

85-65-14596



Province of
British Columbia

Ministry of
Energy, Mines and
Petroleum Resources

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S) Diamond Drilling	TOTAL COST \$27,697.00
--	---------------------------

AUTHOR(S) D. Johnson SIGNATURE(S) *David Johnson*

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED February 22, 1985 YEAR OF WORK 1984

PROPERTY NAME(S) MODEL

COMMODITIES PRESENT Hg, As, Sb

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

MINING DIVISION KAMLOOPS NTS 92-I/10E

LATITUDE 50° 37' LONGITUDE 120° 49'

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)]:

MODEL 1 - 8
3325, 3326, 3327, 5533, 5534, 5535, 5536 and 5537

OWNER(S)
(1) M. Morrison (2) Lacana Mining Corporation

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

OPERATOR(S) (that is, Company paying for the work)
(1) Lacana Mining Corp (2)

FILMED

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

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):
Nicola Fm Greenstones are cut by a major N.N.W. trending fault Zone, possibly the south extension of the Pinchi Fault, ... Carbonatized, silicified zone within the fault contain cinnabar, Stibnite, realgar, and minor copper minerals.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

REFERENCES TO PREVIOUS WORK

14,596

(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

Electromagnetic

Induced Polarization

Radiometric

Seismic

Other

Airborne

Soil

Silt

Rock

Other

DRILLING (total metres; number of holes, size)

Core 5 holes, 405 m

Non-core

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)

Road, local access (kilometres)

Trench (metres)

Underground (metres)

FOR MINISTRY USE ONLY

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

NAME OF PAC ACCOUNT

Rept. No.

DEBIT

CREDIT

REMARKS:

Information Class

TOTAL COST

\$27,697.00

MODEL 1 - 8

\$27,697.00

INFO

2008

2008

2008

REPORT ON
EXPLORATION WORK

'M O D E L'

1 - 8

MINERAL CLAIMS

KAMLOOPS M. D.

BRITISH COLUMBIA

N.T.S. 92-I/10

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

14,596

D. Johnson BSc
LACANA MINING CORPORATION

Vancouver, B. C.
FEBRUARY 21, 1985.

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SUMMARY

Although the common relationship of mercury and gold occurrences has been recognized for many years, it was not until 1980, when Homestake Mining's discovery of the major 'McLaughlin' deposit became known, that this relationship was put to work by prospectors and explorationists. Since then, many of the known mercury rich major fault zones in B.C. such as the Pinchi and Yalakom systems have become popular gold exploration targets.

The 'MODEL' claim group, acquired by Lacana in March 1984 covers the southern end of a 65 km long zone of mercury occurrences adjacent to fault related carbonatized, silicified "Nicola" volcanic rocks. Initial rock sampling on the property had shown anomalous gold values in the system. The property was optioned, prospected by conventional and geophysical methods, and drill tested.

CONCLUSIONS

Diamond drilling results have caused two major revisions to our initially simplistic interpretation of the "MODEL" geology -

1. cross faulting has severely complicated the structural setting.
2. no appreciable gold values were discovered.

RECOMMENDATIONS

In light of the apparent total lack of gold values in any of the drill sludge or core samples, no further work can be recommended. Expenditures should be applied towards assessment credit and the property returned to the vendor.

INTRODUCTION

3.

Location and Access

The 'MODEL' claims cover a gently rolling area of thinly forested interior plateau (1150 to 1300 m elevation) 50 km southwest of Kamloops, B.C. Excellent access is provided by a main gravel road which bisects the claim group and numerous secondary roads and trails. Driving time from the supply and accomodation centres of Logan Lake or Savona is approximately 20 minutes.

Claim Status

The property consists of 8 metric grid claims, totalling 54 units. The central three claims, totalling 12 units are held by option from prospector M. Morrison; the surrounding claims were staked by Morrison on behalf of Lacana, but are subject to a perimeter clause.

Application of our 1984 expenditures will advance claim expiry dates to at least March 1987.

History

This property was originally known as the "TUNKWA LAKE MERCURY MINE" and has seen sporadic exploration and very limited production since about 1918. The ruins of a concrete retort and numerous trenches and small pits from this era can be found in the vicinity of the main carbonatized outcrop.

No records or evidence exist to suggest that the property had been explored for gold prior to being staked by Morrison in 1981.

GEOLOGY

As is common over most of the B.C. interior plateau, extensive overburden cover seriously hampers detailed geological mapping. The rather incomplete geological interpretation described herein is based on a few large carbonatized/silicified zones, subcrop in road cuts and diamond drill core.

Nicola Formation

"Unaltered" country rock, seen only in drill core, consists of mixed green and purple andesites and feldspar prophyrites typical of the Jurassic "Nicola Formation" found throughout the Kamloops-Merritt area of Southern B.C. Hematite, chlorite, epidote and clay

minerals are common, as are calcite (and lesser quartz) veinlets, occasionally containing pyrite and chalcopyrites.

Carbonatized and silicified NICOLA is found in four large resistant outcrops surrounding a small pond. This is generally hard, buff to orange in colour, and cut by distinct joint sets striking 165° , dipping easterly at 55° to 75° .

In drill core, this unit consists of banded black and grey/brown marble, chert and siliceous breccia.

Kamloops Group

The western half of the property is underlain by plateau basalt flows typical of the Tertiary 'Kamloops Group'. Although no contact with the Nicola was seen, topography, float etc suggest distinct N.N.W. striking easterly contact, paralleling and probably related to the main N.N.W. fault zone through the property.

Mineralization

Cinnabar, stibnite and realgar/orpiment are common throughout the main outcrop area surrounding the pond. Malachite is found in outcrop on the 00 baseline at approximately 24+25N.

In drill core, carbonatized, silicified sections generally contain cinnabar, in crystalline clumps up to 2 cm in diameter, often with associated stibnite blades. Pyrite and arsenopyrite were very rare, nearly nonexistent. Only minor amounts of chalcopyrite were observed, usually in calcite veinlets in the relatively unaltered Nicola rocks.

Structure

Gougey fault zones were common in the drill core. Unfortunately lack of surface data makes attitude determination very doubtful. There is some evidence to suggest at least one major N.E. trending fault through the pond, cutting and probably displacing the main N.N.W. 'Pinchi equivalent' structure.

GEOCHEMISTRY

Although no soil geochemical work was done in 1984, previous data generated by Placer was available. This showed coincident mercury, arsenic, antimony anomalies along a distinct N.N.W. trend extending both north and south of the main outcrop area.

It should be emphasized that effectiveness of soil sampling in the area may be severely reduced by caliche layers seen in roadcuts, and the probable existence of buried paleo evaporite lake beds.

GEOPHYSICS

Geophysical surveys were used with the objective of defining dip of the main zone and detecting any cross faults or other unexpected structural complexities.

Magnetics

A magnetic survey was attempted, using a McPhar M-700 fluxgate magnetometer. Data was very "noisy" with individual stations difficult to report. This is believed to be due to the presence of large magnetic basalt boulders, rather than any mechanical problems. Data proved to be of little value.

V.L.F. - EM

An area 1km long by 700 m wide was surveyed at 100 m x 25 m spacing, using a Crone "Radem" V.L.F. EM unit. This work did not show any major 165° trending feature coincident with the inferred fault zone parallelling the main outcrop zones, but did show a distinct N.E. trending structure approximately coincident with the fault zone encountered in drill holes 1, 2 and 3.

DIAMOND DRILLING

During the period September 5 to September 11, 1984, the MODEL property was tested by 5 diamond drill holes totalling ~~335~~^{905 m of} m. Sludge samples were collected at 3 m intervals, and submitted for 30 element I.C.P. geochemical analysis, plus gold geochemical analysis. Selected sections of core from holes 2 and 4 were split and sampled in 1 m intervals, and assayed for gold. All sludges ran 5 ppb Au, essentially the limit of detection, while the core assays were all less than .002 ounces per ton.

Detailed drill logs are included in this report. Individual drill holes are summarized below:

DDH 84-1 Collared at 24+25N, 00+25E
 Bearing 270°, dip -45°, total depth 47.8 m
 0 - 14.3m carbonate altered, silicified breccia
 14.3 - 18.0 fault zone
 18.0 - 47.8 relatively unaltered 'Nicola' volcanics.

