02	.08	1	65
36+00N 50+00W	5	896	17	99	.8	51	39	818	4.81	4	5	ND	1	49	1	3	2	59	.57	.11	8	18	.87	69	.11	2	2.15	.02	.08	1	17
STD C/FA AU	22	62	40	142	7.0	76	29	1229	3.99	40	21	8	36	50	19	16	21	64	.48	.11	38	66	.89	189	.09	41	1.73	.06	.12	12	50

APPENDIX V

ROCK SAMPLE MULTI-ELEMENT ANALYSES

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-H20 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: ROCK CHIPS AU†† ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 2 1986 DATE REPORT MAILED: June 6/86 ASSAYER: Dabeyn ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-0849 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au†† PPB
M 1059	1	34	8	13	.1	13	21	511	8.36	14	8	ND	4	13	1	2	2	176	.31	.14	9	30	3.61	32	.28	10	2.36	.03	.53	1	38
M 1060	1	157	6	19	.3	11	18	395	6.16	8	5	ND	2	28	1	2	3	130	.44	.17	6	9	1.99	56	.28	6	1.82	.03	.55	1	70
M 1061	2	62	6	71	.1	6	21	1385	5.18	6	8	ND	2	53	1	2	2	140	3.88	.14	8	134	3.03	209	.24	9	2.77	.08	1.38	1	4
M 1062	16	170	2	26	.3	4	11	439	5.20	6	5	ND	4	22	1	2	2	54	.42	.14	10	9	1.31	98	.03	6	1.35	.01	.25	1	85
M 1063	5	205	2	26	.5	7	12	1357	4.28	5	5	ND	2	60	1	2	3	34	2.27	.11	6	2	.66	94	.01	3	.53	.03	.17	1	39
M 1064	5	150	4	21	.2	4	13	462	4.16	15	5	ND	2	102	1	2	2	78	.68	.18	8	7	1.54	58	.19	6	1.51	.04	.86	1	70
M 1065	2	139	15	79	.4	14	23	1612	5.49	6	17	ND	2	62	1	9	4	94	6.38	.24	9	25	1.64	135	.01	8	1.49	.03	.23	1	7
M 1066	3	164	7	131	.4	20	28	2057	7.13	116	13	ND	2	133	1	2	2	128	3.52	.14	3	30	2.93	74	.15	2	2.80	.01	.07	1	12
M 1067	1	33	2	45	.1	7	11	786	3.14	6	5	ND	1	67	1	2	2	70	.59	.14	6	12	1.19	73	.23	7	1.54	.08	.81	1	21
M 1068	2	32	11	41	.1	6	9	829	2.82	5	5	ND	1	23	1	2	2	45	.53	.12	5	3	1.00	63	.17	6	1.12	.03	.60	2	5
M 1086	5	112	11	261	1.5	16	31	2663	6.85	12	5	ND	2	117	2	2	3	130	4.79	.13	3	36	2.61	40	.17	4	2.22	.05	.43	1	135
STD C/FA-AU	21	59	41	146	7.2	71	31	1297	3.98	42	15	8	38	54	19	17	21	68	.45	.11	42	68	.87	183	.09	38	1.73	.08	.11	14	49

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,SN,Y,NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS

DATE RECEIVED: JUNE 28 1986 DATE REPORT MAILED: July 3/86 ASSAYER.. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-1207 PAGE 1A

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
358	3	218	6	41	.3	19	31	1207	6.58	10	5	ND	1	69	1	2	2	158	.96	.13	6	30	2.63	45	.30	2	2.56	.04	2.08	2
360	1	25	7	47	.1	12	18	945	3.83	8	5	ND	3	55	1	2	6	32	3.32	.12	13	9	.88	105	.01	13	1.20	.02	.57	2
361	3	1300	2	11	.7	4	5	282	1.46	3	5	ND	2	49	1	3	2	12	.68	.06	8	2	.17	45	.01	5	.20	.02	.17	1
362	1	44	2	3	.1	5	5	217	1.29	2	5	ND	3	42	1	2	2	3	.50	.04	15	5	.04	118	.01	2	.30	.03	.24	1
363	2	41	10	51	.1	21	23	1313	5.38	5	5	ND	2	146	1	2	2	131	4.79	.10	7	64	2.70	207	.19	4	2.19	.03	1.49	55
364	1	86	6	8	.1	20	34	491	6.51	27	5	ND	1	80	1	2	2	83	2.19	.13	7	16	.43	34	.25	3	.87	.02	.16	6
365	1	59	7	41	.1	18	34	1087	6.19	14	5	ND	1	35	1	2	2	115	1.27	.14	6	29	2.56	55	.21	4	2.41	.02	1.13	4
STD C/FA AU	21	56	36	130	7.0	66	29	1183	3.94	37	17	7	33	48	18	15	20	61	.48	.10	37	58	.88	181	.08	38	1.73	.06	.16	13

DATE RECEIVED: JULY 12 1986 DATE REPORT MAILED: July 16/86 ASSAYER.. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6101/6919 FILE # 86-1436 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
0461	1	3183	2	12	.6	5	6	311	1.68	2	5	ND	1	27	1	2	2	53	.44	.070	4	4	.65	35	.08	4	.67	.02	.36	1	44
0463	3	428	54	130	3.7	4	30	618	7.16	13	5	2	2	75	2	2	8	52	1.24	.122	5	2	.93	35	.09	2	1.00	.02	.82	1	2390
0464	4	30	110	19	.9	2	7	61	3.85	16	5	ND	2	53	1	2	2	32	.06	.092	5	5	.26	47	.02	7	.36	.06	.50	1	260
0465	24	44	74	12	11.0	1	6	43	6.27	33	5	108	2	36	1	2	36	17	.01	.097	6	3	.05	70	.01	3	.23	.02	.53	1	55000
0466	3	29	21	69	.2	15	11	154	4.72	7	5	ND	2	35	1	2	2	85	.27	.155	4	19	1.39	29	.06	4	1.01	.05	.89	1	130
0467	4	17	15	40	.3	16	6	173	2.85	5	5	ND	2	30	1	2	2	78	.42	.124	4	32	1.14	35	.05	5	.90	.04	.81	1	39
0468	3	31	37	10	.4	6	12	26	3.74	21	5	ND	1	25	1	2	2	20	.02	.044	2	4	.10	47	.01	5	.25	.03	.35	1	115
0469	2	16	6	57	.1	8	5	302	2.35	5	5	ND	3	36	1	2	2	98	.78	.150	4	13	2.15	35	.10	3	1.48	.05	1.38	1	22
STD C/AU-0.5	20	57	36	131	7.0	66	30	1068	3.97	43	19	8	34	48	17	15	18	63	.48	.107	37	59	.88	178	.08	37	1.72	.07	.14	15	495

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.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 SOILS -80 MESH P3-ROCKS AU## ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 20 1986 DATE REPORT MAILED: June 27/86 ASSAYER.. D. Toye DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-1092 PAGE 3

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au## PPB
0329	3	289	16	175	.6	5	20	1189	4.06	42	5	ND	5	23	1	2	2	23	.55	.11	5	3	.31	45	.04	3	.67	.03	.26	1	150
0330	2	129	53	406	1.3	5	7	772	1.40	4	5	ND	2	7	5	2	7	4	.10	.04	7	6	.03	33	.01	3	.21	.01	.10	1	24
0331	5	65	29	12	1.7	2	16	49	5.26	13	5	ND	3	14	1	4	2	5	.02	.07	6	2	.02	22	.01	2	.22	.01	.13	1	65
0332	1	74	7	115	.1	14	21	1588	5.60	8	7	ND	3	139	1	2	3	78	4.44	.12	11	22	2.76	81	.11	2	2.73	.01	.44	1	3
0333	4	613	14	124	.7	1	14	1010	4.45	5	5	ND	4	28	1	2	2	54	.59	.10	11	1	.81	92	.13	2	1.25	.03	.60	1	195
0334	3	865	5	127	2.0	13	11	1100	4.04	9	5	ND	5	44	1	2	2	45	.91	.10	12	2	.77	96	.16	2	1.26	.03	.69	1	280
0335	2	171	13	99	.6	5	25	1152	4.42	8	5	ND	3	25	1	2	2	25	.49	.12	10	2	.38	58	.01	2	.75	.03	.18	1	53
0336	1	55	5	22	.2	4	6	224	1.29	3	5	ND	2	4	1	3	2	2	.04	.01	22	5	.02	21	.01	3	.12	.01	.06	1	35
0337	2	172	23	124	.7	2	15	2229	5.93	10	12	ND	5	262	1	11	6	17	7.57	.08	13	2	.97	73	.01	2	.25	.02	.10	1	48
0338	1	304	13	139	.1	10	30	1458	6.40	5	5	ND	2	93	1	2	3	163	2.54	.12	12	18	3.34	87	.20	2	3.08	.02	.34	1	3
0339	1	296	2	170	.4	6	23	1513	5.63	8	5	ND	3	41	1	2	2	71	.70	.15	18	4	1.43	135	.23	2	1.96	.02	1.01	1	315
0340	1	518	12	118	1.7	4	29	1361	5.49	10	5	3	3	63	1	2	3	59	1.14	.15	15	4	1.18	129	.16	4	1.67	.03	.77	1	5160
0341	2	429	18	191	.8	5	27	1504	6.13	14	5	ND	3	26	1	2	2	51	.37	.15	19	5	.73	97	.06	2	1.35	.02	.34	1	155
0342	4	422	16	243	.8	4	30	1313	5.38	9	5	ND	5	20	1	2	2	21	.37	.12	14	2	.21	53	.03	2	.64	.02	.21	1	165
0343	3	468	12	128	.9	6	28	1102	4.60	10	5	ND	4	22	1	2	2	17	.47	.12	13	2	.11	55	.01	3	.48	.02	.17	1	220
0344	4	393	16	178	.7	5	22	787	4.78	10	5	ND	4	25	1	2	2	34	.30	.11	15	3	.34	49	.04	3	.79	.02	.24	1	350
0345	3	221	11	161	.6	3	19	1048	4.75	7	5	ND	3	17	1	2	2	20	.27	.10	13	1	.15	40	.01	2	.48	.02	.14	1	165
0346	2	469	11	141	5.0	2	20	343	6.73	10	5	29	2	92	1	2	17	25	.13	.09	9	1	.31	80	.08	2	.63	.01	.32	1	44500
0347	1	17	8	7	.7	1	1	47	.51	10	5	ND	1	6	1	3	3	1	.01	.01	2	4	.01	23	.01	2	.03	.01	.02	1	115
0348	4	1885	8	104	1.8	11	20	1131	8.30	9	5	ND	2	54	1	2	3	117	1.96	.11	13	17	1.25	112	.19	2	1.44	.03	.81	1	990
0349	2	350	3	138	1.0	4	21	1238	4.10	14	5	ND	3	61	1	2	2	48	1.38	.12	11	4	1.23	42	.15	2	1.39	.03	.74	1	135
1146	1	140	12	107	.3	3	18	1006	4.70	7	5	ND	2	52	1	2	2	41	1.41	.14	12	4	1.15	94	.17	2	1.58	.02	.79	1	330
1147	1	123	7	93	.1	14	24	1238	6.21	4	5	ND	2	61	1	2	7	65	1.37	.11	12	22	2.24	73	.02	2	2.37	.02	.11	1	6
1148	1	121	9	75	.1	3	13	1026	4.29	2	5	ND	1	69	1	2	2	61	1.71	.13	5	4	1.40	107	.22	2	1.84	.02	.99	1	38
1149	2	20	7	2	.4	2	1	14	.81	8	5	ND	1	4	1	3	3	2	.01	.03	5	1	.01	14	.01	3	.14	.01	.09	1	60
1150	1	74	2	61	.2	1	11	654	3.10	32	5	ND	3	16	1	2	2	20	.35	.09	2	1	.33	40	.04	2	.62	.02	.22	1	49
STD C/FA-AU	18	56	38	127	6.9	68	26	1053	3.89	36	15	7	29	42	15	15	19	53	.48	.09	39	57	.87	170	.07	39	1.73	.07	.09	13	51

APPENDIX VI

DRILL LOGS - LK-86-20 to LK-86-41

Property: KENA Location Down Hole Surveys ACID ETCH Drilled By: R. BEAUPRE

Area (Map #): 82-F/6W Grid: 47+00N/49+27W Depth: Az: ° Dip: ° From-To: Aug 12-13, 1986

Claim #: 1515 m EL 76.2 ° -53 ° Size(s): NQ

M.D./County: NELSON Length: 144.47 (Units: m) 144.48 ° -52 ° Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 040 ° Dip Collar: -50 ° ° ° Signed: R.J. Johnston

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		-10.56	1.56		1.5	248
					03		-11.58	1.02		0.3	90
			Local mod sil'n Local rusty cc veinlets. >1% py 9.55 m 90°CA 1 cm wide FG py vein.		04	13.70	-15.26	1.56		1.6	890
					05		-16.01	0.75		0.4	135
			10.29 m Rusty broken core. Sharp 55°CA contact.		06		-16.20	0.19		1.6	505
					07		-17.74	1.54		0.5	235
10.56	13.70	Silver King Porph Dyke	Local milky wh qtz-carb stringers. 10.70 2 cm wide limonitic Fracture zone,	70°CA Tuff	08	20.68	-22.32	1.64		0.4	85
					09	24.47	-26.65	2.18		0.6	120
			11.20 " " " " 70°CA contact.		17010	38.25	-39.25	1.00		0.9	140
					11	46.03	-46.74	0.72		1.2	340
13.70	15.26	Sericitized Tuff	Lt gy, soft w/bl-gy ser alt felds. Some qtz-carb >1% py diss & stringers parallel to bedding.	70°CA Tuff	12	51.00	-53.03	2.03		0.7	840
					13		-54.01	0.98		1.5	285
			Gradational.		14		-56.12	2.11		0.4	155
					15		-56.93	0.81		0.5	300
15.26	17.74	Silicified And. Flow	Lt. by mass flow, locally sil'd & bx'd. 1-2% silver py. Abund wh ab(?) stringers.		16		-59.00	2.07		0.5	160
					17		-60.50	1.50		0.4	90

INTERVAL FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	TO	SAMPLE LENGTH m	ASSAYS 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	-68.00		1.50	.41		>1000
			veining. Minor sil'n Gradational contact		23	-69.66		1.66	.021		>1000
22.32-38.60		Lithic Tuff	Contains bk chl'd pyritic fragments stretched Local mass flow minor ser'n	80°CA	24	-72.46		2.80	.066		>1000
			24.47-26.65 Coarser flow sim to above. Partial sil'n , bx'n w/ 2% y py as matrix		25	-74.03		1.57	.204		>1000
			38,25-39.25 3 m qtz w/py veining Gradational contact.		26	-74.13		0.10	.203		>1000
38.60-41.60		Mass And. Flow	30% of section is tuff. 1% py minor qtz-carb veining. Gradationalcontact		27 28	-76.00 -77.05		1.87 1.05			340 505
41.60-51.00		Lithic Tuff	. . As above 45.12-45.82 partly sil'd & bx'd, minor py		29	77.41-79.43		2.02	.046		>1000
			46.64 irreg wh qtz-carb veining w/py cores. 46.03-46.23 minor sil'n & bx'n		30	-79.73		0.30	.445		>1000
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		31 32	-81.25 -83.00		1.52 1.75			545 710
			cm in matrix of y py & bk chl. 54.04-56.12 mod local sil'n w/bx'n 1-2% py		33	87.11-88.50		1.39			365
			56.12-56.93 intense sil'n w/ 40% py - 50°CA veining.		34	-89.05		0.55	.079		>1000
			56.93-58.0 poss diorite - v. sil'd, bx'd.		35	-91.00		1.95	.155		>1000

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au /T	ASSAYS Ag ppm	ASSAYS 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.		38	96.53	98.02	1.51			105
			5-10% py. Gradational contact.		39		99.00	0.98			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 50°CA py	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	80°CA			SLUDGES				
			minor sil'n	Tuff							
			74.03 3 cm of mass py w/ minor ser'n 70°CA			7.62	10.67	3.05			305
			76.20-76.30 Lt gy ser, milky qtz-carb veining				13.72	3.05			295
			Minor amethyst, red hem.				16.76	3.05			595
			77.05-77.41 sheared bk chl'd volcanoclastics				19.51	3.05			370
			sharp 70°CA contact				22.56	2.76			380
			79.43-79.73 pk alt intrusive qtz diorite, 1-2%				25.60	3.05			455
			py Sim to LK-85-14, 18				28.65	3.05			605
			Gradational				31.70	3.05			160
81.21	87.11	Mass And Flow	D gn weathered chloritic 1% Coarse silvery, py.				34.75	3.05			470
			Tr cp. Local fine qtz veining w/ py in top 1m.				37.80	3.05			220
			Local hem in fractures sharp 80°CA contact.				40.14	3.05			485
							43.89	3.05			315
87.11	96.53	Feldspar Crystal Tuff	Lt gy feld xtl tuff, calcareous Mod sil'n through	80°CA			46.94	3.05			735
			-out -1% FG homogenous diss y py, tr cp.	Tuff			49.99	3.05			660
			Local abund wh qtz-carb veins				53.04	3.05			>1000
			88.50-89.05 Pk alt brecciated qtz-dior.				56.08	3.05			630
			88.70-88.90 Breccia zone 0.3-1cm ang clasts of				59.13	3.05			590
			wh & pk intrusive(?) in mass silica matrix				62.18	3.05			>1000

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS 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-			62.18-65.23	3.05				910
						-68.28	3.05				>1000
			thermal biot?) minor hem ang blebs → 1cm of py w/ diss cp & sp			-71.32	3.05				>1000
						-74.37	3.05				>1000
			92.54-92.90 Bk chl'd sheared volcanoclastics 95.21-96.53 " " " "			-77.42	3.05				>1000
						-80.47	3.05				>1000
			sharp 70°CA contact.			-83.52	3.05				>1000
						-86.56	3.05				>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	3.05				>1000
						-92.66	3.05				>1000
98.02-132.53		Epidotized Flow	Lt gy fg mass flow w/abund ep-cc-py veins at various CA's.			-95.71	3.05				>1000
						-98.76	3.05				>1000
			107-132.53 augite porphyry w/1% py. Locally abund py stringers w/cc-hem.			-101.80	3.04				>1000
						-104.85	3.05				>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: KENA Location Down Hole Surveys Etch Drilled By: R. BEAUPRE

Area (Map #): 82-F/6W Grid: 47+00N/49 +27W Depth: Az: ° Dip: ° From-To: Aug 13, 14/86

Claim #: 1515 m El 114.91 ° -74 ° Size(s): NQ

M.D./County: NELSON Length: 114.91 (Units: m) ° ° Logged By: R.J. JOHNSTON

Province: B.C. Azimuth: 040 ° Dip Collar: -80 ° ° ° 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.		46	14.30	14.65	0.35			130
			4.27-4.70 Bk sheared chl'd volcaniclasts.		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,		58		82.50	2.18			315
			22.13 10 cm wide alt porphyry dyke SK?		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	85.16 -87.00	1.84	.032		>1000
				61	-89.08	2.08			250
		23.67-25.32 2 20 cm dior dykes-sil alt contacts 30°CA.		62	-89.95	0.87			450
				63	-91.87	1.92			165
26.50-31.22	Andesite Flow Tuff	Feld xtl tuff. V. vuggy, fractured broken 3-10%, coarse py.		64	-93.50	1.63	.086		>1000
				65	-95.11	1.61			60
		27.50 coarse granodiorite dyke.		66	-96.79	1.68			75
		29.50-31.0 v. incomp w/ vuggy qtz veins, 10%		67	-98.54	1.75			85
		silver weath. py.		68	-100.50	1.96			100
		Sharp contact.		69	-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	-102.60	0.27	.054		>1000
				71	-104.37	1.87			95
		Gradational			SLUDGES				
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	60°CA		-11.28	3.05			205
		47.50-48.50 Local bk chl'd sheared volcaniclastics	Tuff		-14.33	3.05			535
		60-63 mass flow beds.			-17.38	3.05			>1000
		Gradational.			-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

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS Au ppb
75.54	80.32	Silicified Tuff	Feld xlt tuff. Mod sil'n & bx'n 1% py. 75.54-75.81 Sil'd bx zone w/5% y py.		/	44.81	-47.85	3.05			120
							-50.90	3.05			115
			77.99-78.83 bx'd bl-gy silica 2% y py. 78.83-79.99 tuff, minor sil'n.				-53.95	3.05			150
							-57.00	3.05			30
			79.99-80.32 amethystine bx -1% py.				-60.05	3.05			110
							-63.09	3.05			500
80.32	85.16	Tuff	D. gy tuff w/local bk chl'd volcaniclastics 1% py Local minor sil - bx zone, py veins.				-66.14	3.05			305
							-69.19	3.05			↗1000
85.16	95.11	Silicified Tuff	40% of zone brecciated, 80% sil'd. 1% py Abund wh ab, qtz, cl stringers.				-72.24	3.05			470
							-75.29	3.05			280
			89.08-89.95 Diorite? v. sil'd, 2-3% y py. Brecciated contacts.				-78.33	3.05			235
							-81.38	3.05			500
			90.0-91.87 sheared tuff.				-84.43	3.05			205
							-87.48	3.05			↗1000
95.11	102.60	Dark Tuff	1-2% coarse py w/local 45°CA py veins. Local bx'n w/ minor sil'n.				-90.53	3.05			520
							-93.57	3.05			↗1000
			96.79-98.54 Mod. sil'n w/ 2% py - feld xtl tuff local 1 cm 45°CA y py veining.				-96.62	3.05			100
							-99.67	3.05			350
			102.33-102.60 10°CA 1 cm wh qtz vein w/py & cp 102.60-104.37 Minor cil'n w/patches of lt gn FG				-102.72	3.05			85
							-105.77	3.05			↗1000
			diss chl. - locally bx'd dk tuff w/ wh cc stringers 2-3% brassy py.				-108.81	3.05			315
							-111.86	3.05			640
102.60	110.39	Crackle Breccciated Tuff&Flow	Minor sil'n. Local 2% brassy py in stringers. Minor bk chl'd tuff.				-114.91	3.05			620
110.35	114.91	Epidotized Flow	D. gy flow w/ → 10% ep.								
			END OF HOLE								

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole # LK-86-22 Page 1 of 3

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: R. J. J.

