



EQUITY  
SILVER MINES  
LIMITED



EGM  
2563

LOG NO.	RD.
DEC 08 1992	
ACTION.	<i>D.J. Hanson</i>
FILE NO:	

1992 DIAMOND DRILLING ASSESSMENT REPORT

ON THE  
LOUISE LAKE MINERAL PROPERTY

OMINECA MINING DIVISION  
BRITISH COLUMBIA

NTS : 93L/13E & 13W

Latitude : 53 37' N  
Longitude : 125 30' W

OWNER : 402774 B.C. LTD.  
P.O. Box 2124  
Smithers, B.C.  
VOJ 2N0

OPERATOR : EQUITY SILVER MINES LIMITED  
P.O. Box 1450  
Houston, British Columbia  
VOJ 1Z0

REPORT BY: D.J. HANSON, Exploration Geologist  
Equity Silver Mines Limited

DATE: October, 1992

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

22,563

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### SUMMARY

The Louise Lake property is located 33 km west of Smithers, B.C. Copper, gold and molybdenum mineralization is spatially related to a small altered porphyry at the southwest end of Louise Lake and on the north side of Coal Creek. The mineralized zone was previously drilled by Canadian Superior in 1970 and by Corona Corporation in 1989.

The TENN, TENN (2), TENN (3) and TROUT mineral claims were optioned from 402774 B.C. Ltd. by New Canamin Resources Ltd. in November 1991. In October 1991 the TENN (4), TENN (5), TENN (6), TENN (7), TENN (8), TENN (9), TENN (10), TENN (11) and TENN (12) claims were added to the property. When the current work was done, all claims comprising the property were subject to a second option between New Canamin Resources Ltd. and Equity Silver Mines Limited.

During the months of March and June 1992, Equity Silver Mines Limited conducted two diamond drilling programs designed to delineate the geometry of the mineralized zone and to explore for subzones of higher grade. One hole was drilled under the lake to test for a possible faulted extension of the known zone. Thirteen holes were drilled for a total of 2,651.6 metres.

Results from all the drilling to date indicate that the zone is a tabular body between 40 and 30 metres thick, approximately 850 metres long, dipping 20 degrees north and plunging shallowly to the west. Based on a cut-off of 0.2% copper, the weighted average grade of all intersections drilled to date in the zone is 0.3% copper and 0.31 grams per tonne gold. No significant high grade subzones were encountered. A high grade copper-zinc-gold-silver vein with associated disseminated zinc was discovered in the hole drilled below the lake.

This report documents expenditures by Equity Silver Mines Limited of \$277,025.89 on the 1992 Louise Lake drilling program.

## INTRODUCTION

### i) Location, Access, Physiography and Vegetation

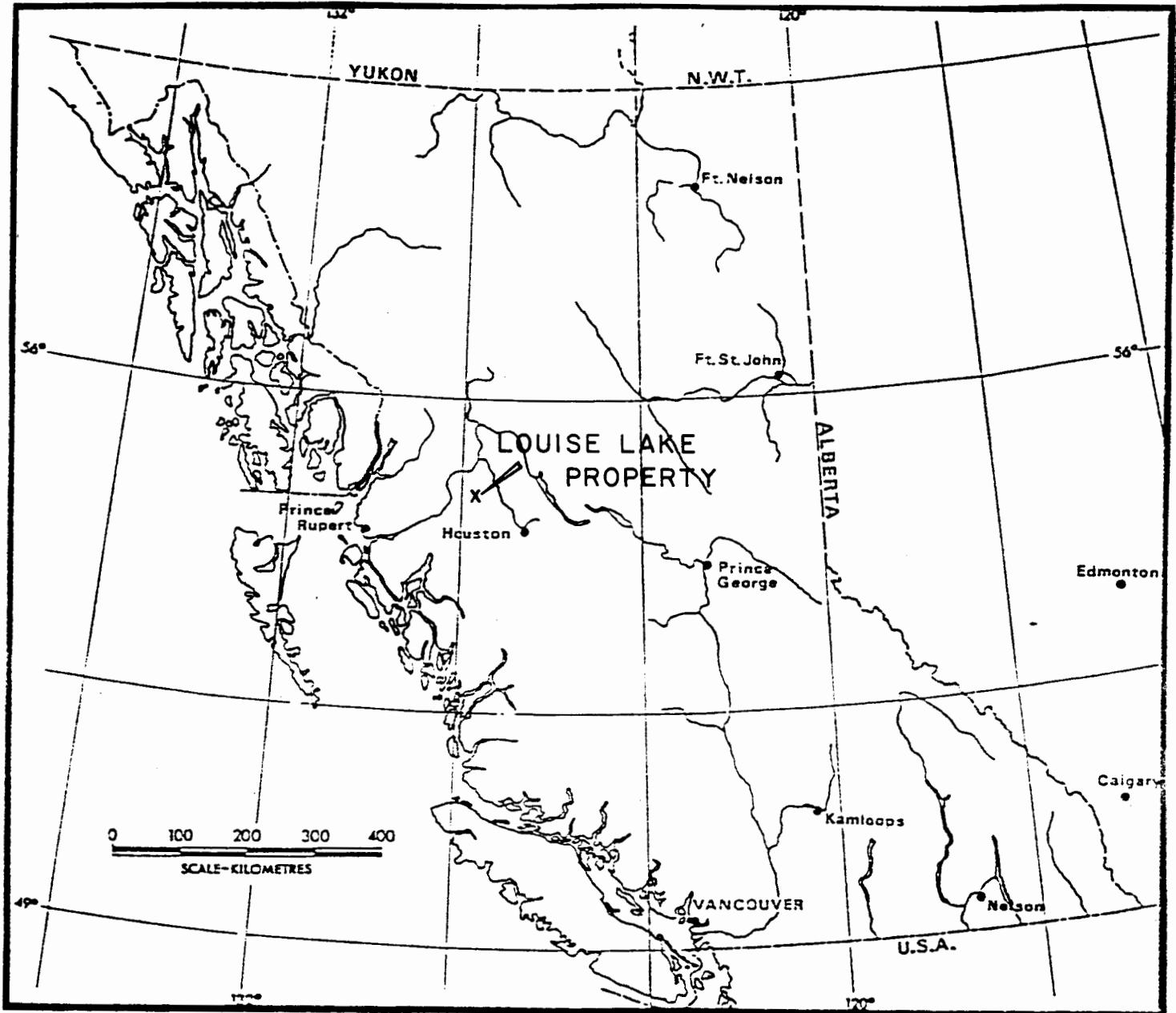
The Louise Lake mineral property is located approximately 33 km west of Smithers, in the Hazelton Mountains physiographic region of northwest B.C. (figure 1). Logging roads are advancing up Coal Creek toward Louise Lake but current access is by winter cat trail from Hankin Lake or by helicopter from Smithers.

Louise Lake is located at the headwaters of Coal Creek which flows southwesterly into the Zymoetz (Copper) River, a major tributary of the Skeena, and a Class I angling river.

Much of the property is covered by over-mature stands of spruce, pine and balsam broken by open swamp northeast and southwest of Louise Lake.

Elevations range from 915 - to more than 1100 metres in moderate terrain.

Bedrock is generally poorly exposed except in the trenched area west of Louise Lake and on some of the steeper slopes surrounding the lake.



LOUISE LAKE PROPERTY  
LOCATION MAP

NO SCALE

FIGURE I

### ii) Claim Ownership and Status

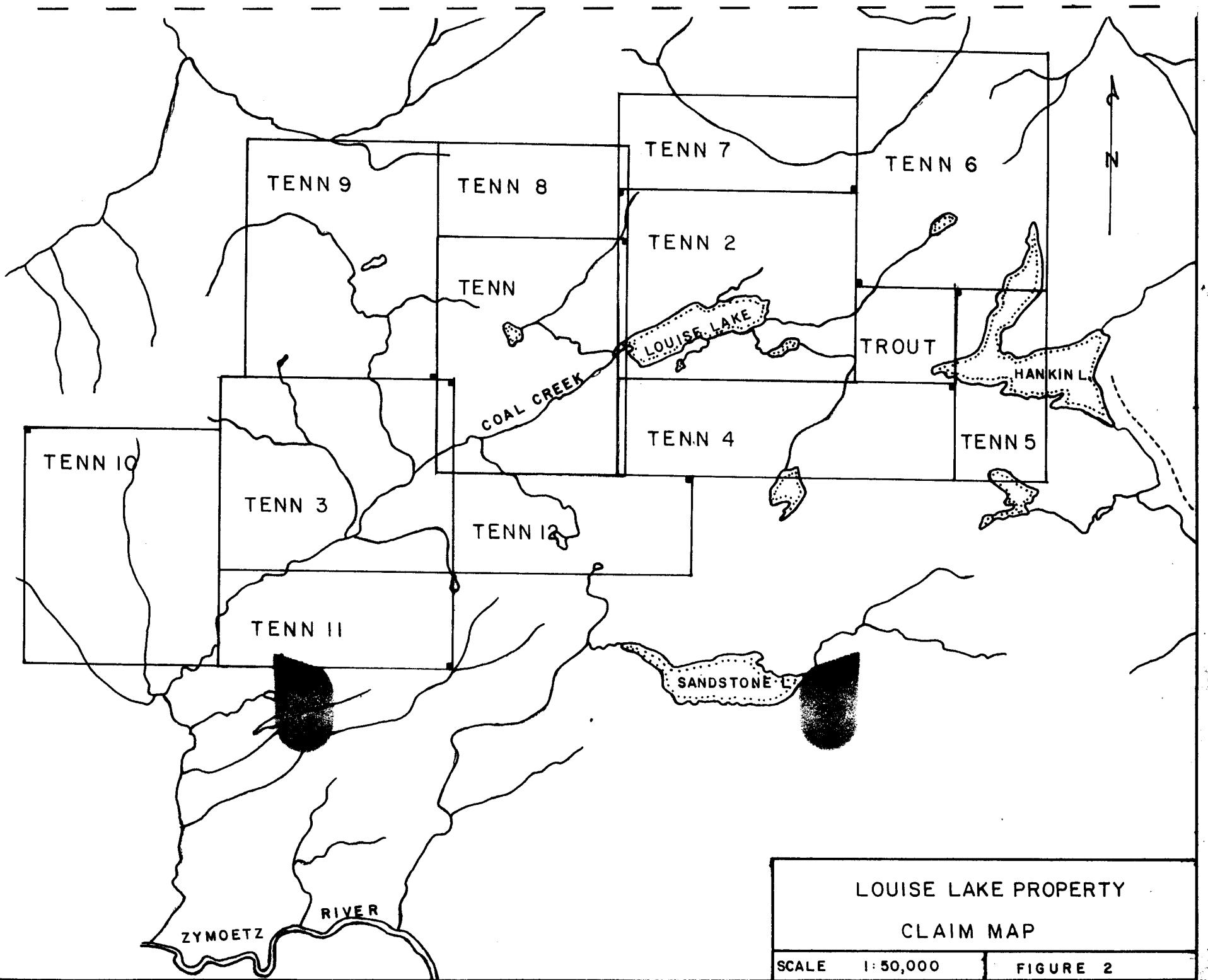
The property currently consists of thirteen Modified Grid mineral claims totalling 184 units (figure 2), that have been grouped three ways for the purpose of applying assessment. The claims are located within the Omineca Mining Division, and are held by Equity Silver Mines Limited under the terms of an option agreement with New Canamin Resources Ltd. and an underlying agreement with 402774 B.C. Ltd.

Claim information is summarized in Table 1.

**Table 1.**  
Louise Lake Property Claim Information.

<u>Claim Name</u>	<u>Units</u>	<u>Record Number</u>	<u>Expiry Date*</u>
TENN	20	8038	Oct. 23, 2002
TENN 2	20	8547	July 20, 2002
TENN 3	20	8548	July 20, 2002
TENN 4	14	305944	Oct. 27, 1995
TENN 5	8	305945	Oct. 26, 1995
TENN 6	20	305946	Oct. 26, 1995
TENN 7	10	305947	Oct. 28, 1995
TENN 8	8	305948	Oct. 28, 1995
TENN 9	20	305949	Oct. 29, 1995
TENN 10	20	305950	Oct. 31, 1995
TENN 11	10	305951	Oct. 31, 1995
TENN 12	10	305952	Oct. 31, 1995
TROUT	4	9889	Oct. 12, 2002

\* Pending acceptance of this report.



### iii) Property History

Copper mineralization was discovered immediately west of Louise Lake by Mastodon-Highland Bell Mines Ltd. in 1968. After geological, geophysical and geochemical studies and 220 metres of bulldozer trenching, the property was optioned to Canadian Superior Exploration Limited in late 1969.

In 1970 Canadian Superior followed-up soil geochemistry and I.P. anomalies by drilling 2,021 metres in seventeen diamond drill holes. Disseminated, low grade, copper-molybdenum mineralization was encountered but the option was terminated and the claims lapsed.

Granby Mining Corporation restaked the area in 1975 and conducted additional geochemical and geophysical surveys. Granby's interest in the property was acquired by Noranda Exploration Company, Limited in 1979. Noranda carried out airborne VLF-EM and magnetometer surveys and some rock and soil geochemistry before abandoning the claims in 1985.

The property was staked by L.B. Warren and E.A. Shaede in 1986 and optioned to Lacana Mining Corporation (latterly Corona Corporation) after selected resampling of the Canadian Superior core indicated anomalous gold values. In 1987 and 1988 Lacana systematically resampled and re-logged the Canadian Superior core; conducted more geophysical and geochemical surveys; and trenched 485 metres including the re-habilitation of the previous trenches. In 1989 Corona drilled 5 holes in the central part of the porphyry to test, in part, for high grade copper-gold mineralization related to a major shear zone as defined by Canadian Superior's DDH 1,2,3,4 and 5. Although low grade copper-gold mineralization over significant widths was encountered in all holes, the main shear zone failed to produce higher than average grade. The option was terminated and the claims were subsequently sold to 402774 B.C. Ltd. on March 27, 1991.

iv) Purpose

A re-evaluation of previous drilling information indicated the potential for a dramatic increase in size of the mineralized zone both along strike and down dip to the north. In particular, anomalous arsenic and antimony values in shallow holes to the west indicated the possibility of a plunging or undulating zone. The Phase I drilling program allocated seven holes to test these possibilities. In addition, two holes were spotted to explore the Coal Creek fault zone and one hole was drilled to partially test an I.P. anomaly beneath Louise Lake.

Holes in the Phase II drilling program were situated as step-outs to the southwest from significant intersections discovered in the Phase I program.

### REGIONAL GEOLOGY

The Louise Lake prospect is situated in the Intermontane tectonic belt of west-central British Columbia. G.S.C. Open File 351 (1976) shows the region in the area of the property to be underlain by Middle Jurassic to Lower Cretaceous sediments and volcanics that have been intruded by late Cretaceous and Eocene felsic to intermediate intrusives. The area has been cross-cut by numerous block faults and occasional thrusts. Regionally, many copper-gold and copper-molybdenum "porphyry" deposits and prospects occur in a similar geologic setting.

### PROPERTY GEOLOGY

The Coal Creek lineament is a fault of regional extent that separates Ashman Formation sediments and Netalzul Volcanics, both of the Jurassic Bowser Lake Group, on the south from conglomerate, sandstone, and argillite of the Cretaceous Skeena Group on the north. Just southwest of Louise Lake, Skeena Group rocks have been intruded and altered by feldspar porphyry (quartz monzonite) dykes. Pyrite, tennantite, chalcopyrite and molybdenite mineralization are spatially related to the intrusions.

The Mesozoic rocks are capped by flat lying, andesitic, feldspar porphyry flows of Tertiary age that may be coeval with the quartz-monzonite feldspar porphyry intrusions.

### 1992 DIAMOND DRILLING PROGRAM

The 1992 diamond drilling program on the Louise Lake property consisted of two phases totalling 2651.6 metres in thirteen holes. The collar locations and approximate surface projections of the holes relative to the 1970 I.P. grid are shown in Figure 3.

Phase I drilling utilized an Acker unitized drill rig to recover NQ sized core. The drill was skidded in to the property from Willow Lake along the Hankin Lake road four kilometres and then by winter road approximately 10 kilometres to the camp at the southwest end of Louise Lake. Drilling commenced with LL92-01 on March 01, 1992 and was completed with LL92-10 on March 15. All holes were completed to their planned depths.

Phase II drilling utilized a JKS 600 heliportable drill rig to recover BQ sized core. The drill was mobilized by helicopter from Hankin Lake, a distance of six kilometres. Drilling commenced with LL92-11 on June 22 and was completed with LL92-13 on June 29. Due to heavily broken ground and squeezing hole conditions, only LL92-11 was completed to its planned depth.

The contractor for both phases was J.T.Thomas Diamond Drilling of Smithers, B.C.

Water for drilling was pumped from a variety of streams and ponds that exist in the immediate area.

The holes were spotted relative to the 1970 I.P. grid, which was rehabilitated by Corona in 1988, using a compass and hip-chain. Hole direction and dip were set using a compass. Collar elevations were determined with a pocket altimeter. Collars were marked with a labelled post.

The core was transported to the camp at the southwest end of Louise Lake for logging, sampling and permanent storage. The holes were logged by the author or M.L. Aziz, a qualified geologist with relevant experience. Intervals to be assayed were split using a manual core splitter and sent to Min-En Laboratories in Vancouver for 31 element ICP analysis. Selected intervals were later analyzed for gold by one ton fire assay.

DIAMOND DRILLING RESULTS

The 1992 Equity drill programs partially tested two separate areas of the property.

Geologic drill logs, selected ICP geochemical results, and logging codes are included in Appendix I. Complete ICP results for all samples are presented as Appendix II. Significant drill intersections are presented in Table 2.