DDH-84-2 Collared at 24+25N, 00+25E
 Bearing 270°, dip -60°, total depth 76.2 m
 0 - 15.0 altered zone
 15.0 - 25.0 fault
 25.0 - 76.2 porphyritic andesite?

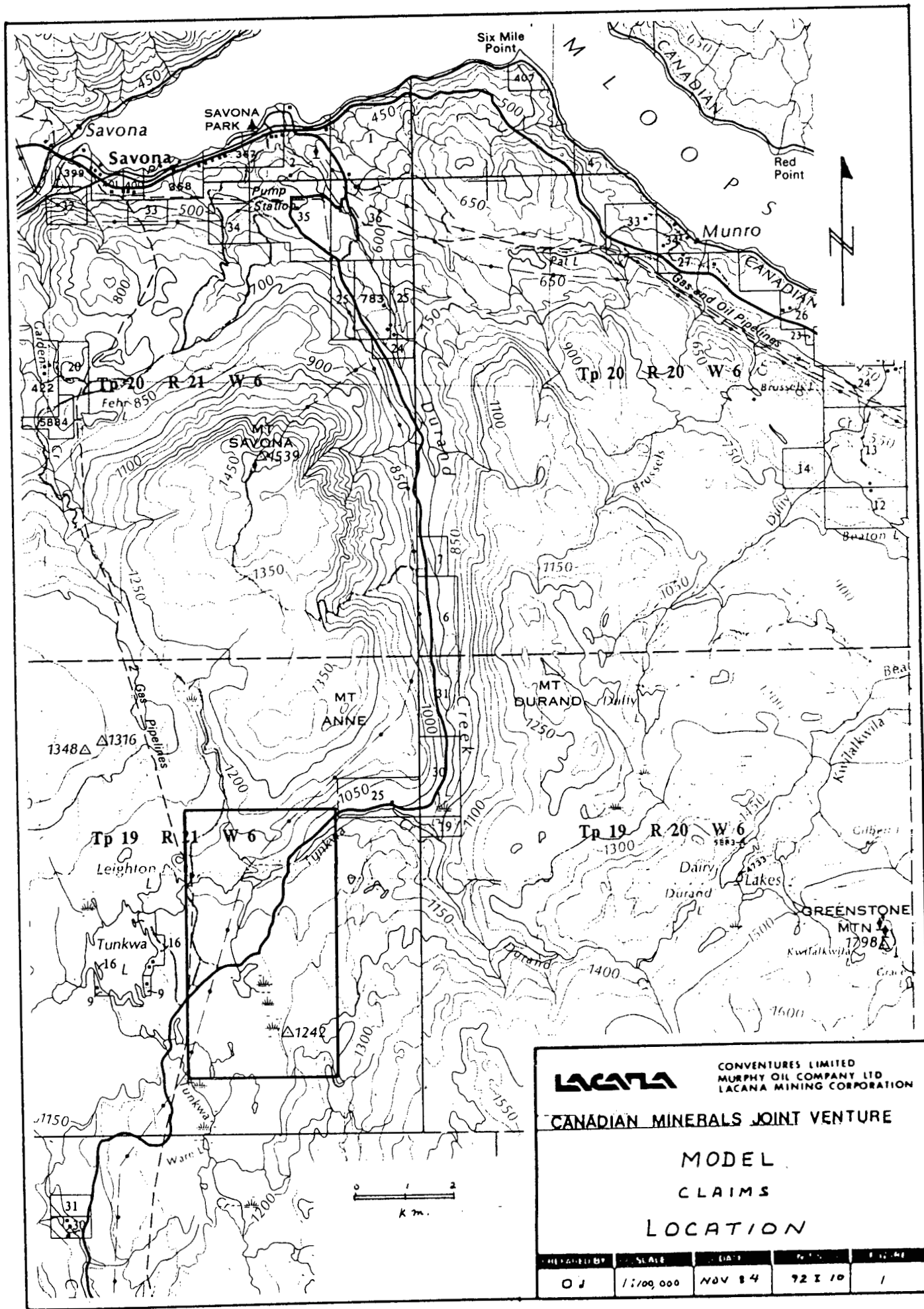
DDH-84-3 Collared at 24+50N, 0+53E
 Bearing 270°, dip -60°, total depth 100.1 m
 0 - 33.0 carbonate altered zone
 33.0 - 64.0 muddy fault zone
 64.0 - 66.0 fault
 66.0 - 100.1 green, purple, maroon volcanics - typical 'Nicola' assemblage.

DDH-84-4 Collared at 24+98N, 0+06E
 Bearing 270°, dip -75°, total depth 57.0 m
 0 - 14.3 silicified, altered brecciated
 14.3 - 19.8 muddy, broken, oxidized fault
 19.8 - 57.0 mixed purple-green 'Nicola' porphyritic

DDH-84-5 Collared at 26+06N, 0+75E
 Bearing 270°, dip -60°, total depth 124.0 m
 0 - 38.4 mixed overburden and heavy clay/fault zone
 38.4 - 124.0 'Nicola' andesite.

Drill sites were marked, graded and seeded. All core is cached on the property.