Remarks:

INTERVAL m 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		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 cpsp 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 - 1cm 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	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS Au ppb
11.81	70.67	Silver King Porphyry	67.0-70.0 m 0.5% diss py. Sharp 60°CA. contact		17089	87.00	-88.05	1.05		1.6	330
					90		-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		-90.70	0.85		1.2	510
					92		-92.00	1.30		1.6	755
71.91	73.04	Silver King Porphyry	Ser'd		93		-93.60	1.60		1.4	730
					94		-93.90	0.30		1.3	275
			Sharp 90°CA contact.		95		-95.50	1.60		1.5	190
					96		-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	100.33	-102.04	1.71		2.0	220
					98	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		-105.42	1.82		2.8	370
					100		-107.29	1.87		1.1	135
			75.34-76.86 Lt gy flow(?) Sharp 70°CA contact w/ darker flow beneath.		101	108.89	-110.90	2.01		1.1	200
					102	115.00	-116.68	1.68		1.2	130
			77.15-77.69 mod sil'n w/1% py adj to wh qtz vein		03	121.71	-122.59	0.88		1.2	200
			81.7 10 cm of minor sil'n w/bl-gy sil clasts(?)		04	124.57	-126.85	2.18		0.8	190
			→ 1 cm		05	141.50	-143.10	1.60		1.6	115
			82.0 5cm of sil'n w/py & cp 45°CA		06		-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 volcaniclastic. 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				-16.45	3.05			>1000
			94.90 10 cm pk-sil'd zone w/qtz-py veins.				-19.51	3.05			475
			94.20-97.13 Dior.				-22.56	3.05			370
							-25.60	3.05			95

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS Au ppb
100.33	102.04	Diorite	Sil'd 2% diss py. Minor bx'n.					SLUDGES			
102.04	119.50	Dark Tuff	As above. Local sheared, chl'd volcaniclastic w/1-2% py.			25.60	-28.65	3.05			65
							-31.70	3.05			700
			103.40-103.60 Sil'd bx zone w/ 1% py.				-34.75	3.05			> 1000
			105.42-107.69 FG Diorite				-37.80	3.05			> 1000
			107.50-108.89 Minor ep, in sheared tuff.				-40.84	3.05			630
			108.89-111.89 Foliated dior Tr. py.				-43.89	3.05			835
			114.12-116.18 Lt gy lithic tuff 80°CA.				-46.94	3.05			615
			119.0 m minor sil'n, bx'n.				-49.99	3.05			175
			Gradational.				-53.04	3.05			165
							-56.08	3.05			190
119.50	131.0	Tuff	Sim to above but is lighter coloured. Minor ser'n Local dk sections.				-59.13	3.05			165
			121.71-122.59 Minor sil'n & bx'n. Abund ab stringers & minor py.								
			124.57-125.85 SK dyke. Ser'd, diss bk magnetite. 2 cm of 5% magnetite at bottom.								
			129.80 Abund milky qtz-carb veining.								
131.0	153.62	Tuff	Lt. gy, but finer grained than above.	80°CA Tuff							
			130.77-131.02 Sheared Silver King Porphyry Dyke.								
			136.66-138.78 " " Ser alt in surrounding tuff.								
			139.0-150.0 Local bk chl'd volcaniclastics.								
			143.10-144.0 V. sheared Silver King Porphyry Dyke.								
			144-145 Ser'd tuff.								
			153.62 END OF HOLE								

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 17-20, 1986

Claim #: 1518 m El. 60.96 • -73 • Size(s): NQ

M.D./County: NELSON Length: 151.49 (Units: m) 151.49 • -77 • Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 040 • Dip Collar: -80 • • • Signed:

Remarks:

INTERVAL m FROM	INTERVAL m TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL m. FROM	INTERVAL m. TO	SAMPLE LENGTH m	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS 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.		13		44.00	1.00		2.3	285
			21.52-24.53 Diorite-minor bx'n	60°CA 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 FROM	TO	SAMPLE LENGTH	ASSAYS 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	103.00 118.00	104.59 118.81	1.59 0.81		.1 .3	49 240
			-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,				SLUDGES				
			gn chl. Fractures 45°CA, qtz veins. 60 -62 . . Abund ser'n.			3.05 	5.18 -8.23	2.13 3.05			175 200
			67. Local propolytic rd-pk alt'n around gn alt felds.				-11.27 -14.32	3.05 3.05			350 560
			70-151.49 Minor (1 or 2 per metre) wh qtz veins w/minor diss py 60°CA				-17.37 -20.42	3.05 3.05		> >	1000 1000
			79.30-80.80 1% diss py. 87.14-94.50 rd pk alt as above.				-23.47 -26.42	3.05 3.05			250 325
			104.59-104.80 wh qtz-carb veins 2/py-cp. 110.0 minor gn chl stringers.				-29.56 -32.61	3.05 3.05			470 580
			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 -38.71	3.05 3.05		>	1000 520
			mass py. 136 m 1% py in diss fg masses.				-41.76 -44.80	3.05 3.05			775 535
			END OF HOLE				-47.85 -50.90	3.05 3.05			685 170
							-53.95 -57.00	3.05 3.05			175 395
							-60.04 -63.09	3.05 3.05		>	1000 255
							-66.14 -69.19	3.05 3.05			1000 255

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
						SLUDGES					
						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

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole # LK-86-24 Page 1 of 4

Property: KENA Location Down Hole Surveys Etch Drilled By: BEAUPRE

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	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS 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.		27	21.12	22.63	1.52		1.3	110
			7.55-7.75 Rusty, broken core.		28		24.22	1.59		1.2	95
			8.0-10.0 poss dior - coarse flow - minor ep.		29		25.50	1.28		.9	125
			11.05 5 cm of sil'n w/ wh qtz-carb stringers.		30		26.97	1.47		1.4	260
			2% py.		31		28.61	1.64		1.7	120
			11.70-14.95 ap'd coarse flow.		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.		39	106.00	107.41	1.41		1.6	215
			21.74-22.10 sil'd zone 2-3% py.		40		109.00	1.59		1.2	100

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS Au ppb
21.12	22.63	Coarse Andes. Flow	Gradational contact		17141	109.00	110.21	1.21		2.2	205
					42		110.92	1.71		1.8	125
22.63.	26.97	Silicified Tuff	Lt gy Fg sil'n w/ 1% py. Wh qtz-carb, amethystine veining.	55°CA Tuff	43		113.00	2.08		0.9	55
					44		115.10	2.10		2.0	170
26.97	28.61	Sheared Sericitized 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		8166	91.42	94.00	2.08		1.1	710
			28.34 2 cm bx .. wh qtz vein. 1 cm mass cp.		67	97.44	98.00	0.56		.4	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		99.50	1.50		.4	480
					69	100.05	100.14	0.10		.3	230
29.95	51.95	Epidotized And. Flow	M. gy 1-2% ep inc to 5% 32-46 m.Diss py. Calcareous.		70	62.83	65.00	2.17		.1	275
					71		67.00	2.00		.3	17
			30.97-31.08 Wh qtz-carb veining w/mass y py.		72	86.00	88.00	2.00		.1	75
			37.80 1 cm mass py vein w/hem 45°CA.		73		90.00	2.00		.1	265
			38.0-39.0 minor ep.			SLUDGES					
			39.20-39.45 Wh CG qtz sweat w/bk chl(?) at edges.								
			40.70-40.85 " " " " " " "			3.66	4.88	1.22			245
			43.0-45.0 Local bk chl'd volcaniclastics-contain-				7.92	3.05			365
			ing bl-gy qtz blebs → 5mm.				10.97	3.05			480
			46.0-46.8 Minor bx'n w/weak sil'n.				14.02	3.05			>1000
			46.8-49.50 Lt gy spotted ep flow. 5-10% ep in				17.07	3.05			600
			0.5 cm masses.				20.12	3.05			450
51.95	55.00	Andesitic Tuff	Lt gy, MG Minor feld xtl tuff and lithic tuff. Minor py				23.16	3.05			345
							26.21	3.05			220
			51.95-52.40 Mod sil'n, bx'n 1-2% py.				29.26	3.05			340
			Gradational.				32.31	3.05			330
55.00	62.83	Mass. Andesitic Flow	M. gy rubbly appearance. 1% diss py. Minor bx'n & sil'n. Local bk chl'd volcaniclastic 30°CA.				35.36	3.05			270
							38.40	3.05			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	3.05			360
						44.50		3.05			420
			85.0 diss magnetite. Sharp irreg 30°CA contact.			47.55		3.05			540
						50.60		3.05			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		3.05			335
						56.69		3.05			650
			Gradational.			59.74		3.05		>	1000
						62.79		3.05		>	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		3.05		>	1000
						68.88		3.05			175
			45°CA. vein cut off by 90°CA shear. 99.50-101.50 Bk sheared chl'd volcaniclastics.			71.93		3.05			195
						74.98		3.05			165
			103.0-104.0 Minor bx'n, 2% py. No sil'n. Gradational.			78.03		3.05			510
						81.08		3.05		>	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		3.05			280
						87.17		3.05			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		3.05			375
						93.27		3.05		>	1000
			specks (bo?) cut by 20°CA amethyst vein. 115.1-117.0 mod-weak sil'n.			96.33		3.05		>	1000
						99.36		3.05		>	1000
			Gradational.			102.41		3.05		>	1000
						105.46		3.05		>	1000
117.00	119.57	Mass Andesite Flow	D. gn minor sil'n.			108.51		3.05			715
						111.56		3.05			615
119.57	125.49	Diorite	Local foliation. Stretched bk chl-py alt. xenoliths 50°CA. 1% diss py.			114.60		3.05			850
						117.65		3.05			530

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
125.49	126.49	Mass. Andesite Flow	As above. 126.40 2 cm qtz vein 90°CA.			SLUDGES					
			END OF HOLE.			117.65	120.70	3.05			625
						-123.75		3.05			400
						-126.80		3.05			655

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole # LK-86-25 Page 1 of 4

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

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
68.40-	107.90	Andesite Tuff	matrix of ser w/ bk chl specks, py. Minor sil'n. 2% py.			SLUDGES					
			86.66-87.56 Bk volcaniclastic 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 volcaniclastics.				-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

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole # LK-86-25 Page 4 of 4

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
						SLUDGES					
						101.80	104.85	3.05			210
						104.85	107.90	3.05			540

Property: KENA Location Down Hole Surveys Etch Drilled By: BEAUPRE

Area (Map #): 82-F/6W Grid: 44+90N/50+60W Depth: - Az: ° Dip: ° From-To: Sept 24-26, 1986

Claim #: 1505m El 105.46 ° -63 ° Size(s): NQ

M.D./County: NELSON Length: 180.44 (Units: M) 180.44 ° ° Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 060 ° 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	5.18		Casing		8217	5.18	-7.92	2.74		.6	220
					18		-8.30	0.38		.3	190
5.18	30.0	Mass Andesite Flow	Lt m.gy. Local tuff. 1% diss, stringer py. Local ep. Minor sil'n.		19		-10.30	2.00		.3	160
					20		-12.00	1.70		.5	220
			5.13-7.92 Partly sil'd ep'd flow.		21	14.00	-15.00	1.00		.4	170
			7.92-8.30 Mod sil'n w/irreg bk chl spots.		22	16.50	-18.00	1.50		.3	128
			11.50 45°CA 1 cm py vein w/mod sil'n.		23		-20.00	2.00		.8	133
			14.50 irreg vuggy qtz-py veins.		24	24.15	-24.95	0.80		6.0	103
			15.0 Local sil'd bx zones.		25	27.46	-28.15	0.69		1.3	230
			16.5-18.0 Mod sil'd bx zone 1-2% py.		26	30.00	-32.00	2.00		.1	270
			20.0-22.0 sheared, chl'd volcaniclastics - abund cc, ep stringers.		27	34.00	-35.75	1.75		.1	205
					28		-37.00	1.25		.6	185
			22.0-23.0 Mass ep'd flow. 5-10% ep.		29		-38.10	1.10		.2	220
			24.15-24.95 Pk-gy alt zone (sil-pot?) w/irreg		30		-40.00	1.90		.1	72
			milky qtz-carb veins <1% py. Minor am veining.	60°CA	31	40.61	-40.95	0.34		.4	305
			25.0-27.0 lithic tuff.		32	45.00	-46.87	1.87		.2	205
			27.46-28.15 Gy sil'd zone adj to ireg milky qtz-carb veins.		33		-49.00	2.23		.4	190
					34	51.49	-51.78	0.19	.069	3.2	2380

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS 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
			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
35.75	38.10	Epidotized And. Flow	Local sil'd bx zones w/1% py. Sharp 70°CA contact.		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
					55		-110.01	1.51		.2	156
			73.60 Minor wh qtz veins w/local sil'n		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 diss py.	70-80° shearing	57		-111.50	0.78		.4	114
					58		-113.50	2.00		.3	104
					59		-115.50	2.00		.3	157
			84.36-85.75 Lt. mod sil'n pk tinge. 1% py. Local wh qtz stringers.		60		-117.50	2.00		.1	39
					61	121.95	-122.87	0.92		.2	106
			89.64-89.74 Irreg coarse wh-pk qtz vein w/minor		62	124.50	-125.10	0.60		.1	25

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS 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 64	125.10 136.00	126.50 137.50	1.40 1.50		1.1 .5	200 110
			Gradational		65 66	146.00 "	147.43 149.35	1.43 1.92		.3 .2	52 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 68	" "	149.75 150.00	0.40 0.25		.5 .1	100 66
			96.47-97.17 Gy-pk sil'd w/milky qtz carb veining 45°CA.		69 70	" "	150.33 152.00	0.33 1.67		.3 .3	79 210
			100.98-101.16 Gy-pk sil'n w/irreg qtz veining 104.57-105.12 " " " milky qtz-carb		71 72	" "	154.23 155.80	2.33 1.57		.3 .7	200 152
			veining. 105.50-106.0 Ser-sil'n		73 74	" "	157.50 159.41	1.70 1.91		.5 .2	140 670
			107.0 Local crackle bx'n w/minor sil'n. 110.01-110.72 Gy-pk sil'n w/ fine qtz=ab(?)-py		75 76	163.00 172.73	165.00 173.10	2.00 0.37		.4 .2	85 41
			stringers. 111.0-113.0 Dark tuff - ep stringers		77 78	" "	175.50 177.50	2.40 2.00		.3 .5	46 48
			111.0-111.50 Sil'd d gn aug porphyry - minor crackle bx'n.			SLUDGES					
			113.0 Crackle bx'n - minor sil'n. Gradational.			4.88 "	7.92 10.97	3.05 3.05			100 230
117.50	147.43	Dark Tuff/ Flow	M.d.gy, more tuff beds, sheared bk chl'd volcaniclasts. Locally abund ep, cc, py veining to 134m			" "	14.02 17.07	3.05 3.05			400 190
			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 volcaniclastics								
			136.0-137.50 Gy qtz veinging & sil'n. Gradational.								

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
147.43	159.41	Silicified Zone	Lt gy sil'n ass w/abund milky qtz veins. 0.5% py 147.43-149.0 Thin hem stringers.								
			149.35-149.75 Bx zone. Gy alt clasts in rd-pp chl-hem.								
			150.0-150.33 Qtz stockwork-minor py. 150.5-152.0 1-2% py.								
			154.23-155.80 sheared chl'd volcaniclastics - abund qtz veining.								
			156.30 1cm py veins 70°CA.								
159.41	172.73	Dark Tuff/ Chloritized	D.gy-bk well fol/sheared 70-80°CA Local mass flows 1-3% brassy py in stringers parallel to foliation	70-80° Shearing							
		Volcaniclastics	Abund qtz-cc stringers. 163.50 Minor sil'n w/irreg wh=gy qtz veins.								
			172.73								
172.73	175.50	Diorite Dykes	2-3 gr ep alt gm diorite cykes. Contacts in distinct. Minor py.								
			172.73-173.10 Silicified, bx'd contact.								
175.50	180.44	Chloritized Volcaniclastics	As above. Local thin hem stringers. Minor qtz-py veins 60°CA.								
			END OF HOLE.								

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole # LK-86-27 Page 1 of 3

Property: KENA Location Down Hole Surveys Etch Drilled By: BEAUPRE

Area (Map #): 82-F/6W Grid: 44+30N/50+75W Depth: - Az: ° Dip: ° From-To: Sept 26, 27, 1986

Claim #: 1500 m El 120.09 ° -51 ° Size(s): NQ

M.D./County: NELSON Length: 120.09 (Units: M) ° ° Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 060 ° Dip Collar: -45 ° ° ° 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	7.31		Casing		8279	7.31	8.65	1.34			107
					80		10.50	1.85			395
7.31	8.65	Lamprophyre Dyke	Bk FG. Sharp 45° contact.		81		12.00	1.50			305
					82		13.18	1.18			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		14.20	1.02			260
					84		16.00	1.80			71
			flows to bottom.		85		17.03	1.03			155
			13.18-14.20 Gy-pk sil'n w/fine irreg qtz veins.		86		19.00	1.97			64
			Minor py.		87	24.40	25.35	0.95			73
			13.25 0.5 cm wh qtz veins w/pp hem, ep 10°CA.		88	27.40	29.00	1.60			51
			17.03-19.30 5% ep.		89		30.00	1.00			49
			18.40 10°CA wh, pk qtz-cc bk chl vein		90		32.00	2.00			40
			24.40-25.35 Local sil'n w/qtz veins 1-2% py.		91		34.00	2.00			50
			27.40-30.0 " " " cc veining.		92	37.00	37.18	0.18			36
			34.0-36.0 5% ep.		93	39.00	40.50	1.50			66
			36.0-37.0 Lithic tuff 65°CA,		94	42.50	43.50	1.00			82
			37.0-40.5 Local 0.5-1cm gy qtz veins - minor py.		95	44.30	44.50	0.20			28
			40.0-43.2 5% ep.		96	48.22	50.00	1.78			32

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
8.65	48.22	Tuffaceous Andesite	43.2 Irreg wh pk qtz-cc vein 44.4 Irreg wh qtz-cc vein		8297 98	50.00 	52.00 54.00	2.00 2.00			43 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 8300	 66.00	56.00 68.00	2.00 2.00			41 78
			55.0-55.30 Minor sil'n, bx'n 57.50 Mod sil'd zone		01 02	 56.93	70.28 57.14	2.28 0.21			53 33
			Contact indistinct		03 04	76.35 80.50	76.52 82.00	0.17 1.50		.2	124 66
63.00	70.28	Silver King Porphyry	Gy felds, wh near ep veins. 1-2% ep Sheared, ser'd near bottom contact.		05 06	 	84.00 86.00	2.00 2.00		.3 .1	77 320
70.28	74.06	Chloritized Volcaniclastics	Bk chl, sheared soft. Abund wh cc, qtz, ab stringers subparallel to shearing	80°CA Shearing	07 08	 95.00	88.00 96.00	2.00 1.00		.4 .2	69 92
			56.93-57.14 Bx'd qtz vein & minor sil'n.		09 10	99.30 101.0	99.60 102.00	0.30 1.00		.2 .3	175 104
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 12	105.0 	106.00 107.65	1.00 1.65		.2 .3	72 295
		Tuff	locally stretched. Single clast with 7 mm py cube 2-3% diss & stringer.		13 14	 	108.10 108.50	0.45 0.40		1.9 16.4	131 210
			76.40 1 cm wh qtz vein w/ diss py 20°CA		15 16	 	109.10 111.10	0.60 2.00	.031 .097	4.7 6.1	1160 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 18	 	112.50 113.90	1.40 1.40		.3 .1	47 61
			& cackle bx'n. Local ep'd sections 79.51-80.50 Bk chl'd sheared volcaniclastics	80°CA	19 20	 	115.80 115.88	1.90 0.08		.4 1.6	560 860
			80.50 10 cm of pk-gy sil'n w/ser-sil alt for 5cm into wallrock.		21 22	 118.7	116.20 120.09	0.32 1.39		.2 .2	138 39
			85.80 cp & py in qtz vein. Gradational								

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
88.70	98.00	Ep'd And. Flow/Tuff	M-d gy, mostly tuff → 5% ep 1-2% py. Rd hem on fractures			SLUDGE					
			89.0 Slickensides on rd hem. 20°CA 30° rake. 94.50 slickensides on rd hem, 60°CA 90° rake.			7.31	9.14	1.83			82
			95.0-96.0 Lt gy ser'n - v. comp.								
98.0	116.20	Tuffaceous Andesite	Lt. gy, abund feld xtl tuff. Local ser'd sections 1% diss stringer py. Rd hem on fractures. Local	80°CA Tuff							
			al'd sheared volcaniclasts. 99.40 2 cm FG gy irreg qtz vein -1% py.								
			101-108 Tectonic folding in tuff 90°CA axis 101.50 10 cm of ser'n around 30°CA py vein.								
			103.32-103.67 Ser-sil alt w/1% py. 107.65-116.20 Lt gy ser'n w/ abund milky qtz-carb								
			veining 1-2% py. Local sil'n. 108.10-108.50 Lt gy ser-sil'n around milky qtz								
			carb veins w/coarse cp-ga-sp in low CA veins. 109.10 2-3% py in stringers 80-90°CA								
			111.10-113.90 Sil'n w/ fine qtz veining 1% py. 115.80 1 cm gy qtz vein w/mass cp 90°CA								
116.20	118.70	Sheared Chl'd Volcaniclastics	Abund wh cc-ab-qtz stringers	80°CA Shearing							
118.70	120.09	Diorite	Lt gy, partially sil'd. Abund qtz veins.								
			END OF HOLE								

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole # LK-86-28 Page 1 of 7

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

Remarks:

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	Ag ppm	Au ppb
0	8.23		Casing		8323	8.23	-9.90	1.77		.1	45
					24		-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-carb veins		25	11.67	-11.87	0.20		.1	18
					26		-12.94	1.07		.1	17
			11.70 Irreg coarse qtz-bk chl vein w/cp	70°CA	27	24.50	-26.12	0.62		.2	122
			Contact sheared ser'd.	Tuff	28		-28.00	1.88		.2	117
12.94	26.12	Ep'd Lithic Tuff	Well defined tuff w/ ep'd feld grains 2-3mm &		29		-30.00	2.00		.1	83
			local stretched chl'd lithic clasts. Local qtz,		30	31.40	-31.76	0.36	.029	.4	1100
			cc veining.		31		-33.00	1.24		.1	103
			24.7 Wh qtz vein w/rd ox staining		32	38.00	-39.00	1.00		.1	74
26.12	39.00	Ep'd Flow/Tuff Flow	Gy-gn; more massive than above. Abund qtz, cc		33		-39.80	0.80		.2	109
			veining. Local sil'n, crackle bx'n.		34		-40.17	0.37		.1	64
			31.40-31.76 Lt by intense sil'n & bx'n, 5% py	70°CA	35		-42.00	1.83		.1	71
				Tuff	36		-43.20	1.20		.3	43
39.00	44.72	Ser-Sil. Alt. Tuff	Lt gy . . Hard. Abund wh, milky qtz string		37		-44.72	1.52			130
			-ers. <1% py.		38		-47.00	2.28			30
			39.50-39.80 Sil'd bx'd zone w/5% py.		39	53.00	-54.42	1.42			105
			39.80-40.17 Diorite? sil'd, bx'd at contacts		40		-54.90	0.48			330

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS 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		47		-68.20	1.20			152
			54.42-54.90 Lt gy, sil'd crackle bx zone.		48	69.48	69.70	0.22			420
			59 -65 Mass flow. Ep in FG masses → 1 cm.		49		-71.00	1.30			115
			61.50 Abund wh qtz-py veins		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.		53	85.0	86.78	1.78			320
			65.86-68.20 sheared, sil'd zone 5% ep 1% py		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		57	92.70	-97.21	0.21			720
			75.0 10 cm of wk crackle bx'n. No sil'n		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		61		-104.50	1.50			240
			84 -85 Aug porphyry flow.		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.	60-70° Flow	63		-107.80	1.80		.1	55
			Local gy elongate qtz pods → 1 cm.		64	112.50	114.15	1.65		.3	109
			86.78-87.89 Dyke? as above sharp 70°CA contacts		65		-114.30	0.15	.059	.3	2100
			94.40 5 cm sil'd band 80°CA, broken bx'd sim to		66		-116.00	1.70	.033	.1	1060
			host - appears to be syngenetic.		67		-118.00	2.00		.2	350
			95.0 1 cm wh qtz-py vein 20° CA.		68		-119.27	1.27		.8	290

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS 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	119.27	119.70	0.43		1.3	190
					70	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	124.25	125.25	1.00		.4	139
					72	126.80	127.15	0.35		.8	165
			Sharp 60°CA contact. Minor crackle bx'n. Zoned plag xtls.		73		-129.25	2.10		.3	160
					74	134.00	134.53	0.53		.3	150
			106.0-107.80 Lt gy-pk pot-sil alt. w/ pervasive crackle bx'n		75		-135.33	0.80		.4	7
					76	141.00	142.16	1.16		.4	114
107.80	142.16	Ep'd Andesite Flow	As above.		77		-144.35	2.19		.1	62
			114.15 Gy bx'd sil'n w/wh qtz veins		78		-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		-148.44	1.42		.4	520
					80		-150.50	2.06		.1	210
			119.27-119.70 Gy-pk pot sil alt zone w/bx'n arou- nd qtz veins. Rd hem in fractures.		81		-152.00	1.50		.1	190
					82		-153.30	1.30		.3	290
			122.25-123.0 Minor crackle bx'n in gy-gn mass and.		83		-154.60	1.30		1.6	640
			124.25-125.25 Local irreg gy FG qtz veins w/minor		84		-156.00	1.40		1.2	520
			py.		85		-157.12	1.12		.8	1170
			126.80-129.25 D. gy mass and abund qtz veins. Rd		86		-158.10	0.98		.9	118
			hem in fractures.		87		-160.37	2.27		.7	420
			126.90 Mod gy sil'n & crackle bx'n		88		-162.00	1.63		.6	265
			129.25-140.0 Ep as 1 cm FG masses & stringers		89	165.00	167.00	2.00		.7	345
			in mass dy gy and.		90	168.00	169.40	1.40		.5	159
			133.30-134.50 Low CA° wh qtz-py-hem qtz veins		91		-170.40	1.00		.6	157
			134.53-135.33 FG bk lamp dyke 70°CA contacts		92		-172.00	1.60		1.3	330
			141.0-142.16 D. gy bk sheared tuff. Abund fine cc		93		-173.80	1.80		1.3	265
			ab stringers. 1-2% stringer py. Sharp 45°CA		94		-175.90	2.10		.9	430
			contact.		95		-178.00	2.10		.8	129
					96		-180.00	2.00		.5	155

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

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS Au ppb
169.40	175.90	Silicified Tuff	174.90 1 cm whqtz vein w/py-cp 30°CA.		8425	229.60	231.00	1.40		.4	190
					26	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	240.50	242.50	2.00		.2	128
					28	249.49	251.43	1.94		.3	96
			minor sil'n. Minor cp. 183.0 Intrusive pebbles.		29	252.93	253.59	0.66		.3	15
					30		253.96	0.37		.7	119
			188.70-190.86 Gy-pk sil'n w/3% stringer & py, qtz veining.		31		254.63	0.67		.6	30
					32	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	264.00	266.00	2.00		.4	21
					34	272.00	273.10	1.10		.3	15
			(?) stretched parallel shearing. 192.86-193.51 MG diorite dyke 1% py.				SLUDGES				
			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% by py in intense sil'd zone.				17.07	3.05			90
							20.12	3.05			70
			194.90-195.17 Intense sil'n.				23.16	3.05			149
			195.17-197.20 Wk sil'n in dk tuff. Minor ep.				26.21	3.05			129
			197.20-199.76 Mod intense gy sil'n 2-3%				29.26	3.05			165
			199.76-202.16 Lithic tuff.				32.31	3.05			640
			202.16-202.47 Lt gy sil'n w/2-3% y py.				35.36	3.05			215
			206.61-206.91 Gy pk intense sil'n 1% y py.				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 shearing. 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 FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL FROM	INTERVAL TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS 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.			SLUDGES					
218.70	227.48	Silicified Flow	M.gy FGMG w/ local gy feld grains. Abund mod sil'n, locally intense, crackle bx zones. Local			56.69	59.74	3.05			305
							62.79	3.05			160
			rd hem on fractures. 219 -220 ' crackle bx-mod sil'n minor py.				65.84	3.05			205
							68.88	3.05			131
			220.70 Diss y py w/ep. 222.50-225.50 Mod sil'n w/ 1% py w/fine qtz				71.93	3.05			195
							74.98	3.05			69
			stringers. 225.50-227.48 Intense sil'n & crackle bx'n 1% py				78.03	3.05			175
							81.08	3.05			265
			Minor cp.				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

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole #. LK-86-28 Page 7 of 7

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
258.0	273.10	Sericified Tuff	267-273.10 Dark tuff			SLUDGES					
			END OF HOLE			135.94	138.99	3.05			220
						-142.04		3.05			610
						-145.08		3.05			220
						-148.13		3.05			720
						-151.18		3.05			950
						-154.23		3.05			740
						-157.28		3.05			1130
						-160.32		3.05			1510

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: R. [signature]

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	3.65		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
					38		- 7.67	3.17		.2	150
			w/local crackle bx'n.		39		- 8.95	1.28		.1	48
			2.46-3.00 Shear? Abund qtz pods 45°CA, crackle		40		-10.50	1.55		.1	43
			bx'n w/bk chl matrix.		41		-12.02	1.52		.1	88
			4.00 10 cm of intense gy pk sil'n, crackle bx.		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	70-80°	51		-27.85	0.05		.2	131
			lithic tuff -clasts of porph intrusive (dior?), &	CA Tuff	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	33.13	34.75	1.62		.4	45
					54		36.00	1.25		.4	87
			30.86-32.45 Gy sericite tuff 2% py. Qtz veining		55		37.79	1.79		.5	102
			33.13-34.75 Gy sil'd flow. Mod sil'n 2% y py.		56	44.65	46.50	1.85	.059	1.2	1912
			34.75-37.79 Gy sil'd crackle bx zones. 2% y py.		57		48.00	1.50	.028	.6	1040
			37.27-43.0 Lithic tuff - stretched bk chl'd py		58		49.00	1.00		.3	57
			clasts & feld porph cobbles → 3 cm		59		51.00	2.00		.3	66
			43.0-44.65 tuff w/2% diss ep		60	52.50	54.00	1.50		.3	42
			Gradational.		61	57.27	58.50	1.23		.4	72
					62		60.15	1.65		.6	126
44.65	49.0	Silicified Flow	Lt gy-pk weak-intense sil'n & local crackle bx'n		63		60.35	0.20		.9	210
			45.90 10 cm of intense gy-pk sil'n around 60°CA		64	62.96	63.52	0.56		1.0	790
			w/qtz veins 1% py.		65	65.10	67.00	1.90		1.8	560
			Gradational.		66		69.24	2.24		.4	125
49.0	56.0	Mass Andesite Flow	M.gy 1% fine diss py. Local tuff sections. Abund		67		71.00	1.76		.7	113
			irreg wh qtz veins, stringers. Minor sil'n		68		72.50	1.50		.7	450
			52.50-53.50 mod sil'n.		69		74.00	1.50		1.4	450
			55.0-56.0 Lt gy sericitic tuff.		70	74.77	76.48	1.71		1.0	530
56.0	159.98	Tuff	Lt-m. gy sericitic tuff, lithic tuff. Local sil'd		71		78.82	2.34		.9	190
			sections.		72	81.61	82.20	0.59		.6	220
			57.27-60.15 Lithic tuff. 10cm of sil'n around 1cm		73		83.50	1.30		.5	200
			gy qtz veins 90°CA 57.30-57.40.		74		85.02	1.52		.5	210
			60.15-60.35 Intense m.gy sil'n w/5% y py. Wh qtz		75	91.33	93.00	1.67		3.0	790
			tension veins 0°CA.		76		94.83	1.83		.7	390
			61.95-62.70 Ser tuff. 10°CA am vein.		77	96.37	98.45	1.08		.7	93
			62.96-63.52 Sil'n around milky qtz-carb veins.		78		100.49	2.04		1.3	420
			Tr py.		79	101.98	103.84	1.86		2.2	530
			65.10-69.24 Lt gy ser-sil alt tuff. Minor py.		80		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.		8481	107.50	108.50	1.00		.6	200
			67.90 2 cm fine wh qtz stringers w/dk pp-bl mag-		82		110.00	1.50		.8	260
			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		89		163.00	1.00		.1	38
			contacts.		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.				SLUDGES				
			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
							10.36	3.05			190
			91.83-94.83 M.gy mass flow. Minor ep, py. Abund wh qtz stringers.				13.41	3.05			175
							16.46	3.05			180
			96.0 Open folding in tuff, tectonic?				19.51	3.05			195
			96.37-98.45 Lt gy sil'd zones in tuff 1% y py.				22.55	3.05			72
			98.45-100.49 Lt gy intense sil'n, crackle bx'n- dyke, sharp contacts. 1% py. Abund qtz stringers				25.60	3.05			210
							28.65	3.05			395
			101.98-103.84 Gy-pk intense sil'n, crackle bx'n - Alt tuff(?) Abund 70°CA y py, qtz stringers				31.70	3.05			230
							34.75	3.05			57
			1-2% py, minor cp.				37.80	3.05			95
			104.50 10 cm of gy-pk sil'n-py.				40.84	3.05			305

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	107.80- Minor sil'n in dk tuff. 108.50-111.43 MG m.gy dior(?) Foliated 80°CA.			SLUDGES					
			No alt'n bx'd. irreg contacts. 113.17-114.48 Dior, as above.			40.84	43.89	3.05			134
							46.94	3.05			690
			115.0-119.0 Local minor dior dykes, minor wk sil'n in lithic tuff.			49.99		3.05			180
							53.03	3.05			90
			119.20-119.89 Dior 120.0-127.0 Lithic tuff 80°CA fine ab, cc veining			56.08		3.05			116
							59.13	3.05			170
56.0	159.98		Minor py. 129.70-130.45 Gy sericitic tuff, minor sil'n, wh			62.18		3.05			345
							65.23	3.05			750
			qtz veining 2% py. 134 - 135 Coarse gy flow.			68.27		3.05			910
							71.32	3.05			510
			135.77-136.26 Gy sericitic tuff, minor sil'n, wk qtz veining 2% py.			74.37		3.05			260
							77.42	3.05			355
			138.0 Lithic & gy seritic, dk tuffs 1-2% py, most in stringer			80.47		3.05			530
							83.51	3.05			420
			145.0 single pk cc vein. 152.05-152.23 Ser-sil alt dior (?) dyke.	80°CA Tuff		86.56		3.05			320
							89.61	3.05			370
			156.0-159.98 ser. tuff.			91.44		1.83			420
159.98	172.89	Silver King Porphyry	Lt gy ser'd 0.5% diss py. Local rd hem on fractures.								
			162.10 Rd hem on fractures Sharp 70°CA contact								
172.89	214.58	Sericitized Tuff	Lt gy, prominant fabric. Minor py. Local dk, lithic tuff.								
			174.15-174.35 80°CA dyke ≈ Alaskite? 174.35-175.0 Local milky qtz carb veins 60°CA in								

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole #. LK-86-29 Page 5 of 5

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
172.89	214.58	Sericitized Tuff	dk tuff. 188.0-193.5 Fine wh cc-ab-qtz stringers in dk tuff. 203.40-204.20 Wk sil'n in ser tuff. Minor py. END OF HOLE.								

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 2, 1986

Claim #: 1500 m El. 111.25 ° -80 ° Size(s): NQ

M.D./County: NELSON Length: 111.25 (Units: m) ° ° Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 040 ° Dip Collar: -80 ° ° ° Signed: R.J. Johnston

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) FROM	TO	SAMPLE LENGTH	ASSAYS 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 througout, 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.				SLUDGES				
			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 hem, d.bk mm veining.				-11.28	3.05			440
							-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 fels 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: KENA Location Down Hole Surveys Etch Drilled By: BEAUPRE

Area (Map #): 82-F/6W Grid: 44+66N/49+20W Depth: Az: ° Dip: ° From-To: Oct 3-5, 1986

Claim #: 1496 m Elev 107.90 ° -49 ° Size(s): NQ

M.D./County: NELSON Length: 257.25 (Units: m) 257.25 ° -47 ° Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 040 ° Dip Collar: -45 ° ° ° Signed: R.J.J.

Remarks:

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL metres FROM	INTERVAL metres TO	SAMPLE LENGTH	ASSAYS Au oz/T	ASSAYS Ag ppm	ASSAYS 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		39	17.32	17.36	0.04	.325		9890
			5.42-10.20 Intense sil'n, minr pk tinge		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		43	34.05	35.77	0.72			135
			17.36 1 cm of qtz w/mass cp in 80°CA shear. VG.		44	38.94	39.08	0.14			82
			Slickensides.		45	40.24	40.49	0.25			51
			17.90-18.10 Intense crackle bx'n		46	41.00	41.50	0.50			108
18.16	64.27	Dark Tuff	As above. Abund low CA° cc veining		47	83.44	83.56	0.12	.720		23100
			20.40-20.60 sil'd CG qtz dior : 90°CA contacts		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	108.00	108.50	0.50			36
					52	113.87	115.49	1.62			9
			24.0-30.0 3-7 cm clasts of dark MG granodiorite, finer than local dykes. 0.5% FG py, ser'd.		53		-117.60	2.11			49
					54	119.56	120.45	0.91		.8	11
			32.30-35.77 CG fol unalt qtz dior dyke. Minor		55	121.19	121.62	0.43		.7	12
					56	153.86	154.35	0.49		.4	5
			sil'n in 0.5 m of HW		57	165.80	167.08	1.28		.3	6
			37.82-38.94 Qtz dior dyke		58	196.08	196.51	0.43		.4	1
			38.94-39.08 1 cm wh 45°CA qtz vein w/minor py.		59	213.26	213.35	0.09		.5	10
			40.24-40.49 60°CA bx zone-shear, pk-pp jasper		60	230.51	230.61	0.10		19.5	310
			w/clasts of sil'd int in narrow zones. Hem stringers, py stringers.		61	236.16	236.57	0.41		.5	4
					62	240.00	242.00	2.00		.5	7
			41.00-41.50 Minor sil'n.		63	250.00	252.00	2.00			15
			43.89-45.00 Irreg wh cc-am vein 1-2cm runs sub-				SLUDGES				
			parallel to core, minor sil'n around hem.			4.26	7.31	3.05			220
			46.57 1 cm of thin 90°CA py stringers.				-10.36	3.05			150
			54.0-55.50 Wk sil'n in lt gy siliceous bands w/I tuff.				-13.41	3.05			185
							-16.46	3.05			560
			61.0-62.18 Gy-gn MG mass flow, interbeds - Abund wh qtz, cc stringers.				-19.51	3.05			1560
							-22.55	3.05			94
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			101
			Minor ser'd tuff.				-31.70	3.05			51
							-34.75	3.05			86
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	80-90° CA Tuff			-37.79	3.05			330
							-40.84	3.05			480
			tuff.				-43.89	3.05			410
			83.44-83.56 60% brassy py.				-46.94	3.05			128

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
81.00	102.00	Sericitic Tuff	91.58-93.56 1-2% py in thin veins sub-parallel to bedding.			SLUDGES					
			98.68-101.63 SKP minor diss py, local hem staining sharp 80, 90°CA contacts.			46.94	49.99	3.05			240
							53.03	3.05			3180
			108.30 20 cm of 5% py in 90°CA stringers.								
102.0	148.17	Dark Tuff	108.30 20 cm of 5% py in 90°CA stringers 113.87-115.49 SKP diss mag. Local qtz veining.	80°CA Tuff							
			Gn alt felds. 1 cm 60% jasper bx zone at 114.0 115.49-117.60 Ser'n-minor sil'n in tuff.								
			119.56-120.45 1-2% py cubes (recrystallized) in tuff, grading from 1-8 mm, ass w/ang wh cc-qtz								
			grains(?). 121.19-121.62 Lt gy tuff w/abund py stringers								
			70-90°CA. 129.50 10 cm w/ 2-3mm py cubes.								
			135.0-138 Local minor ser'd sections w/1-2% py. Gradational.								
148.17	168.46	Andesite Flow	Lt gy FG-MG mass flow, minor py. 153.86-154.35 Abund irreg milky qtz-carb veining,								
			locally soft, incomp. 154-162 tuff 80-90°CA.								
			165.80-167.08 Lt gy ser'd tuff w/1% py. 167.20-168.46 Sheared, wh cc veins, pods in tuff.								
168.46	186.79	Ep'd Andesite Flow	M.d.gy 1-2% ep, diss stringer. Local qtz-ep veining.								
			173-183 3-5 cm wh cc qtz minor cc - bk chl veins v. irreg, some at 45°CA.								

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
168.46	186.79	Ep'd Andesite Flow	180-205 Local 1-2 cm wh FG qtz veins @ 0°CA, some w/pink tinge.								
186.79	228	Tuff	Local dark tuff, ser tuff. Abund local qtz, qtz-carb veins Minor py.	70-90° CA Tuff							
			196.08-196.51 Wh-pk qtz-cc vein, coarse py. 190-198 Mass flow.								
			199.74-201.23 Ser tuff w/ milky qtz carb veins. 208.45 coarse py cubes.								
			213.26-213.35 Gy-wh sil'n in discrete 90°CA zone 217.70 same as above.								
228.0	257.25	Seriticized Tuff	Lt gy, abund wh cc, qtz veins. Locally 1-2% py 230.51-230.61 5% py in stringers parallel fol,	70-90° CA Tuff							
			minor qtz 230.16-230.57 Coarse py cubes								
			245.16-245.93 Coarse py cubes w/abund wh clay alt'n.								
			END OF HOLE								

Property: KENA Location Down Hole Surveys Etch Drilled By: BEAUPRE

Area (Map #): 82-F/6W Grid: 44+68N/49+55 W 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: R. J. Johnston

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		70	25.00	-27.00	2.00			35
			8.20-8.30 Minor wk sil'n		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.		74	45.02	-46.45	1.43			88
			15.87-16.00 45°CA gy qtz vein w/ 2 cm parallel		75	52.53	-54.00	1.47		.3	47
			vein of magnetite & FG y py, tr cp.		76		-54.50	0.50		.5	50
			16.30-21.39 D. gy, ep alt felds diss patches,		77		-55.30	0.80		.6	65
			stringers. Minor py. Abund wh qtz veins 45°CA		78		-55.32	0.02		1.0	41
			locally w/ep, bk chl.		79	-	-56.61	1.29		1.9	138
			20.62 vuggy qtz vein w/good xtls, minor hem,		80	58.23	-60.44	2.21		.3	122
			2-3% diss in wallrock.		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.			SLUDGES					
			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
							-11.28	3.05			84
			abund fine wh qtz stringers, 1-2% py. 31.50-32.50 ep'd flow.				-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
							-38.71	3.05			245
			ab, hem stringers. Lt gy-gn alt in last 10 cm. 38.48-38.80 10-15% py.				-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.	70°CA			-53.95	3.05			270
			1% brassy py, local qtz stringers. Locally sheared	Tuff			-57.00	3.05			290
			chl'd. ser'd. 52.53-56.61 aplite dyke. VFG sil'd ser'd lt-gy gn				-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
							-75.28	3.05			190
			@45°CA. 58.23-60.44 Lt gy q5z pods, stringers parallel				-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

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
46.45	86.0	Tuff	62-64 Local dk intrusive clasts. 72.5 20 cm of qtz pods sim to above.			SLUDGES					
			78-80 Ep'd flow 81.50 minor diss cp			84.43	90.52	3.05			152
							-92.35	1.83			240
			80-84 lt gy MG tuff/flow.								
86.0	92.35	Epidotized Flow	D. gy-bk, w/ - 10% ep. Local tuff. Abund wh cc qtz veins, irreg. CG wh qtz veins.								
			END OF HOLE								

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole # LK-86-33 Page 1 of 2

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: R.J.J.