TABLE 2  
SUMMARY OF SIGNIFICANT INTERSECTIONS - 1992 DRILLING

HOLE #	FROM	TO	WIDTH	% CU	ppm AU	ppm MO	%ZN	ppm AG
LL92-06	201.2	265.2	64.0	.27	.28	118	NS	NS
* LL92-07	112.8	173.7	60.9	.36	.34	223	NS	NS
LL92-08	112.8	201.2	88.4	.27	.32	160	NS	NS
LL92-10 (incl)	67.1 97.5	112.8 100.6	45.7 3.1	NS 1.45	NS 1.92	NS NS	.52 1.14	NS 121

\* hole ended in mineralization

i) Main Zone

Twelve holes (LL92-01 to LL92-09 and LL92-11 to LL92-13) tested for extensions to the previously defined zone at the southwest end of Louise Lake. All holes except 92-02 and 92-03 encountered a strongly quartz-sericite-clay-pyrite altered sequence of aphanitic to conglomeratic sedimentary rocks of the Lower Cretaceous Kitsuns Creek Formation that have been intruded by quartz-sericite-clay-pyrite altered, Eocene feldspar porphyry dikes/sills and by minor post mineral latite and pebble dikes. Intrusive rocks may be more extensive than logged since they are indistinguishable from some of the highly altered sediments. Some of the intervals logged as sediments could be highly altered volcanic rocks and the conglomerate unit may be a milled vent? breccia. Due to these difficulties in rock identification, no geologic sections were produced.

Hole 92-02 intersected weakly altered green and maroon tuffs of the Upper Jurassic Netalzul Volcanic Formation on the south side of the Coal Creek Fault. Hole 92-03 encountered variably altered Kitsuns Creek sediments and moderately altered feldspar porphyry.

i) Main Zone (cont'd)

The altered sediments? and feldspar porphyry are variably mineralized with pyrite, tennantite, chalcopyrite, and molybdenite occurring as disseminations, and in microveins, veinlets and veins with quartz. Weak quartz stockworks were observed in 92-07 and 92-08.

i) Lake Zone

Hole LL92-10 discovered a new zone beneath the north shore of Louise Lake. From bedrock to 179.1 metres the hole intersected a sequence of ash and lapilli tuffs with minor interbedded volcanioclastic rocks that have been intruded by feldspar porphyry dikes. The volcanics and high level intrusives display weak quartz-sericite alteration and variable amounts of pyrite, sphalerite, chalcopyrite, galena, and arsenopyrite mineralization in the form of small veins, veinlets, microveins and patches. The altered interval contains less than 1% disseminated pyrite.

Below 179.1 metres the alteration and associated mineralization becomes significantly weaker to non-existent.

RECLAMATION

Due to the previous work on the property, existing access was used to most drill sites. Where additional roads were required, fallen trees were limbed and lopped into lengths. All roads and drill pads were re-vegetated with a mixture of 25% Creeping Red Fescue, 10% Brome, 8.5% Canada Bluegrass, 1.5% Meadow Foxtail, 10% Climax Timothy, 5% Red Top, 30% Alsike Clover, and 10% White Clover.

In addition, the old camp on the shore of Louise Lake was cleaned up and burned and the site was re-vegetated.

INTERPRETATION & RECOMMENDATION

The Louise Lake bulk tonnage, copper-gold-molybdenum deposit is interpreted as a "volcanic-type" porphyry. In deposits of this type, small, calc-alkalic sheets and dikes are emplaced into coeval volcanic piles along with the formation of vent agglomerates. The intrusives are commonly emplaced along regional fault zones. Orebodies tend to be lensoid and irregular with some preferential bedding control. Phyllitic and argillic alteration are present locally.

Based on all the drilling to date, the deposit is modelled as a series of lensoid bodies that strike slightly north of east and dip at approximately 20 degrees to the north. A cumulative thickness isopach map (Figure 4) defines the general shape. This zone contains an estimated resource of 50 million tonnes grading 0.3% copper and 0.3 grams per tonne gold with some payable molybdenum. The deposit remains open to the west.

As currently defined, the Louise Lake deposit is a sub-economic resource. However, considerable potential exists for expanded tonnage to the west, for the discovery of additional zones, and for the discovery of higher grade sub-zones within the known mineralization. Exploration for new zones should concentrate on drilling the core of large induced polarization anomalies. If more drilling is warranted, Acker-type drills recovering NQ II core are recommended to improve core recovery and to complete the holes to their planned depths.

Table 3.

#### 1992 EXPLORATION EXPENDITURES

<u>1. March Diamond Drilling</u>	LL92-01 to LL92-10 incl. (includes camp, road building) 2,167 metres @ \$88.93/m	192,711.31
<u>2. June Diamond Drilling</u>	LL92-11 to LL92-13 incl. (includes helicopter) 484.6 metres @ \$98.43/m	47,699.18
<u>3. Sample Preparation and Assay</u>	745 Samples for ICP @ \$9.75/Sample 151 Samples for Au @ \$8.50/Sample	7,263.75 2,567.00
<u>4. Geology &amp; Sampling</u>	D. Hanson - 42 Days @ \$270.00/Day M. Aziz - 23 Days @ \$225.00/Day T. Kraft - 14 Days @ \$175.00/Day	11,340.00 5,175.00 2,450.00
<u>5. Transportation</u>	4x4 3/4 Ton Pick-up Rental 42 Days @ \$50.00/Day	2,100.00
	helicopter	539.65
<u>6. Reclamation</u>	falling & limbing 16 hrs @ \$35.00/hr	560.00
	150 kg seed @ \$2.00/kg	300.00
	seedling 8 hrs @ \$15.00/hr	120.00
<u>7. Field and Office Supplies/Expenses</u>	Field Supplies Office Supplies/Expenses	500.00 1,000.00
<u>8. Compilation and Report Preparation</u>	D. Hanson - 10 Days @ \$270.00/Day	2,700.00
	<b>TOTAL</b>	<b>\$277,025.89</b>

AUTHOR'S QUALIFICATIONS

I, Daryl J. Hanson, do hereby certify that:

1. I am a geologist residing at R.R.#1, Quick East Road, Telkwa, British Columbia, V0J 2X0.
2. I am a 1971 graduate of the University of British Columbia, Vancouver, B.C. with a Bachelor of Applied Science degree in Geological Engineering.
3. I have practiced my profession in production, exploration and development since 1971 in the Yukon and northern British Columbia.
4. Since February 1988, I have been employed as an exploration geologist with Equity Silver Mines Ltd.
5. I am a Fellow of the Geological Association of Canada.
6. I personally supervised the work program as described in this report.

Respectfully submitted,  
Equity Silver Mines Limited



Daryl J. Hanson, B.A.Sc., F.G.A.C.  
Exploration Geologist

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APPENDICES

APPENDIX I

DIAMOND DRILL HOLE GEOLOGIC LOGS,  
SELECTED ASSAYS, AND LOGGING CODES

## DRILLHOLE LOGGING CODE

Column 1 is a key indicating the type of information on each line.

H - Header information  
R - Survey data  
L - Lithologic data  
S - Structural data  
A - Assay data  
C - Comments

### HEADER INFORMATION

DDHID ~ Drillhole number  
LOGGED BY ~ Logger's initials  
DATE ~ Year.Month Drilled  
GRID AZM. ~ orientation of grid (000 if True North)

### SURVEY DATA

FROM ~ start of interval in metres  
TO ~ end of interval in metres  
AZM ~ drillhole azimuth  
V-ANG ~ plunge of hole measured from horizontal  
NORTHING ~ north coordinate of collar  
EASTING ~ east coordinate of collar  
ELEVATION ~ collar elevation in metres above sea level

### LITHOLOGIC DATA

FROM ~ start of interval in metres  
TO ~ end of interval in metres  
LITH ~ lithology codes  
OVBN ~ overburden  
TFAS ~ ash tuff  
TFLP ~ lapilli tuff  
TFXT ~ crystal tuff  
TFDT ~ dust tuff  
TFBX ~ tuff breccia  
SDST ~ sandstone  
STST ~ siltstone  
CNGL ~ conglomerate  
VLST ~ volcanic siltstone  
VLSS ~ volcanic sandstone  
VLCG ~ volcanic conglomerate  
ARGL ~ argillite  
LATT ~ latite dike  
FLP\* ~ feldspar porphyry  
QFP\* ~ quartz feldspar porphyry  
MYLN ~ mylonite

## MINERAL ABBREVIATIONS

CB	- carbonate	GL	- galena
QZ	- quartz	CY	- clay
SL	- sphalerite	MS	- sericite
CL	- chlorite	HE	- hematite
PY	- pyrite	TN	- tennantite
AS	- arsenopyrite	CP	- chalcopyrite
BI	- biotite	SD	- siderite
HS	- specularite	ST	- stibnite
MO	- molybdenite		

## MISCELLANEOUS ABBREVIATIONS

tr	- trace	fg	- fine grained
min	- minor	mg	- medium grained
mod	- moderate	cg	- coarse grained
int	- intense	w/	- with
str	- strong	w/o	- without
cnt	- contact	w/i	- within
altn	- alteration	xtls	- crystals
occ	- occasional	text	- texture
frag	- fragment	dia	- diameter
volc	- volcanic	sed	- sedimentary
rx	- rock	pheno	- phenocryst
med	- medium	gy	- grey
recd	- recovered	plag	- plagioclase
frac	- fracture	loc	- locally
a/a	- as above	v	- very
c.a.	- core axis	subang	- subangular

## TEXTURAL ABBREVIATIONS

<vns	- microveins (<0.5 mm)
vnlts	- veinlets (0.5 to 5 mm)
vns	- veins (>5 mm)
diss	- disseminations
bxia	- breccia

## ASSAY DATA

SAMP#	- sample number
REC	- core recovery in metres
INT	- length of sample
ppm MO	- molybdenum
ppm CU	- copper
ppm AG	- silver
ppm AS	- arsenic
ppm SB	- antimony
ppb AU	- gold

DDH LL92-01 SURVEY LOG

H DDHID : LL92-01  
 H LOGGED BY : DJH  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	EL ELEVATION (m)
R	0.0	201.2		179.0 -60.0	10224.0	10000.0	978.1

DDH LL92-01 SUMMARY LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	COMMENTS
L	0.0	9.10	OVBN	:triconed - no core
L	9.10	83.10	FLP*	:25-30% kaolinite altered feldspar phenos to 3 mm long :in a fine grained,med grey matrix; 1-5% PY in <vns, :diss, and bxia matrix; occ PY and QZ/PY vnlts; zones :of post mineral shearing with bxia and gouge; minor :bright red hematite in <vns near lower contact
L	83.10	109.70	CNGL	:well rounded porphyritic clasts to 50 mm diameter in a :med grey, med grained sandy matrix; 3-5% PY in <vns, :vnlts, diss, patches, and occ vns; one clast of welded :tuff observed; grades locally to SDST
L	109.70	119.50	STST	:light grey/tan grading locally to fine grained SDST; :3-5% PY in <vns, vnlts, and diss; loc strong post :mineral bxia and gouge
L	119.50	139.00	CNGL	:a/a 83.10 - 109.70; grades locally to bedded SDST; 1- :3% PY in <vns, diss, vnlts, and occ patches
L	139.00	157.40	SDST	:med grey sandstone grading to STST locally; loc dirty :pale olive green colour; grades loc to CNGL a/a 83.1 - :109.7; 1-3% PY in vnlts, <vns, diss
L	157.40	167.60	CNGL	:a/a 119.5 - 139.0; grades loc to SDST and w pale grey :STST; rare dark grey, wavy (mylonite?) zones w/ :sulfide matrix (ie possible pre-mineral shear); 1-3% :PY in <vns, diss, vnlts, and occ patches; occ QZ/PY :vns
L	167.60	174.30	SDST	:a/a 139.0 - 157.4; trace bright red hematite in :patches and <vns; rare dark grey, sde bearing mylonite :occ post mineral bxia and gouge; 2-3 % PY in <vns and :vnlts
L	174.30	177.30	MYLN	:dark grey, wavy, irregular foliation w/ occ SDST frags :(to 25%) elongated subparallel to foliation; syn or :pre mineral shear; SDST from 175.5 to 176.5
L	177.30	201.20	CNGL	:a/a 157.4 - 167.6; 2-4% PY in <vns, vnlts, diss, and :patches; occ narrow zones of post mineral gouge and :breccia

## DDH LL92-01 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A	9.10	12.20	13713	1.8	3.1	35	521	0.1	157	9	
A	12.20	15.20	13714	3.0	3.0	11	345	0.3	103	7	
A	15.20	18.30	13715	3.0	3.1	11	115	0.1	52	4	
A	18.30	21.30	13716	2.9	3.0	7	154	0.1	68	5	
A	21.30	23.40	13717	2.9	3.0	30	203	0.4	66	6	
A	24.40	27.40	13718	2.9	3.0	36	223	0.1	59	8	
A	27.40	30.50	13719	3.0	3.1	16	173	0.1	69	6	
A	30.50	33.50	13720	3.0	3.0	28	290	0.1	172	5	
A	33.50	36.60	13721	3.1	3.1	46	267	0.2	132	6	
A	36.60	39.60	13722	2.9	3.0	23	317	0.1	168	7	
A	39.60	42.70	13723	3.0	3.1	24	368	0.1	219	8	
A	42.70	45.70	13724	2.8	3.0	28	385	0.1	217	7	
A	45.70	48.80	13725	3.0	3.1	17	209	0.1	154	5	
A	48.80	51.80	13726	3.0	3.0	36	234	0.1	172	5	
A	51.80	54.90	13727	3.0	3.1	47	217	0.1	145	6	
A	54.90	57.90	13728	3.0	3.0	30	310	0.3	145	7	
A	57.90	61.00	13729	3.0	3.1	15	381	0.1	177	7	
A	61.00	64.00	13730	3.0	3.0	34	326	0.6	160	6	
A	64.00	67.10	13731	3.0	3.1	15	499	0.1	182	5	
A	67.10	70.10	13732	3.0	3.0	7	311	0.1	136	4	
A	70.10	73.10	13733	3.0	3.0	44	521	0.5	206	6	
A	73.10	76.20	13734	3.0	3.1	41	505	0.6	206	6	
A	76.20	79.20	13735	2.8	3.0	55	291	0.1	125	5	
A	79.20	82.30	13736	3.0	3.1	40	368	0.3	184	7	
A	82.30	85.30	13737	3.0	3.0	16	137	0.3	71	7	
A	85.30	88.40	13738	3.0	3.1	11	15	0.3	60	5	
A	88.40	91.40	13739	2.9	3.0	24	39	0.1	63	5	
A	91.40	94.50	13740	3.0	3.1	9	26	0.1	56	4	
A	94.50	97.50	13741	2.9	3.0	1	140	0.1	139	6	
A	97.50	100.60	13742	3.0	3.1	14	43	0.1	57	4	
A	100.60	103.60	13743	3.0	3.0	3	51	0.4	79	6	
A	103.60	106.70	13744	3.0	3.1	13	74	0.4	58	5	
A	106.70	109.70	13745	2.9	3.0	7	338	0.5	103	8	
A	109.70	112.80	13746	2.9	3.1	5	98	0.4	53	6	
A	112.80	115.80	13747	2.6	3.0	4	96	0.2	53	6	
A	115.80	118.90	13748	2.9	3.1	13	101	0.1	59	5	
A	118.90	121.90	13749	2.9	3.0	8	143	0.3	81	5	
A	121.90	125.00	13750	3.0	3.1	3	76	0.2	47	5	
A	125.00	128.00	13751	3.0	3.0	2	54	0.3	51	5	
A	128.00	131.10	13752	3.1	3.1	3	58	0.1	55	4	
A	131.10	134.10	13753	3.0	3.0	8	197	0.1	87	8	
A	134.10	137.20	13754	2.9	3.1	7	105	0.1	71	7	
A	137.20	140.20	13755	2.9	3.0	1	129	0.1	71	7	
A	140.20	143.20	13756	2.9	3.0	4	209	0.1	61	4	
A	143.20	146.30	13757	2.9	3.1	4	270	0.1	76	8	
A	146.30	149.30	13758	2.6	3.0	6	163	0.1	53	4	
A	149.30	152.40	13759	3.0	3.1	3	169	0.1	66	3	
A	152.40	155.40	13760	2.9	3.0	5	198	0.1	126	4	
A	155.40	158.50	13761	3.0	3.1	6	386	0.1	125	6	

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 158.50	161.50	13762	3.0	3.0	8	172	0.1	56	3	
A 161.50	164.60	13763	3.0	3.1	9	148	0.1	68	2	
A 164.60	167.60	13764	3.0	3.0	4	60	0.1	47	3	
A 167.60	170.70	13765	2.9	3.1	4	145	0.1	64	3	
A 170.70	173.70	13766	2.9	3.0	13	102	0.1	58	2	
A 173.70	174.30	13767	0.6	0.6	3	26	0.1	45	2	
A 174.30	175.50	13768	1.2	1.2	10	110	0.1	86	4	
A 175.50	176.50	13769	1.0	1.0	5	110	0.1	53	2	
A 176.50	177.30	13770	0.8	0.8	1	28	0.1	42	1	
A 177.30	179.80	13771	2.5	2.5	3	40	0.1	34	1	
A 179.80	182.90	13772	3.0	3.1	4	29	0.1	27	2	
A 182.90	185.90	13773	3.0	3.0	3	19	0.1	20	1	
A 185.90	189.00	13774	3.0	3.1	5	147	0.1	60	5	
A 189.00	192.00	13775	3.0	3.0	3	49	0.1	27	2	
A 192.00	195.10	13776	2.9	3.1	11	21	0.1	28	3	
A 195.10	198.10	13777	3.0	3.0	4	73	0.1	36	2	
A 198.10	201.20	13778	3.0	3.1	4	78	0.1	35	3	

**DDH LL92-02 SURVEY LOG**

H DDHID : LL92-02  
 H LOGGED BY : MLA  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

<b>FROM</b> (m)	<b>TO</b> (m)	<b>AZM.</b>	<b>V-ANG</b>	<b>NORTHING</b> (m)	<b>EASTING</b> (m)	<b>ELEVATION</b> (m)
R 0.0	57.9	359.0	-60.0	9594.0	9757.0	951.2

**DDH LL92-02 SUMMARY LITHOLOGIC LOG**

<b>FROM</b> (m)	<b>TO</b> (m)	<b>LITH</b>	<b>COMMENTS</b>
L 0.0	12.20	OVBN	:triconed - no core
L 12.20	14.70	TFAS	:bxiated, red-brown, hematitic ash tuff w/ minor QZ and :CB <vns; typical Telkwa formation volcanics
L 14.70	25.20	TFAS	:med green-grey, CL altered, w/ loc CB in <vns; :variably sheared w/ loc strong bxia and gouge; trace :fine <del>fine</del> grained PY loc;
L 25.20	29.40	VLCG	:subang to subrounded, heterolithic volcanic clasts to :30 mm dia; tr fine grained PY; upper contact sharp at :55 degrees to c.a.
L 29.40	57.90	TFAS	:med grey-red to greyish green loc; variably QZ-MS :altered; minor CB in <vns; variably sheared with bxia :and CY gouge; ie variably sheared and altered Telkwa :formation pyroclastic rocks :E.O.H.