MAPS



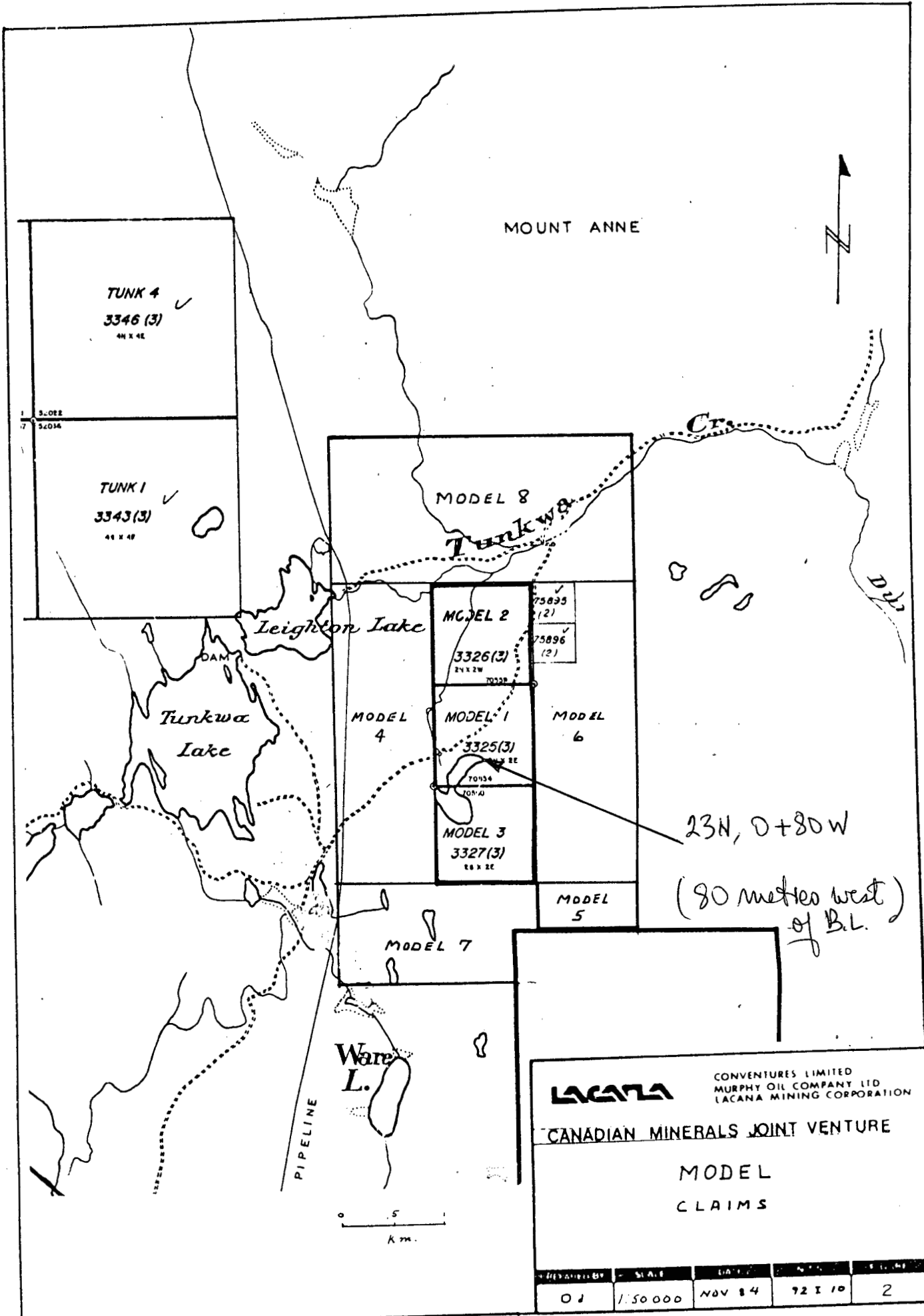
LACANA

CONVENTURES LIMITED
MURPHY OIL COMPANY LTD
LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

MODEL
CLAIMS
LOCATION

MAP SHEET NO.	SCALE	DATE	REV.	NO.
01	1:100,000	NOV 84	72	10

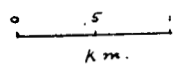


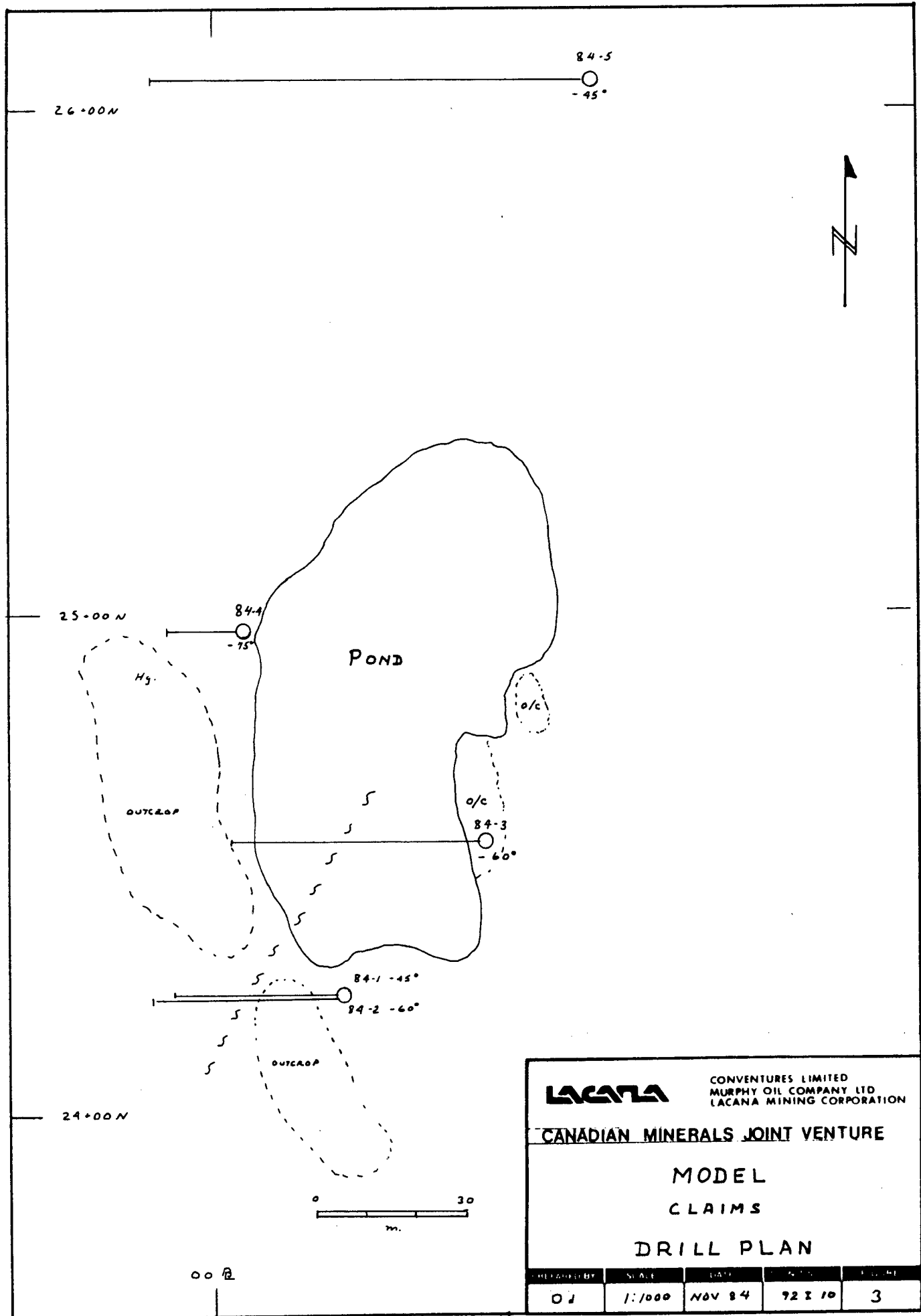
LACANA CONVENTURES LIMITED
 MURPHY OIL COMPANY LTD
 LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

MODEL CLAIMS

REVISION	DATE	BY	NO.	DESCRIPTION
01	1:50 000	NOV 84	72 I 10	2





LACANA CONVENTURES LIMITED
 MURPHY OIL COMPANY LTD
 LACANA MINING CORPORATION

CANADIAN MINERALS JOINT VENTURE

MODEL
 CLAIMS

DRILL PLAN

PREPARED BY	SCALE	DATE	SHEET	TOTAL SHEETS
OJ	1:1000	NOV 84	72 X 10	3

STATEMENT OF QUALIFICATIONS

I, Darrel L. Johnson, resident of the District of Coquitlam, B.C., declare that:

1. I hold a BSc degree in geology, granted by the University of British Columbia in 1970;
2. I have worked as an exploration geologist throughout British Columbia since 1970;
3. I have been employed by Lacana Mining Corporation since 1973, as an exploration geologist, and more recently as regional exploration manager;
4. Work described in this report was conducted under my direct personal supervision.



Dated this 22 day of

Feb 19 85 at Vancouver B.C.

MODEL CLAIMS

STATEMENT OF EXPENDITURES

Room and Board \$ 398.02

WAGES:

Geologist 8 days @ 150/day 1,200.00

DRILLING COSTS:

5 - Holes	NQ	1,048' @ \$18/ft	18,864	
	BQ	281' @ 17/ft	<u>4,777</u>	23,641.00

ASSAYS

Acme Analytical Labs 2,458.65

TOTAL EXPENDITURES

\$ 27,697.67

APPENDIX III

DRILL LOGS

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-1 PAGE NO. 1

DRILLING COMPANY BEAUPRE		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH 270°	TOTAL METRES 47.8	DIP OF HOLE AT collar -45°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 24 + 25N, 0 + 25E	MAP REFERENCE NO 92-I/10W	CLAIM NO. ,MODEL	
DATE HOLE STARTED Sept 5/84	DATE COMPLETED Sept 6/84	DATE LOGGED Sept 6	LOGGED BY D. Johnson		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE LACANA MINING CORP		DATE SUBMITTED	SUBMITTED BY (Signature)		ft				
					ft		PROPERTY NAME MODEL		

Metres FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN M +	YOUR SAMPLE NUMBER	SAMPLE Metres FROM TO		SAMPLE LENGTH	ASSAYS +	
0	2.86	Casing	Broken chunks, partly ground	30°/C.A.							
2.86	8.75		Hematitic altered brecciated, various clast types - some appear to be greywacke, some are banded, dark green (serpentinitic?) Everything is cut by carbonate veinlets, some rusty up to 8mm thick. These are in turn cut by small scale slips Original textures obliterated.	70° 45° bands							
8.75	10.7		Less hematitic appearing, more grey argillitic looking still altered, very broken. Carbonate and minor qtz. veinlets and lacey texture.								
10.7	13.2	(2.5 m)	Bleached section, qtz, carbonate, banding ~30° and 45° to C.A. NOT badly broken. No apparent brecciated texture.								
13.2	14.3		Siliceous breccia, fine grained, buff coloured								
14.3	14.4		Mud seam.								
14.4	14.5		Rubble zone, 5-10 mm fragments								
14.5	17.7		Bands of darker material, soft (serp.?) in blue siliceous matrix								
17.7	18.0		Broken								
18.0	20.5	Nicola	Grey-brown-green massive volcanic with fine lacey veinlets and mafic stringers								
20.5	25.0	Nicola Greenstone?	Massive green unit, some calcite stringers, some conglomerate, grades into purple muddier section.								
25.0	47.8	Nicola	Massive fine medium grained greenstone. Calcite stringers at 15, 75, 90° to core axis.								