Remarks:

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

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
18.67	39.0	Andesite Flow	31.70-32.50 Mod sil'n w/ bx'd qtz veins incl single 2 cm py vein 80°CA								
						SLUDGES					
			30.5-57.0 ep veinlets.			16.46	19.51	3.05			40
							22.55	3.05			34
39.0	60.50	Tuff	M.d.gy tuff. Minor py. Local lt gy wk-mod sil'n w/y py. Local ep, ep veinlets.	70-80° CA Tuff			25.60	3.05			24
							28.65	3.05			114
			39.0-41.0 Lt gy tuff w/finely laminated py veins				31.70	3.05			31
			42.0 Ep'd int clasts.				34.75	3.05			125
			42.5-45.0 ep veinlets				37.79	3.05			50
			49.0-50.0 " "				40.84	3.05			85
			51.0 5 cm wh qtz-cc vein 80°CA.				43.89	3.05			96
							46.94	3.05			490
60.50	83.51	MG Andesite Flow	Lt. m.gy Local stretched lithic fragments, Minor py. Some sections look like dior. Local wh qtz-				49.99	3.05			1020
							53.03	3.05			430
			cc veining.				56.08	3.05			123
							59.13	3.05			240
			END OF HOLE				62.18	3.05			113
							65.23	3.05			69
							68.27	3.05			46
							71.32	3.05			97
							74.37	3.05			117
							77.42	3.05			171
							80.47	3.05			260
							83.51	3.05			440

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole # LK-86-35 Page 1 of 2

Property: KENA	Location		Down Hole Surveys	Etch	Drilled By: BEAUPRE
Area (Map #): 82-F/6W	Grid: 50+93N/49+15W		Depth: -	Az: ° Dip: °	From-To: Oct. 8, 1986
Claim #:	1460 m El.		104.85	° 45 °	Size(s): NQ
M.D./County: NELSON	Length: 104.85	(Units: m)		° °	Logged By: R. J. JOHNSTON
Province: B.C.	Azimuth: 035 °	Dip Collar: -45 °		° °	Signed: R.J.

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	7.92		Casing		8778	17.50	19.30	1.80		1.0	143
					79	21.20	21.55	0.35		4.2	260
7.92	23.10	Granodiorite	Leucocratic, abund biot. Much whiter than dior in LK-86-34		80	22.50	23.10	0.60		.5	176
					81		24.12	1.02	.031	4.6	1010
			7.92-14.02 Poor recovery 20-50%. rusty core		82	27.14	28.70	1.56		.8	220
			17.50-19.30 Lt gy ser-sil alt, abund fine chl, wh		83	29.60	29.70	0.10	.089	3.3	3430
			qtz stringers.		84	33.20	33.66	0.46	.406	17.7	13900
			21.20-21.55 2 cm FG wh,pk qtz vein w/diss py,		85	36.00	36.48	0.48		1.0	129
			cp, sp.		86	37.80	38.00	0.20	.175	3.0	5900
			22.50-23.10 Lt gy sil'n adj to milky qtz-carb veins		87	88.01	88.15	0.14		.1	20
23.10	59.0	Lithic Tuff	M gy , Minor py. Locally abund qtz cc veining. Local flows	70-80° CA	88	100.84	101.65	0.81		1.1	18
			23.10-24.12 Lt gy ser-sil'n w/milky qtz carb veins			SLUDGE					
			27.50-28.70 Irreg wh cc-pk qtz veins 2-3cm w/diss								
			cp-py			7.92	10.36	2.44			240
			27.93-29.60 Dior dyke well fol 60-70°CA. FW con-								
			tact 30°CA. 5 cm qtz-py vein on contact.								

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
23.10	59.0	Tuff	32.50- Dark chl'd, sheared tuff. 33.20-33.66 Wk sil'n. local qtz-cp-py veining								
			36.0-36.48 Lt gy-gn sil'n w/ milky qtz-carb veining in 45°CA shear. Diss cp.								
			37.90 Irreg 1 cm bl-gy qtz vein w/mass py, 1 cm wide.								
			42.80-45.50 MG ep'd flow. 52.0-56.0 Ep'd feld xtl tuff.								
59.0	70.5	Ep'd Andesite Flow	FG-MG 2-3% ep in stringers, diss. Minor py. Local tuff beds.								
70.5	101.85	Tuff	M.d gy. Abund cc stringers. Tuff fabric local -ly gently folded. Local feld xtl tuff, minor	70°CA Tuff							
			ser tuff. 88.01-88.15 80°CA wh qtz vein								
			93.55-94.26 Lt gy sil-ser alt- minor vuggy. 100.84-101.65 Lt gy gn ser-clay alt w/milky qtz								
			-carb veining.								
			END OF HOLE								

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: R. J. Johnston

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	2.43		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	70-80°	17	12.85	-14.00	1.15		.6	260
			Local minor sil'n	CA	18		-14.70	0.70		.7	305
			6.70-7.50 MG ep'd and flow		19		-16.00	1.30		.5	240
			3.5-5.0 Local wk-mod sil'n		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		21		-20.00	2.00		.6	250
			throughout most of section. Or-rd ox fractures		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) FROM	TO	SAMPLE LENGTH	ASSAYS 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	46.00	47.00	1.00		.9	340
					34	49.50	50.50	1.00	.085	1.6	3130
			pyritized.		35	55.20	55.30	0.10		.8	147
			21.8-22.77 Dior sill		36	60.04	61.10	1.06		.3	178
			24.86-25.23 Sil'd dior 2% py.		37	61.31	61.61	0.30		5.2	710
					38	67.00	68.21	1.21		.2	91
25.47	68.21	Diorite	Local wk intense sil'n, 1% diss py.		39	78.00	79.50	1.50		.5	33
			28.50-31.70 Intense lt gy sil'n locally no orig								
			texture. Abund VEG wh qtz stringers 1-2% stringer y py. Local irreg low CA. pk-qtz wh cc veins			SLUDGES					
			→ 1 cm w/py, cp, sp.			2.44	4.26	1.82			121
			31.70-32.50 Mod sil'd dior w/ 2 low CA veins as			7.31	10.36	3.05			95
			above w/ py-cp-sp.								
			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								

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole 4. LK-86-34 Page 3 of 3

INTERVAL (metres) FROM	TO	ROCK TYPE	DESCRIPTION	PLANAR FEATURE ANGLE°	SAMPLE #	INTERVAL (metres) FROM	TO	SAMPLE LENGTH	ASSAYS Au oz/T	Ag oz/T	Au ppb
25.47	68.21	Diorite	20°CA wh qtz vein w/py-cp.								
68.21	92.66	Tuff	Dark tuff. Minor py, abund wh cc stringers,calc Minor ep. Local fine lithic tuff. Local ep'd	80°CA Fol.							
			Flow. 68.80-69.20 Broken limonitic core.								
			78.0-79.50 Minor sil'n around milky qtz-carb veins								
			89.0 20 cm of lt gy ser'd tuff.								
			END OF HOLE.								

Property: KENA Location Down Hole Surveys Etch Drilled By: BEAUPRE

Area (Map #): 82-F/6W Grid: 46+77N/49+27W Depth: Az: ° Dip: ° From-To: Oct 10, 11, 1986

Claim #: 1510 m El. 117.65 ° -64 ° Size(s): NQ

M.D./County: NELSON Length: 117.65 (Units: m) ° ° Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 040 ° Dip Collar: -60 ° ° ° Signed: R.J. Johnston

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		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

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
26.0-33.11		MG And. Flow	aplite, @ 45°CA 27.0-33.11 Darker gy, Local sil'd zones 1-2%		8690 91	39.00 -41.00 65.15-66.58		2.00 1.43			165 90
			brassy py.		92 93		-66.96 71.15-72.90	0.38 1.75			290 128
33.11-43.48		Silicified MG And Flow	As above, w/local y pyritic intensely sil'd bx'd zones.		94 95		-73.54 76.50- 78.50	1.64 2.00			910 108
			33.11-35.0 Irreg 1-2 cm py veins 41.0-43.48 Minor sil'n		96 97		-80.18 -82.50	1.68 1.32			150 121
43.48-65.15		Lithic Tuff	M.gy Abund stretched bk chil'd clasts.1% py. Minor sil'n. Grades into flow in last 2 m.	60-70° CA Tuff	98 99		-84.90 86.50-86.58	2.40 0.08			120 900
65.15-85.49		Silicified And. Flow	Lt m gy FG MG, w/local mod intense sil'n bx'n.		8700 01	91.85-93.40 104.50-106.12		1.55 1.62			200 118
			65.15-67.06 Intense bl-gy sil'd zones-bx'd veins (?), w/5% y py.		02 03		-108.00 -110.25	1.88 2.25			210 127
			67.06-68.40 Dark tuff. 68.40-71.15 Weakly sil'd flow-minor crackle bx.			SLUDGES					
			71.15-72.90 MG mod sil'd flow. 1% py in crackle bx 72.90-73.54 Int bk-gy sil'n w/5 cm of y py vein			2.44-4.88 -7.92		2.44 3.05			510 430
			@ 45°CA 73.54-76.50 wkly sil'd coarse flow				-10.97	3.05			940
			76.50-80.18 Intensely sil'd crackle bx zones w/1-2% y py.								
			80.18-84.90 Dark tuff w/local 5-10 cm lt gy sil'd flow. Minor y py in crackle bx. local FG ep'd								
			flow.								
85.49-110.25		Andesite Flow	M.gy 1-2% diss & stringer py. Abund aug porphyry Minor local sil'n. Local minor tuff.								

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
85.19	110.25	Andesite Flow	86.50-86.58 Bl-gy qtz vein(?) 80°CA w/ 2% y py. 91.85-93.40 Local 2-5 cm brassy py veins → 3 cm								
			100.0-102.2 Dark sheared, chl'd tuff. Sharp 60°CA contacts w/ lt gy weakly sil'd flow.								
			103.17-103.47 sheared tuff w/sharp 60°CA contacts. 104.50-110.25 Lt gy mod sil'd flow, crackle bx.								
			Minor py. 106.12-110.25 Intense sil'd crackle bx. Minor py.								
110.25	113.90	Lithic Tuff	M.gy Well dev fabric, locally abund wh cc-qtz veining. Dark tuff to bottom. Sharp 60°CA contact	60°CA Tuff							
113.90	117.65	FG Epidotized Flow.	FG M.gy-gn 5-10% ep in stringers, FG coarse masses.								
			END OF HOLE								

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole # LK-86-37 Page 1 of 3

Property: KENA Location Down Hole Surveys Etch Drilled By: BEAUPRE

Area (Map #): 82-F/6W Grid: 47+25N/49+27W Depth: - Az: ° Dip: ° From-To: Oct 9, 1986

Claim #: 1510 m Elev. 129.54 ° -57 ° Size(s): NQ

M.D./County: NELSON Length: 129.54 (Units: m) ° ° Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 040 ° Dip Collar: -50 ° ° ° Signed: R.J. Johnston

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		8583	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%		99		-49.00	2.00		1.1	179
			40.5-41.30 Local 3 cm wh qtz-cc veins w/20% py		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
					52		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
					54		59.00	2.00		1.1	180
			Local py mass veins 70°CA.		55		61.00	2.00		.8	590
			43.0-50.0 Lt bn fg biot(?) carb(?) alt throughout		56		62.70	1.70		.7	134
			ass w/py.		57		64.50	1.80		.1	46
			53.0-56.0 Intense sil'n, 1-5% py.		58		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
					60		68.40	1.10			170
			67.3-68.4 10-15% y py in mod sil'd crackle bx.		61		70.50	2.10			210
			70.5-71.45 Tuff		62	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
					64		75.00	1.00	.036		1250
75.0	101.70	Lithic Tuff	M.gy w/local stretched bk, chl'd lithic clasts	60-70°	65		76.00	1.00			950
			Some int clasts. Minor ep.	CA Tuff	66	83.80	84.80	1.00			180
			82.50-85.85 MG Flow		67	89.81	91.93	1.12			170
			83.80-84.30 Intense bl-gy sil'n w/15% y py		68	95.01	96.70	1.69			970
			89.81-91.93 VFG lt gy-pk aplite dyke. Diss py.		69	121.54	121.36	0.34			110
			Sharp contacts 80°CA		70	125.50	126.20	0.70			670
			95.01-96.70 Mod-intensely sil'd flow. 2-3% y py,		71		128.00	1.80			640
			local cackle bx. tr cp. Local 85°CA bl-gy qtz								
			veins - 2 cm.								
			97.0-101.70 Dark tuff, abund wh cc veining. Minor				SLUDGES				
			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				35.05	3.05			1280
			diss py. Local lt gy mg flow. Minor qtz veining				38.10	3.05			480

LACANA MINING CORPORATION DIAMOND DRILL RECORD Hole #. LK-86-37 Page 3 of 3

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
101.70	115.28	Epidotized FG Flow	Minor sil'n. 114.60-115.28 Lt gy lithic tuff. Sharp 70°CA			SLUDGES					
			contacts.			38.10	41.15	3.05			350
							44.20	3.05			590
115.28	129.54	MG Epidotized Flow	FG-MG flow sim to above. Local lithic tuff				47.24	3.05			360
							50.29	3.05			210
			121.54-121.86 Lt gy MG granodiorite dyke 125.0-E.O.H. Local minor sil'n crackle bx'n.				53.34	3.05			305
							56.39	3.05			410
			128.80 5 cm wide wh qtz & py in 45°CA vein.				59.44	3.05			330
							62.48	3.05			480
			END OF HOLE				65.53	3.05			215
							68.58	3.05			1010
							71.63	3.05			930
							74.68	3.05			405
							77.72	3.05			710
							80.77	3.05			1900

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: R.J.J.

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 31.0-40.58 Lt gy sil'd lithic tuff - minor py.		48		36.00	2.00			24
					49		36.59	0.59			50
			31.46 D.gy fg veins w/py 45°CA 36.65 30°CA wh qtz vein 0.5 cm w/abund cp-py-sp-		50		36.79	0.20	.041	3.3	490
					51		38.50	1.71			126
			hem. 40.58-43.16 Gy-bn mod-int-sil'd bx. Abund d.gn bk		52		40.58	2.08			160
					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) FROM	TO	SAMPLE LENGTH	ASSAYS 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 30-50° CA		60	73.45	73.80	0.35	.030		1020
					61	75.80	76.40	0.60	.390		14230
			56.0-60.0 Mod-intense sil n. Local crackle bx. minor py.		62	80.50	81.50	1.00	.132		5100
					63		82.15	0.65			133
60.00	82.15	MG Andesite Flow	MG m.gy Local stretched clasts.1% diss py. Local dk tuff. Local gy-pk sil'n adj to milky qtz veins	70°CA Tuff	64		85.70	3.55		.6	370
					65		86.60	0.90	.046	.5	1690
			63.70-64.62 gy-pk sil'n incl single pp qtz vein w/diss cp.		66		87.90	1.30		.7	330
					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% y py.		70		99.40	1.05		1.1	420
					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 matrix.				14.02	3.05			920
							17.07	3.05			220
95.52	102.66	Silicified Flow	Wk sil'n, minor crackle bx throughout. Discrete int bl-gy sil;n-bx'd veins 40-60°CA				20.12	3.05			260
							23.16	3.05			103

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
95.52	102.66	Silicified Flow	w/ mass y py. 95.52-96.20 Int bl-gy sil'n, bx'n; 10% y py.			SLUDGE					
			98.35-99.40 " " " " 100.50-102.66 Int sil'd dior(?) w/abund 70°CA bl-			23.16	26.21	3.05			122
			gy qtz veins w/mass y py.								
102.66	109.80	Dark Tuff	Minor py. Local minor mass py veins. Abund wh cc qtz stringers.	60-80° CA Tuff							
			104.25-105.13 Sil'd bx'd flow. 2-3% py 106.40-107.33 " " " FG diss								
			dk bl specks								
109.80	132.0	Epidotized Flow	FG, d. gy-gn w/ep stringers & FG masses ass w/py. Abund cc stringers. Local aug porphyry flows.								
			Local tuff. 115.30 3 cm wide 45°CA brassy py vein.								
			112.35-124.26 Aplite dyke 90°CA HWcontact, 45°CA FW contact w/ flow 2 cm of py								
			124.26-127.50 Tuff 50-60°CA								
132.0	138.99	Dark Tuff	Bk, chl'd abund cc stringers, Minor py. 136.37-136.75 wk sl-ser alt tuff adj to 1 cm	60-80° Tuff							
			py vein 60°CA. 137.0 10 cm mud seam.								
			END OF HOLE.								

Property: KENA Location Down Hole Surveys Etch Drilled By: BEAUPRE

Area (Map #): 82-F/6W Grid: 46+75N/49+52W Depth: - Az: ° Dip: ° From-To: Oct 12, 13, 1986

Claim #: 1520 m Elev. 145.08 ° -64 ° Size(s): NQ

M.D./County: NELSON Length: 145.08 (Units: M) ° ° Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 040 ° Dip Collar: -60 ° ° ° Signed: R. J. [illegible]

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

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
101.0	118.50	Dark Tuff	Local brassy py stringers, bands. Local bl-gy sil'n w/ y py in veins 5-50 cm	80°CA Tuff		SLUDGES					
			104.30-106.60 Intense bl-gy sil'n w/y py → 10%			23.16	26.21	3.05			175
			108.50-110.20 " " " 2% py in 3				29.26	3.05			390
			sections 20-50 cm				32.31	3.05			1060
							35.36	3.05			1310
118.50	136.50	Epidotized FG Flow	Gy-gn FG w/5% ep in stringers, masses w/2-3% brassy py. Abund wh cc stringers.				38.40	3.05			990
							41.45	3.05			350
			127.90-128.20 30°CA vein of mass brassy py, 8 cm wide.								
			129.34-130.10 Lt gy ser-sil-alt'n								
136.50	145.08	Dark Tuff	D.gy-bk, sheared chl'd abund cc stringers	70-80° Tuff							
			138.79-141.20 Aplite dyke. 50 cm of lt gy sil-ser alt in tuff at contacts. Lower contact indistinct-sil'd bx'd, 30°CA py stringers.								
			END OF HOLE								

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: R. J. Johnston

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		-7.00	2.12		.4	122
					27		-9.06	2.06		.4	42
4.88-9.06		Silver King Porphyry	Abund rd-or weath around fractures		28		-10.80	1.74		.6	340
					29		-13.00	2.20		.4	161
9.06-13.00		Andesite Flow	Lt-m-gy 1-2% diss, stringer py. Local sil'n, abund wh qtz-carb veining		30		-15.00	2.00		.5	210
					31		-17.00	2.00		.2	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		-19.00	2.00		.2	43
					33		-21.00	2.00		.4	91
			11.60 1 cm vein of mass py py 80°CA		34		-22.62	1.62		.1	77
					35		-24.00	1.38		.4	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		-26.00	2.00		.4	200
					37		-27.03	1.03		1.3	590
			to bottom		38		-29.00	1.97		.4	420
					39		-31.00	2.00		.3	340
22.62-27.03		Epidotized Dark Tuff	D-gy-bk, w/irreg fabric. Abund ep, wh cc veins & stringers	60°CA Tuff	40		-32.98	1.98		.2	107
					41		-33.29	0.31		.5	5

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
27.03-42.80		Silver King Porphyry	Lt gy, ser'd. Minor py. Sharp 70°CA contacts 32.98-33.39 FG lamprophyre dyke		8842	33.29-35.00		1.71		.4	560
					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 wk sil'n		46	-46.00		2.00		.7	190
					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
			ritic 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 veining		56	-65.50		1.50		.2	176
					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) FROM	TO	SAMPLE LENGTH	ASSAYS Au oz/T	Ag ppm	Au ppb
93.0-104.0		Silicified Coarse And Flow	80-90°CA 102.90 10 cm of 5 mm FG py masses w/qtz veins		8870 71	90.00-91.10 -91.48		1.10 0.38	.113	1.3 6.8	650 3650
104.0-138.28		Tuff	Feld xtl tuff, local dk tuff. 1% py Local 2-3 cm qtz-py veins 90°	60-80° CA Tuff	72 73	-93.00 -95.00		1.52 2.00		.7 .7	190 230
			105.42-105.62 3 cm FG wh qtz vein 20°CA w/FG py -sp-cp-ga.		74 75	-97.00 -99.00		2.00 2.00		.7 .6	155 99
			121.93-122.05 4 cm FG gy qtz vein w/20% y py, 60° CA		76 77	-101.00 -103.00		2.00 2.00		.4 .7	150 160
			124.19-124.30 80°CA qtz vein w/50% py. 129.94-131.72 Aplite dyke		78 79	-104.00 -105.42		1.00 1.42		1.5 .6	405 39
			132.78-132.92 45°CA 2 cm mass py vein. 134.64-135.67 Lt gy wh clay alt'n.		80 81	-105.62 -107.00		0.20 1.38		21.3 1.0	305 141
138.28-146.0		FG Epidotized Flow	FG gy-gn w/2-5% ep, diss masses & stringers ass w/py. Abund wh cc veining		82 83	-109.00 -111.00		2.00 2.00		1.0 .9	340 375
			Gradational		84 85	-113.00 -115.00		2.00 2.00	.129	1.5 .8	4130 190
146.0-154.23		Dark Tuff/Flow	D.gy-bk. FG Sim to above w/ no ep. 147 -149 Local 2-3 cm irreg wh qtz veins w/		86 87	-117.00 -119.00		2.00 2.00		1.2 .7	410 260
			py & cp. 152.26-154.23 Lt gy lithic tuff 60-70°CA. Sharp		88 89	-120.50 -121.93		1.50 1.43		.6 .7	170 250
			80°CA contact		90 91	-122.05 -124.19		0.12 2.14	.043	4.1 .7	1580 270
154.23-163.37		Dark Tuff	M.d.gy Locally rubbly 1-2% py. Local ep. Local flows Abund wh cc stringers	60-80° CA Tuff	92 93	-124.30 -126.00		0.11 1.70	.049	7.5 .5	1560 240
			157.28-157.45 Wh FG irreg qtz vein - minor cp		94 95	-128.00 -129.94		2.00 1.94		.6 1.4	370 910
			END OF HOLE		96 97	-131.72 -132.78		1.78 1.06		.2 .9	118 390