DDH LL92-03 SURVEY LOG

H DDHID : LL92-03  
 H LOGGED BY : DJH  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

	FROM (m)	TO (m)	AZM. V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	204.2	360.0 -60.0	9704.0	9757.0	962.5

DDH LL92-03 SUMMARY LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	COMMENTS
L	0.0	6.10	OVBN	:triconed - no core
L	6.10	24.60	STST	:pale grey, fine grained siltstone grading loc to sandstone; pervasive QZ-MS alteration; 1-5% PY in <vns, vnlts, diss; occ vns w/ QZ+PY and host rx frags; andesite dyke w/ BI? phenos @ 21.5-21.7 metres
L	24.60	72.70	FLP*	:15% kaolinite altered, subhedral to anhedral, feldspar phenos in a very fine grained matrix; 4-5% PY in <vns, patches, blebs, and diss; matrix is variably QZ+MS altered; loc post mineral shears w/ bxia and gouge; pebble dykes w/ polymictic angular to subrounded frags to 40 mm dia w/ 50% dark grey, QZ+PY matrix (frags of STST and FLP*) @ 44.1-44.5, 47.5-47.6, 55.2-55.9; tr CP+HS in vnlts; occ PY+QZ+/-CB vnlts
L	72.70	82.70	STST	:light grey/tan grading locally to fine grained SDST and CNGL; 2-3% PY in <vns, blebs, and diss.; strong QZ+MS altn thru; probably altered ARGL
L	82.70	152.50	SDST	:med grey, well sorted sand with 25% interbedded ARGL (black colored, argillaceous siltstone); SDST grades loc to CNGL; rare pebble dykes to 40 mm wide; tr-1% diss PY (to 10% loc)
L	152.50	204.20	FLP*	:30% subhedral to anhedral feldspar phenos to 4mm long in a very fine grained matrix; feldspars are altered to kaolinite; tr-1% diss PY; some altered feldspars contain bright red hematite; andesite dyke 183.4 - 185.0; pebble dykes 158.7-158.9, 190.6-191.8, 193.6-195.0 w/ ARGL frags and 20% fine grained dark grey matrix; loc CL altered augite? phenos.
L				:E.O.H.

## DDH LL92-03 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC.	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 0.00	6.10	NO SAMPLE								
A 6.10	9.10	13321		3.0	1	68	0.1	37	5	150
A 9.10	12.20	13322		3.1	1	49	0.1	23	6	60
A 12.20	15.20	13323		3.0	1	14	0.1	31	4	60
A 15.20	18.30	13324		3.1	3	6	0.6	17	6	50
A 18.30	21.30	13325		3.0	2	8	0.1	15	4	20
A 21.30	24.40	13326		3.1	2	27	0.7	17	5	30
A 24.40	27.40	13327		3.0	3	10	0.1	31	3	110
A 27.40	30.50	13328		3.1	1	34	0.1	47	5	170
A 30.50	33.50	13329		3.0	1	13	0.2	56	3	120
A 33.50	36.60	13330		3.1	1	8	0.1	44	1	70
A 36.60	39.60	13331		3.0	1	30	0.7	43	3	50
A 39.60	42.70	13332		3.1	1	53	0.7	42	3	50
A 42.70	45.70	13333		3.0	1	94	0.5	59	4	50
A 45.70	48.80	13334		3.1	1	32	0.5	46	3	30
A 48.80	51.80	13335		3.0	1	96	0.5	49	4	30
A 51.80	54.90	13336		3.1	1	24	0.2	32	4	40
A 54.90	57.90	13337		3.0	1	51	0.6	36	3	70
A 57.90	61.00	13338		3.1	2	114	0.4	36	4	40
A 61.00	64.00	13339		3.0	1	178	0.4	59	7	40
A 64.00	67.10	13340		3.1	2	176	0.3	61	8	60
A 67.10	70.10	13341		3.0	3	20	0.2	38	3	50
A 70.10	73.10	13342		3.0	1	10	0.1	21	3	400
A 73.10	76.20	13343		3.1	3	19	0.5	33	5	120
A 76.20	79.20	13344		3.0	1	53	0.1	58	5	90
A 79.20	82.30	13345		3.1	1	227	0.1	97	3	40
A 82.30	85.30	13346		3.0	3	38	0.1	34	1	40
A 85.30	88.40	13347		3.1	1	48	0.1	48	1	20
A 88.40	204.20	N/S								

DDH LL92-04 SURVEY LOG

H DDHID : LL92-04  
 H LOGGED BY : MLA  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	204.2		160.0 -60.0	10317.0	9987.0	982.3

DDH LL92-04 SUMMARY LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	COMMENTS
L	0.0	13.70	OVBN	:triconed - no core
L	13.70	47.80	SDST	:med-coarse grained, variably QZ+MS altered, sandstone :w/ 1-3% PY in <vns, vnlts, diss, and occ vns; variably :sheared w/ clay gouge and bxia
L	47.80	59.30	CNGL	:35-45% subrounded to rounded clasts from 10-45 mm dia :in a sandy matrix; clast boundaries are diffuse; 1-3% :PY in <vns, vnlts, diss; mod QZ+MS altered
L	59.30	64.00	STST	:light grey, mod- strong QZ+MS altered, w/ occ PY <vns :vnlts, and diss; minor bxia w/ PY matrix;
L	64.00	74.90	SDST	:fine to med grained sandstone w/ occ pebbles; 1-5% PY :in <vns, vnlts, diss; minor bxia w/ PY+CY matrix;
L	74.90	89.90	CNGL	:25-30% heterolithic clasts (mainly FLP*) w/ diffuse :boundaries in a sandy matrix; mod QZ+MS altered; :clasts from 10-50 mm dia; 1-3% diss PY; occ PY <vns & :vnlts
L	89.90	101.20	SDST	:a/a 64.0-74.9; occ pebbles of FLP* & ARGL; tr blue- :grey metallic mineral in PY vn
L	101.20	127.10	CNGL	:a/a 74.90- 89.90; shear zone from 112.8-125.3 incl. :two mylonite zones 122.2-124.0 and 124.8-125.3; shear :is apparently premineral (cross-cut by PY vnlts and :PY in mylonite matrix);
L	127.10	144.70	SDST	:a/a 64.0-74.9; occ pebbles of FLP*; minor PY in <vns, :vnlts, diss (1-2%); occ PY vns; tr grey sulfide in :<vns
L	144.70	161.00	CNGL	:a/a 74.90-89.90; mod fracs to weak bxia loc w/ PY :matrix; CY gouge at end of interval; 2-3% diss PY; occ :PY vnlts, vns; mod-strong QZ+MS altn
L	161.00	174.60	SDST	:a/a 64.0-74.9; occ PY vns; occ PY <vns and vnlts; 1-2% :diss PY
L	174.60	177.70	FLP*	:typical feldspar porphyry w/o kaolinite altn; 2-4% PY :diss; occ PY <vns and vnlts; <1% dark grey sulfide
L	177.70	191.60	CNGL	:a/a 74.90-89.90 w/ several PY+/- QZ vnlts; occ PY <vns :vns, and vnlts; tr grey sulfide in QZ+PY vn; mod-str :QZ+MS altn;

FROM (m)	TO (m)	LITH	COMMENTS
L 191.60	204.20	FLP*	:typical feldspar porphyry w/o kaolinite altn; mod - :strong QZ+MS altn; occ QZ vnlts; 3-5% diss PY; occ PY :vnlts and <vns; CY along fracs :E.O.H.

## DDH LL92-04 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC.	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 13.70	15.20	13837	1.0	1.5	1	70	0.1	33	1	
A 15.20	18.30	13838	2.9	3.1	2	214	0.1	92	2	
A 18.30	21.30	13839	2.7	3.0	3	376	1.7	159	6	
A 21.30	24.40	13840	2.7	3.0	1	166	0.1	101	3	
A 24.40	27.40	13881	2.8	3.0	1	195	0.1	115	1	
A 27.40	30.50	13882	2.7	3.1	2	172	0.1	60	1	
A 30.50	33.50	13883	2.9	3.0	1	372	0.1	109	2	
A 33.50	36.60	13884	2.9	3.1	3	199	0.1	89	1	
A 36.60	39.60	13885	2.4	3.0	4	169	0.1	86	1	
A 39.60	42.70	13886	2.8	3.1	5	102	0.1	42	3	
A 42.70	45.70	13887	2.7	3.0	8	68	0.2	35	4	
A 45.70	48.80	13888	2.8	3.1	6	18	0.1	26	1	
A 48.80	51.80	13889	2.9	3.0	4	28	0.1	21	1	
A 51.80	54.90	13890	2.9	3.1	11	29	0.1	27	1	
A 54.90	57.90	13891	2.9	3.0	7	26	0.1	48	1	
A 57.90	61.00	13892	2.9	3.1	5	9	0.1	32	1	
A 61.00	64.00	13893	2.7	3.0	10	15	0.1	42	1	
A 64.00	67.10	13894	2.8	3.1	11	14	0.1	19	1	
A 67.10	70.10	13895	2.8	3.0	7	15	0.1	45	1	
A 70.10	73.10	13896	2.8	3.0	7	17	0.1	42	1	
A 73.10	76.20	13897	2.9	3.1	3	12	0.1	16	1	
A 76.20	79.20	13898	2.9	3.0	6	10	0.3	22	1	
A 79.20	82.30	13899	2.8	3.1	6	23	0.1	30	1	
A 82.30	85.30	13900	2.7	3.0	2	47	0.1	27	1	
A 85.30	88.40	13901	2.7	3.1	23	15	0.1	17	1	
A 88.40	91.40	13902	2.9	3.0	17	23	0.1	20	1	
A 91.40	94.50	13903	2.6	3.1	7	66	0.1	62	1	
A 94.50	97.50	13904	2.8	3.0	13	33	0.1	324	1	
A 97.50	100.60	13905	2.9	3.1	15	128	0.1	56	2	
A 100.60	103.60	13906	2.8	3.0	1	21	0.1	27	1	
A 103.60	106.70	13907	3.0	3.1	14	66	0.1	75	1	
A 106.70	109.70	13908	3.0	3.0	44	124	0.1	68	1	
A 109.70	112.80	13909	2.9	3.1	16	136	0.1	79	1	
A 112.80	115.80	13910	2.7	3.0	19	129	0.1	82	1	
A 115.80	118.90	13911	1.7	3.1	18	121	0.1	66	4	
A 118.90	122.20	13912	2.7	3.3	4	183	0.1	122	5	
A 122.20	124.00	13913	1.8	1.8	12	167	0.1	113	6	
A 124.00	124.80	13914	0.8	0.8	2	38	0.1	20	1	
A 124.80	125.30	13915	0.5	0.5	7	42	0.1	42	1	
A 125.30	128.00	13916	2.6	2.7	17	53	0.1	77	3	
A 128.00	131.10	13917	3.0	3.1	4	11	0.1	24	1	
A 131.10	134.10	13918	2.8	3.0	5	38	0.1	41	1	
A 134.10	137.20	13919	3.1	3.1	13	70	0.1	43	2	
A 137.20	140.20	13920	3.0	3.0	8	19	0.1	39	1	
A 140.20	143.20	13921	3.0	3.0	13	20	0.1	34	1	
A 143.20	146.30	13922	3.1	3.1	8	54	0.1	32	1	
A 146.30	149.30	13923	2.9	3.0	6	109	0.1	52	1	
A 149.30	152.40	13924	2.7	3.1	2	74	0.1	53	3	
A 152.40	155.40	13925	2.7	3.0	4	48	0.1	107	1	
A 155.40	158.50	13926	2.8	3.1	12	23	0.1	31	1	

## DDH LL92-04 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 158.50	161.50	13927	2.7	3.0	5	37	0.1	36	1	
A 161.50	164.60	13928	2.8	3.1	7	77	0.1	33	1	
A 164.60	167.60	13929	2.9	3.0	12	25	0.1	25	1	
A 167.60	170.70	13930	2.7	3.1	51	92	0.1	39	1	
A 170.70	173.70	13931	2.8	3.0	20	247	0.1	79	3	
A 173.70	176.80	13932	2.8	3.1	14	41	0.1	26	1	
A 176.80	179.80	13933	2.9	3.0	35	53	0.1	41	1	
A 179.80	182.90	13934	2.8	3.1	154	61	0.1	38	1	
A 182.90	185.90	13935	2.8	3.0	10	29	0.1	33	1	
A 185.90	189.00	13936	2.7	3.1	35	77	0.1	61	2	
A 189.00	192.00	13937	2.7	3.0	23	74	0.1	56	1	
A 192.00	195.10	13938	2.8	3.1	21	131	0.2	62	5	
A 195.10	198.10	13939	2.8	3.0	26	35	0.1	97	1	
A 198.10	201.20	13940	2.9	3.1	27	20	0.5	49	2	
A 201.20	204.20	13941	2.8	3.0	68	469	0.1	180	19	

**DDH LL92-05 SURVEY LOG**

H DDHID : LL92-05  
 H LOGGED BY : DJH  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

<b>FROM</b> (m)	<b>TO</b> (m)	<b>AZM.</b>	<b>V-ANG</b>	<b>NORTHING</b> (m)	<b>EASTING</b> (m)	<b>ELEVATION</b> (m)
R 0.0	310.9	179.0	-62.0	10458.0	9758.0	1003.0

**DDH LL92-05 SUMMARY LITHOLOGIC LOG**

<b>FROM</b> (m)	<b>TO</b> (m)	<b>LITH</b>	<b>COMMENTS</b>
L 0.0	7.60	OVBN	:triconed - no core
L 7.60	21.30	FLP*	:10% CY altered plag? phenos; minor PY in <vns & diss :occ post mineral bxia zones with CY matrix; pale :mauve, very fine grained, QZ porphyry (dacite?); ie :border phase of FLP* 18.1 - 21.3 m
L 21.30	33.30	CNGL	:well rounded coarse pebble conglomerate w/ hetero- :lithic porphyritic clasts to 50 mm diameter in a :med grey, med grained sandy matrix; grades loc to :SDST; 1-2% PY diss in clasts and in <vns :zones of shear bxia w/ CY matrix
L 33.30	73.50	STST	:light grey/tan grading locally to fine grained SDST; :3-5% PY in <vns, vnlts, and diss; loc strong post :mineral bxia and gouge; up to 25% PY in dark grey :bands parallel to bedding in sandy layers ( ie PY in :more permeable layers
L 73.50	105.70	FLP*	:15% CY altered feldspar phenos to 1 mm; 5-10% PY in :blebs and <vns; occ QZ+PY vns and vnlts; loc trace of :bright red HE in <vns and diss; upper contact is :sheared; lower contact is sharp (ie intrusive)
L 105.70	123.00	STST	:a/a 33.3 - 73.5; 10-20% interbedded SDST; 3-5% diss :PY; 4% PY in blebs, <vns, vnlts and in loc bxia :matrix; strong shearing 109.7 - 112.8 (fault?); CNGL :120.8 - 122.4
L 123.00	142.70	CNGL	:a/a 21.30 - 33.30; 70% subrounded to rounded clasts :of quartz and lesser porphyry and minor intermediate :intrusive to 64 mm dia; 2-4% PY in <vns, vnlts, and :diss; loc narrow zones of post mineral shearing w/ :bxia and CY gouge
L 142.70	151.40	STST	:a/a 105.7 - 123.0 w/ 20% interbedded SDST; 2-4% PY in :<vns, vnlts, and diss :occ post mineral bxia and gouge; 2-3 % PY in <vns and :vnlts
L 151.40	181.50	CNGL	:heterolithic conglomerate w/ clasts of porphyry, micro :granular QZ, and seds in a sandy matrix; 10 % SDST