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-1 PAGE NO. 2

DRILLING COMPANY		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH	TOTAL METRES	DIP OF HOLE AT collar	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO	CLAIM NO	
DATE HOLE STARTED	DATE COMPLETED	DATE LOGGED	LOGGED BY	ft			LOCATION (Tp., Lot, Con. OR Lat. and Long.)		
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)	ft			PROPERTY NAME MODEL		
				ft					

Metres FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN M +	YOUR SAMPLE NUMBER	SAMPLE Metres FROM TO		SAMPLE LENGTH	ASSAYS +		
35.0	36.7	END OF HOLE	Purple section with 55mm section of quartz at 36.3									
41.8			40 cm band of calcite with graphite bands within and peripheral to									
47.8			Hole bottoms in coarser sand size green-purple volcanic.									

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-2 PAGE NO. 1

DRILLING COMPANY BEAUPRE		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH 270°	TOTAL Metres 76.2	DIP OF HOLE AT collar -60°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM	MAP REFERENCE NO. 92-I/10	CLAIM NO. MODEL
DATE HOLE STARTED Sept 6/84	DATE COMPLETED Sept 7/84	DATE LOGGED Sept 7/84	LOGGED BY D. Johnson		ft	Same set up as 84-1	LOCATION (Tp., Lot, Con. OR Lot. and Long.)	
EXPLORATION CO. OWNER OR OPTIONEE LACANA MINING CORP.		DATE SUBMITTED	SUBMITTED BY (Signature)		ft		PROPERTY NAME MODEL	
					ft			
					ft			

Metres		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN M +	YOUR SAMPLE NUMBER	SAMPLE Metres		SAMPLE LENGTH	ASSAYS	
FROM	TO						FROM	TO			
0	2.13	Casing ↑ Altered Zone(s) ↓	Motley, purple-grey, hematitic, crosscutting quartz carbonate veins some porous muddy zones with rounded fragments (cobbles?) Rare flecks of cinnabar								
2.13	7.1		Badly broken. Dark grey-black banded siliceous unit								
7.1	8.4		Same unit, much less broken, carbonate veins, usually at 90° to C.A.								
8.4	9.6		Broken, yellow-brown, some pink, carb-silica altered zone. Veins some vugs, no visible sulphides ?? Some dark argillitic fragments in brecciated vines.								
9.6	14.7		Soft grey fine muddy unit, some flow features within this unit are several other notable features -16.2 SILICEOUS SECTION, brecciated.								
14.7	25.3		Grey-muddy brecciated, cut by several sets of crosscutting stringers of serpentine? or chlorite.								
18.0	19.0		Coarser grained "porphyritic greenstone" "Muddy" texture at 27.5 8 mm vein of mafic and carbonate minerals cutting at 80° to core axis								
25.3	28.3		? MARKER UNIT !	Fine grained, grey-green "cherty looking" unit with coarse-lace of mafic stringers, in places badly broken.							
18.0	25.0		Greenstone	Starts coarse, finer downward, abundant random veinlets and stringers of calcite, some red mineral, probably hematite - Not bright red enough for cinnabar. SHARP CONTACT							
25.0	35.0										

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-3 PAGE NO. 1

DRILLING COMPANY BEAUPRE		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH 270	TOTAL Metres 100.1	DIP OF HOLE AT collar -60	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 0 + 53E 24 + N	MAP REFERENCE NO. 92-I/10W	CLAIM NO. MODEL		
DATE HOLE STARTED Sept 10/84	DATE COMPLETED Sept 10/84	DATE LOGGED Sept 10/84	LOGGED BY D. Johnson		ft		LOCATION (Tp., Lat, Con. OR Lat. and Long.)			
EXPLORATION CO., OWNER OR OPTIONEE LACANA		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			PROPERTY NAME		
					ft					

Metres FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN M +	YOUR SAMPLE NUMBER	SAMPLE Metres FROM TO		SAMPLE LENGTH	ASSAYS +	
0	3.05		CASING O.B.								
3.2	12.75		Upper part is more hematite red-purple, grading gradually into pink-buff by about 10m. Oxidation along box work (~2-4") Silicified Brecciated sections at 5.9 (250mm)								
9.2	9.86		Broken rubbly zone in buff pink carbonate altered rock								
12.75	13.1		Chlorite-epidote filled fault zone								
13.1	14.1		Broken, same as 3.2 - 12.75								
14.1	15.7		Salmon-pink, brecciated, silicified zone, random veinlets of calcite and vuggy quartz.								
15.7	17.0		Gradational contact into more siliceous unit, less oxidized, oxidized along fractures. Pervasive silicification and stringers.								
17.0	18.2		Porous (vuggy) mafic rich siliceous breccia unit very fine metallic								
18.2	33.8		Fault zone, muddy and silica cemented.								
25.2	30.0	Porphyry	Medium fine grained grey porphyritic unit, within and broken by fault zone.								
approximate											
30.0	35.0	Dolomite?	Grey fine grained, broken, no veining								
35.0	35.5	Quartz vein	Vuggy, broken, flat grey colour, very minor single crystals of rusty sulphide (pyrite?)								

No visible cinnabar in sulphides.

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-4	PAGE NO. 1
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DRILLING COMPANY BEAUPRE		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH 270°	TOTAL METRES 57	DIP OF HOLE AT collar 75°	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 25 + 00N	MAP REFERENCE NO. 92-J/10W	CLAIM NO. MODEL 1	
DATE HOLE STARTED Sept 8/84	DATE COMPLETED Sept 9/84	DATE LOGGED Sept 9/84	LOGGED BY D. Johnson		ft		LOCATION (Tp., Lot, Con. OR Lot. and Long.)	PROPERTY NAME MODEL	
EXPLORATION CO., OWNER OR OPTIONEE LACANA		DATE SUBMITTED	SUBMITTED BY (Signature)		ft				
					ft				

Metres FROM TO		ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE °	CORE SPECIMEN M +	YOUR SAMPLE NUMBER	SAMPLE Metres FROM TO		SAMPLE LENGTH	ASSAYS +	
0	4.9		Casing								
4.9	7.6		Altered, bleached, carbonatized, brecciated.								
6.0	6.7		Same as above, but heavily silicified, hard, blue-gray, quartz matrix cut by carbonate veinlets. (brown)								
6.7	8.1		(brown) same, but badly broken and oxidized.								
8.1	14.7		Brecciated, silicified, partly oxidized, especially along fractures								
8.5	15.5		cinnabar - irregular stringers and clots up to 20mm in most silicified section.								
13.3	14.0		Crystalline, possibly with some realgar- orpiment crystals section of black mineral, carbonate perhaps, with numerous quartz and calcite veinlets cutting. Main orientation is about 40 - 50 degrees to core axis								
14.3	19.8		Purple-maroon section - muddy, low in silica, carbonate								
14.6	15.5		Broken, oxidized. possible flow textures, as at 15.8								
15.9	16.2		Broken oxidized.								
19.8	24.6		More siliceous, grey, banded with black non metallic, brown oxidized on fractures, grading into grey-green unit, all brecciated with random cross cutting quartz veinlets up to 10 mm throughout.								
24.6	28.6		Purple siliceous breccia.								

DIAMOND DRILLING LOG

Start a new page for every new hole, but fill in top portion of form only on first page for each hole.