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
					8898	132.78	-132.96	0.18		.9	360
					99		-134.64	1.68	.041	2.7	1460
					8900		-135.67	1.03		.7	230
					83		-138.28	2.65		1.1	250
					84		-140.50	2.22		1.3	550
					85		-142.50	2.00		1.4	850
					86		-144.50	2.00		.8	450
					87		-146.50	2.00		.9	230
					88		-149.00	2.50		1.5	260
					89		-151.00	2.00		1.5	610
					90		-152.26	1.26		.8	390
					91		-154.23	1.97		.3	205
					92		-156.00	1.77		.5	415
					93		-157.28	1.28		.4	215
					94		-157.45	0.17		1.8	69
					9012		-159.50	2.05		.4	220
					13		-161.50	2.00		.3	390
					14		-163.37	1.87		.4	240
							SLUDGES				
						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) FROM	TO	SAMPLE LENGTH	ASSAYS Au oz/T	Ag ppm	Au ppb
						SLUDGES					
						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

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
						SLUDGES					
						123.75	126.80	3.05			1790
							129.84	3.05			1710
						3.05	4.87	1.82			490
							5.47	0.60			740
						12.80	14.02	1.22			260
							17.07	3.05			310

Property: KENA Location Down Hole Surveys Etch Drilled By: BEAUPRE

Area (Map #): 82-F/6W Grid: 47+63N/49+25W Depth: Az: ° Dip: ° From-To: Oct 15, 1986

Claim #: 1520 m Elev. 105.16 ° -60 ° Size(s): NQ

M.D./County: NELSON Length: 105.16 (Units: m) ° ° Logged By: R. J. JOHNSTON

Province: B.C. Azimuth: 040 ° Dip Collar: -50 ° ° ° 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	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 FGMG 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		01	43.50	45.50	2.00		.5	260
			12.59-13.11 FG lamp dyke		02		47.50	2.00		.6	300
13.11	21.37	Dark Flow	Abund ep, cc stringers FG gy-gn ep flows	70°CA	03	51.00	53.00	2.00		.9	400
			16.23-16.72 Dk bl gy qtz vein w/VFG black streaks,	Tuff	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) FROM	TO	SAMPLE LENGTH	ASSAYS 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
62.0	65.33	Silicified Flow	Bl-gy mod intense crackle bx 2-3%.				13.72	3.05			460
							16.76	3.05			1250
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.				19.81	3.05			1350
							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
			74.38-77.00 aplite dyke lt gy-bn VFG, hard, w/ local diss py, Bx'd qtz veins				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				38.10	3.05			250
							41.15	3.05			210
			porphyry				44.20	3.05			320
			80-50-82.50 Local sil'n adj to 45°CA qtz vein.				47.24	3.05			300
			86. -88. MG ep'd flow.				50.29	3.05			640
							53.34	3.05			470
			END OF HOLE.				56.39	3.05			360
							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

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
						83.82	86.87	3.05			250
							89.92	3.05			330
						92.96		3.05			360
							96.01	3.05			135
						99.06		3.05			155
							102.11	3.05			210
						105.16		3.05			480

APPENDIX VII

DRILL CORE MULTI-ELEMENT ANALYSES

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

LACANA MINING PROJECT - 6919 FILE # 86-2869

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
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	.14	12	510

LK-86-24

K-86-23

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

LACANA MINING PROJECT - 6919 FILE # 86-2891 PAGE 1

LK-86-25

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
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	.06	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	NB	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

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.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 CORES P3-SLUDGE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

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

LACANA MINING PROJECT - 6919 FILE # 86-2942 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
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	7	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	.148	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

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.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

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

LACANA MINING PROJECT - 6919 FILE # 86-3054 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Au** OZ/T
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	535	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	-

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Au** OZ/T
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-86-23

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.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# 86-3101

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
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-86-28

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.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.

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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	Au* 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

LC-86-28

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.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. Toye ...DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3125 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
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
LK-86-28																															
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
LK-86-29																															
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	266	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	18	16	18	64	.45	.107	37	59	.88	185	.08	34	1.73	.06	.14	12	505

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU** BY FIRE ASSAY

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

LC-86-29

LACANA MINING PROJECT - 6919 FILE # 86-3155 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Au** OZ/T
8442	8	195	14	33	.5	10	18	489	6.64	12	5	ND	2	74	1	2	2	105	2.49	.142	10	9	1.99	43	.17	4	1.56	.09	1.14	3	105	-
8443	4	256	6	30	.4	12	24	297	7.93	7	5	ND	2	65	1	2	2	120	1.65	.138	3	12	2.52	34	.12	3	1.67	.08	1.20	1	43	-
8444	3	76	7	24	.5	11	21	297	7.76	2	5	ND	2	76	1	2	2	124	2.22	.145	5	5	1.50	27	.08	5	1.06	.10	.77	1	230	-
8445	7	14	7	23	.3	12	24	232	7.04	2	5	ND	2	57	1	2	2	146	1.65	.143	7	7	1.81	22	.11	6	1.16	.11	.85	1	51	-
8446	2	14	26	38	.7	10	21	320	7.12	5	5	ND	2	59	1	2	2	131	1.53	.137	2	11	2.11	31	.13	3	1.36	.11	1.01	1	53	-
8447	3	12	10	19	.3	14	18	286	6.52	5	8	ND	2	86	1	2	2	99	2.13	.114	2	16	1.28	26	.06	4	.87	.10	.62	1	105	-
8448	6	19	14	26	.4	15	21	260	7.26	4	5	ND	2	61	1	2	2	107	1.32	.105	7	18	1.59	21	.09	5	1.07	.10	.79	1	107	-
8449	2	26	7	31	.1	14	22	303	5.46	2	5	ND	2	64	1	2	2	115	1.30	.122	2	22	1.99	39	.09	3	1.35	.09	.91	1	190	-
8450	7	29	10	32	.5	16	23	287	5.92	3	5	ND	3	64	1	2	2	114	1.24	.122	4	24	1.91	34	.08	2	1.31	.10	.84	1	250	-
8451	10	27	12	19	.2	8	30	319	9.28	8	5	ND	3	109	1	2	2	47	2.06	.133	4	4	1.26	24	.04	3	.96	.08	.53	1	131	-
8452	4	142	10	38	.3	18	20	548	5.99	7	5	ND	2	241	1	2	2	86	3.91	.116	5	25	2.01	47	.14	2	1.62	.09	1.24	3	72	-
8453	7	219	6	32	.4	14	19	419	5.87	2	7	ND	3	154	1	2	2	86	2.88	.124	4	15	2.04	47	.15	4	1.66	.10	1.08	1	45	-
8454	3	136	7	34	.4	12	13	722	5.49	2	5	ND	2	147	1	2	2	128	3.49	.116	3	29	2.22	50	.24	4	1.84	.10	1.43	1	87	-
8455	1	347	8	36	.5	10	19	764	4.76	2	5	ND	3	217	1	2	2	96	5.04	.135	3	13	1.79	65	.17	4	1.57	.09	.96	1	102	-
8456	8	316	6	36	1.2	19	27	536	6.55	6	6	2	2	116	1	2	2	104	2.93	.110	6	27	2.15	37	.10	5	1.54	.09	.76	2	1910	.059
8457	4	93	7	49	.6	19	19	342	6.75	2	5	ND	2	46	1	2	2	157	1.77	.115	3	37	2.56	26	.14	7	1.61	.10	.64	1	1040	.028
8458	2	99	3	53	.3	25	26	475	6.33	6	5	ND	1	52	1	2	2	164	2.14	.095	4	48	2.49	33	.18	5	1.68	.09	.85	1	57	-
8459	4	140	7	28	.3	21	26	462	5.75	2	5	ND	2	63	1	2	2	99	2.34	.140	4	44	1.89	30	.17	4	1.41	.09	.88	1	66	-
8460	7	117	4	49	.3	30	26	492	7.22	15	5	ND	2	43	1	2	2	152	1.57	.097	6	70	2.81	34	.18	3	1.78	.09	1.01	1	42	-
8461	3	216	5	39	.4	7	13	507	4.78	3	5	ND	2	139	1	2	2	73	4.68	.171	7	11	1.54	50	.10	7	1.37	.09	.97	1	72	-
8462	4	278	8	40	.6	17	19	836	6.38	4	5	ND	2	135	1	2	3	128	4.17	.119	2	35	2.28	45	.12	7	1.64	.10	.97	1	126	-
8463	6	706	12	39	.9	29	34	908	14.98	12	5	ND	2	94	1	2	3	104	2.47	.066	2	15	2.10	12	.10	2	1.29	.08	.80	1	210	-
8464	9	473	18	30	1.0	6	22	516	5.41	5	5	ND	2	158	1	2	2	64	3.49	.151	2	4	1.28	39	.04	4	.87	.09	.40	1	790	-
8465	2	643	31	49	1.8	3	8	544	3.26	4	6	ND	2	246	1	8	2	12	3.81	.124	4	2	1.13	41	.01	4	.28	.07	.19	1	560	-
8466	3	158	7	15	.4	2	8	352	2.68	7	5	ND	2	281	1	9	3	11	3.08	.095	4	1	.89	24	.01	3	.29	.07	.19	1	125	-
8467	7	433	10	31	.7	8	18	398	4.27	2	5	ND	3	115	1	2	2	46	2.02	.117	4	7	1.45	41	.08	6	.97	.08	.68	1	230	-
8468	3	499	10	31	.7	4	18	371	4.28	6	5	ND	3	129	1	2	2	39	2.25	.149	2	4	1.32	51	.08	3	1.04	.08	.71	1	118	-
8469	2	934	7	42	1.4	6	15	467	5.37	5	5	ND	3	105	1	2	2	60	1.85	.137	2	7	1.70	40	.11	4	1.16	.09	.82	1	450	-
8470	3	471	8	38	1.0	9	16	815	4.31	5	5	ND	2	253	1	2	2	41	4.01	.117	5	15	1.28	48	.09	7	.95	.09	.68	1	530	-
8471	3	575	9	31	.9	2	8	489	2.74	8	5	ND	2	203	1	2	3	25	3.27	.093	6	2	.72	51	.01	3	.49	.08	.25	1	190	-
8472	6	198	9	25	.6	4	17	564	4.58	2	8	ND	3	298	1	2	2	22	3.94	.119	2	1	1.08	44	.04	7	.68	.08	.46	1	220	-
STD C/AU-R	20	58	35	127	6.7	63	27	963	3.99	35	18	7	34	47	17	17	18	64	.48	.095	35	55	.88	178	.08	34	1.73	.09	.12	14	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.SN.Y.NB 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. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3156 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
LK-86-29																															
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
LK-86-30 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	.08	.14	13	500

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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: 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. Toye ...DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3217 PAGE 1

UC-36-37

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Au** 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.SN.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. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3221

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

LL-86-31

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	Aut PPB	Autt OZ/T
LK-86-32																																
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	-
LK-86-37 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	-
LK-86-36 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	-

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	568	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-30-37

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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: 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. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

LACANA MINING PROJECT - 6919 FILE # 86-3229 A

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Au** OZ/T
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-86-34

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.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: CORE P2-sludges

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 # 86-3220A

	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
	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
LK-86-34	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	.69	.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	5.2	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
LK-86-38	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
LK-86-35	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

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.SN.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

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
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

K-86-38

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Au** 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	220	-
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	.03	.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-36-35

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.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

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
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

CK-86-40

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
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

LK-86-40

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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: CORE AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU** BY FIRE ASSAY

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

LACANA MINING PROJECT - 6919 FILE # 86-3291 PAGE 1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB	Au** OZ/T
8844	1	30	5	21	.3	2	4	571	1.72	5	5	ND	2	163	1	2	2	10	2.72	.053	7	1	.22	52	.03	2	.53	.05	.26	1	260	-
8845	8	284	10	55	.7	18	21	798	6.18	11	5	ND	3	194	1	2	2	81	3.10	.133	14	17	2.00	39	.17	6	1.83	.06	1.63	1	280	-
8846	7	346	8	52	.7	21	19	679	6.75	5	5	ND	3	170	1	2	2	77	2.44	.138	10	18	1.96	29	.16	7	1.73	.05	1.47	1	190	-
8847	6	210	12	53	.6	20	20	696	6.88	7	5	ND	3	140	1	2	2	69	2.46	.143	11	15	1.91	40	.18	9	1.73	.05	1.53	1	260	-
8848	6	195	9	53	.5	19	20	772	6.12	9	5	ND	3	167	1	2	2	81	2.57	.144	10	20	2.00	33	.13	8	1.78	.06	1.32	1	186	-
8849	5	173	11	50	.7	6	21	533	6.07	4	5	ND	3	98	1	2	2	68	1.63	.147	11	1	1.66	33	.15	5	1.51	.05	1.21	1	300	-
8850	5	342	8	58	.5	8	10	816	5.74	8	5	ND	3	138	1	2	2	72	2.50	.133	8	7	1.85	42	.19	7	1.82	.05	1.52	1	310	-
8851	1	43	7	25	.2	4	8	612	3.28	4	5	ND	2	162	1	2	2	47	3.50	.100	8	9	.96	40	.11	3	1.03	.05	.73	1	109	-
8852	1	245	8	23	.4	3	7	574	2.99	2	5	ND	3	158	1	2	2	46	3.27	.100	10	4	.94	38	.11	3	1.02	.06	.73	1	133	-
8853	1	137	6	25	.4	3	8	557	3.13	4	5	ND	3	158	1	2	2	46	2.99	.108	9	4	.98	41	.11	5	1.07	.06	.71	1	120	-
8854	2	174	8	26	.5	4	12	580	3.64	3	5	ND	2	160	1	2	2	41	3.05	.098	7	3	.99	38	.10	2	1.01	.05	.76	1	270	-
8855	1	195	4	34	.4	3	7	728	3.40	2	5	ND	3	177	1	2	2	52	3.33	.120	8	3	1.25	48	.13	2	1.28	.06	1.01	1	107	-
8856	2	50	6	73	.2	4	11	621	3.52	2	5	ND	3	193	1	2	2	44	3.67	.105	9	4	1.03	39	.10	3	1.08	.06	.75	2	176	-
8857	1	21	5	25	.2	4	8	530	3.12	2	5	ND	3	169	1	2	2	37	3.22	.101	8	3	.87	46	.10	5	1.00	.06	.76	1	128	-
8858	4	69	7	34	.2	7	14	611	3.45	3	5	ND	2	184	1	2	2	49	3.19	.111	9	6	1.09	57	.13	3	1.22	.06	.93	1	240	-
8859	1	129	8	34	.3	12	6	605	3.08	2	5	ND	2	187	1	2	2	43	3.20	.100	10	14	1.06	53	.14	2	1.26	.06	1.01	1	148	-
8860	2	385	8	30	.8	3	10	541	3.25	2	5	ND	2	196	1	2	2	46	3.35	.102	9	4	.88	35	.10	4	1.01	.06	.77	2	200	-
8861	1	206	9	36	.5	3	10	746	3.26	2	5	ND	3	230	1	2	2	51	3.90	.113	10	5	1.01	56	.10	2	1.18	.06	.86	1	182	-
8862	4	306	16	46	.7	3	10	832	3.30	2	5	ND	2	336	1	2	2	49	5.21	.129	6	1	1.10	54	.08	2	1.09	.06	.73	2	220	-
8863	1	75	9	40	.3	5	11	819	3.75	2	5	ND	2	280	1	2	2	76	4.61	.117	8	2	1.18	55	.10	2	1.30	.06	.79	1	340	-
8864	1	83	9	37	.2	3	9	726	2.94	2	5	ND	3	262	1	2	2	51	4.28	.111	8	2	1.03	69	.11	2	1.20	.06	.87	1	190	-
8983	4	860	9	58	1.1	17	25	755	5.57	5	5	ND	2	109	1	2	2	140	3.27	.115	7	32	2.32	72	.25	3	2.23	.07	1.90	1	250	-
8984	3	1037	12	65	1.3	24	34	1026	6.67	11	5	ND	1	115	1	2	2	150	2.96	.097	12	41	2.93	40	.28	4	2.60	.06	2.16	1	550	-
8985	3	929	11	79	1.4	30	24	921	6.91	9	5	ND	1	123	1	2	2	162	2.78	.098	7	56	2.94	30	.25	2	2.48	.07	1.77	1	850	-
8986	5	456	11	59	.8	27	21	1109	7.32	7	5	ND	1	151	1	2	2	216	3.93	.091	11	59	3.37	32	.23	2	2.74	.07	1.57	1	450	-
8987	4	505	11	63	.9	22	27	961	7.64	9	5	ND	2	113	1	2	2	210	2.94	.103	6	39	3.46	28	.22	3	2.86	.07	1.69	1	230	-
8988	4	1152	16	80	1.5	21	24	1094	9.24	9	5	ND	2	117	1	2	2	188	4.71	.095	16	36	3.09	27	.20	2	2.65	.07	1.48	1	660	-
8995	4	404	7	45	.8	5	14	818	4.95	8	5	ND	2	140	1	2	2	81	3.33	.164	9	6	1.67	52	.18	4	1.78	.06	1.41	1	200	-
8996	4	312	8	53	1.0	14	24	728	4.92	16	5	ND	3	105	1	2	2	87	2.64	.148	10	21	1.75	29	.15	2	1.54	.06	1.16	1	230	-
8997	3	43	19	76	.8	201	26	1080	5.05	5	5	ND	36	2066	1	2	2	83	7.59	.719	292	178	5.70	1221	.07	2	2.76	.16	2.04	1	12	-
8998	4	97	36	35	46.8	12	25	608	7.51	70	5	11	1	55	1	2	61	54	2.22	.041	7	23	.84	18	.05	2	.72	.04	.46	2	11200	.338
8999	4	1260	12	85	1.8	24	41	1442	8.53	28	5	ND	2	85	1	2	2	183	2.50	.101	10	86	3.40	26	.25	2	3.05	.06	2.62	1	830	-
9000	4	71	7	49	.4	4	17	478	4.53	7	5	ND	3	96	1	2	2	80	1.83	.136	8	2	1.92	44	.19	2	1.74	.07	1.44	2	220	-
9001	9	427	12	86	.5	16	21	591	6.63	9	5	ND	3	138	1	2	2	140	1.88	.140	8	38	2.59	31	.25	2	2.32	.07	2.06	1	260	-
9002	4	274	12	74	.6	15	12	777	7.14	10	5	ND	3	167	1	2	2	164	2.46	.125	6	40	2.67	52	.32	2	2.77	.07	2.54	1	300	-
9003	6	261	16	73	.9	19	45	551	8.29	19	5	ND	2	80	1	2	2	127	1.39	.132	12	37	3.13	23	.24	3	2.32	.07	2.23	1	400	-
STD C/AU-R	21	58	39	129	6.8	70	29	966	3.95	36	17	7	32	45	17	15	20	61	.48	.099	35	55	.88	170	.08	37	1.73	.08	.13	14	490	-

LK-86-40

LK-86-41

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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: CORE AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE. AU## BY FIRE ASSAY

DATE RECEIVED: OCT 20 1986 DATE REPORT MAILED: Oct 28/86 ASSAYER. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER.