FROM (m)	TO (m)	LITH	COMMENTS
			:interbedded; 2-3% PY in <vns, vnlts, and diss; mnr :post mineral bxia w/ CY matrix; tr TN locally in :patches w/ PY
L 181.50	186.70	STST	:a/a 105.7 - 123.0; 10% diss PY in SDST interbeds; tr :diss TN; mnr bxia w/ CY matrix
L 186.70	191.30	FLP*	:a/a 73.50 - 105.70; w/ local CL alt'n
L 191.30	217.60	CNGL	:a/a 151.40 - 181.50; w/ interbedded STST 196.4 - 201.6 :10 % post mineral bxia w/ CY matrix
L 217.60	225.80	SDST	:med gy, weakly QZ+MS altered sandstone w/ up to 30% :interbedded STST; 2-4 % PY in <vns, vnlts, and diss
L 225.80	235.70	FLP*	:5-10% feldspar phenos to 1mm; 2-3% PY in <vns, vnlts, :and diss; sheared upper cnt; lower cnt not observed :due to lost core
L 235.70	299.50	SDST	:w/ 10% interbedded STST and mnr CNGL; strong fracs to :weak bxia text; 5-7% PY in <vns, vnlts and diss; :- tr red hematite altn at 235.7 - 237.7 :- occ black, thin mylonite 264.4 - 268.2 :- 297.9 - 299.5 black mylonite? bands :- occ QZ+PY vns 283.5 - 292.6 :- shear zone 292.6 - 294.9 :strong QZ+MS? altn
L 299.50	308.60	CNGL	:a/a 151.4- 181.5; w/ 20% SDST interbedded; 1-3 % PY in :<vns and diss in matrix
L 308.60	310.30	STST	:strong QZ+MS altn; 10 % interbedded SDST; 1-3% PY in :<vns and diss
L 310.30	310.90	FLP*	:15% anhedral feldspar phenos; 0.1m inclusion of STST :3% PY in <vnns and diss :E.O.H. @ 310.9m

**DDH LL92-05 ASSAY LOG**

<b>FROM</b> <b>(m)</b>	<b>TO</b> <b>(m)</b>	<b>SAMP#</b>	<b>REC.</b> <b>(m)</b>	<b>INT.</b> <b>(m)</b>	<b>MO</b>	<b>CU</b> <b>ppm</b>	<b>AG</b> <b>ppm</b>	<b>AS</b> <b>ppm</b>	<b>SB</b> <b>ppm</b>	<b>AU</b> <b>ppb</b>
A 7.60	12.20	13447	3.4	4.6	2	40	0.8	19	4	10
A 12.20	15.20	13448	2.9	3.0	3	39	0.8	23	6	10
A 15.20	18.30	13449	2.9	3.1	1	39	0.5	20	6	
A 18.30	21.30	13450	0.8	3.0	2	17	0.1	26	2	
A 21.30	24.40	13451	2.9	3.1	1	57	0.1	25	5	
A 24.40	27.40	13452	3.0	3.0	1	44	0.1	17	2	
A 27.40	30.50	13453	2.8	3.1	1	48	0.1	11	2	
A 30.50	33.50	13454	2.8	3.0	3	57	0.1	15	2	
A 33.50	36.50	13455	1.7	3.0	1	48	0.1	16	5	
C BOXES LABELS ARE OUT BY 3.0m FROM HERE TO END OF HOLE: FOOTAGE MARKERS HAVE BEEN CHANGED										
A 36.50	39.60	13456	2.7	3.1	1	15	0.1	7	3	
A 39.60	42.60	13457	2.9	3.0	1	29	0.1	7	6	
A 42.60	45.70	13458	2.7	3.1	1	27	0.1	6	3	
A 45.70	48.70	13459	2.9	3.0	1	122	0.1	20	9	
A 48.70	51.80	13460	3.0	3.1	1	26	0.1	12	3	
A 51.80	54.90	13461	2.9	3.1	1	19	0.1	1	4	
A 54.90	57.90	13462	2.9	3.0	1	36	0.1	7	2	
A 57.90	59.70	13463	2.8	3.1	3	69	0.1	11	2	
A 59.70	61.00	13483		1.3	1	56	0.1	1	1	
A 61.00	64.00	13464	2.9	3.0	1	52	0.1	9	2	
A 64.00	65.10	13465	2.9	1.1	1	32	0.1	7	2	
A 65.10	67.10	13463		2.0	3	69	0.1	11	2	
A 67.10	70.10	13466	1.3	3.0	1	30	0.1	8	1	
A 70.10	73.10	13467	1.3	3.0	2	40	0.1	9	2	
A 73.10	76.20	13468	2.9	3.1	1	66	0.1	14	1	
A 76.20	79.20	13469	2.9	3.0	1	93	0.1	8	1	
A 79.20	82.30	13470	2.9	3.1	2	62	0.1	14	1	
A 82.30	85.30	13471	3.0	3.0	1	151	0.1	21	5	
A 85.30	88.40	13472	3.0	3.1	4	77	0.1	22	1	
A 88.40	91.40	13473	3.0	3.0	1	95	0.1	17	1	
A 91.40	94.50	13474	3.0	3.1	1	104	0.1	26	3	
A 94.50	97.50	13475	3.0	3.0	2	105	0.1	23	4	
A 97.50	100.60	13476	2.8	3.1	1	27	0.1	2	1	
A 100.60	103.60	13477	2.9	3.0	2	61	0.1	10	3	
A 103.60	106.70	13478	2.9	3.1	2	95	0.1	29	10	
A 106.70	109.70	13479	2.9	3.0	1	88	0.1	24	7	
A 109.70	112.80	13480	2.7	3.1	1	74	0.1	31	3	
A 112.80	115.80	13481	2.6	3.0	2	54	0.1	20	3	
A 115.80	118.90	13482	2.7	3.1	1	517	0.1	125	20	
A 118.90	121.90	13484	3.0	3.0	1	297	0.1	55	9	
A 121.90	125.00	13485	3.1	3.1	3	284	0.1	97	11	
A 125.00	128.00	13486	3.0	3.0	1	41	0.1	13	2	
A 128.00	131.10	13487	3.0	3.1	1	30	0.1	9	1	
A 131.10	134.10	13488	3.0	3.0	1	80	0.1	21	2	
A 134.10	137.20	13489	3.1	3.1	1	97	0.1	26	4	
A 137.20	140.20	13490	2.9	3.0	1	44	0.1	19	2	
A 140.20	143.20	13491	2.8	3.0	1	25	0.1	12	3	
A 143.20	146.30	13492	3.0	3.1	1	45	0.1	23	2	

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 146.30	149.30	13493	2.9	3.0	1	88	0.1	40	2	
A 149.30	152.40	13494	3.0	3.1	1	60	0.1	20	4	
A 152.40	155.40	13495	2.9	3.0	2	43	0.1	17	1	
A 155.40	158.50	13496	3.0	3.1	1	711	0.4	221	32	
A 158.50	161.50	13497	3.0	3.0	1	142	0.1	48	5	
A 161.50	164.60	13498	3.1	3.1	1	88	0.1	29	2	
A 164.60	167.60	13499	2.9	3.0	2	137	0.1	38	3	
A 167.60	170.70	13500	2.9	3.1	1	38	0.1	6	1	
A 170.70	173.70	13501	2.9	3.0	3	80	0.1	18	2	
A 173.70	176.80	13502	3.0	3.1	1	76	0.1	25	3	
A 176.80	179.80	13503	2.9	3.0	2	122	0.1	39	6	
A 179.80	182.90	13504	2.7	3.1	1	106	0.3	34	6	
A 182.90	185.90	13505	2.9	3.0	2	156	0.1	22	6	
A 185.90	189.00	13506	2.9	3.1	1	111	0.1	7	6	
A 189.00	192.00	13507	2.8	3.0	1	119	0.1	53	9	
A 192.00	195.10	13508	3.0	3.1	1	187	0.1	73	9	
A 195.10	198.10	13509	2.9	3.0	1	86	0.1	51	5	
A 198.10	201.20	13510	3.0	3.1	2	102	0.1	23	4	
A 201.20	204.20	13511	3.0	3.0	2	94	0.1	41	3	
A 204.20	207.30	13512	3.0	3.1	4	148	0.1	32	5	
A 207.30	210.30	13513	2.8	3.0	1	119	0.1	23	8	
A 210.30	213.30	13514	3.0	3.0	3	152	0.1	35	10	
A 213.30	216.40	13515	2.7	3.1	3	109	0.1	58	10	
A 216.40	219.40	13516	2.7	3.0	2	85	0.1	24	8	
A 219.40	222.50	13517	2.9	3.1	1	38	0.1	11	5	
A 222.50	225.50	13518	2.7	3.0	1	66	0.1	75	5	
A 225.50	228.60	13519	2.8	3.1	3	151	0.1	159	12	
A 228.60	231.60	13520	2.9	3.0	3	208	0.1	77	20	
A 231.60	234.70	13521	3.0	3.1	3	276	0.1	85	16	
A 234.70	237.70	13522	2.9	3.0	2	217	0.1	66	27	
A 237.70	240.80	13523	2.9	3.1	5	154	0.1	129	16	
A 240.80	243.80	13524	2.9	3.0	11	82	0.1	55	12	
A 243.80	246.90	13525	2.8	3.1	2	76	0.1	23	12	
A 246.90	249.90	13526	3.0	3.0	2	139	0.1	43	22	
A 249.90	253.00	13527	2.9	3.1	5	193	0.1	73	17	
A 253.00	256.00	13528	2.9	3.0	64	431	0.1	149	42	
A 256.00	259.10	13529	2.9	3.1	42	404	0.1	189	44	
A 259.10	262.10	13530	2.9	3.0	58	861	0.1	289	82	
A 262.10	265.20	13531	2.9	3.1	44	536	0.1	190	50	
A 265.20	268.20	13532	2.9	3.0	39	666	0.1	251	57	
A 268.20	271.30	13533	3.0	3.1	16	808	0.1	321	68	
A 271.30	274.30	13534	2.9	3.0	15	869	0.1	317	51	
A 274.30	277.40	13535	3.0	3.1	34	1039	0.1	355	81	120
A 277.40	280.40	13536	3.0	3.0	20	1163	0.1	436	56	140
A 280.40	283.50	13537	3.1	3.1	26	1219	0.1	482	40	160
A 283.50	286.50	13538	3.0	3.0	45	1218	0.1	475	63	170
A 286.50	289.50	13539	3.0	3.0	35	1279	0.1	494	76	140
A 289.50	292.60	13540	3.0	3.1	134	1394	0.1	570	24	160
A 292.60	295.60	13541	2.9	3.0	88	1954	0.1	678	146	160
A 295.60	298.70	13542	2.9	3.1	67	1207	0.1	491	19	150
A 298.70	301.70	13543	2.9	3.0	5	285	0.1	113	19	
A 301.70	304.80	13544	2.8	3.1	5	45	0.1	35	5	

<b>FROM</b> (m)	<b>TO</b> (m)	<b>SAMP#</b>	<b>REC.</b> (m)	<b>INT.</b> (m)	<b>MO</b> ppm	<b>CU</b> ppm	<b>AG</b> ppm	<b>AS</b> ppm	<b>SB</b> ppm	<b>AU</b> ppb
A 304.80	307.80	13545	2.9	3.0	2	187	0.1	71	3	
A 307.80	310.90	13546	3.0	3.1	6	116	0.1	68	4	
C E.O.H. @ 310.90m										

**DDH LL92-06 SURVEY LOG**

H DDHID : LL92-06  
 H LOGGED BY : DJH  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

<b>FROM</b> (m)	<b>TO</b> (m)	<b>AZM.</b>	<b>V-ANG</b>	<b>NORTHING</b> (m)	<b>EASTING</b> (m)	<b>ELEVATION</b> (m)
R 0.0	304.8	179.0	-60.0	10340.0	9747.0	986.6

**DDH LL92-06 SUMMARY LITHOLOGIC LOG**

<b>FROM</b> (m)	<b>TO</b> (m)	<b>LITH</b>	<b>COMMENTS</b>
L 0.0	6.10	OVBN	:triconed - no core
L 6.10	32.70	STST	:pale gy, strongly QZ+MS altered; 5% SDST interbedded :mngr CNGL; 3-5% PY in <vns, diss and patches; to 20% :diss PY in sandy beds; weakly fractured; occ PY vnlts
L 32.70	114.80	FLP*	:pale greenish grey feldspar porphyry w/ weak sauss. :altn of feldspars loc; occ PY+QZ vnlts and vns; 1-2% :PY in <vns and diss thru; tr red hematite in <vns and :blebs loc.; non-porphyritic towards end of interval :ie chilled margin?
L 114.80	118.40	STST	:pale grey, QZ+MS pervasively altd w/ 15% interbedded :SDST; PY in <vns, vnlts, and diss;
L 118.40	123.30	FLP*	:med greenish gy w/ plaq altd to sauss; PY in <vns, :vnlts and diss; lower cnt is sheared
L 123.30	137.20	SDST	:pervasive QZ+MS altn; strongly fractured; w/ inter- :bedded and interlaminated STST; occ PY+QZ vns; 3-4% :PY in <vns, vnlts, diss; grades to CNGL at lower cnt
L 137.20	153.90	CNGL	:indistinct clastic text due to intensity of altn; :most clasts are fine grained volc or sed and feldspar :porphyry with rare dark grey sed clasts; PY in <vns, :vnlts, diss; gradational lower cnt
L 153.90	167.60	SDST	:a/a 123.3 - 137.2; w/ weak bedding; occ PY+QZ vns; PY :in <vns, vnlts, and diss; rare MO in <vns; grades to :CNGL at end of interval
L 167.60	213.30	FLP*	:5% anhedral plaq phenos to 3 mm dia in a fine grained :QZ-MS altered matrix; phenos are altered to MS or :saussurite; 2-3% PY in <vns, vnlts, and diss; occ :PY+QZ vns; rare pebble dikes
L 213.30	304.80	SDST?	:med grained strongly QZ+MS altered sandstone or volc. :occ QZ+PY vns; bright red hematite in <vns, diss, :vnlts; post mineral shearing w/ CY matrix thru; PY in :<vns, vnlts, diss; narrow mylonite zones 262.1-265.2 :E.O.H. 304.80 m

## DDH LL92-06 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
C	0.00	6.10	NO SAMPLE							
A	6.10	9.10	13348	1.7	3.0	1	154	0.1	63	22
A	9.10	12.20	13349	2.8	3.1	1	45	0.1	21	2
A	12.20	15.20	13350	2.9	3.0	1	22	0.1	19	1
A	15.20	18.30	13351	2.8	3.1	1	80	0.1	33	1
A	18.30	21.30	13352	2.8	3.0	1	130	0.1	47	3
A	21.30	24.40	13353	2.5	3.1	1	77	0.1	32	2
A	24.40	27.40	13354	1.8	3.0	1	219	0.1	76	4
A	27.40	30.50	13355	2.6	3.1	1	217	0.1	73	3
A	30.50	32.70	13356	1.9	2.2	4	350	0.1	115	4
A	32.70	33.50	13357	0.8	0.8	7	573	0.1	213	9
A	33.50	36.60	13358	3.1	3.1	14	428	0.1	166	8
A	36.60	39.60	13359	3.0	3.0	18	572	0.1	173	9
A	39.60	42.70	13360	3.0	3.1	21	539	0.1	156	9
A	42.70	45.70	13361	2.9	3.0	30	581	0.1	162	9
A	45.70	48.80	13362	2.9	3.1	16	606	1.5	181	14
A	48.80	51.80	13363	2.9	3.0	23	629	0.1	212	16
A	51.80	54.90	13364	2.9	3.1	42	502	0.1	166	14
A	54.90	57.90	13365	3.0	3.0	6	218	0.1	60	10
A	57.90	61.00	13366	3.0	3.1	32	882	0.1	186	25
A	61.00	64.00	13367	3.0	3.0	28	438	0.1	156	12
A	64.00	67.10	13368	3.0	3.1	33	772	3.7	215	15
A	67.10	70.10	13369	2.9	3.0	10	467	0.1	171	8
A	70.10	73.10	13370	3.0	3.0	16	882	0.1	285	10
A	73.10	76.10	13371	3.0	3.0	5	368	0.1	115	8
A	76.10	79.20	13372	3.0	3.1	57	761	0.1	221	8
A	79.20	82.30	13373	3.0	3.1	13	479	0.1	141	7
A	82.30	85.30	13374	3.0	3.0	26	760	0.1	278	8
A	85.30	88.40	13375	3.0	3.1	17	908	1.3	359	20
A	88.40	91.40	13376	3.0	3.0	27	819	1.6	450	15
A	91.40	94.50	13377	3.0	3.1	50	1445	0.1	535	13
A	94.50	97.50	13378	3.0	3.0	33	1449	0.1	503	10
A	97.50	100.60	13379	3.0	3.1	28	908	0.1	310	8
A	100.60	103.60	13380	3.0	3.0	14	937	0.1	261	9
A	103.60	106.70	13381	3.0	3.1	37	977	0.1	310	14
A	106.70	109.70	13382	3.0	3.0	72	1408	0.1	483	16
A	109.70	112.80	13383	3.0	3.1	52	1175	0.1	447	12
A	112.80	115.80	13384	2.9	3.0	46	1074	0.1	425	10
A	115.80	118.90	13385	3.0	3.1	44	1040	0.1	383	10
A	118.90	121.90	13386	3.0	3.0	83	1151	0.1	455	8
A	121.90	125.00	13387	3.0	3.1	42	1196	0.1	444	24
A	125.00	128.00	13388	3.0	3.0	49	1609	0.1	597	75
A	128.00	131.10	13389	3.0	3.1	83	1958	0.1	670	64
A	131.10	134.10	13390	3.0	3.0	70	1217	0.1	499	101
A	134.10	137.20	13391	2.9	3.1	56	1413	0.1	523	99
A	137.20	140.20	13392	2.9	3.0	44	873	0.1	308	61
A	140.20	143.20	13393	2.9	3.0	74	398	0.1	193	27
A	143.20	146.30	13394	3.0	3.1	52	906	0.1	365	97
A	146.30	149.30	13395	3.0	3.0	48	1165	0.1	369	162
										180