FILL IN ON EVERY PAGE

HOLE NO. 84-5 PAGE NO. 1

DRILLING COMPANY BEAUPRE		COLLAR ELEVATION	BEARING OF HOLE FROM TRUE NORTH 270 ^D	TOTAL METRES 124	DIP OF HOLE AT collar -45	LOCATION OF HOLE IN RELATION TO A FIXED POINT ON THE CLAIM 26 + 05N 0 + 75E	MAP REFERENCE NO. 92-1/10	CLAIM NO. MODEL
DATE HOLE STARTED Sept 9	DATE COMPLETED Sept 11/84	DATE LOGGED Sept 11/84	LOGGED BY D. Johnson		ft		LOCATION (Tp., Lot, Con. OR Lat. and Long.)	PROPERTY NAME MODEL
EXPLORATION CO., OWNER OR OPTIONEE		DATE SUBMITTED	SUBMITTED BY (Signature)		ft			
					ft			

Metres FROM TO	ROCK TYPE	DESCRIPTION Colour, grain size, texture, minerals, alteration, etc.	PLANAR FEATURE ANGLE	CORE SPECIMEN M +	YOUR SAMPLE NUMBER	SAMPLE Metres		SAMPLE LENGTH	ASSAYS +	
						FROM	TO			
0	38.4	Deep overburden, followed by badly broken, clay fault gouge. N Casing to 49'. Reduced to "B" to enable use of "B" casing in Beaupre's inventory at Princeton. "B" Casing to 129' Start "B" core at 126' 38.4m, Sept 10, afternoon. Lost about 1/2 day plus 1/2 day slow progress.								
38.4	48.6	1-1/2 boxes of "N" core, mostly muddy, possibly erratic. Some fragments of banded dolomite as seen in upper parts of holes 1 & 2 Mostly green clay.								
48.6	51.7	Medium-fine grained "greenstone", some maroon sections, all heavily clay altered								
51.7	53.0	Siliceous unit, badly broken and oxidized, some suggestion of mafic banding, lacey mafic stringers.								
53.0	53.9	Clay altered, green-tan colour, no textures or minerals identifiable Lacey dark stringers.								
53.9	58.5	Mottled purple-green, clay altered.								
56.8	57.0	Similar appearance to above, much harder, less clay altered, occasional maroon sections, rare v.f.g. pyrite								
58.5	64.6	Mud seam								
64.6	66.1	Green, no maroon sections, much calcite veining								
		Grey-green, fine grained, much clay, mafic (chlorite?) stringers.								

APPENDIX IV

ASSAY RESULTS

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 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: SLUDGE AU: ANALYSIS BY AA FROM 10 GRAM SAMPLE. H6 ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: SEPT 9 1984 DATE REPORT MAILED: *Sept 18/84* ASSAYER: *D. J. Toy* DEAN TOYE, CERTIFIED B.C. ASSAYER

LACANA MINING CORP PROJECT # 6907 FILE # 84-2552A

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SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#	H6
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	%	%	%	%	PPM	PPM	PPM
84DDH-1 7-17	1	70	4	67	.1	47	18	888	4.50	79	5	ND	5	174	1	11	2	128	9.72	.01	3	63	4.24	49	.01	9	.58	.05	.02	28	5	9.5
84DDH-1 17-27	2	129	12	124	.2	46	15	930	4.59	35	5	ND	2	114	1	11	2	134	4.88	.04	4	27	2.41	134	.01	7	.94	.04	.04	156	5	6.5
84DDH-1 27-37	2	79	6	77	.2	56	10	950	4.25	28	5	ND	4	131	1	13	2	83	4.90	.06	7	20	2.54	187	.01	12	.78	.04	.06	82	5	15.5
84DDH-1 37-47	1	60	13	75	.1	26	13	909	4.51	29	5	ND	6	130	1	13	2	111	7.46	.06	5	11	3.04	272	.01	10	.75	.04	.06	31	5	9.0
84DDH-1 47-57	2	36	8	96	.1	27	11	964	4.80	21	5	ND	6	146	1	16	2	118	11.07	.02	2	19	4.26	87	.01	5	.61	.05	.02	20	5	14.0
84DDH-1 57-67	1	58	7	95	.2	54	14	1009	4.52	38	5	ND	3	116	1	7	2	69	4.44	.06	5	33	2.49	98	.01	8	.60	.04	.07	64	5	6.0
84DDH-1 67-77	2	62	1	79	1.3	73	15	1029	4.86	19	5	ND	5	91	1	8	6	80	6.20	.09	6	51	2.31	120	.01	10	.95	.07	.12	37	5	5.5
84DDH-1 77-87	1	70	9	79	.2	65	18	1028	4.84	14	5	ND	6	95	1	7	6	92	6.43	.09	5	64	2.34	210	.01	8	1.38	.08	.09	26	5	18.5
84DDH-1 87-97	3	72	9	62	.1	65	19	1033	5.49	16	5	ND	6	112	1	4	2	89	6.15	.09	10	66	2.70	263	.01	3	1.54	.07	.08	7	5	7.0
84DDH-1 97-107	1	63	9	71	.1	66	19	968	5.09	14	5	ND	2	198	1	2	3	109	4.93	.08	5	92	2.33	99	.10	17	2.75	.08	.08	19	5	12.5
84DDH-1 107-117	2	60	7	63	.5	64	17	925	5.17	29	5	ND	5	93	1	11	5	68	5.86	.08	7	66	2.12	241	.01	12	2.11	.09	.13	14	5	2.5
84DDH-1 117-127	1	47	8	62	.1	65	17	881	4.64	18	5	ND	3	104	1	10	2	87	4.25	.09	6	96	2.17	155	.01	8	2.31	.10	.13	4	5	17.5
84DDH-1 127-137	1	48	7	60	.1	54	16	913	4.60	18	5	ND	5	113	1	6	2	84	4.81	.09	6	51	2.34	128	.01	8	1.96	.09	.13	4	5	5.0
84DDH-1 137-147	1	67	13	63	.1	32	13	826	4.69	12	5	ND	3	180	1	5	6	119	4.49	.09	6	30	1.53	183	.09	11	2.31	.09	.11	19	5	10.0
84DDH-1 147-157	1	75	8	80	.5	65	19	1039	5.16	9	5	ND	3	146	1	2	2	102	4.71	.10	8	83	2.30	792	.10	5	2.82	.09	.11	12	5	1.5
STD C/AU-0.5	20	58	41	124	7.3	70	27	1049	3.81	40	20	8	38	49	18	15	21	58	.44	.13	37	57	.88	179	.06	38	1.72	.06	.13	13	480	1.2

D.D. 11 8/11/1

ASSAY CERTIFICATE

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-3 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: SLUDGES AU+ ANALYSIS BY AA FROM 10 GRAM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: SEPT 12 1984 DATE REPORT MAILED: *Sept 19/84* ASSAYER: *D. J. J.* DEAN TOYE. CERTIFIED B.C. ASSAYER