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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	Au# PPB	Au## OZ/T
8865	3	91	18	42	.4	23	9	634	3.07	2	7	ND	4	233	1	2	3	47	3.61	.109	6	16	.93	62	.12	3	1.06	.07	.93	1	265	-
8866	2	298	13	51	.8	4	15	540	5.11	7	8	ND	3	195	1	2	3	78	2.69	.175	6	2	1.41	48	.15	4	1.38	.06	1.27	1	155	-
8867	3	259	16	53	.7	4	13	561	4.80	5	8	ND	3	216	1	4	2	73	2.43	.168	5	3	1.36	49	.11	4	1.26	.05	1.05	1	210	-
8868	7	154	12	133	.5	41	11	1357	7.26	4	5	ND	3	210	1	2	2	204	2.56	.084	7	249	4.98	68	.30	3	3.72	.06	3.91	1	590	-
8869	31	200	38	55	.9	12	27	528	5.59	6	5	ND	4	145	1	2	2	64	1.50	.141	3	17	1.56	40	.09	2	1.22	.05	.99	1	340	-
8870	6	571	15	70	1.3	10	17	601	5.47	3	6	ND	4	148	1	2	2	73	1.72	.139	5	11	1.92	39	.16	6	1.52	.06	1.44	1	650	-
8871	9	3911	25	91	6.8	11	43	260	20.75	25	9	ND	3	67	2	5	2	50	.76	.033	13	2	.74	11	.05	2	.75	.04	.59	1	3650	.113
8872	3	261	14	59	.7	9	22	483	5.42	4	5	ND	4	136	1	2	2	99	1.65	.137	2	10	1.83	36	.13	4	1.41	.07	1.26	1	190	-
8873	5	417	10	60	.7	11	16	560	4.45	2	5	ND	4	121	1	2	2	110	1.66	.120	5	13	2.25	55	.17	4	1.70	.07	1.71	1	230	-
8874	6	408	5	61	.7	12	22	494	6.05	3	5	ND	4	97	1	2	2	119	1.33	.131	8	17	2.31	38	.21	6	1.85	.07	1.95	1	155	-
8875	3	438	8	53	.6	13	17	407	5.62	3	5	ND	3	76	1	2	2	127	1.11	.125	9	25	2.17	37	.20	3	1.80	.07	1.82	1	99	-
8876	3	291	8	54	.4	9	7	525	4.60	2	5	ND	4	125	1	2	2	76	1.67	.122	5	12	2.02	51	.20	3	1.71	.07	1.68	1	150	-
8877	8	336	13	51	.7	11	17	485	6.46	4	5	ND	4	119	1	2	2	88	1.62	.125	4	10	1.47	40	.16	3	1.37	.07	1.33	1	160	-
8878	5	780	22	48	1.5	17	19	442	6.41	3	5	ND	4	121	1	3	2	85	1.56	.112	6	12	1.19	31	.12	6	1.11	.06	1.01	1	405	-
8879	4	181	28	79	.6	6	7	539	3.92	2	5	ND	4	119	1	2	2	97	1.63	.145	5	14	1.92	70	.20	3	1.72	.07	1.66	1	39	-
8880	3	704	3392	5019	21.3	8	27	403	4.78	19	5	ND	2	121	137	5	47	18	1.32	.089	5	4	.53	28	.04	6	.57	.03	.49	1	305	-
8881	3	350	34	71	1.0	6	26	528	6.04	6	10	ND	4	169	1	2	2	67	2.09	.128	4	6	1.53	36	.14	4	1.37	.07	1.25	1	141	-
8882	5	523	30	70	1.0	9	20	509	5.18	5	6	ND	5	188	1	5	2	56	2.37	.124	3	8	1.35	40	.13	5	1.29	.06	1.22	1	340	-
8883	3	449	49	107	.9	3	13	583	5.94	4	5	ND	3	169	2	2	2	105	1.67	.123	8	1	1.72	51	.24	5	1.83	.06	1.71	1	375	-
8884	5	696	30	78	1.5	4	21	567	6.19	8	5	3	4	116	1	2	2	102	1.36	.121	3	1	1.67	33	.21	2	1.65	.06	1.59	1	4130	.129
8885	4	391	12	89	.8	27	28	882	7.00	7	5	ND	4	130	1	2	2	172	2.22	.120	8	74	3.31	47	.34	5	2.85	.06	2.94	1	190	-
8886	6	501	14	76	1.2	20	39	831	6.84	3	5	ND	4	134	1	2	2	121	2.38	.168	10	41	2.43	40	.29	2	2.27	.06	2.30	1	410	-
8887	5	315	10	82	.7	18	25	1003	7.31	7	5	ND	4	147	1	2	2	153	2.85	.147	10	36	2.77	46	.33	3	2.66	.06	2.69	1	260	-
8888	4	170	9	74	.6	16	17	1009	5.99	3	5	ND	3	140	1	2	2	131	2.91	.127	9	27	2.35	57	.29	5	2.19	.06	2.18	1	170	-
8889	5	219	15	110	.7	22	26	938	7.29	6	5	ND	3	121	1	2	2	183	2.03	.102	10	48	2.96	27	.29	5	2.52	.07	2.39	1	250	-
8890	5	3378	32	68	4.1	13	62	368	14.58	14	11	ND	4	67	1	5	2	70	1.18	.061	13	6	.89	14	.08	2	.91	.05	.80	1	1580	.043
8891	5	530	11	57	.7	12	37	609	5.71	5	5	ND	4	112	1	3	2	78	2.23	.133	11	15	1.41	37	.18	7	1.44	.06	1.34	1	270	-
8892	6	8224	38	40	7.5	36	552	479	20.10	27	7	ND	3	75	3	8	2	21	1.61	.024	2	1	.37	9	.03	2	.34	.05	.21	1	1560	.049
8893	5	264	11	84	.5	20	26	1082	7.21	4	5	ND	3	112	1	2	2	191	3.07	.098	8	43	2.89	49	.30	2	2.68	.07	2.58	1	240	-
8894	4	263	10	94	.6	24	25	1197	7.94	2	5	ND	3	92	1	2	2	197	2.80	.095	5	48	2.89	31	.30	2	2.85	.07	2.48	1	370	-
8895	5	911	13	78	1.4	27	27	1236	8.81	6	5	ND	4	202	1	2	2	179	4.32	.076	4	62	2.84	44	.28	2	2.58	.07	2.44	1	910	-
8896	1	50	6	16	.2	3	4	486	1.61	2	6	ND	5	179	1	2	2	15	2.77	.061	5	4	.53	50	.01	2	.41	.06	.23	1	118	-
8897	5	478	11	76	.9	28	31	1132	7.20	9	5	ND	3	206	1	2	2	167	4.33	.083	9	62	2.90	67	.28	4	2.52	.07	2.09	2	390	-
8898	6	439	11	88	.9	24	30	1129	7.98	8	5	ND	4	169	1	2	2	191	3.99	.083	10	60	2.98	59	.25	2	2.60	.07	1.96	1	360	-
8899	6	2951	29	34	2.7	20	58	639	19.90	14	9	ND	4	91	1	5	2	83	1.79	.045	24	27	1.11	11	.13	2	1.07	.06	.82	1	1460	.041
8900	3	484	4	26	.7	5	16	319	3.64	3	5	ND	3	98	1	2	2	39	2.08	.168	8	5	.63	51	.15	2	.93	.07	.77	1	230	-
STD C/AU-R	21	59	40	130	6.8	67	27	983	3.94	37	17	7	35	48	17	15	22	63	.48	.098	36	57	.88	179	.08	35	1.73	.08	.14	13	495	-

LACANA MINING PROJECT - 6919 FILE # 86-3291 PAGE 2

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
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	6.85	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 PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
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	40	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 VIII

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 19 day of Dec. 1986.

R. J. Johnston

54+00W

50+00W B.L.

47+00W

50+00 N

45+00N

40+00 N

35+00 N

MAIN SHOWING

NEIL SHOWING

Kena 7 I.P.

Kena 7 F.P.

LEGEND

- 5 Silver King Porphyry Dyke
- 4 Diorite
- 3 Porphyritic Andesite Dyke
- A Undifferentiated Andesite
- General strike & dip of bedding, foliation
- 1986 Lacana diamond drill hole (20-41)
- 1985 " " " " (7-19)
- 1981 Kerr-Addison " " " (1-6)
- 1985 Lacana backhoe trench
- Road
- Au in soil > 120ppb
- VLF Conductor weak

LACANA

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CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

COMPILATION MAP

0 100 200 300metres

PREPARED BY	SCALE	DATE	N.T.S.	FIGURE
R.J.	1:5000	NOV. 1986	82F-6W	5

CHONG

54+00W
52+00W
50+00W
B.L.
48+00W
To Nelson 20 km.
52+00N
50+00N
48+00N
46+00N
44+00N
42+00N
40+00N
38+00N
36+00N
34+00N
Toad Creek
Luigi Creek
MAIN SHOWING
Main Trench
NEIL SHOWING
KENA 7 Final post
310°
N
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 8141 (5) SAMPLE LOCATION, Nº (Au ppb / oz per ton)
CUTCROP
CHIP SAMPLE
GEOLOGICAL CONTACT
FOLIATION
BEDDING ATTITUDE
Tr. 12 1985 LACANA TRENCH
LK 86-41 1986 LACANA DIAMOND DRILL HOLE
LK 85-9 1985 " " " "
KK 81-1 1981 KERR ADISON " " "
ROAD
GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,767
LACANA
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CONVENTURES LTD
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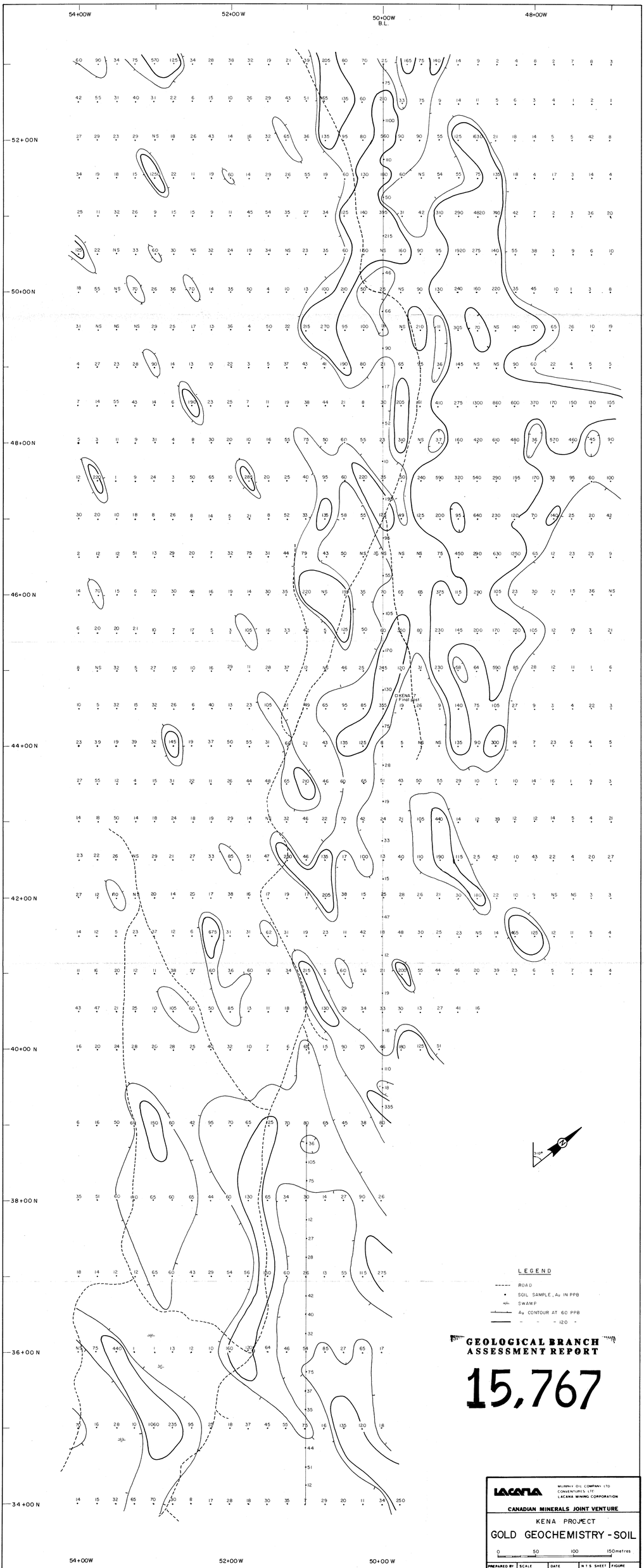
CANADIAN MINERALS JOINT VENTURE
KENA PROJECT
GEOLOGY AND
LITHOGEOCHEMISTRY
0 50 100 150 metres
PREPARED BY R.J.
SCALE 1:2000
DATE NOV. 1986
N T S SHEET 82F - 6W
FIGURE 6
CHONG


54+00W
52+00W
50+00W
B.L.
48+00W
52+00N
50+00N
48+00N
46+00N
44+00N
42+00N
40+00 N
38+00N
36+00N
34+00N
KENA 7
Final post
LEGEND
ROAD
SOIL SAMPLE, Au IN PPB
SWAMP
Au CONTOUR AT 60 PPB
" " 120 "
GEOLOGICAL BRANCH
ASSESSMENT REPORT
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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
CHONG

49+00W

El. 1500 m

El. 1400 m

104.85m.

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

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KENA PROJECT

SECTION 50+90 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30METRES

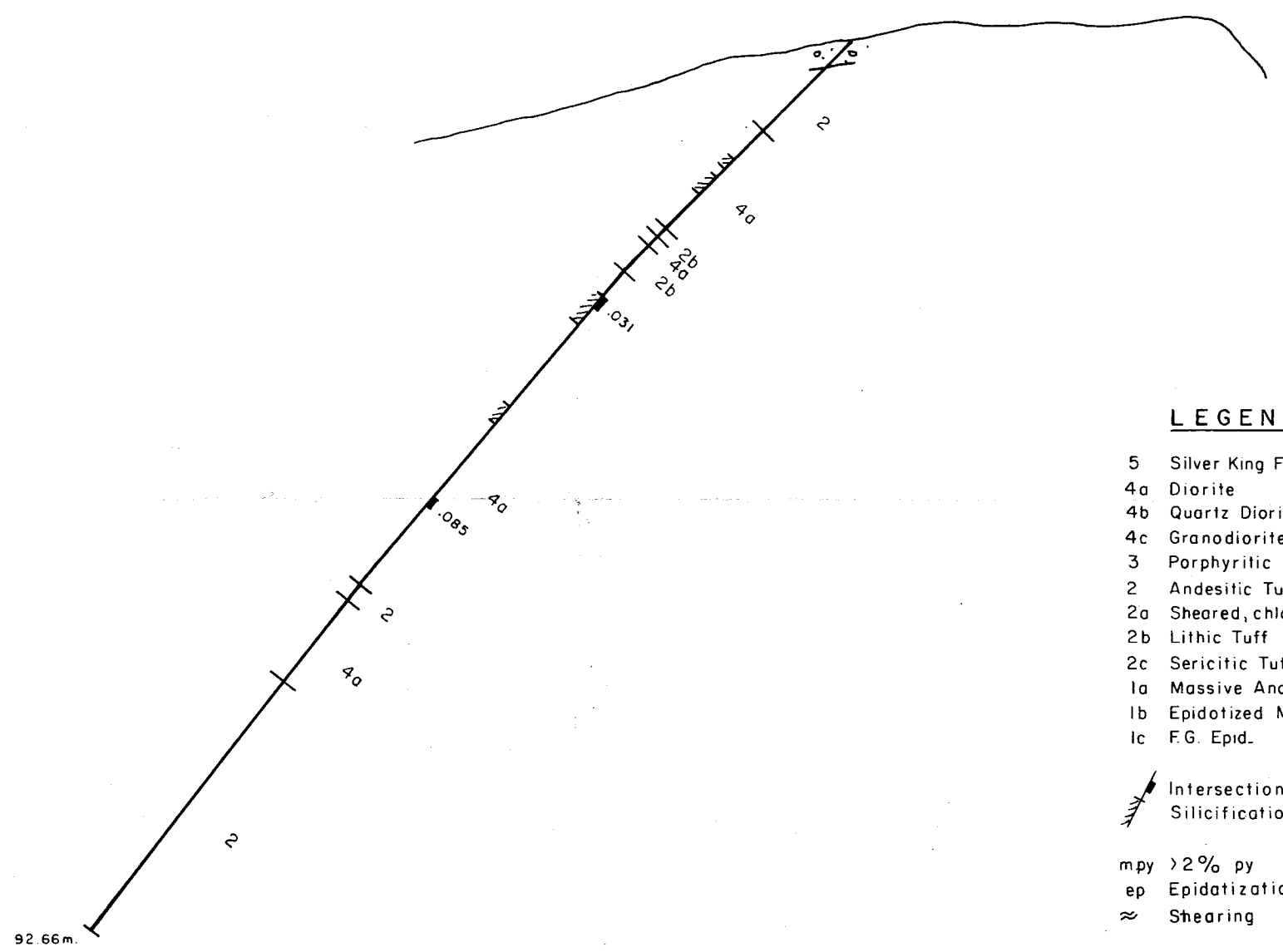
PREPARED BY	SCALE	DATE	NTS	FIGURE
R.J.	1:500	NOV. 1986	82F-6W	9

CHONG

49+00W

El. 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 & 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

El. 1400 m

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KENA PROJECT

SECTION 50+50 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30METRES

DRAWN BY	SCALE	DATE	NTS	FIG. #
R.J.	1:500	NOV. 1986	82F-6W	10

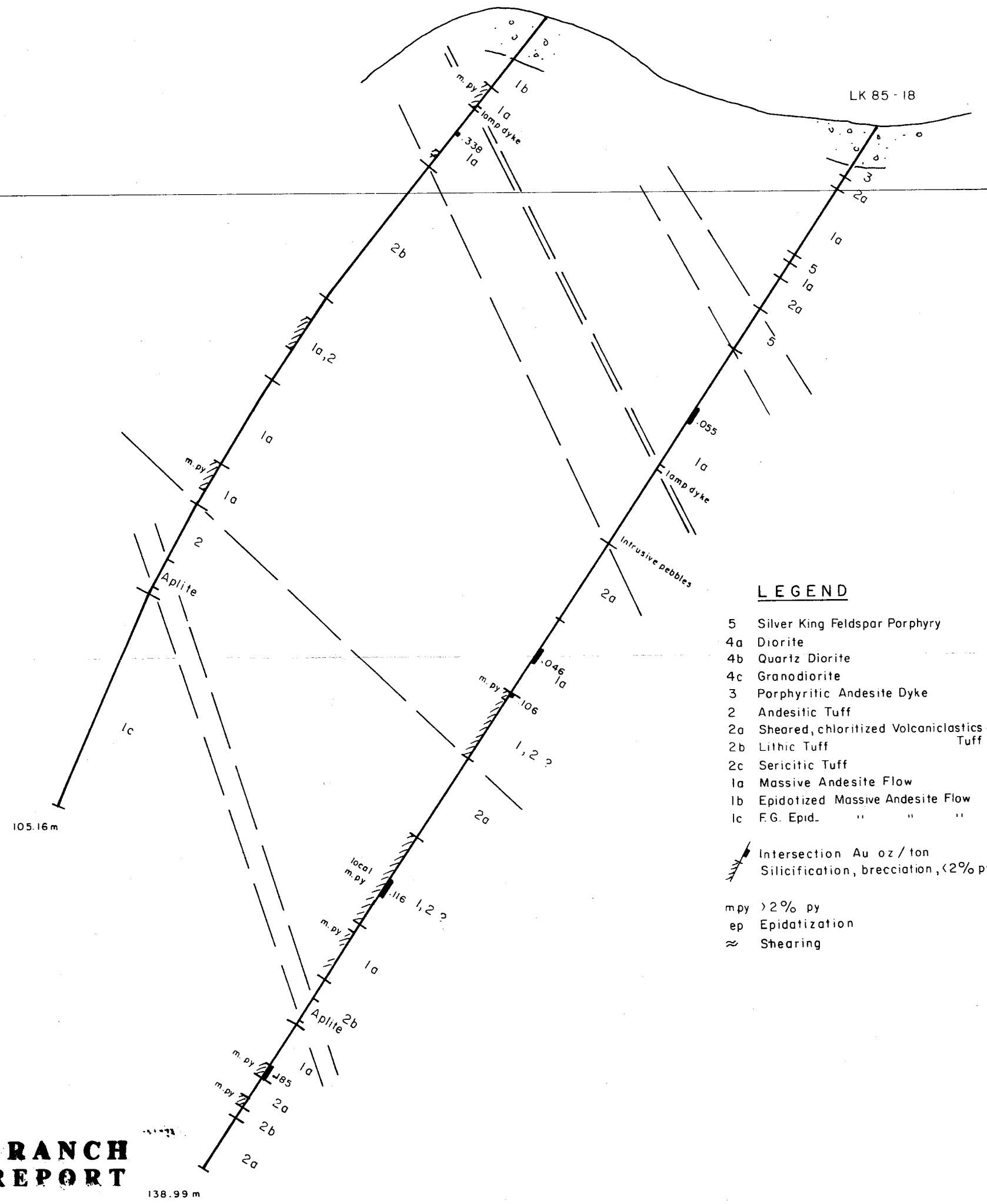
CHONG

49+00W

LK 86-41

LK 85 - 18

El. 1500m



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 Epidatization
≈ Shearing

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CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

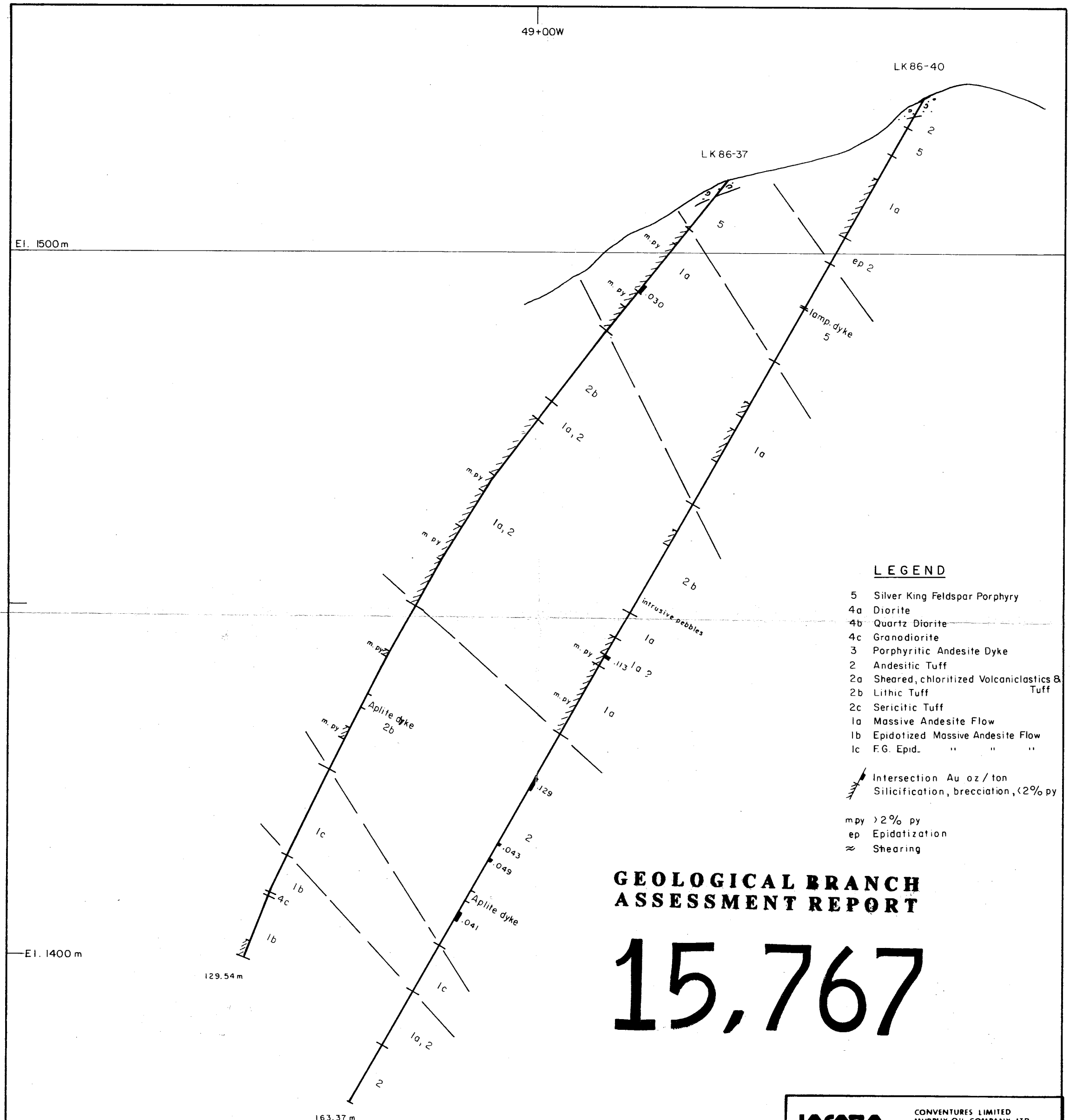
SECTION 47+ 50 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30METRES

DRAWN BY	SCALE	DATE	NTS	FIGURE
R.J.	1:500	NOV. 1986	82F-6W	11

CHONG



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

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CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

SECTION 47+25 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30METRES

DRAWN BY	SCALE	DATE	FILE	FIG.
R.J.	1:500	NOV. 1986	82F-6W	12

CHONG

48+00W

49+00W

50+00W

El. 1500 m

El. 1400 m

El. 1300 m

NEIL SHOWING

LK86-20

LK86-21

LK86-24

LK86-28

144.47 m.