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	NO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 149.30	152.40	13396	2.9	3.1	33	1125	0.1	357	150	160
A 152.40	155.40	13397	3.0	3.0	66	1140	0.1	407	145	150
A 155.40	158.50	13398	3.0	3.1	66	1696	0.1	542	275	200
A 158.50	161.50	13399	3.0	3.0	41	1423	0.2	497	136	180
A 161.50	164.60	13400	2.9	3.1	14	628	1.6	301	49	220
A 164.60	167.60	13401	2.9	3.0	69	2030	0.2	781	152	260
A 167.60	170.70	13402	3.0	3.1	30	936	0.1	410	41	30
A 170.70	173.70	13403	3.0	3.0	41	1000	0.1	449	41	130
A 173.70	176.80	13404	2.8	3.1	45	665	0.1	323	29	150
A 176.80	179.80	13405	3.0	3.0	10	551	0.1	231	12	70
A 179.80	182.90	13406	3.0	3.1	91	1000	0.1	419	19	110
A 182.90	185.90	13407	3.0	3.0	74	897	0.1	383	27	110
A 185.90	189.00	13408	3.0	3.1	29	823	0.1	314	40	80
A 189.00	192.00	13409	3.0	3.0	28	1026	0.1	418	36	90
A 192.00	195.10	13410	3.0	3.1	123	1282	0.1	551	40	120
A 195.10	198.10	13411	3.0	3.0	113	1275	0.1	598	27	120
A 198.10	201.20	13412	3.1	3.1	58	1263	0.1	536	24	130
A 201.20	204.20	13413	3.0	3.0	219	1913	0.1	941	35	200
A 204.20	207.30	13414	3.0	3.1	79	1886	0.3	736	32	150
A 207.30	210.30	13415	2.9	3.0	107	2259	0.5	941	34	210
A 210.30	213.30	13416	3.0	3.0	69	1639	0.6	731	23	240
A 213.30	216.40	13417	3.1	3.1	191	1918	0.3	789	22	160
A 216.40	219.40	13418	3.0	3.0	92	1709	0.3	743	19	160
A 219.40	222.50	13419	3.0	3.1	158	2064	0.4	897	27	200
A 222.50	225.50	13420	2.8	3.0	118	1784	0.5	729	20	130
A 225.50	228.60	13421	3.1	3.1	181	2051	0.5	895	19	190
A 228.60	231.60	13422	3.0	3.0	193	2700	1.1	1104	19	210
A 231.60	234.70	13423	3.0	3.1	167	3163	0.9	1245	20	260
A 234.70	237.70	13424	3.0	3.0	139	3032	1.0	1199	12	220
A 237.70	240.80	13425	2.9	3.1	287	2639	0.7	1009	10	210
A 240.80	243.80	13426	2.9	3.0	166	2826	0.9	1028	11	230
A 243.80	246.90	13427	3.0	3.1	59	2958	1.1	984	7	340
A 246.90	249.90	13428	3.0	3.0	47	3512	1.0	931	7	440
A 249.90	253.00	13429	3.0	3.1	40	5428	1.3	1468	9	600
A 253.00	256.00	13430	2.8	3.0	50	4464	0.7	1238	8	450
A 256.00	259.10	13431	3.0	3.1	42	3807	1.2	1085	7	450
A 259.10	262.10	13432	3.0	3.0	26	2895	0.8	803	7	490
A 262.10	265.20	13433	2.9	3.1	49	2938	0.7	822	9	370
A 265.20	268.20	13434	2.9	3.0	137	1542	0.5	364	60	130
A 268.20	271.30	13435	3.0	3.1	106	1637	0.3	402	44	120
A 271.30	274.30	13436	3.0	3.0	95	1493	0.1	385	38	110
A 274.30	277.40	13437	3.0	3.1	134	1139	0.1	275	71	110
A 277.40	280.40	13438	3.0	3.0	65	1389	0.2	362	63	100
A 280.40	283.50	13439	3.0	3.1	62	1071	0.1	293	51	100
A 283.50	286.50	13440	2.9	3.0	77	974	0.5	286	70	110
A 286.50	289.50	13441	2.9	3.0	71	1210	0.1	349	128	120
A 289.50	292.60	13442	2.9	3.1	88	1456	0.1	426	48	150
A 292.60	295.60	13443	2.9	3.0	126	996	0.1	298	27	100
A 295.60	298.70	13444	2.9	3.1	75	816	0.3	251	15	70
A 298.70	301.70	13445	2.9	3.0	90	916	0.1	202	22	60
A 301.70	304.80	13446	2.6	3.1	88	884	0.1	199	21	90

DDH LL92-07 SURVEY LOG

H DDHID : LL92-07  
 H LOGGED BY : MLA  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

FROM (m)	TO (m)	AZM. V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R 0.0	173.7	179.0 -60.0	10099.0	9287.0	993.0

DDH LL92-07 SUMMARY LITHOLOGIC LOG

FROM (m)	TO (m)	LITH	COMMENTS
L 0.0	9.80	OVBN	:triconed - no core
L 9.80	20.40	FLP*	:indistinct porphyry text.; strong QZ+MS altn; very : fine grained; 3-4 % PY in vnlts, <vns, diss; local : PY patches and vns; <0.5% grey sde (TN?); local zones : gouge and bxia
L 20.40	29.80	FLP*	:typical feldspar porphyry w/ 10% subhedral feldspar : xtls in a fine grained matrix; feldspars altd to sauss : mnrr PY vnlts; 1-2 % diss PY; << .5% TN?
L 29.80	51.80	STST	:aphanitic, strong QZ+MS altn; strongly fractured to : loc bxia; 3-4% PY in <vns, vnlts, bxia matrix and diss : loc ST (stibnite) xtls; occ PY vn w/ mnrr SL; grad : lower cnt
L 51.80	92.50	SDST	:fine to med grained SDST grading loc to STST and CNGL : mod fracturing to loc bxia; 1-3% PY in <vns, vnlts & : diss; greenish grey colour loc; CNGL has FLP*, SDST : and STST clasts to 35 mm
L 92.50	120.40	CNGL	:pale tan-gy colour; indistinct clasts of SDST, STST : and FLP*; 1-3 % PY in <vns and diss; min PY in vnlts : and vns; rare QZ vns w/ PY xtls; clasts to 60 mm
L 120.40	173.70	SDST	:med tan-gy to med green-gy in colour w/ occ pebble : sized clasts; variable QZ veining and stockwork dev; : mnrr red hematite loc in <vns starting @ 143.2 m; tr CP : loc; gy sde (TN?) in <vns and diss; 3-5 % PY in <vns, : diss, and occ vnlts; rare PY vns : E.O.H. @ 173.7 m ; hole could not continue due to : adverse drilling conditions

## DDH LL92-07 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A	9.80	12.20	13579	1.9	2.4	6	8	0.1	61	3	
A	12.20	15.20	13580	2.6	3.0	5	6	0.1	23	6	
A	15.20	18.30	13581	2.7	3.1	1	11	0.1	46	22	
A	18.30	21.30	13582	2.8	3.0	3	7	0.1	89	23	
A	21.30	24.40	13583	2.8	3.1	2	13	0.1	67	13	
A	24.40	27.40	13584	2.8	3.0	3	58	0.1	95	28	
A	27.40	30.50	13585	2.7	3.1	1	29	0.1	29	20	
A	30.50	33.50	13586	2.0	3.0	1	75	0.1	61	60	
A	33.50	36.60	13587	1.3	3.1	3	27	0.1	451	24936	
A	36.60	39.60	13588	2.6	3.0	2	9	0.1	53	2201	
A	39.60	42.70	13589	1.2	3.1	1	41	0.1	144	122	
A	42.70	45.70	13590	2.7	3.0	2	10	0.1	66	683	
A	45.70	48.80	13591	2.8	3.1	5	18	0.1	238	430	
A	48.80	51.80	13592	2.8	3.0	1	7	0.1	87	36	
A	51.80	54.90	13593	2.7	3.1	3	9	0.1	100	118	
A	54.90	57.90	13594	2.6	3.0	1	5	0.1	30	41	
A	57.90	61.00	13595	2.7	3.1	1	11	0.1	17	30	
A	61.00	64.00	13596	2.7	3.0	2	6	0.1	17	15	
A	64.00	67.10	13597	2.8	3.1	4	8	0.1	50	31	
A	67.10	70.10	13598	2.9	3.0	1	10	0.1	32	16	
A	70.10	73.10	13599	2.9	3.0	1	13	0.1	50	28	
A	73.10	76.20	13600	2.9	3.1	3	11	0.1	27	16	
A	76.20	79.20	13681	2.8	3.0	11	33	0.1	55	26	
A	79.20	82.30	13682	2.8	3.1	15	23	0.1	85	33	
A	82.30	85.30	13683	2.9	3.0	7	18	0.1	58	20	
A	85.30	88.40	13684	2.2	3.1	44	58	0.1	45	32	
A	88.40	91.40	13685	2.7	3.0	17	26	0.1	19	13	
A	91.40	94.50	13686	2.7	3.1	16	28	0.1	60	18	
A	94.50	97.50	13687	2.8	3.0	8	167	0.1	70	46	
A	97.50	100.60	13688	2.8	3.1	57	117	0.1	56	33	
A	100.60	103.60	13689	2.8	3.0	10	239	0.1	76	69	
A	103.60	106.70	13690	2.8	3.1	42	482	0.1	114	149	
A	106.70	109.70	13691	2.7	3.0	23	459	0.1	118	127	
A	109.70	112.80	13692	2.7	3.1	41	242	0.1	127	67	
A	112.80	115.80	13693	2.7	3.0	127	2447	0.6	594	525	290
A	115.80	118.90	13694	2.8	3.1	111	2019	0.5	618	190	190
A	118.90	121.90	13695	2.7	3.0	107	2440	0.7	799	180	230
A	121.90	125.00	13696	2.8	3.1	147	2341	0.9	888	124	220
A	125.00	128.00	13697	2.8	3.0	155	3083	0.9	984	184	270
A	128.00	131.10	13698	2.8	3.1	210	3063	0.9	829	460	280
A	131.10	134.10	13699	2.9	3.0	263	2254	8.0	489	659	200
A	134.10	137.20	13700	2.6	3.1	394	3427	1.3	773	1007	330
A	137.20	140.20	13701	2.7	3.0	255	3794	1.4	866	846	350
A	140.20	143.20	13702	2.8	3.0	268	3400	1.4	897	313	310
A	143.20	146.30	13703	2.8	3.1	160	3478	0.5	784	197	340
A	146.30	149.30	13704	2.9	3.0	266	3764	0.8	769	31	360
A	149.30	152.40	13705	2.9	3.1	156	4703	1.2	1155	44	430
A	152.40	155.40	13706	2.9	3.0	161	4389	1.3	529	13	420
A	155.40	158.50	13707	2.9	3.1	213	7103	3.6	874	25	400

FROM (m)	TO (m)	SAMP#	REC.	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb	
A 158.50	161.50	13708		3.0	3.0	236	4173	1.7	740	10	450
A 161.50	164.60	13709		3.0	3.1	280	4581	1.5	917	10	460
A 164.60	167.60	13710		3.0	3.0	268	4027	1.7	780	9	410
A 167.60	170.70	13711		2.7	3.1	263	3649	1.6	608	9	380
A 170.70	173.70	13712		2.9	3.0	431	4435	2.2	910	11	380
C E.O.H. @173.7m											

**DDH LL92-08 SURVEY LOG**

H DDHID : LL92-08  
 H LOGGED BY : DJH  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

	<b>FROM</b> (m)	<b>TO</b> (m)	<b>AZM.</b>	<b>V-ANG</b>	<b>NORTHING</b> (m)	<b>EASTING</b> (m)	<b>ELEVATION</b> (m)
R	0.0	283.5	179.0	-60.0	10028.0	9286.0	993.0

**DDH LL92-08 SUMMARY LITHOLOGIC LOG**

	<b>FROM</b> (m)	<b>TO</b> (m)	<b>LITH</b>	<b>COMMENTS</b>
L	0.0	6.10	OVBN	:triconed - no core
L	6.10	16.40	SDST	:med gy, coarse grained grading loc to CNGL; occ :bedding; occ PY vns; 1-2% PY in <vns; 5-10% PY diss; : 6.8 - 7.5 m bxia zone : 9.3 - 9.8 m bxia zone
L	16.40	17.20	CNGL	:heterolithic conglomerate w/ sandy matrix; up to 40% :diss PY in clasts;
L	17.20	21.40	STST	:pale tan, strong QZ+MS altd, very fine grained to :aphanitic; weak bedding
L	21.40	26.90	FLP*	:15% feldspar phenos to 3mm; strongly sheared cnts; :3-6% PY in patches, <vns, vnlts
L	26.90	28.50	STST?	:a/a 17.20 - 21.40; strongly sheared; xenolith?
L	28.50	35.70	FLP*	:a/a 21.30 - 33.30; 70% subrounded to rounded clasts :of quartz and lesser porphyry and minor intermediate :intrusive to 64 mm dia; 2-4% PY in <vns, vnlts, and :diss; loc narrow zones of post mineral shearing w/ :bxia and CY gouge
L	35.70	44.40	SDST	:pale gy, QZ+MS altd, strongly fractured to weakly :bxiatd loc; up to 20% PY in bxia matrix; PY in <vns, :vnlts and diss
L	44.40	53.30	STST	:med tan, strong QZ+MS altd, strongly fractured w/ mnrt :interbedded SDST; PY in <vns, vnlts and diss; occ PY+ :SD? (siderite) in patches and vnlts
L	53.30	134.10	SDST	:med gy, fine grained, w/ weak QZ+MS altn and weak to :mod fracturing; 1-3% PY in <vns, vnlts, and diss; occ :PY and QZ+PY vns; occ vnlts QZ+PY+TN starting at 76.2 : - occ patches SD? + PY 106.7 - 109.7 : - tr MO in QZ+PY vn @ 113.6 : - mnrt red hematite 128.0 - 131.1 : - tr MO is <vns 131.1 - 134.1
L	134.10	158.50	CNGL	:indistinct clastic texture due to altn and fracturing; :PY in <vns, vnlts, diss; occ QZ+PY+/-TN+/-MO vns and :vnlts; variable red hematite in patches :mnrt QZ+PY stockwork 155.4 - 158.5

FROM (m)	TO (m)	LITH	COMMENTS
L 158.50	204.20	SDST	:typical fine to med grained sandstone w/ 2-4% PY in <vns, vnlts, diss; occ QZ+PY+/-TN vns; mnr red hem. :in patches and vnlts; : 197.9 - 198.8 heterolithic bxia w/ sde matrix
L 204.20	274.30	CNGL	:a/a 134.1 - 158.5 w/ mnr interbedded SDST; PY in <vns & vnlts, diss (2-4%); occ QZ+PY; tr TN in <vns; no red hematite; tr HS in <vns 219.4 - 222.5; vns becoming less common since 225.0; : - 249.9 - 256.0 tr red hematite : 262.1 - 265.2 tr red hematite : 249.9 - 253.0 0.4 metres bxia : -0.2 m MYLN at end of interval :only trace TN observed since 240.8
L 274.30	277.20	SHZN	:shear zone containing contact w/ QFP*; frags of QFP* :start @ 275.8; red hematite 275.8 - 276.4; mylonite :w/ wispy black matrix to 275.2; PY in <vns, vnlts & diss in frags; PY diss in mylonite matrix; tr HS @ 275.8
L 277.20	283.50	QFP*	:10% feld phenos to 5mm (altered to MS); 2% quartz :phenos to 3mm; no PY (ie post mineral dike) :E.O.H. @ 283.5m

## DDH LL92-08 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC.	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SE ppm	AU ppb
C 0.00	6.10	NO SAMPLE								
A 6.10	9.10	13942	2.4	3.0	31	303	0.1	104	72	
A 9.10	12.20	13943	3.0	3.1	2	207	0.3	47	83	
A 12.20	15.20	13944	2.9	3.0	3	10	0.3	48	6	
A 15.20	18.30	13945	3.0	3.1	4	40	0.1	120	21	
A 18.30	21.30	13946	2.0	3.0	1	73	0.1	55	24	
A 21.30	24.40	13947	3.0	3.1	4	145	0.1	69	39	
A 24.40	28.70	13948	3.5	4.3	2	88	0.1	105	38	
A 28.70	30.50	13949	1.7	1.8	5	10	0.1	36	4	
A 30.50	33.50	13950	2.9	3.0	3	202	0.1	84	36	
A 33.50	36.60	13951	2.9	3.1	4	16	0.1	25	4	
A 36.60	39.60	13952	2.9	3.0	3	62	0.1	106	19	
A 39.60	42.70	13953	2.8	3.1	4	114	0.1	280	38	
A 42.70	45.70	13954	3.0	3.0	20	77	0.1	136	17	
A 45.70	48.80	13955	2.9	3.1	9	76	0.1	53	9	
A 48.80	51.80	13956	2.7	3.0	5	267	0.1	177	16	
A 51.80	54.90	13957	3.0	3.1	18	594	0.2	155	28	
A 54.90	57.90	13958	3.0	3.0	18	458	0.1	126	27	
A 57.90	61.00	13959	2.9	3.1	17	278	0.1	107	15	
A 61.00	64.00	13960	2.8	3.0	74	392	0.2	87	9	
A 64.00	67.10	13961	3.0	3.1	70	600	0.9	185	21	
A 67.10	70.10	13962	2.9	3.0	89	662	0.1	253	8	
A 70.10	73.10	13963	2.9	3.0	56	640	0.7	276	10	
A 73.10	76.20	13964	3.0	3.1	36	785	0.3	389	7	
A 76.20	79.20	13965	2.9	3.0	71	750	0.5	258	34	
A 79.20	82.30	13966	2.8	3.1	91	916	0.4	472	26	
A 82.30	85.30	13967	2.7	3.0	68	870	0.5	465	26	
A 85.30	88.40	13968	3.0	3.1	24	767	0.7	358	14	
A 88.40	91.40	13969	2.7	3.0	50	994	0.6	444	6	
A 91.40	94.50	13970	2.9	3.1	61	1102	0.5	515	3	70
A 94.50	97.50	13971	2.9	3.0	128	1474	0.8	605	3	70
A 97.50	100.60	13972	3.0	3.1	93	988	0.6	394	4	80
A 100.60	103.60	13973	2.9	3.0	278	1680	1.6	630	5	100
A 103.60	106.70	13974	2.9	3.1	131	2037	1.3	706	4	220
A 106.70	109.70	13975	2.9	3.0	104	1494	0.7	575	3	110
A 109.70	112.80	13976	3.0	3.1	102	1502	0.9	557	3	100
A 112.80	115.80	13977	2.9	3.0	130	2253	0.1	844	2	180
A 115.80	118.90	13978	3.0	3.1	384	2847	0.7	1047	4	160
A 118.90	121.90	13979	2.9	3.0	134	3165	0.9	1156	4	220
A 121.90	125.00	13980	2.9	3.1	158	3948	1.8	1565	5	200
A 125.00	128.00	13981	2.9	3.0	193	2682	1.6	1008	3	180
A 128.00	131.10	13982	3.0	3.1	157	2094	0.5	703	4	110
A 131.10	134.10	13983	2.9	3.0	164	2555	0.9	911	6	130
A 134.10	137.20	13984	3.0	3.1	112	1857	0.6	693	6	140
A 137.20	140.20	13985	2.8	3.0	523	2591	0.7	992	11	110
A 140.20	143.20	13986	2.8	3.0	148	2239	0.6	792	8	150
A 143.20	146.30	13987	3.0	3.1	118	1873	0.7	635	6	170
A 146.30	149.30	13988	3.0	3.0	130	5947	41.7	1776	611	3330
A 149.30	152.40	13989	2.7	3.1	126	2551	0.7	821	6	220