LACANA MINING CORP PROJECT # 6907 FILE # 84-2603

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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 %	M PPM	AU# PPB	HG PPM
84-2 0-10	1	72	16	87	.3	29	14	932	5.08	22	5	ND	2	102	1	20	2	123	5.50	.07	4	28	2.18	190	.01	9	.67	.04	.03	42	5	6.0
84-2 10-17	1	59	8	67	.2	23	11	1029	4.98	30	5	ND	2	118	1	17	2	99	5.79	.05	2	15	2.56	196	.01	10	.49	.03	.03	34	5	19.0
84-2 17-27	2	79	11	84	.2	44	11	1000	4.76	33	5	ND	2	103	1	17	2	97	5.84	.06	5	21	2.53	124	.01	10	.56	.03	.03	60	5	16.0
84-2 27-37	1	85	5	84	.2	30	16	856	5.92	21	5	ND	2	92	1	21	2	154	5.52	.05	2	32	2.60	191	.02	8	.76	.06	.03	26	5	21.5
84-2 37-47	2	65	6	88	.1	26	16	863	5.61	14	5	ND	2	95	1	21	3	141	8.52	.03	3	23	3.49	280	.01	10	.47	.04	.01	30	5	8.0
84-2 47-57	1	92	7	85	1.1	52	15	852	4.89	68	5	ND	2	146	1	19	2	119	9.22	.02	2	56	4.02	285	.01	10	.50	.04	.02	51	5	7.5
84-2 57-67	2	70	9	92	.1	84	17	957	5.59	310	5	ND	2	105	1	16	2	86	6.40	.07	5	70	2.91	97	.01	10	.58	.04	.04	51	5	6.0
84-2 67-77	2	102	5	103	2.6	87	18	954	5.74	403	5	ND	2	87	1	20	2	90	4.95	.09	4	54	2.47	118	.01	10	.53	.05	.07	87	5	12.0
84-2 77-87	2	80	2	71	.2	54	16	903	5.68	428	10	ND	2	76	1	13	2	83	4.44	.10	10	40	1.88	102	.02	12	.80	.08	.07	42	5	3.5
84-2 87-97	2	87	3	63	1.1	51	15	795	4.96	121	6	ND	2	112	1	8	2	70	5.81	.09	7	57	1.89	264	.01	13	1.50	.07	.08	34	5	5.0
84-2 97-107	3	92	8	76	.1	56	16	944	6.04	88	6	ND	2	107	1	10	2	79	6.14	.08	3	63	2.38	179	.01	15	1.65	.08	.08	40	5	6.5
84-2 107-117	3	142	4	112	.1	65	15	839	5.15	96	5	ND	2	116	1	7	8	74	6.25	.07	5	71	2.50	186	.01	2	1.34	.06	.07	132	5	8.0
84-2 117-127	2	66	7	85	.1	52	16	911	5.14	60	5	ND	2	102	1	11	2	74	6.30	.10	7	38	1.93	412	.01	10	.85	.06	.11	14	5	6.5
84-2 127-137	1	58	6	72	.4	35	15	858	5.23	39	5	ND	2	93	1	11	2	91	5.93	.09	4	29	2.12	551	.01	9	1.20	.06	.11	10	5	9.5
84-2 137-147	1	64	7	69	.1	24	15	878	5.50	51	6	ND	2	122	1	9	2	99	4.64	.09	6	21	1.77	596	.01	11	1.77	.07	.12	4	5	7.5
84-2 147-157	1	75	4	75	.1	25	15	860	5.43	30	8	ND	2	150	1	5	2	121	3.74	.12	7	22	2.02	283	.14	20	2.73	.06	.10	5	5	7.5
84-2 157-167	1	103	1	91	.1	43	15	926	5.73	24	5	ND	2	129	1	2	2	128	3.39	.12	6	37	2.36	293	.29	24	3.19	.06	.09	17	5	4.5
84-2 167-177	2	79	2	107	2.1	88	22	1067	6.31	27	5	ND	2	95	1	3	2	121	3.68	.14	5	99	2.83	98	.24	26	3.14	.07	.08	12	5	4.0
84-2 177-187	2	103	3	82	.1	74	18	955	5.78	53	5	ND	2	100	1	6	2	126	4.04	.09	4	78	3.29	181	.28	24	2.42	.07	.06	10	5	6.0
84-2 187-197	2	107	1	89	.1	88	18	1017	5.85	37	10	ND	2	78	1	2	3	115	2.39	.12	3	102	3.47	164	.35	23	2.79	.06	.05	32	5	6.0
84-2 197-207	2	109	5	102	.1	100	20	990	6.15	24	5	ND	2	86	1	3	2	112	2.56	.11	6	100	3.44	96	.26	23	2.86	.07	.07	35	5	3.5
84-2 207-217	2	88	7	88	.2	84	20	884	5.87	35	10	ND	2	95	1	6	2	92	2.93	.10	4	79	2.77	160	.15	19	2.26	.07	.08	13	5	4.0
84-2 217-227	3	110	4	92	.1	78	21	996	6.76	96	7	ND	2	111	1	11	2	105	4.23	.09	2	74	2.81	244	.12	13	1.70	.07	.07	22	5	12.0
84-2 227-237	4	381	26	103	.2	76	20	1033	6.56	79	5	ND	2	103	1	12	2	98	5.58	.08	6	69	3.13	343	.05	15	1.66	.06	.07	17	5	5.5
84-2 237-247	3	140	2	106	.2	66	17	953	6.26	53	7	ND	2	100	1	10	2	110	4.66	.09	4	56	2.74	428	.08	12	1.60	.07	.08	57	5	7.5
84-2 247-250	2	94	3	69	.1	47	14	936	5.72	30	10	ND	2	133	1	9	2	129	4.37	.11	8	45	2.00	271	.20	15	2.31	.13	.10	11	5	5.0
84-3 11-17	1	94	4	97	.1	28	14	1188	5.13	18	5	ND	2	106	1	22	2	129	6.15	.05	4	14	2.66	56	.01	10	.61	.03	.02	74	5	28.0
84-3 17-27	2	53	12	76	.1	29	17	1322	5.74	54	5	ND	2	74	1	15	2	109	2.91	.07	5	15	1.57	60	.01	10	.81	.05	.06	10	5	22.0
84-3 27-37	1	75	7	90	2.8	28	17	1246	5.93	44	7	ND	2	84	1	17	2	117	2.97	.07	4	18	1.63	55	.01	9	.85	.04	.06	26	5	23.0
84-3 37-47	1	72	7	82	.2	19	19	1181	6.86	38	5	ND	2	73	1	27	2	187	4.20	.06	3	20	2.21	29	.01	12	.81	.04	.04	4	5	31.0
84-3 47-57	1	57	5	81	.1	19	15	1141	6.08	30	5	ND	2	80	1	23	2	141	4.53	.06	4	17	2.17	26	.01	12	.63	.04	.06	12	5	34.0
84-3 57-67	2	49	7	63	4.8	22	14	914	5.05	65	5	ND	2	73	2	26	2	116	4.92	.04	5	25	2.25	93	.01	9	.51	.03	.02	12	5	11.0
84-3 67-77	3	52	5	61	.2	22	15	898	5.04	54	5	ND	2	60	1	24	2	115	3.87	.04	2	21	1.89	65	.01	6	.50	.03	.02	12	5	10.5
84-3 77-87	3	60	4	75	.5	28	18	977	5.83	49	5	ND	2	58	1	21	2	133	3.80	.05	2	24	2.02	53	.01	7	.51	.03	.02	11	5	6.5
84-3 87-97	3	59	7	83	.5	32	18	1122	6.61	43	5	ND	2	68	1	22	2	156	4.46	.04	3	31	2.46	37	.01	10	.50	.03	.01	9	5	10.0
84-3 97-107	4	53	6	69	.6	38	16	821	4.95	71	5	ND	2	53	1	27	2	111	3.76	.03	3	27	1.80	101	.01	7	.36	.03	.01	22	5	4.5
84-3 107-117	2	75	3	73	.5	47	17	881	5.47	85	5	ND	2	96	1	27	2	137	5.59	.02	2	66	2.88	164	.01	9	.34	.02	.01	33	5	11.5
STD C/AU 0.5	20	58	40	125	7.0	70	27	1063	4.37	40	19	8	35	49	17	16	19	59	.44	.15	40	57	.88	180	.07	40	1.64	.06	.13	14	505	-