114.91 m.

126.49 m.

273.10 m.

Aplite dyke

lamp dyke

Feld porphyry dyke

Intrusive pebbles 2b

F P dyke

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

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KENA PROJECT

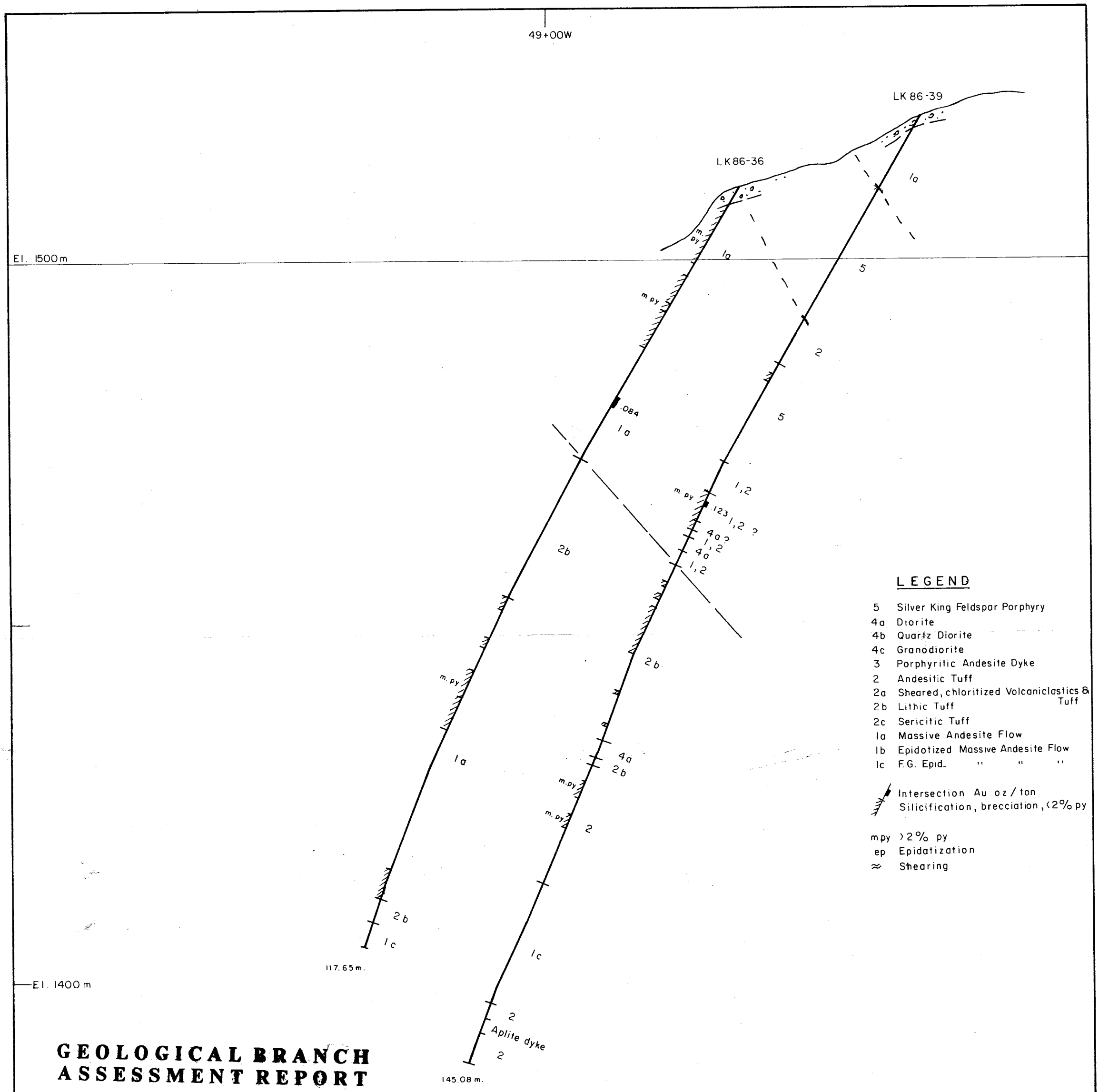
SECTION 47+00N

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

CHONG



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

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CANADIAN MINERALS JOINT VENTURE

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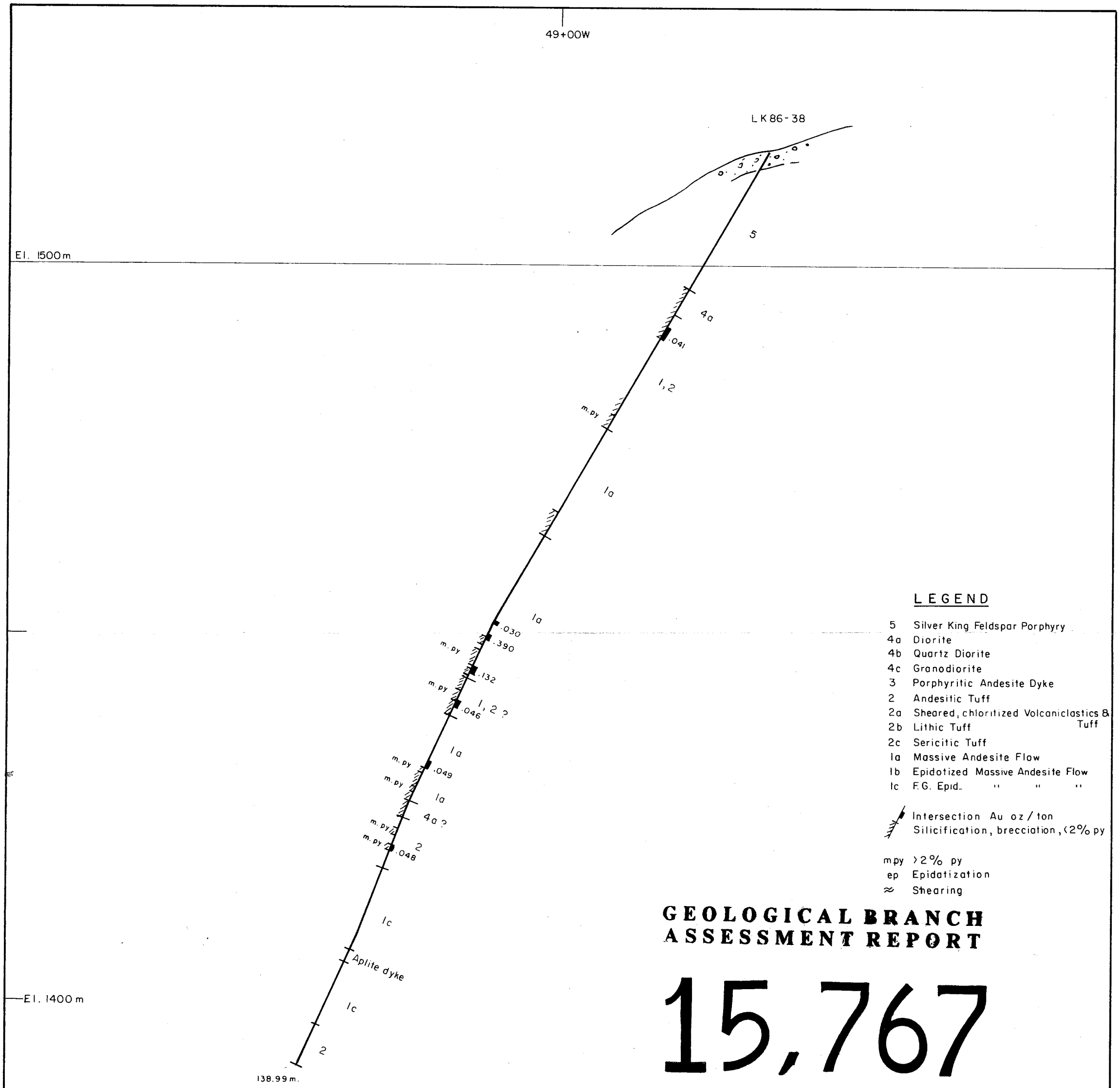
SECTION 46+ 75 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30 METRES

DRAWN BY	SCALE	DATE	NTS	FIGURE
R. J.	1:500	NOV. 1986	82F-6W	14

CHONG



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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CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

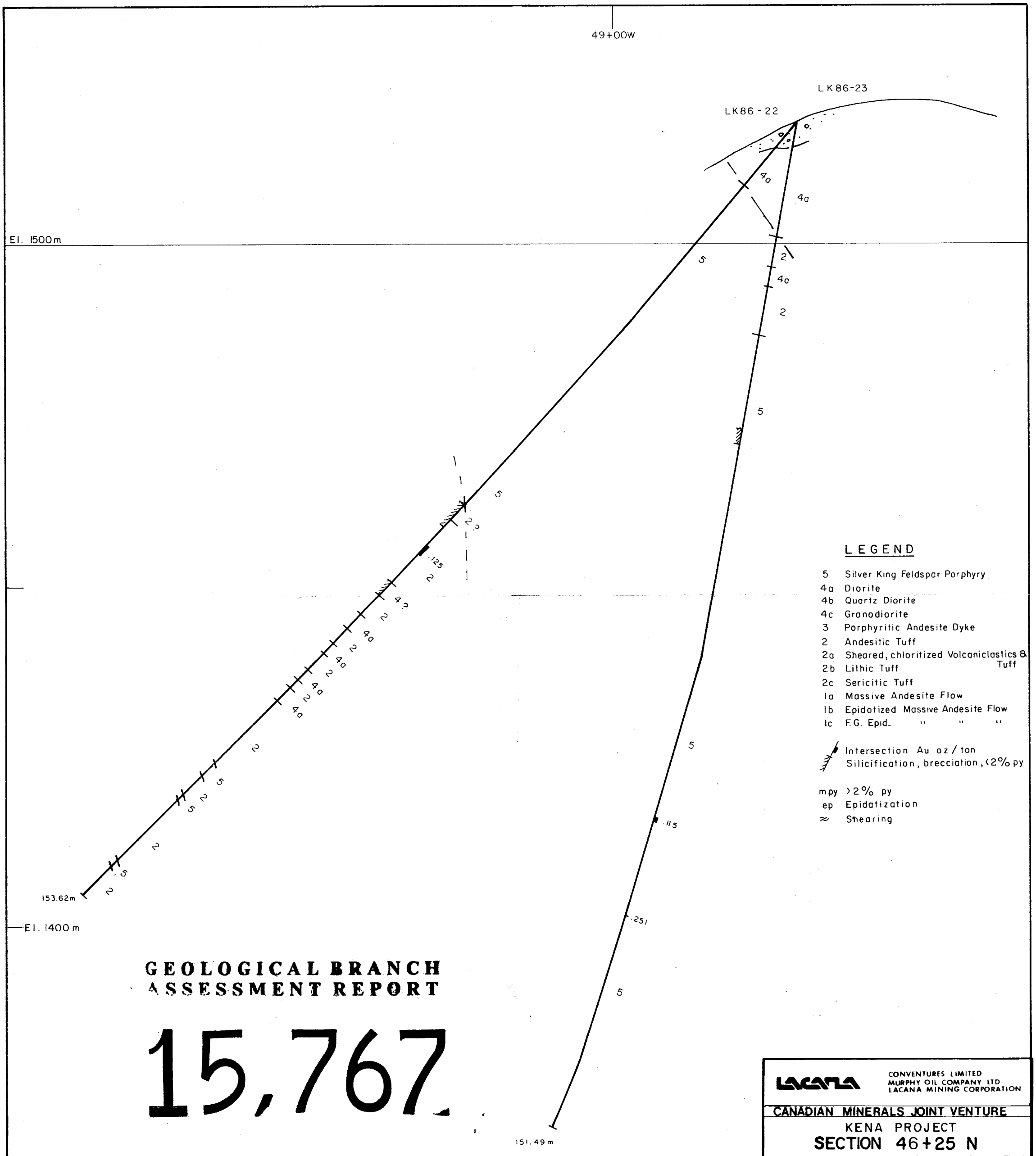
SECTION 46 + 50 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30METRES

PREPARED BY	SCALE	DATE	NTS	FIG. NO.
R. J.	1:500	NOV. 1986	82F-6W	15

CHONG



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CANADIAN MINERALS JOINT VENTURE
KENA PROJECT
SECTION 46+25 N
DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30METRES

DRAWN BY	SCALE	DATE	FILE	FIGURE
R.J.	1:500	NOV. 1986	82F-6W	16

CHONG

48+00W

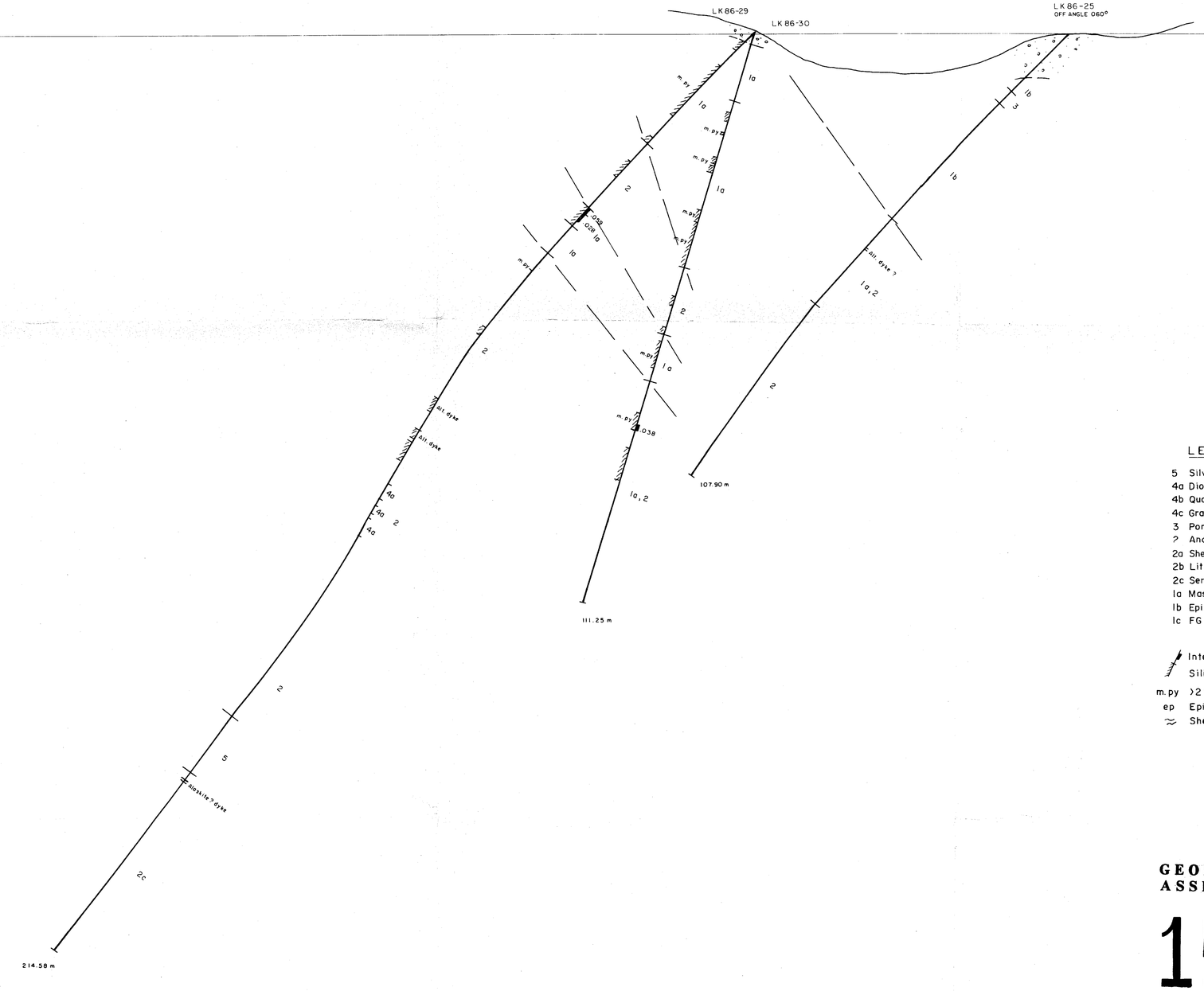
49+00W

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
m.py >2% pyrite
ep Epidotization
≈ Shearing

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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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

CHONG

48+00W

49+00W

50+00W

El. 1500 m

El. 1400 m

El. 1300 m

LK86-31

LK86-32

LK86-26
OFF ANGLE 060°

257.25 m.

72.35 m.

180.44 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

m.py >2 % pyrite

ep Epidotization

≈ Shearing

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

SECTION 44+75N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30 metres

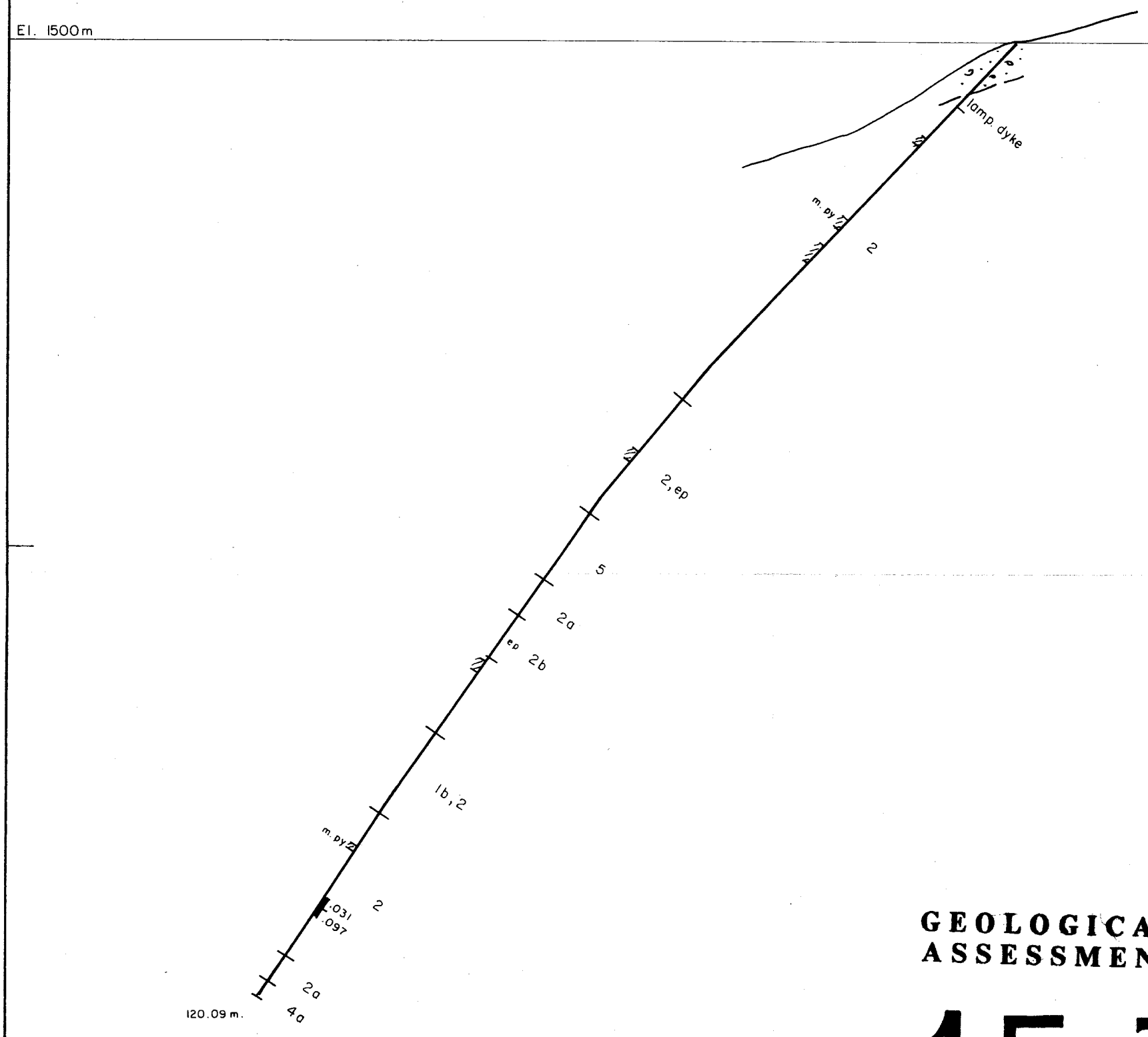
PREPARED BY	SCALE	DATE	N.T.S. SHEET	FIGURE
R. J.	1:500	NOV. 1986	82F-6W	18

CHONG

50+50W

LK 86-27
OFF ANGLE 060°

El. 1500m



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	Epidatization
≈	Shearing

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CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