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 152.40	155.40	13990	2.7	3.0	124	2037	0.1	641	3	140
A 155.40	158.50	13991	2.9	3.1	156	2299	0.1	760	12	160
A 158.50	161.50	13992	3.0	3.0	130	2255	0.2	776	10	150
A 161.50	164.60	13993	3.1	3.1	91	2752	20.5	947	3	780
A 164.60	167.60	13994	2.9	3.0	277	1535	0.1	498	1	240
A 167.60	170.70	13995	3.0	3.1	91	2076	0.2	737	1	120
A 170.70	173.70	13996	2.9	3.0	142	4106	1.2	1275	4	220
A 173.70	176.80	13997	2.8	3.1	147	3018	0.5	1018	4	200
A 176.80	179.80	13998	2.8	3.0	165	2935	0.1	961	3	260
A 179.80	182.90	13999	3.1	3.1	125	3194	0.4	1112	4	300
A 182.90	185.90	14000	3.0	3.0	136	1718	0.1	593	11	240
A 185.90	189.00	13121	2.8	3.1	95	2777	0.1	815	21	260
A 189.00	192.00	13122	3.0	3.0	101	2945	0.1	792	26	180
A 192.00	195.10	13123	2.9	3.1	76	2260	0.1	745	19	170
A 195.10	198.10	13124	2.8	3.0	139	2215	0.1	860	20	270
A 198.10	201.20	13125	2.9	3.1	166	2062	0.1	615	10	150
A 201.20	204.20	13126	2.9	3.0	105	1467	0.1	382	7	90
A 204.20	207.30	13127	3.0	3.1	198	808	0.1	297	5	150
A 207.30	210.30	13128	3.0	3.0	46	1053	0.1	383	6	100
A 210.30	213.30	13129	3.0	3.0	93	1541	0.1	550	5	120
A 213.30	216.40	13130	3.0	3.1	109	1758	0.3	643	6	200
A 216.40	219.40	13131	2.9	3.0	39	1369	0.1	502	6	90
A 219.40	222.50	13132	2.9	3.1	117	1585	0.7	595	8	120
A 222.50	225.50	13133	2.9	3.0	50	1431	0.1	552	9	100
A 225.50	228.60	13134	2.9	3.1	50	1411	0.1	533	9	90
A 228.60	231.60	13135	3.0	3.0	53	881	0.1	314	9	
A 231.60	234.70	13136	2.9	3.1	99	780	1.1	291	9	
A 234.70	237.70	13137	2.9	3.0	18	910	0.1	337	8	
A 237.70	240.80	13138	3.0	3.1	63	1003	0.4	383	7	
A 240.80	243.80	13139	2.9	3.0	24	750	0.1	273	6	
A 243.80	246.90	13140	3.0	3.1	29	720	0.1	278	9	
A 246.90	249.90	13141	2.9	3.0	36	682	0.1	248	9	
A 249.90	253.00	13142	3.0	3.1	26	521	0.1	194	13	
A 253.00	256.00	13143	2.9	3.0	30	610	0.1	213	14	
A 256.00	259.10	13144	3.0	3.1	29	774	0.1	275	44	
A 259.10	262.10	13145	2.9	3.0	27	504	0.1	207	11	
A 262.10	265.20	13146	3.0	3.1	29	594	0.1	217	21	
A 265.20	268.20	13147	2.9	3.0	17	228	0.1	111	4	
A 268.20	271.30	13148	3.0	3.1	26	316	0.1	122	6	
A 271.30	274.30	13149	2.7	3.0	20	306	0.1	110	5	
A 274.30	277.40	13150	3.0	3.1	7	308	0.1	121	17	
C 277.40	283.50									
C E.O.H.	@ 283.5m									

DDH LL92-09 SURVEY LOG

H DDHID : LL92-09  
 H LOGGED BY : MLA  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	198.1		180.0 -55.0	10606.0	11146.0	954.9

DDH LL92-09 SUMMARY LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	COMMENTS
L	0.0	7.60	OVBN	:triconed - no core
L	7.60	33.30	FLP*	:20-50% altered, subhedral to anhedral feldspar phenos :2-4% PY in <vns, vnlts, diss; feldpars altered to CY :or QZ+MS
L	33.30	39.60	STST	:med tan grey, strongly <veined grading loc to SDST
L	39.60	64.50	SDST	:strong QZ+MS altn; 2-4% PY in <vns, vnlts, diss
L	64.50	83.40	CNGL	:coarse grained, med grey, strongly <veined, strongly :QZ+MS altd, grading to STST loc; 2-4% PY in <vns, diss :and vnlts; loc CY gouge and bxia zones; rare PY vns :sheared lower cnt
L	83.40	88.30	STST	:med green grey, weakly <veined, w/rounded heterolithic :clasts of FLP*, seds and volcs to 50%; 1-3 % PY in :<vns, vnlts and diss; clast boundries becoming diffuse :@79.2 due to increased QZ+MS altn
L	88.30	90.20	SDST	:a/a 33.30 - 39.60; grades to SDST at EOI
L	90.20	112.40	CNGL	:a/a 39.60 - 64.50; grades to CNGL at EOI
L	112.40	128.20	SDST	:med green grey heterolithic conglomerate a/a 64.50 - :83.40; rare PY vns
L	128.20	154.40	CNGL	:a/a 39.60 - 64.50; w/ occ pebbles; occ PY vns, vnlts :weak bedding @ 45 deg to core axis; 1-2% diss PY
L	154.40	164.90	STST	:med grey/tan, mod <veined, QZ+MS altered, heterolithic :conglomerate; gradational lower cnt; 3-5% PY in <vns, :vnlts, diss;
L	164.90	198.10	FLP*	:a/a 33.30 - 39.60; w/ QZ+/-PY vnlts loc; grades loc to :fine grained SDST
				:10-25% subhedral feldspar phenos altered to CY w/i a :fine grained grey/green matrix; weak <veining w/ PY & :minor QZ; rare QZ vns; 1-2 % PY diss; :- mylonite zones 164.9 - 167.6, 171.6 - 173.9, :- 182.1 - 182.9 :- QZ vnlts, <vns increading at 192.0 :- tr SL and GL in <vns with QZ :E.O.H. @ 198.10 m

## DDH LL92-09 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	BB ppm	AU ppb
A 24.40	27.40	13779	2.9	3.0	2	126	0.5	78	7	
A 27.40	30.50	13780	2.9	3.1	4	98	0.1	65	8	
A 30.50	33.50	13781	2.8	3.0	3	68	0.1	70	4	
A 33.50	36.60	13782	2.6	3.1	2	27	0.1	44	4	
A 36.60	39.60	13783	2.3	3.0	1	16	0.1	22	1	
A 39.60	42.70	13784	2.5	3.1	1	10	0.1	26	1	
A 42.70	45.70	13785	2.8	3.0	2	12	0.1	32	1	
A 45.70	48.80	13786	2.4	3.1	3	7	0.1	24	3	
A 48.80	51.80	13787	2.6	3.0	2	11	0.1	29	2	
A 51.80	54.90	13788	2.8	3.1	1	13	0.1	20	1	
A 54.90	57.90	13789	2.8	3.0	1	15	0.1	43	1	
A 57.90	61.00	13790	2.8	3.1	1	22	0.1	24	2	
A 61.00	64.00	13791	2.8	3.0	3	37	0.1	33	4	
A 64.00	67.10	13792	2.9	3.1	1	23	0.1	37	2	
A 67.10	70.10	13793	2.9	3.0	1	16	0.1	25	1	
A 70.10	73.10	13794	3.0	3.0	1	9	0.1	18	1	
A 73.10	76.20	13795	3.0	3.1	1	12	0.1	26	1	
A 76.20	79.20	13796	3.0	3.0	1	10	0.1	22	1	
A 79.20	82.30	13797	2.9	3.1	1	19	0.1	20	2	
A 82.30	85.30	13798	2.9	3.0	1	9	0.1	19	1	
A 85.30	88.40	13799	2.9	3.1	1	58	0.1	39	5	
A 88.40	91.40	13800	2.9	3.0	1	60	0.1	42	4	
A 91.40	94.80	13801	2.9	3.4	1	36	0.1	28	2	
A 94.80	97.50	13802	2.7	2.7	1	69	0.1	24	4	
A 97.50	100.60	13803	2.9	3.1	1	28	0.1	25	2	
A 100.60	103.60	13804	2.8	3.0	1	59	0.1	34	2	
A 103.60	106.70	13805	2.8	3.1	1	40	0.1	22	2	
A 106.70	109.70	13806	2.7	3.0	1	16	0.1	44	1	
A 109.70	112.80	13807	2.7	3.1	1	99	0.1	44	3	
A 112.80	115.80	13808	2.7	3.0	1	24	0.1	65	2	
A 115.80	118.90	13809	2.8	3.1	1	119	0.1	57	3	
A 118.90	121.90	13810	2.9	3.0	1	202	0.1	65	5	
A 121.90	125.00	13811	2.9	3.1	1	184	0.1	52	3	
A 125.00	128.00	13812	2.9	3.0	1	101	0.1	38	3	
A 128.00	131.10	13813	2.8	3.1	1	65	0.1	33	2	
A 131.10	134.10	13814	2.9	3.0	1	88	0.1	51	5	
A 134.10	137.20	13815	2.9	3.1	1	82	0.1	41	3	
A 137.20	140.20	13816	2.7	3.0	1	34	0.1	92	4	
A 140.20	143.20	13817	2.9	3.0	1	25	0.1	54	1	
A 143.20	146.30	13818	2.9	3.1	1	15	0.1	77	2	
A 146.30	149.30	13819	2.9	3.0	1	27	0.1	99	1	
A 149.30	152.40	13820	2.8	3.1	1	31	0.1	45	1	
A 152.40	155.40	13821	2.5	3.0	3	104	0.1	69	6	
A 155.40	158.50	13822	2.4	3.1	1	85	0.1	55	3	
A 158.50	161.50	13823	2.5	3.0	1	41	0.1	47	2	
A 161.50	164.90	13824	2.8	3.4	5	51	0.1	34	1	
A 164.90	167.60	13825	2.5	2.7	3	117	0.1	66	1	
A 167.60	170.70	13826	2.8	3.1	6	193	0.7	55	1	
A 170.70	173.90	13827	2.9	3.2	1	311	1.4	106	1	

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 173.90	176.80	13828	2.7	2.9	3	17	0.7	12	1	
A 176.80	179.80	13829	2.8	3.0	2	21	0.8	32	1	
A 179.80	182.10	13830	2.1	2.3	1	41	0.9	42	1	
A 182.10	182.90	13831	0.8	0.8	1	52	2.4	69	1	
A 182.90	185.90	13832	2.8	3.0	4	74	2.4	87	1	
A 185.90	189.00	13833	2.8	3.1	2	9	0.3	8	1	
A 189.00	192.00	13834	2.9	3.0	3	9	0.4	7	1	
A 192.00	195.10	13835	2.7	3.1	5	21	0.3	7	1	
A 195.10	198.10	13836	2.8	3.0	3	214	1.0	60	3	
C E.O.H.	@ 198.10m									

**DDH LL92-10 SURVEY LOG**

H DDHID : LL92-10  
 H LOGGED BY : DJH  
 H DATE : FEB 92  
 H CORE SIZE : NQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

	<b>FROM</b> (m)	<b>TO</b> (m)	<b>AZM.</b>	<b>V-ANG</b>	<b>NORTHING</b> (m)	<b>EASTING</b> (m)	<b>ELLEVATION</b> (m)
R	0.0	228.6	176.0	-55.0	10606.0	11146.0	954.9

**DDH LL92-10 SUMMARY LITHOLOGIC LOG**

	<b>FROM</b> (m)	<b>TO</b> (m)	<b>LITH</b>	<b>COMMENTS</b>
L	0.0	14.60	OVBN	:triconed - no core
L	14.60	25.20	LATT	:med grey, fine grained latite? w/ weak porph text loc :<1% PY in <vns and diss; QZ+MS altered; lower cnt :sheared
L	25.20	36.40	TFLP	:med green grey, v. weakly <veined, weakly QZ+MS altd; :w/ lapilli to 40 mm (average 5 mm); 60% dark grey :matrix; vnlt QZ+CB+SL+PY @ 30.6
L	36.40	42.90	LATT	:a/a 14.6 - 25.2 w/ occ CB vnlt
L	42.90	48.20	TFLP	:a/a 25.2 - 36.40;
L	48.20	63.90	VLST?	:med green grey, weakly QZ+MS altered, weakly <veined :volcanic siltstone or ash tuff; grades loc to volcanic :conglomerate; SL+PY+QZ+CB vnlt loc; rare SL patches;
L	63.90	71.60	TFAS	:pale green-grey, weak to med QZ+MS altered, ash tuff :w/ loc plag? xtls; occ vns PY+GL+SL and patches SL+PY
L	71.60	75.50	VLSS?	:med green-grey, weak QZ+MS altered, weakly <veined, :volcanic sandstone or TFAS; SL+PY in <vns, patches & :occ vns
L	75.50	91.40	TFAS	:a/a 63.9 - 71.6; w/ loc plag? xtls; PY+SL+/-QZ in :patches, <vns, vnlt; <1% PY in <vns, vnlt & diss :occ vns SL+CP+PY+AS
L	91.40	97.50	TFLP	:pale green grey, weak <vn, weak to med QZ+MS altn; :lapilli to 15mm; PY in <vns, vnlt; SL in <vns, vnlt :& patches w/PY
L	97.50	104.70	TFAS	:a/a 63.9 - 71.6; grades loc to TFDT and TFLP; :- 100.0 vn PY+CP+SL 15 cm :SL+PY+/-GL in vnlt & <vns
L	104.70	109.50	FLP*	:pale green grey, w/15% white anhedral felds phenos to :2 mm; PY+SL in <vns, vnlt, blebs, patches;
L	109.50	112.70	TFAS	:a/a 63.9 - 71.6; grades to TFDT and TFLP loc; tr SL in <vns and patches; PY in patches and <vns
L	112.70	116.00	FLP*	:a/a 104.7 - 109.5; PY in <vns and diss;
L	116.00	119.10	TFAS	:a/a 109.5 - 112.7; <1% PY in <vns and diss; tr SL diss
L	119.10	133.30	FLP*	:a/a 104.7 - 109.5; mnrr PY in <vns; tr SL diss;

FROM (m)	TO (m)	LITH	COMMENTS
L 133.30	137.80	TFDT	:pale green grey, v weak <vns, weak QZ+MS altn; tr PY :in <vns and diss; tr SL blebs
L 137.80	142.30	FLP*	:a/a 104.7 - 109.5; tr PY in <vns;
L 142.30	149.00	TFDT	:a/a 133.3 - 137.8; tr diss PY
L 149.00	152.80	TFLP	:a/a 91.4 - 97.5 w/ tr diss PY; frags are felsic volc :porphyry and tuff
L 152.80	179.10	TFAS?	:pale green grey, weak <vn, weak QZ+MS altn; possibly :VLSS; occ lapilli frags; tr SL in <vns; tr PY in <vns :variable silicification
L 179.10	187.60	TFLP	:med green-grey, no <vns, no hydrothermal altn;
L 187.60	189.50	FLP*	:pale green-grey, weak <vns, weak QZ+MS altn; w/ 25% :felds phenos to 3 mm; rare SL+CP vn
L 189.50	228.60	TFLP	:dark grey to med green grey to med red brown; no <vns :no QZ+MS altn; tr diss PY; CB patches and in vnlts; :mnr QZ patches; mnr QZ+CB vnlts :E.O.H. @ 228.6m