LACANA MINING CORP PROJECT # 6907 FILE # 84-2603

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SAMPLE#	MO PPH	CU PPH	PB PPH	ZN PPH	AG PPH	NI PPH	CO PPH	MN PPH	FE %	AS PPH	U PPH	AU PPH	TH PPH	SR PPH	CD PPH	SB PPH	BI PPH	V PPH	CA %	P %	LA PPH	CR PPH	MG %	BA PPH	TI %	B PPH	AL %	NA %	K %	W PPH	AU# PPB	H6 PPH
84-3 117-127	2	69	9	71	1.2	80	17	884	5.08	69	5	ND	2	92	1	21	2	104	5.41	.02	2	70	2.67	119	.01	6	.33	.03	.02	56	5	9.0
84-3 127-137	1	63	6	67	1.3	66	16	903	4.78	36	6	ND	2	103	1	17	2	89	5.48	.05	2	57	2.44	75	.01	3	.32	.02	.02	49	5	7.5
84-3 137-147	3	61	6	67	.4	57	16	988	5.63	40	7	ND	2	96	1	15	2	87	5.21	.06	2	46	2.25	143	.01	5	.47	.04	.03	34	5	6.0
84-3 147-157	3	73	6	73	.4	60	16	1060	6.31	38	8	ND	2	96	1	17	2	88	5.33	.06	5	49	2.27	246	.01	5	.40	.03	.03	44	5	7.0
84-3 157-167	3	73	7	74	.5	57	16	1029	6.04	41	8	ND	2	106	1	16	2	92	5.21	.07	4	42	2.27	184	.01	4	.41	.03	.03	52	5	12.5
84-3 167-177	2	62	7	71	.5	53	17	908	5.11	46	7	ND	2	96	1	20	2	95	4.72	.06	5	40	2.21	226	.01	6	.39	.03	.03	41	5	9.0
84-3 177-187	2	86	7	87	.3	67	18	1063	5.97	74	7	ND	2	101	1	22	2	100	4.46	.07	5	52	2.29	206	.01	6	.41	.03	.03	67	5	9.5
84-3 187-197	2	85	7	78	2.0	52	16	1063	5.65	47	5	ND	2	93	1	24	2	91	4.52	.06	3	43	2.04	334	.01	5	.43	.03	.05	49	5	13.0
84-3 197-207	2	81	6	75	.4	39	15	1012	5.46	36	7	ND	2	103	1	20	2	84	3.96	.06	4	31	1.80	567	.01	3	.43	.04	.05	40	5	11.5
84-3 207-217	1	52	5	70	.2	32	13	915	4.70	21	8	ND	2	108	1	15	2	67	3.67	.07	7	31	1.51	1133	.01	4	.33	.04	.05	27	5	8.0
84-3 217-227	2	70	8	80	.3	50	17	1091	5.72	30	8	ND	2	143	1	18	2	93	4.69	.07	4	48	2.17	771	.01	6	.52	.04	.06	21	5	9.0
84-3 227-237	1	69	6	62	.2	42	15	953	4.91	27	7	ND	2	110	1	14	2	81	4.95	.06	2	45	2.00	707	.01	6	.45	.03	.06	10	5	6.5
84-3 237-247	2	80	8	68	.2	52	17	1059	5.40	23	7	ND	2	106	1	13	2	88	4.85	.07	6	61	2.36	716	.01	6	1.04	.04	.07	7	5	6.0
84-3 247-257	2	91	6	78	.2	67	18	979	5.70	23	9	ND	2	83	1	12	2	91	3.82	.08	3	74	2.43	562	.01	7	1.47	.05	.06	9	5	4.0
84-3 257-267	2	115	7	71	.3	72	18	925	5.50	21	9	ND	2	96	1	9	2	92	3.51	.10	5	85	2.68	415	.07	12	2.09	.05	.06	12	5	3.5
84-3 267-277	2	95	6	65	.1	59	17	973	5.58	20	10	ND	2	103	1	9	2	76	3.92	.10	8	77	2.36	770	.03	8	1.53	.06	.05	10	5	3.5
84-3 277-287	2	99	10	76	.2	66	18	1019	5.80	26	9	ND	2	118	1	13	2	88	4.67	.08	4	70	2.52	521	.01	7	1.21	.05	.05	11	5	13.0
84-3 287-297	2	89	6	82	3.1	68	19	1036	6.22	23	8	ND	2	91	1	12	2	99	4.33	.09	6	68	2.44	341	.02	8	1.36	.06	.09	9	5	12.5
84-3 297-307	1	135	7	84	.2	59	18	1096	5.66	20	8	ND	2	117	1	9	2	81	4.97	.09	5	63	2.49	372	.02	7	1.74	.06	.08	6	5	5.0
84-3 307-317	1	121	5	82	.2	39	17	1052	5.52	12	10	ND	2	80	1	6	2	92	3.88	.09	9	47	2.20	360	.01	8	1.90	.08	.07	5	5	2.0
84-3 317-327	1	103	6	76	.3	45	17	1094	5.56	16	11	ND	2	96	1	9	2	91	4.73	.08	2	54	2.09	616	.01	6	1.53	.05	.08	8	5	3.5
84-3 327-328.5	1	144	7	76	.3	40	18	1062	5.94	12	10	ND	2	69	1	7	2	113	4.34	.09	2	49	2.10	222	.01	7	2.01	.05	.09	4	5	3.0
84-4 17-27	3	79	6	88	.1	51	10	709	3.97	67	5	ND	2	85	1	118	2	99	5.45	.01	2	47	2.07	73	.01	3	.30	.02	.01	87	5	60.0
84-4 27-37	1	36	6	86	.2	101	15	1020	4.67	75	7	ND	2	92	1	140	2	98	6.05	.05	2	59	2.32	38	.01	6	.37	.03	.04	25	5	2900.0
84-4 37-47	1	35	5	64	.2	61	17	967	4.90	39	12	ND	2	93	1	47	2	94	5.67	.12	8	65	2.65	58	.01	3	.50	.03	.03	9	5	155.0
84-4 47-57	1	34	6	64	.3	52	15	994	4.71	16	9	ND	2	87	1	31	2	98	4.58	.11	7	52	2.16	674	.01	8	.73	.06	.09	8	5	60.0
84-4 57-67	1	27	7	60	.2	53	16	1002	4.76	47	11	ND	2	95	1	23	2	90	4.79	.11	10	46	2.24	357	.01	6	.68	.06	.10	4	5	28.0
84-4 67-77	1	30	6	63	.1	55	16	1040	4.62	55	10	ND	2	107	1	20	2	88	6.66	.09	7	42	2.53	114	.01	6	.51	.03	.05	5	5	45.0
84-4 77-87	1	40	4	66	.2	63	18	1069	4.77	49	9	ND	2	105	1	24	2	94	5.43	.09	6	47	2.56	247	.01	6	.54	.04	.06	7	5	40.0
84-4 87-97	1	33	7	62	.1	48	16	989	4.69	15	13	ND	2	106	1	17	2	86	4.20	.10	10	44	2.34	663	.01	7	.84	.06	.11	6	5	14.0
84-4 97-107	1	35	7	75	.2	76	21	990	5.43	89	8	ND	2	93	1	35	2	105	4.97	.09	6	44	2.10	177	.01	5	.52	.03	.09	10	5	41.0
84-4 107-117	1	32	7	81	.2	61	19	1149	5.54	28	10	ND	2	105	1	20	2	93	4.68	.09	9	48	2.33	497	.01	6	.59	.05	.10	10	5	35.0
84-4 117-127	1	60	6	81	.1	55	19	1118	5.66	8	10	ND	2	146	1	14	2	77	4.89	.09	8	57	2.57	794	.01	8	.85	.05	.09	4	5	7.5
84-4 127-137	1	64	5	112	.3	102	29	1307	6.54	64	11	ND	2	122	1	28	2	113	4.96	.08	4	73	2.73	238	.01	7	.62	.04	.06	3	5	37.0
84-4 137-147	1	102	4	79	.2	64	19	1039	5.54	24	15	ND	2	90	1	30	2	93	3.87	.11	10	61	2.06	384	.01	8	1.09	.07	.09	5	5	16.0
84-4 147-157	1	80	7	86	.1	90	25	1125	6.12	58	13	ND	2	84	1	27	2	115	4.70	.11	10	62	2.40	245	.01	7	.75	.06	.06	7	5	24.5
84-4 157-167	1	129	6	71	.2	76	19	930	5.64	16	14	ND	2	76	1	10	2	96	4.93	.10	4	81	2.13	219	.04	10	2.44	.07	.08	2	5	6.0
84-4 167-177	1	119	7	68	.2	77	18	973	5.65	10	9	ND	2	82	1	5	2	103	4.89	.11	5	80	2.32	134	.07	14	2.69	.08	.07	2	5	6.0
84-4 177-187	2	98	8	83	.2	75	20	1121	6.11	23	13	ND	2	96	1	10	2	100	4.50	.10	8	77	2.76	337	.02	9	1.90	.09	.10	3	5	7.5
STD C/AU 0.5	17	58	39	124	6.8	69	27	1089	4.35	37	18	8	37	48	16	16	18	58	.44	.14	39	57	.88	179	.06	37	1.64	.06	.12	13	510	-

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: SEPT 13 1984 DATE REPORT MAILED: *Sept 18 1984* ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER

LACANA MINING CORP PROJECT # 6907 FILE # 84-2610

PAGE 1

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU#	HG
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	PPB	
84-5 47-57	1	54	12	65	1.1	33	11	659	3.36	11	5	ND	3	75	1	2	2	91	2.60	.11	7	25	1.50	455	.16	10	1.67	.08	.10	33	5	460
84-5 57-67	2	61	10	70	.6	49	11	844	3.55	14	5	ND	3	122	1	2	2	92	2.76	.13	6	33	1.56	357	.13	14	1.59	.10	.12	28	5	390
84-5 67-77	2	51	8	79	.3	34	11	1127	3.93	19	5	ND	2	218	1	2	2	97	2.66	.14	8	30	1.53	496	.09	13	1.22	.09	.13	13	5	320
84-5 77-87	2	91	5	57	.2	23	12	1419	4.15	28	5	ND	2	445	1	2	2	121	3.21	.17	9	22	1.66	314	.02	18	.88	.08	.18	2	5	150
84-5 87-93	2	74	6	54	.1	23	11	1447	4.06	22	5	ND	2	429	1	2	2	112	3.24	.16	6	22	1.57	281	.02	16	.73	.07	.16	3	5	110
84-5 127-137	5	82	6	66	.2	30	12	1229	5.31	15	5	ND	2	179	1	3	2	73	3.40	.08	7	27	1.87	628	.01	8	.57	.10	.13	32	5	720
84-5 137-147	3	167	7	155	.3	58	12	949	4.68	13	5	ND	2	172	1	2	7	67	3.03	.08	7	18	1.54	288	.01	2	.92	.12	.13	121	5	440
84-5 147-157	3	71	8	60	.1	22	12	1097	4.58	17	5	ND	2	194	1	3	2	79	3.87	.08	10	15	1.77	341	.01	9	.78	.12	.13	14	5	1800
84-5 157-167	6	86	8	78	1.7	44	16	1137	5.77	34	5	ND	2	143	1	9	3	98	4.25	.06	9	38	2.18	227	.01	9	.52	.07	.09	30	5	6400
84-5 167-177	5	90	10	60	.7	50	17	1256	6.55	23	5	ND	2	143	1	6	2	89	4.04	.07	3	55	2.12	506	.01	10	.62	.09	.11	8	5	2700
84-5 177-187	8	116	9	62	.7	55	17	1221	6.84	22	5	ND	2	144	1	2	2	81	5.35	.07	2	60	2.04	614	.01	8	.81	.08	.11	10	5	3100
84-5 187-197	6	117	5	79	.1	58	17	1168	6.35	23	5	ND	2	136	1	3	2	80	5.22	.08	9	66	2.06	478	.01	8	1.00	.09	.11	17	5	2000
84-5 197-207	6	106	6	65	.1	61	20	1059	6.27	21	5	ND	2	127	1	3	2	73	5.43	.07	9	77	2.02	100	.01	8	1.18	.08	.10	14	5	2200
84-5 207-217	5	103	6	68	.2	55	19	1026	5.76	25	5	ND	2	146	1	5	2	84	4.79	.07	5	60	2.08	239	.01	10	1.04	.08	.10	21	5	2700
84-5 217-227	6	108	9	87	1.3	66	19	1167	6.53	25	5	ND	2	151	2	7	2	86	5.49	.07	11	62	2.52	550	.01	12	.67	.07	.09	24	5	4800
84-5 227-237	7	120	9	69	.2	61	17	1172	6.73	27	5	ND	2	147	1	5	2	78	4.68	.07	7	64	1.97	529	.01	7	.87	.09	.11	20	5	2100
84-5 237-247	6	95	5	81	.3	70	19	1083	6.54	19	5	ND	2	124	1	3	2	75	4.12	.08	7	77	2.29	637	.01	10	1.32	.08	.10	16	5	2200
84-5 247-257	5	87	6	88	.1	75	19	1096	6.21	19	5	ND	2	123	1	2	2	91	3.85	.10	7	86	2.33	415	.04	12	1.87	.07	.09	14	5	1000
84-5 257-267	6	121	8	99	1.0	85	20	1125	7.11	20	5	ND	2	108	1	2	2	102	3.32	.09	11	93	2.63	486	.09	15	1.96	.07	.09	21	5	1800
84-5 267-277	5	82	8	102	.2	79	20	1027	6.57	16	5	ND	2	97	1	2	2	81	3.22	.09	10	82	2.43	340	.03	11	1.74	.07	.10	18	5	1000
84-5 277-287	5	91	5	92	.3	71	20	1004	6.34	14	5	ND	2	94	1	2	2	77	3.19	.10	7	86	2.22	539	.03	8	1.73	.07	.09	31	5	1500
84-5 287-297	5	101	5	92	.1	69	20	1165	6.45	16	5	ND	2	102	1	2	2	78	3.65	.08	7	67	2.23	1078	.04	8	1.73	.07	.10	16	5	1400
84-5 297-307	5	96	8	82	.1	60	20	1186	6.51	19	5	ND	2	142	1	2	2	87	4.10	.08	11	64	2.32	1072	.02	11	1.43	.08	.12	11	5	2000
84-5 307-317	5	94	8	87	.1	62	20	1187	6.61	17	5	ND	2	142	1	2	4	92	4.50	.08	6	59	2.41	1073	.01	9	1.22	.08	.12	22	5	2400
84-5 317-327	3	60	3	87	.1	66	19	1047	5.80	15	5	ND	2	104	1	2	2	90	3.89	.10	6	71	2.28	489	.02	9	1.66	.09	.14	8	5	1400
84-5 327-337	3	61	3	81	.1	58	20	1086	5.94	16	5	ND	2	143	1	5	2	101	4.08	.09	6	63	2.36	546	.01	10	1.29	.10	.14	11	5	1600
84-5 337-347	3	131	3	139	.3	83	22	1129	5.40	26	5	ND	2	153	1	10	2	103	4.52	.08	8	54	2.53	759	.01	8	.82	.08	.11	92	5	4500
84-5 347-357	4	161	2	158	.1	95	21	1092	5.30	25	5	ND	2	166	1	8	9	101	4.53	.08	5	53	2.43	612	.01	2	.83	.08	.11	181	5	6000
84-5 357-367	3	94	7	111	.1	70	21	1177	5.66	19	5	ND	2	145	1	7	2	105	4.27	.08	5	56	2.47	582	.01	8	.85	.08	.11	37	5	8500
84-5 367-377	4	103	6	100	.1	67	19	1111	5.74	20	5	ND	2	152	1	7	2	98	4.35	.09	9	66	2.25	696	.01	8	1.27	.09	.12	32	5	5500
84-5 377-387	3	78	6	77	1.4	52	16	934	4.90	15	5	ND	2	126	1	4	3	87	3.55	.10	8	44	2.07	687	.06	10	1.35	.10	.09	24	5	2600
84-5 387-397	3	100	6	100	.1	65	20	1084	5.66	17	5	ND	2	160	1	3	2	103	4.08	.09	9	55	2.48	714	.01	13	1.28	.11	.14	45	5	1800
84-5 397-400	3	84	6	92	.1	59	20	1114	5.46	16	5	ND	2	158	1	4	2	96	4.33	.07	4	54	2.60	647	.02	8	.94	.08	.10	20	5	2600
STD C/AU 0.5	19	58	39	124	6.3	69	27	1066	3.82	40	18	7	35	49	16	15	20	59	.44	.15	37	58	.88	181	.07	37	1.66	.06	.13	14	510	1200

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604) 253-3158 COMPUTER LINE: 251-1011

DATE RECEIVED SEPT 9 1984

DATE REPORTS MAILED

Sept 18/84

ASSAY CERTIFICATE

SAMPLE TYPE : CORE - CRUSHED AND PULVERIZED TO -100 MESH.
AU BY FIRE ASSAY

ASSAYER *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

LACANA MINING CORP PROJECT# 6907 FILE# 84-2552B

PAGE# 1

SAMPLE	AU** OZ/T
090651	.001
090652	.001
090653	.001
090654	.001
090655	.001
090656	.001
090657	.001
090658	.001
090659	.001
090660	.001
090661	.001
090662	.001
090663	.001
090664	.001

84-1 3-4 m

84-1 16-17 m

SAMPLE	AU OZ/T
090665	.001
090666	.001
090667	.001
090668	.001
090669	.001
090670	.001
090671	.002
090672	.001
090673	.001
090674	.001
090675	.002
090676	.001
090677	.001
090678	.001
090679	.001
090680	.001
090681	.001
090682	.001
090683	.001
090684	.001
090685	.001
090686	.001
090687	.001
090688	.001
090689	.001
090690	.001

34-41 29-30 gms

34-41 29-30 gms

34-41 30.31 gms