SECTION 44+20 N

DRILL HOLE GEOLOGY & MINERALIZATION

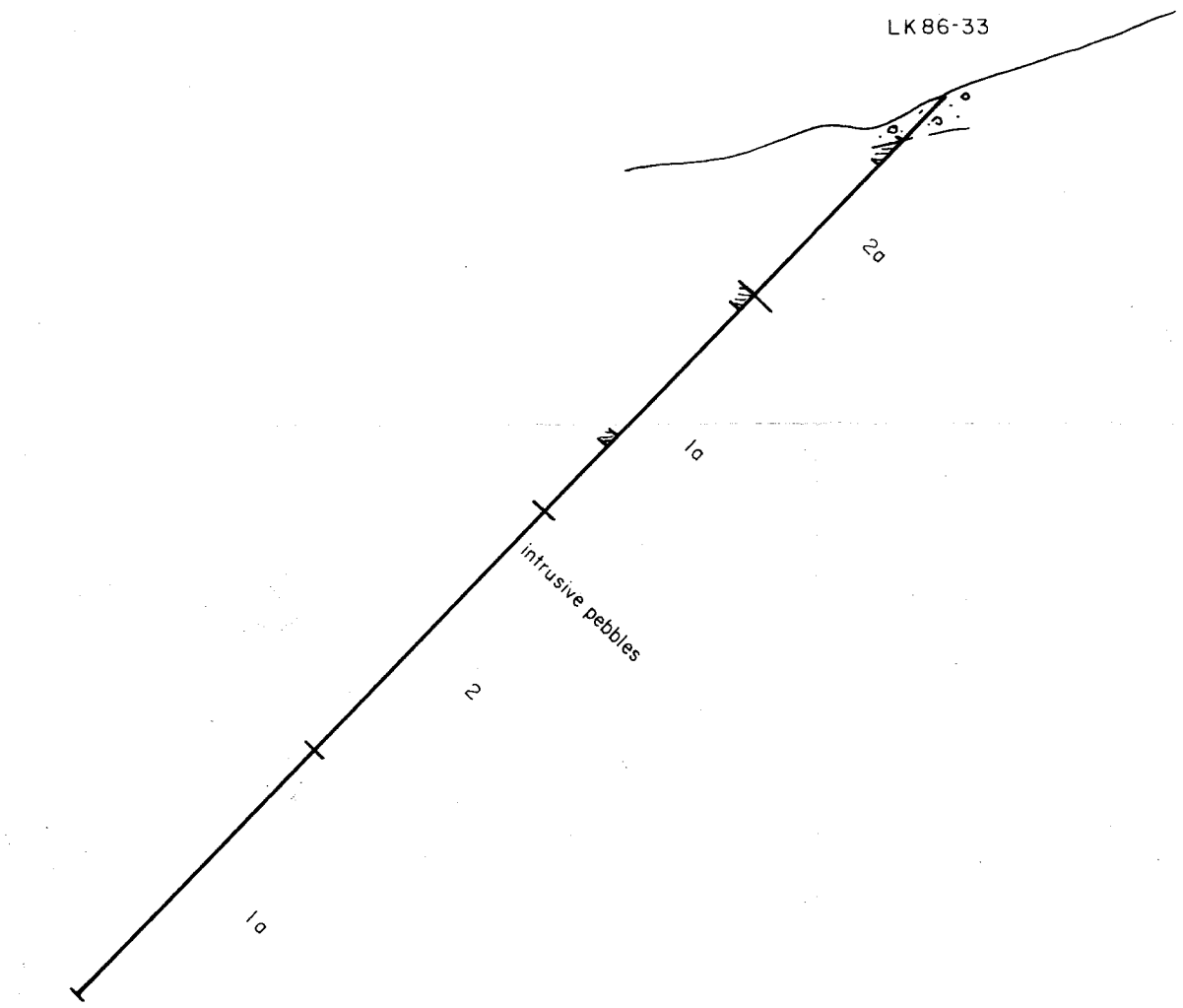
0 10 20 30METRES

DRAWN BY	SCALE	DATE	N.T.S.	FIGURE
R.J.	1:500	NOV. 1986	82F-6W	19

CHONG

50+00 W
B.L.

El. 1500 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 Epidatization
- ≈ Shearing

LACANA

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MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

KENA PROJECT

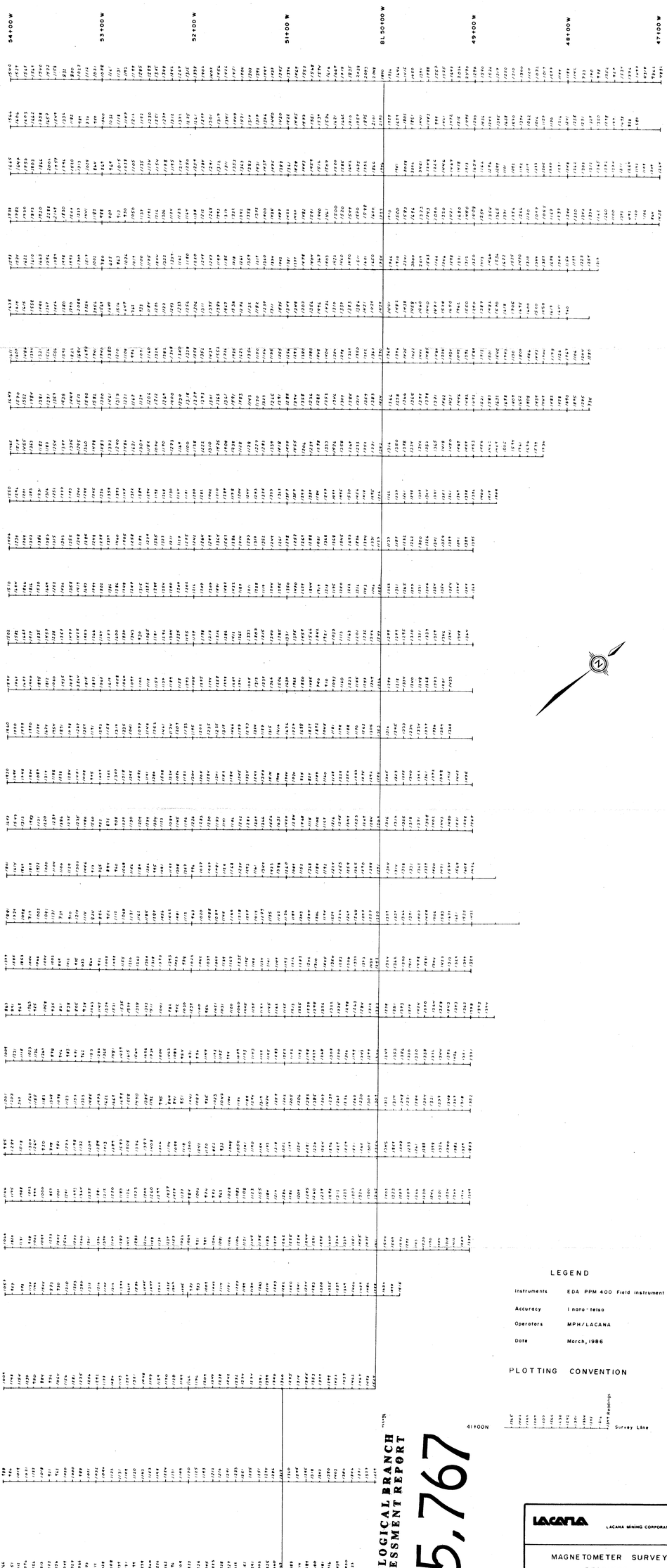
SECTION 42+75 N

DRILL HOLE GEOLOGY & MINERALIZATION

0 10 20 30METRES.

PLOTTED BY	SCALE	DATE	NTS	FIGURE
R.J.	1:500	NOV. 1986	82F-6W	20

CHONG



GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,767

LEGEND

Instruments	EDA PPM 400 Field Instrument
Accuracy	1 nano-tesla
Operators	MPH/LACANA
Date	March, 1986

PLOTTING CONVENTION

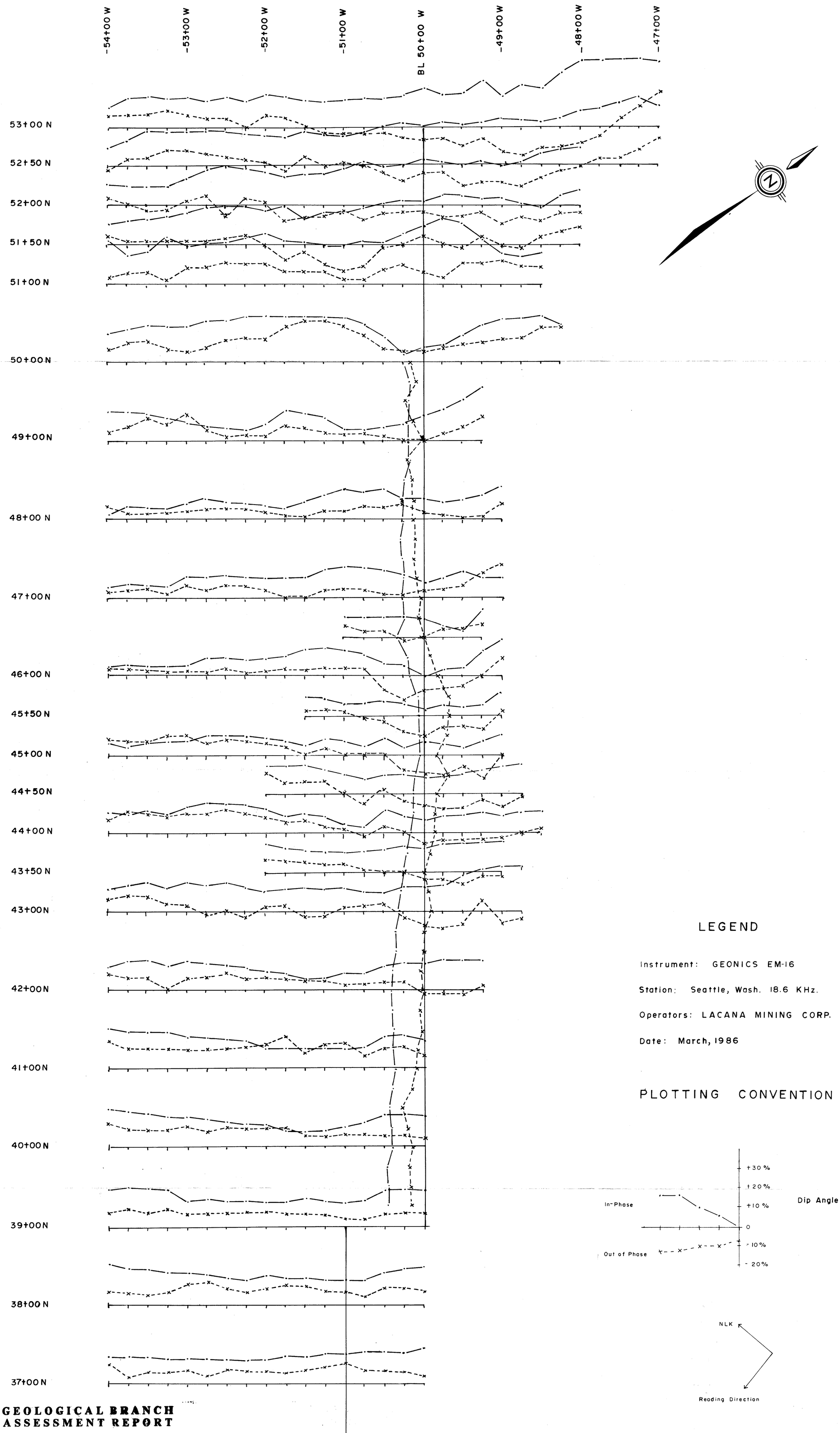
LACANA MINING CORPORATION

MAGNETOMETER SURVEY
READINGS

KENA PROJECT

NELSON MINING DIVISION, B.C.

PREPARED BY	SCALE	DATE	N.T.S. SHEET	FIGURE
R.W./K.G.	1:2000	April, 1986	82-F/6W	21



LEGEND

Instrument: GEONICS EM-16

Station: Seattle, Wash. 18.6 KHz.

Operators: LACANA MINING CORP.

Date: March, 1986

PLOTTING CONVENTION

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,767

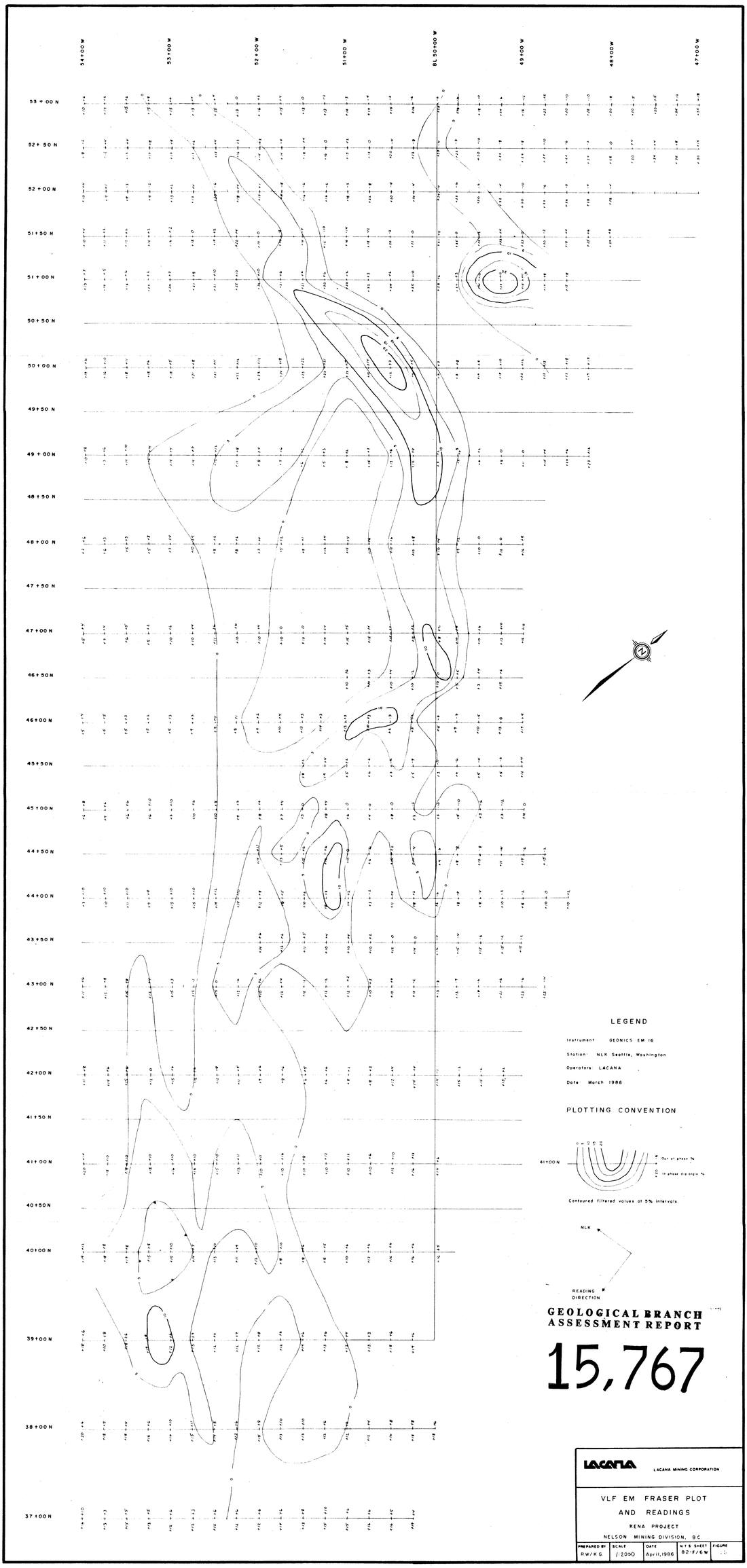
LACANA MINING CORPORATION

VLF EM SURVEY, PROFILES

KENA PROJECT

NELSON M.D., B.C.

PREPARED BY	SCALE	DATE	N.T.S. SHEET	FIGURE
K.G./R.W.	1:2500	May, 1986	82 F/6W	22



LEGEND

Instrument: GEONICS EM 16

Station: NLK Seattle, Washington

Operators: LACANA

Date: March 1986

PLOTTING CONVENTION

Contoured filtered values at 5% intervals.

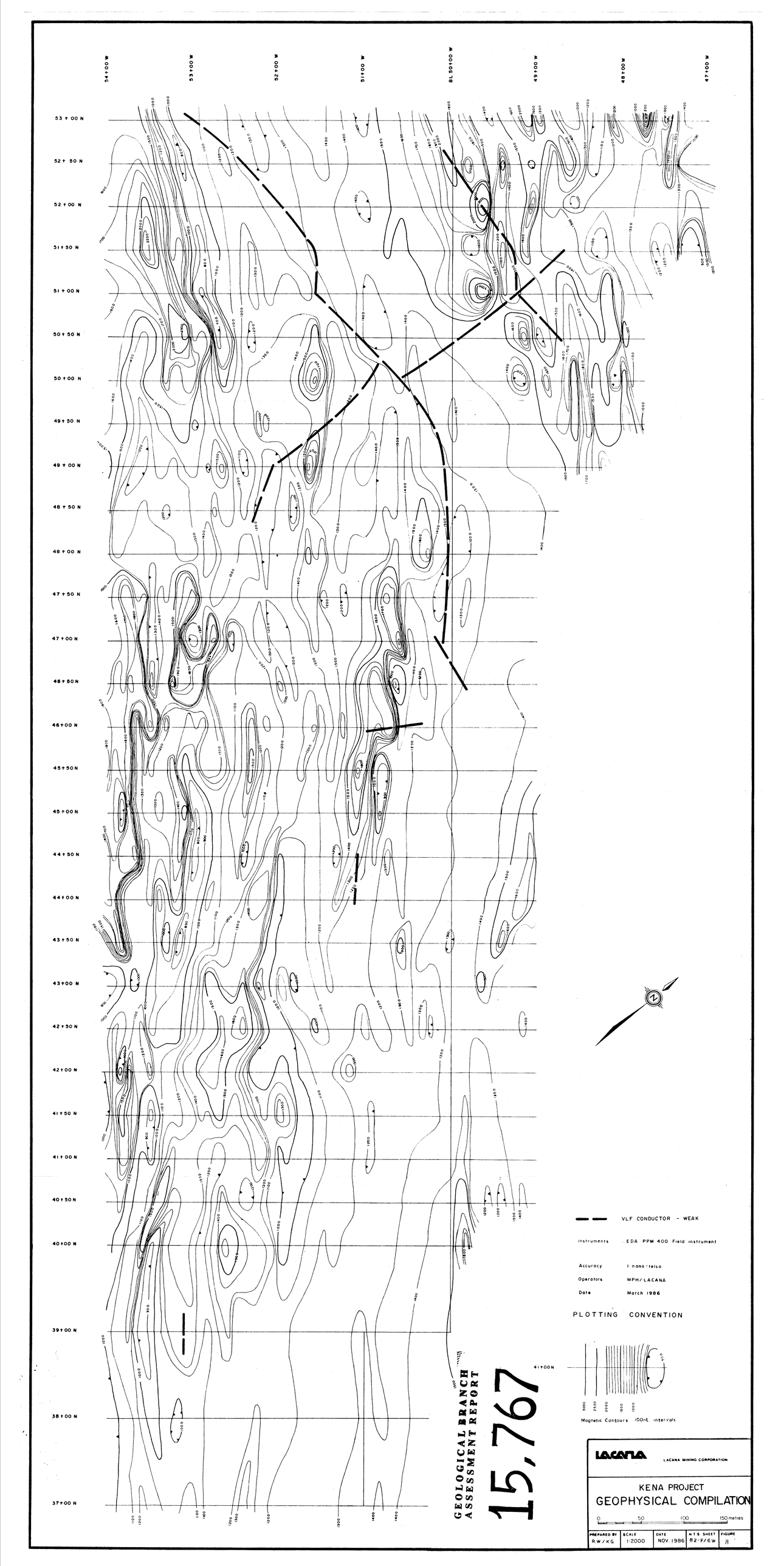
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,767

LACANA MINING CORPORATION

VLF EM FRASER PLOT
AND READINGS
KENA PROJECT
NELSON MINING DIVISION, BC

PREPARED BY	SCALE	DATE	N.T.S. SHEET	FIGURE
R.W./K.G.	1:2000	April, 1986	82-F/6W	


54+00 W
53+00 W
52+00 W
51+00 W
50+00 W
49+00 W
48+00 W
47+00 W
53+00 N
52+50 N
52+00 N
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46+50 N
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45+50 N
45+00 N
44+50 N
44+00 N
43+50 N
43+00 N
42+50 N
42+00 N
41+50 N
41+00 N
40+50 N
40+00 N
39+00 N
38+00 N
37+00 N
VLF CONDUCTOR - WEAK
Instruments EDA PPM 400 Field instrument
Accuracy 1 nano-telsa
Operators MPH/LACANA
Date March 1986
PLOTTING CONVENTION
Magnetic Contours 100nt. intervals
GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,767
LACANA
LACANA MINING CORPORATION
KENA PROJECT
GEOPHYSICAL COMPILATION
0 50 100 150 metres
PREPARED BY RW/KG
SCALE 1:2000
DATE NOV. 1986
N.T.S. SHEET 82-F/6W
FIGURE 8