**DDH LL92-10 ASSAY LOG**

<b>FROM</b> (m)	<b>TO</b> (m)	<b>SAMP#</b>	<b>REC.</b>	<b>INT.</b> (m)	<b>MO</b> ppm	<b>CU</b> ppm	<b>AG</b> ppm	<b>AS</b> ppm	<b>SB</b> ppm	<b>AU</b> ppb	<b>ZN</b> ppm
<hr/>											
C 0.00	53.00	NO SAMPLE									
A 53.00	54.90	13547	1.7	1.9	1	43	2.4	86	2		893
A 54.90	57.90	13548	3.0	3.0	2	204	2.9	401	8		1638
A 57.90	59.00	13549	1.1	1.1	3	57	5.4	87	7		513
A 59.00	67.10	NO SAMPLE									
A 67.10	70.10	13550	3.0	3.0	2	13	0.9	36	2	30	1894
A 70.10	73.10	13551	3.0	3.0	2	64	3.3	964	11	60	6155
A 73.10	76.20	13552	3.0	3.1	5	387	8.6	562	16	80	9122
A 76.20	79.20	13553	3.0	3.0	1	40	0.2	135	6	20	6959
A 79.20	82.30	13554	3.0	3.1	1	411	14.5	538	17	50	5638
A 82.30	85.30	13555	3.0	3.0	2	65	1.7	311	6	70	2231
A 85.30	88.40	13556	3.0	3.1	3	134	2.8	306	5	60	3710
A 88.40	91.40	13557	2.9	3.0	2	74	2.2	661	5	80	4372
A 91.40	94.50	13558	3.0	3.1	4	164	3.8	237	6	70	5442
A 94.50	97.50	13559	2.9	3.0	2	126	2.2	189	7	40	2684
A 97.50	100.60	13560	2.9	3.1	3	14561	121.7	5292	38	1920	11455
A 100.60	103.60	13561	3.0	3.0	3	135	5.2	376	8	80	5656
A 103.60	106.70	13562	3.1	3.1	1	107	2.6	287	4	70	4017
A 106.70	109.70	13563	2.8	3.0	1	190	5.9	178	19	100	6887
A 109.70	112.80	13564	3.0	3.1	1	67	0.4	97	2	30	1997
A 112.80	115.80	13565	3.0	3.0	4	23	0.1	54	2		128
A 115.80	118.90	13566	3.0	3.1	1	33	62.8	79	5		654
A 118.90	121.90	13567	3.0	3.0	4	17	5.2	36	2		132
A 121.90	125.00	13568	3.0	3.1	2	8	1.7	24	2		50
A 125.00	128.00	13569	3.0	3.0	3	11	0.1	30	1		45
A 128.00	131.10	13570	3.0	3.1	2	8	1.8	26	2		44
A 131.10	134.10	13571	2.9	3.0	2	1464	9.3	98	6		1002
A 134.10	135.50	13578	1.4	1.4	1	16	0.1	17	5		582
A 135.50	152.40	NO SAMPLE									
A 152.40	155.40	13572	3.0	3.0	3	65	0.1	39	6		1583
A 155.40	158.50	13573	3.0	3.1	1	50	3.7	119	7		1899
A 158.50	161.50	13574	2.9	3.0	2	14	0.1	32	5		377
A 161.50	164.60	13575	3.0	3.1	1	22	2.4	100	7		1146
A 164.60	167.60	13576	2.8	3.0	2	19	8.1	111	7		76
A 167.60	170.70	13577	3.1	3.1	1	58	19.6	179	5		189
C 170.70	228.60	NO SAMPLE									
C E.O.H.	@ 228.60m										

**DDH LL92-11 SURVEY LOG**

H DDHID : LL92-11  
 H LOGGED BY : DJH  
 H DATE : JUN 92  
 H CORE SIZE : TWBQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

<b>FROM</b> (m)	<b>TO</b> (m)	<b>AZM.</b>	<b>V-ANG</b>	<b>NORTHING</b> (m)	<b>EASTING</b> (m)	<b>ELEVATION</b> (m)
R 0.0	296.3	180.0	-70.0	10005.0	9059.5	991.0

**DDH LL92-11 SUMMARY LITHOLOGIC LOG**

<b>FROM</b> (m)	<b>TO</b> (m)	<b>LITH</b>	<b>COMMENTS</b>
L 0.0	13.70	OVBN	:triconed - no core
L 13.70	14.80	STST	:med tan, mod <vns, strong QZ+MS altn; 2-3% PY in vnlts :occ bxia w/ PY+QZ matrix
L 14.80	27.40	SDST	:med grey, mod <vns, weak QZ+MS altn; 2-3% PY in <vns, :vnlts, diss; no core rec'd 24.4 - 27.4 m
L 27.40	33.70	STST	:a/a 13.7 - 14.8; occ bxia zones w/ QZ+PY matrix; note :SDST has more diss. PY - STST has PY mainly in <vns, :& vnlts; 1-2% PY in <vns & vnlts; 3-4%PY as patches :in bxia matrix
L 33.70	92.20	SDST	:med greenish grey to pale grey, weak <vns to 88.4 :becoming strong 88.4 to EOI; weak QZ+MS altn; 2-3% PY :in <vns, vnlts & diss; rare PY vns; grades loc to STST :mnr bxia w/ PY+QZ matrix;
L 92.20	103.60	STST	:med tan, strong <vns, mod QZ+MS altn; 2-5% PY in <vns :vnlts, diss; tr MO in bxia zone; tr TN diss; minor :FLP* in heavily broken core;
L 103.60	129.00	FLP*	:med grey, mod <vns, mod QZ+MS altn; 15-20% subhedral :felds phenos to 2mm; 3-5% PY in <vns, vnlts, diss; :mnr TN diss; occ PY+QZ vn
L 129.00	133.90	STST	:a/a 92.2 - 103.6; 2-3% PY in <vns, vnlts, diss; mnr :TN in <vns and diss; occ pebbles :occ post mineral bxia and gouge; 2-3 % PY in <vns an :vnlts
L 133.90	137.20	SDST	:med grey, mod <vns, weak QZ+MS altn; grades loc to :STST; 3-4% PY in <vns, vnlts, diss; tr diss TN
L 137.20	173.70	SDST?	:med grey white, mod <vns, weak - med QZ+MS altn; porph :text observed loc ( possible altered xtl tuff or :felsite or porphyritic text may be in indistinct :cobbles); 2-5 % PY in vns, <vns, vnlts, diss (loc 8- :10 %); tr diss TN; occ QZ+PY vns
L 173.70	195.10	CNGL	:med grey white, weak <vns, weak QZ+MS altn; hetero- :lithic CNGL w/ rounded to subrounded cobbles of :felsite matrix and framework supported in 10% matrix :3-4% PY as diss, patches, <vns, vnlts; tr diss TN

FROM (m)	TO (m)	LITH	COMMENTS
L 195.10	204.20	SDST?	:occ PY vns; :dark grey/white, mod <vns, weak QZ+MS altn; grades :loc to CNGL; 3-5% PY in <vns, vnlts, diss, patches; :tr diss TN
L 204.20	216.30	CNGL	:dark grey/white, strong <vns, weak QZ+MS altn; 3-7% :PY in <vns, vnlts, diss, patches; tr diss TN
L 216.30	222.50	SDST	:a/a 195.1- 204.2; 5-7% PY in vnlts, <vns, diss; tr :diss TN
L 222.50	228.60	CNGL	:a/a 204.2 - 216.30; 5-7% PY in <vns, vnlts, diss; :tr diss TN
L 228.60	234.70	SDST	:a/a 195.1 - 204.2; 5-7% PY in <vns, vnlts, diss; tr :diss TN; tr SL in dark wisps
L 234.70	296.30	CNGL	:med grey white, mod to strong <vns, weak QZ+MS altn; :3-7% PY in <vns, vnlts, diss; tr diss TN; MO+AS in :vnlts 265.2-268.2; rare QZ+MO in vnlts 271.3-274.3; :tr diss MO; grades to TFAT 288.9-291.8 (matrix of CNGL :is probably ash) :E.O.H. @ 296.30m

## DDH LL92-11 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC.	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
C	0.00	13.70	NO SAMPLE							
A	13.70	15.20	12441	1.1	1.5	1	12	0.1	87	10
A	15.20	18.30	12442	2.8	3.1	1	11	0.1	71	7
A	18.30	24.40	12443	2.8	5.1	1	6	0.1	88	8
A	24.40	30.50	12444	0.2	6.1	1	5	0.1	35	1
A	30.50	33.50	12445	0.5	3.0	3	8	0.1	133	5
A	33.50	36.60	12446	1.1	3.1	1	15	0.1	15	1
A	36.60	39.60	12447	1.8	3.0	1	3	0.1	40	1
A	39.60	42.70	12448	3.0	3.0	1	6	0.1	74	2
A	42.70	45.70	12449	2.5	3.0	1	6	0.1	60	1
A	45.70	48.80	12450	3.0	3.1	1	3	0.1	15	1
A	48.80	51.80	12451	2.9	3.0	1	4	0.1	7	1
A	51.80	54.90	12452	3.0	3.1	1	9	0.1	97	5
A	54.90	57.90	12453	3.0	3.0	1	5	0.1	15	1
A	57.90	61.00	12454	2.6	3.1	1	3	0.1	5	1
A	61.00	64.00	12455	2.5	3.0	1	3	0.1	32	1
A	64.00	67.10	12456	2.7	3.1	1	3	0.1	19	1
A	67.10	70.10	12457	1.7	3.0	1	5	0.1	76	2
A	70.10	73.10	12458	2.8	3.0	1	34	0.1	135	9
A	73.10	76.20	12459	1.5	3.1	1	2	0.1	16	1
A	76.20	79.20	12460	1.7	3.0	1	3	0.1	43	1
A	79.20	82.30	12461	0.5	3.1	1	6	0.1	43	1
A	82.30	85.30	12462	1.6	3.0	1	17	0.1	21	1
A	85.30	88.40	12463	1.0	3.1	1	16	0.1	47	1
A	88.40	91.40	12464	2.6	3.0	1	12	0.1	67	5
A	91.40	94.50	12465	2.8	3.1	2	18	0.1	38	1
A	94.50	97.50	12466	2.4	3.0	4	22	0.1	112	1
A	97.50	100.60	12467	0.5	3.1	1	133	0.1	74	36
A	100.60	103.60	12468	2.1	3.0	24	121	0.1	62	24
A	103.60	106.70	12469	2.5	3.1	6	155	0.1	108	40
A	106.70	109.70	12470	2.7	3.0	9	49	0.1	54	12
A	109.70	112.80	12471	2.9	3.1	10	41	0.1	80	10
A	112.80	115.80	12472	2.5	3.0	11	125	0.1	84	33
A	115.80	118.90	12473	2.8	3.1	3	79	0.1	65	20
A	118.90	121.90	12474	2.9	3.0	12	79	0.1	53	13
A	121.90	125.00	12475	2.8	3.1	3	8	0.1	34	1
A	125.00	128.00	12476	2.9	3.0	5	97	0.1	53	19
A	128.00	131.10	12477	2.6	3.1	3	213	0.1	97	58
A	131.10	134.10	12478	2.0	3.0	2	180	0.1	92	39
A	134.10	137.20	12521	3.0	3.1	5	77	0.1	62	15
A	137.20	140.20	12479	2.9	3.0	9	103	0.1	114	30
A	140.20	143.20	12480	2.9	3.0	5	17	0.1	65	1
A	143.20	146.30	12482	3.1	3.1	24	20	0.1	46	3
A	146.30	149.30	12483	3.0	3.0	30	162	0.1	108	41
A	149.30	152.40	12484	3.0	3.1	9	21	0.1	25	4
A	152.40	155.40	12485	2.9	3.0	11	33	0.1	53	6
A	155.40	158.50	12486	3.1	3.1	1	105	0.1	39	25
A	158.50	161.50	12487	3.0	3.0	1	94	0.1	31	21
A	161.50	164.60	12488	2.8	3.1	1	46	0.1	39	11
A	164.60	167.60	12489	2.9	3.0	8	45	0.1	30	9

DDH LL92-11 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 167.60	170.70	12490	3.0	3.1	2	54	0.1	28	6	
A 170.70	173.70	12491	3.0	3.0	18	284	0.1	91	50	
A 173.70	176.80	12492	3.1	3.1	5	29	0.1	11	1	
A 176.80	179.80	12493	3.0	3.0	9	24	0.1	23	2	
A 179.80	182.90	12494	3.0	3.1	2	51	0.1	23	3	
A 182.90	185.90	12495	2.8	3.0	7	145	0.1	46	20	
A 185.90	189.00	12496	2.9	3.1	13	280	0.1	84	34	
A 189.00	192.00	12497	2.9	3.0	6	83	0.1	26	7	
A 192.00	195.10	12498	2.6	3.1	3	82	0.1	19	11	
A 195.10	198.10	12499	2.9	3.0	11	55	5.4	39	12	
A 198.10	201.20	12500	2.9	3.1	1	1	0.5	8	1	
A 201.20	204.20	12501	2.8	3.0	20	88	0.1	26	9	
A 204.20	207.30	12502	2.9	3.1	11	197	0.1	56	22	
A 207.30	210.30	12503	2.9	3.0	31	479	0.1	160	64	
A 210.30	213.30	12504	2.9	3.0	28	433	0.1	135	49	
A 213.30	216.40	12505	2.9	3.1	25	193	0.1	71	19	
A 216.40	219.40	12506	2.9	3.0	5	67	0.1	22	7	
A 219.40	222.50	12507	3.0	3.1	4	117	0.1	29	6	
A 222.50	225.50	12508	2.9	3.0	4	194	0.1	68	5	
A 225.50	228.60	12509	2.7	3.1	8	111	0.1	33	3	
A 228.60	231.60	12510	1.7	3.0	2	67	0.1	16	3	
A 231.60	234.70	12511	2.9	3.1	11	131	0.1	34	13	
A 234.70	237.70	12512	2.9	3.0	15	58	0.1	9	4	
A 237.70	240.80	12513	2.9	3.1	37	218	0.1	48	29	
A 240.80	243.80	12514	2.9	3.0	45	161	0.1	44	13	
A 243.80	246.90	12515	3.0	3.1	9	37	0.1	8	5	
A 246.90	249.90	12516	2.9	3.0	10	55	0.1	5	5	
A 249.90	253.00	12517	3.0	3.1	9	26	0.1	9	2	
A 253.00	256.00	12518	2.9	3.0	4	26	0.1	7	2	
A 256.00	259.10	12519	2.9	3.1	15	58	0.1	25	7	
A 259.10	262.10	12520	2.9	3.0	12	32	0.1	7	4	
A 262.10	265.20	12522	3.0	3.1	20	63	0.1	19	9	
A 265.20	268.20	12523	2.9	3.0	100	88	0.1	20	12	
A 268.20	271.30	12524	3.0	3.1	75	37	0.1	14	3	
A 271.30	274.30	12525	2.9	3.0	22	54	0.1	21	5	
A 274.30	277.40	12526	2.8	3.1	17	102	0.1	21	18	
A 277.40	280.40	12527	2.9	3.0	30	39	0.1	26	4	
A 280.40	283.50	12528	2.5	3.1	129	26	0.1	9	2	
A 283.50	286.50	12529	2.9	3.0	31	31	0.1	12	5	
A 286.50	289.50	12530	1.5	3.0	9	121	0.1	29	26	
A 289.50	292.60	12531	2.9	3.1	20	63	0.1	7	7	
A 292.60	296.30	12532	3.2	3.7	33	32	0.1	1	1	

C E.O.H. @ 296.30m

DDH LL92-12 SURVEY LOG

H DDHID : LL92-12  
 H LOGGED BY : DJH  
 H DATE : JUN 92  
 H CORE SIZE : TWBQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

	FROM (m)	TO (m)	AZM. V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	125.0	178.0 -72.0	9918.0	9049.0	990.0

DDH LL92-12 SUMMARY LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	COMMENTS
L	0.0	30.50	OVBN	:triconed - no core
L	30.50	31.70	CNGL	:med grey/white, mod <vns, weak QZ+MS altn; w/ tuff- :aceous? matrix; 4-6% PY in patches, diss, <vns
L	31.70	39.60	TFXT?	:med grey/white, weak <vn, weak QZ+MS altn; CY altered :xtl frags; 4-6% PY in <vns, vnlts, diss, patches;
L	39.60	125.00	SDST	:pale grey/white, weak <vns (except loc bxia), weak QZ+ :MS altn; 2-7% PY in <vns, vnlts, diss, and occ patches :pale tan STST 48.6-51.7, 88.4-91.4, 97.5-100.6, and :121.9-125.0; v rare QZ vnlts; bxia zone 85.3-91.4 w/ :30-70% PY+/-QZ matrix; 60% clay gouge 121.9-125.0 :(fault zone?)
C				:E.O.H. @ 125.0 m; hole stopped due to drilling :conditions

## DDH LL92-12 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 30.50	33.50	12533	2.5	3.0	18	17	0.1	15	2	
A 33.50	36.60	12534	2.7	3.0	5	167	0.1	58	38	
A 36.60	39.60	12535	2.7	3.1	1	142	0.1	64	30	
A 39.60	42.70	12536	2.8	3.0	8	12	0.1	34	1	
A 42.70	45.70	12537	1.6	3.1	1	15	0.1	23	1	
A 45.70	48.80	12538	1.5	3.0	5	13	0.1	13	1	
A 48.80	51.80	12539	1.3	3.1	1	7	0.1	13	1	
A 51.80	54.90	12540	0.3	3.1	9	20	0.1	10	1	
A 54.90	57.90	12541	2.7	3.0	11	148	0.1	36	43	
A 57.90	61.00	12542	1.7	3.1	18	26	0.1	20	4	
A 61.00	64.00	12543	2.5	3.0	6	30	0.1	9	3	
A 64.00	67.10	12544	2.8	3.1	5	43	0.1	39	6	
A 67.10	70.10	12545	2.7	3.0	9	73	0.1	50	15	
A 70.10	73.10	12546	1.5	3.0	3	5	0.1	12	1	
A 73.10	76.20	12547	2.5	3.1	1	13	0.1	15	3	
A 76.20	79.20	12548	2.9	3.0	7	22	0.1	18	5	
A 79.20	82.30	12549	2.8	3.1	1	9	0.1	12	1	
A 82.30	85.30	12550	2.9	3.0	1	9	0.1	7	1	
A 85.30	88.40	12551	2.4	3.1	1	12	0.1	641	1	
A 88.40	91.40	12552	2.3	3.0	1	39	0.1	718	11	
A 91.40	94.50	12553	1.5	3.1	6	14	0.1	24	1	
A 94.50	97.50	12554	2.6	3.0	1	9	0.1	6	1	
A 97.50	100.60	12555	2.1	3.1	7	11	0.1	10	1	
A 100.60	103.60	12556	1.7	3.0	2	14	0.1	6	1	
A 103.60	106.70	12557	2.9	3.1	10	9	0.1	14	1	
A 106.70	109.70	12558	2.7	3.0	1	12	0.1	5	1	
A 109.70	112.80	12559	2.7	3.1	1	10	0.1	32	2	
A 112.80	115.80	12560	2.9	3.0	8	9	0.1	16	2	
A 115.80	118.90	12561	2.7	3.1	7	14	0.1	23	4	
A 118.90	121.90	12562	1.0	3.0	1	12	0.1	124	18	
A 121.90	125.00	12563	0.2	3.1	3	76	0.1	54	10	
C E.O.H. @ 125.3 m										

## DDH LL92-13 SURVEY LOG

H DDHID : LL92-13  
 H LOGGED BY : DJH  
 H DATE : JUN 92  
 H CORE SIZE : TWBQ  
 H PROPERTY : LOUISE LAKE  
 H GRID AZM. : 000

	FROM (m)	TO (m)	AZM. V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	82.3	180.0 -60.0	9928.0	9285.0	994.0

## DDH LL92-13 SUMMARY LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	COMMENTS
L	0.0	12.20	OVBN	:triconed - no core
L	12.20	71.30	SDST	:pale grey/white, weak to mod <vns, weak QZ+MS altn; :occ pebbles and cobbles; grades loc to STST; 2-6% PY :in <vns, vnlts, vns, diss; tr MO in QZ+PY vnlts; loc :tr diss TN; occ QZ+PY vnlts and vns; rare QZ+PY stock- :work zones; 0.5 m FLP* between 45.7- 48.8 m;
L	71.30	82.30	STST	:med grey/tan, strong <vns, mod QZ+MS altn; 3-5% PY in :vnlts, <vns, diss; tr diss TN; occ QZ+PY+/-MO vnlts; :major post mineral bxia zone starts at 75.0 m (fault :zone?); :E.O.H. @ 82.3 m ; rods broke off
C				

## DDH LL92-13 ASSAY LOG

FROM (m)	TO (m)	SAMP#	REC. (m)	INT. (m)	MO ppm	CU ppm	AG ppm	AS ppm	SB ppm	AU ppb
A 12.20	15.20	12564	2.8	3.0	10	173	0.1	202	33	
A 15.20	18.30	12565	2.7	3.1	13	161	0.1	96	27	
A 18.30	21.30	12566	2.9	3.0	15	107	0.1	109	24	
A 21.30	24.40	12567	2.8	3.1	13	247	0.1	104	98	
A 24.40	27.40	12568	2.7	3.0	43	137	0.1	193	30	
A 27.40	30.50	12569	2.9	3.1	34	160	0.1	92	34	
A 30.50	33.50	12570	2.8	3.0	6	259	0.1	173	65	
A 33.50	36.60	12571	2.9	3.1	17	215	0.2	128	43	
A 36.60	39.60	12572	2.8	3.0	9	174	0.1	204	23	
A 39.60	42.70	12573	2.8	3.1	13	213	0.1	157	37	
A 42.70	45.70	12574	2.8	3.0	9	186	0.1	77	47	
A 45.70	48.80	12575	3.0	3.1	24	381	0.1	139	84	
A 48.80	51.80	12576	2.9	3.0	19	264	0.1	90	56	
A 51.80	54.90	12577	2.8	3.1	61	462	0.1	219	115	
A 54.90	57.90	12578	2.9	3.0	57	401	0.1	113	68	
A 57.90	61.00	12579	2.8	3.1	24	493	0.1	177	82	
A 61.00	64.00	12580	2.8	3.0	10	427	0.1	166	97	
A 64.00	67.10	12581	2.9	3.1	52	671	0.2	236	124	
A 67.10	70.10	12582	2.9	3.0	24	981	0.1	269	181	
A 70.10	73.10	12583	2.8	3.0	26	1092	0.1	228	189	
A 73.10	76.20	12584	2.7	3.1	21	680	0.1	136	122	
A 76.20	79.20	12585	2.5	3.0	19	397	0.1	85	64	
A 79.20	82.30	12586	2.3	3.1	22	525	0.1	148	27	
C E.O.H.	@ 82.3 m (rods broke off)									

**APPENDIX II**  
**MIN-EN LABORATORIES**  
**31 ELEMENT ICP RESULTS**







COMP: EQUITY SILVER MINES  
PROJ: S392-0017  
ATTN: D.HANSON

**MIN-EN LABS — ICP REPORT**  
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
(604)980-5814 OR (604)988-4524

FILE NO: 2S-0041-RJ3  
DATE: 92/03/27  
\* CORE \* (ACT:F31)







COMP: EQUITY SILVER MINES

PROJ: 1

ATTN: DARRYL HANSON

## MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 OR (604)988-4524

FILE NO: 2S-0056-RJ14

DATE: 92/04/14

• CORE \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
v 13977	.1	7400	844	15	97	.5	4	970	.1	28	2253	46130	3600	3	1010	13	130	340	2	340	18	2	100	1	14	16.3	40	1	1	4	74
v 13978	.7	10710	1047	20	149	.6	5	820	.1	26	2847	33820	4610	5	1060	18	384	420	1	370	17	4	122	1	12	19.1	98	2	1	7	136
v 13979	.9	11320	1156	14	167	.5	7	650	.1	26	3165	34100	5320	4	1330	13	134	330	2	330	17	4	105	1	17	17.3	63	2	1	4	75
v 13980	1.8	11790	1565	15	169	.4	7	1100	.1	22	3948	33810	5560	4	1540	37	158	330	6	470	17	5	120	1	21	23.0	78	1	1	6	126
v 13981	1.6	7730	1008	13	168	.4	9	880	.1	26	2682	33250	4160	2	1110	12	193	390	5	260	14	3	66	1	11	16.3	69	1	1	4	67
v 13982	.5	8690	703	12	226	.5	5	970	.1	28	2094	33940	4540	3	1510	420	157	360	3	230	13	4	54	1	13	19.6	64	1	1	4	87
v 13983	.9	6920	911	10	150	.4	5	430	.1	24	2555	22300	4000	2	990	14	164	280	5	80	11	6	31	1	10	11.2	32	1	1	4	73
v 13984	.6	6970	693	10	120	.3	3	330	.1	26	1857	30440	3710	3	810	6	112	290	5	40	9	6	29	1	11	11.9	33	1	1	3	56
v 13985	.7	7120	992	15	116	.3	5	330	.1	29	2591	32380	3820	3	1060	8	523	250	4	100	13	11	43	1	12	12.7	92	2	1	3	68
v 13986	.6	10580	792	13	146	.5	4	290	.1	23	2239	24280	4830	4	1190	7	148	260	7	130	12	8	46	1	19	16.9	32	1	1	3	48
v 13987	.7	10760	635	9	143	.5	3	380	.1	20	1873	30020	5200	5	1620	24	118	250	5	70	16	6	28	1	21	18.4	27	2	1	2	45
v 13988	41.7	12010	1776	11	160	.5	48	720	4.2	22	5947	29010	6290	4	1830	24	130	300	3	260	395	611	61	1	22	21.9	732	1	1	3	47
v 13989	.7	10490	821	10	155	.4	8	1230	.1	26	2551	41030	5620	3	2240	769	126	270	1	310	36	6	65	1	26	38.3	82	1	1	3	50
v 13990	.1	14920	641	12	196	.5	2	1000	.1	25	2037	52480	7400	5	3330	970	124	300	1	120	17	3	36	1	44	44.9	109	1	1	2	38
v 13991	.1	15080	760	11	168	.5	4	790	.1	24	2299	50280	8080	4	3420	623	156	330	1	80	21	12	28	1	49	36.7	90	1	1	3	52
v 13992	.2	13280	776	10	178	.5	4	1080	.1	22	2255	40160	7340	2	2780	507	130	380	3	140	25	10	38	1	45	33.4	74	2	1	3	51
v 13993	20.5	11620	947	8	164	.4	13	950	.1	22	2752	41030	6550	1	2390	336	91	340	1	190	33	3	40	1	41	26.9	101	1	1	2	43
v 13994	.1	13520	498	12	81	.4	2	980	.1	26	1535	59250	7240	2	2170	139	277	370	1	260	26	1	51	1	43	26.3	35	1	1	4	69
v 13995	.2	13160	737	9	121	.4	3	610	.1	24	2076	50210	7640	1	2640	329	91	340	1	110	15	1	27	1	58	26.0	54	1	1	2	40
v 13996	1.2	11810	1275	10	215	.5	6	1760	.1	18	4106	54950	6310	3	3010	923	142	280	1	410	32	4	58	1	49	34.9	136	1	1	4	58
v 13997	.5	9970	1018	8	184	.5	5	890	.1	24	3018	48060	5690	3	2660	533	147	270	1	220	21	4	42	1	45	28.8	115	1	1	4	64
v 13998	.1	9010	961	9	129	.4	4	1170	.1	22	2935	51600	5170	1	1960	328	165	280	1	280	24	3	42	1	32	24.7	83	1	1	4	83
v 13999	.4	6820	1112	7	97	.3	4	770	.1	24	3194	49950	4140	1	1440	188	125	250	1	170	14	4	29	1	23	16.2	67	1	1	3	38
v 14000	.1	8890	593	9	98	.5	3	1340	.1	25	1718	48390	4980	1	1460	32	136	290	1	440	15	11	61	1	26	13.5	21	1	1	3	66







COMP: EQUITY SILVER MINES

• PROJ: S 392-0017

ATTN: DARRYL HANSON

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 OR (604)988-4524

FILE NO: 2S-0056-RJ7

DATE: 92/04/12

\* CORE \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
✓13769	.1 3690	53	12	110	.5	1	550	.1	12	110	45970	1720	2	480	5	5	460	1	40	13	2	32	1	5	4.0	51	1	1	3	68	
✓13770	.1 4300	42	13	90	.5	1	480	.1	16	28	49950	1300	6	140	1	1	210	1	80	7	1	39	1	5	5.9	11	1	1	3	78	
✓13771	.1 3250	34	9	82	.4	1	460	.1	14	40	44500	1710	1	150	1	3	270	1	70	6	1	21	1	6	5.2	13	1	1	3	70	
✓13772	.1 4050	27	9	101	.3	1	380	.1	10	29	43430	2100	1	180	1	4	330	1	50	11	2	19	2	8	4.3	15	1	1	4	98	
✓13773	.1 3180	20	8	86	.3	1	340	.1	11	19	45260	1780	1	130	1	3	300	1	40	8	1	15	1	6	3.5	10	1	1	3	65	
✓13774	.1 5420	60	10	124	.4	2	350	.1	10	147	43550	2480	1	270	1	5	470	1	50	9	5	20	1	10	5.2	43	1	1	4	110	
✓13775	.1 3470	27	8	95	.3	2	380	.1	12	49	46310	1690	1	230	1	3	400	1	40	9	2	18	1	6	4.0	29	1	1	3	65	
✓13776	.1 5100	28	7	71	.3	2	530	.1	7	21	28490	1250	7	140	2	11	280	1	140	5	2	349	2	7	4.0	8	2	1	5	116	
✓13777	.1 3600	36	8	86	.4	1	670	.1	10	73	42220	1710	1	180	1	4	370	1	140	5	2	32	1	7	3.9	26	1	1	3	72	
✓13778	.1 5250	35	10	110	.5	2	500	.1	10	78	38950	2050	2	280	1	4	530	1	90	9	3	31	1	7	5.2	32	1	1	4	95	
✓13779	.5 4400	78	10	137	.4	1	2510	.1	12	126	52230	1890	2	240	1	2	380	1	660	27	7	68	1	5	5.5	62	1	1	4	91	
✓13780	.1 7530	65	13	226	.6	2	1420	.1	10	98	39890	1970	5	300	1	4	460	1	440	24	8	95	1	7	8.2	42	1	1	5	122	
✓13781	.1 7580	70	17	165	.7	1	4380	.1	18	68	61710	2140	3	280	1	3	740	1	1410	13	4	126	1	8	11.4	17	1	1	4	97	
✓13782	.1 7290	44	18	168	.6	1	1250	.1	14	27	46310	1740	5	160	1	2	630	2	70	8	4	68	1	9	8.9	7	1	1	3	73	
✓13783	.1 5960	22	11	125	.5	1	990	.1	16	16	42410	1840	5	160	1	1	430	1	140	7	1	73	1	8	6.7	7	1	1	3	75	
✓13784	.1 4040	26	8	99	.4	1	1190	.1	14	10	42710	770	7	210	1	1	360	1	90	2	1	57	1	5	4.8	5	1	1	2	48	
✓13785	.1 3640	32	8	88	.4	1	740	.1	17	12	48300	1290	2	110	1	2	270	1	110	5	1	40	1	6	6.6	8	1	1	4	91	
✓13786	.1 4160	24	7	174	.4	1	550	.1	13	7	29790	2070	1	160	1	3	390	4	90	5	3	45	1	7	5.4	9	2	1	3	60	
✓13787	.1 4110	29	10	160	.5	2	490	.1	13	11	42010	1830	1	150	1	2	340	1	90	2	2	43	1	7	5.6	6	1	1	3	63	
✓13788	.1 3950	20	8	114	.5	1	480	.1	15	13	55060	2080	1	140	1	1	290	1	90	6	1	42	1	7	6.9	9	1	1	3	81	
✓13789	.1 3420	43	8	85	.4	1	1000	.1	15	15	60590	1760	1	140	1	1	250	1	210	6	1	48	1	6	6.8	14	1	1	4	110	
✓13790	.1 3570	24	8	75	.5	1	460	.1	15	22	48750	1760	1	180	1	1	190	1	40	5	2	42	1	7	6.5	10	1	1	3	62	
✓13791	.1 5070	33	8	122	.4	1	580	.1	14	37	40670	2320	2	220	1	3	280	2	100	10	4	43	1	10	7.2	12	1	1	4	97	
✓13792	.1 3080	37	8	94	.5	1	670	.1	15	23	61720	1670	1	160	1	1	290	1	110	6	2	41	1	6	6.0	14	1	1	4	92	

24









COMP: EQUITY SILVER MINES

PROJ:

ATTN: DARYL HANSON

**MIN-EN LABS — ICP REPORT**  
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
 (604)980-5814 OR (604)988-4524

FILE NO: 2S-0103-RJ1+2

DATE: 92/07/08

\* ROCK \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	
LL-TK 92-01	.1	8920	4	9	162	.7	1	2290	6.5	6	40	29220	1580	8	1140	4567	1	290	1	900	57	1	9	1	11	41.6	1718	1	1	1	51	
98-62.5N 86+42E	.1	13780	10	10	385	1.1	1	23970	.1	8	32	30980	2160	11	7840	3311	1	200	1	1610	20	1	43	2	41	41.5	263	1	1	1	49	
97+50N 86+63.5E	.1	6320	9	9	271	.9	1	17220	.1	10	2	29790	930	5	3370	1275	1	310	1	1460	11	1	26	1	5	53.2	93	1	1	1	42	
12441	.1	4800	87	14	118	1.2	1	820	.1	23	12	54960	1440	5	180	1	1	80	85	190	1	10	107	1	5	6.8	11	1	1	1	59	
12442	.1	4610	71	17	148	1.1	1	850	.1	20	11	53170	1790	2	200	1	1	110	1	300	4	7	171	1	6	4.6	15	1	1	1	79	
12443	.1	3100	88	15	111	.8	1	270	.1	17	6	47330	1710	1	110	1	1	60	28	50	2	8	38	1	8	3.7	6	1	1	3	136	
12444	.1	3910	35	13	82	.8	1	210	.1	15	5	38780	1310	7	70	1	1	70	52	40	1	1	44	1	5	2.6	5	1	1	2	107	
12445	.1	4880	133	15	63	1.2	1	180	.1	25	8	56370	1030	9	70	1	1	3	60	79	10	1	5	47	1	7	2.8	3	1	1	1	71
12446	.1	3520	15	15	58	1.5	1	200	.1	47	15	104750	1360	4	120	1	1	60	105	10	1	1	27	1	8	5.1	2	1	1	1	82	
12447	.1	3430	40	14	91	.7	1	150	.1	16	3	37530	1650	1	110	1	1	70	40	10	1	1	26	1	9	4.0	12	1	1	1	89	
12448	.1	3430	74	12	91	1.0	1	220	.1	17	6	54660	1550	1	110	1	1	70	32	20	1	2	29	1	8	3.5	9	1	1	4	139	
12449	.1	3240	60	9	93	.9	1	240	.1	13	6	53010	1790	1	140	1	1	70	33	10	1	1	23	1	9	3.7	36	1	1	4	164	
12450	.1	2900	15	6	116	.5	1	220	.1	13	3	28070	1890	1	130	5	1	70	34	20	1	1	22	1	10	3.3	24	1	1	2	111	
12451	.1	3290	7	6	109	.5	1	120	.1	15	4	30170	2080	1	160	12	1	90	34	20	1	1	15	1	10	4.1	7	1	1	6	185	
12452	.1	2820	97	5	139	.9	1	210	.1	13	9	47770	1580	1	110	1	1	70	28	30	3	5	28	1	7	2.9	12	1	1	3	133	
12453	.1	4800	15	5	102	.7	1	190	.1	12	5	37270	1910	3	160	12	1	80	26	10	1	1	24	1	11	5.1	8	1	1	7	214	
12454	.1	3620	5	7	124	.6	1	200	.1	16	3	27940	2220	1	140	7	1	90	48	40	1	1	20	1	14	4.7	6	1	1	4	140	
12455	.1	3000	32	5	81	.5	1	110	.1	19	3	30970	1840	1	80	5	1	100	23	10	1	1	18	1	9	3.0	5	1	1	4	144	
12456	.1	3540	19	4	222	.5	1	170	.1	13	3	28460	2210	1	90	12	1	80	30	40	1	1	14	1	12	4.2	6	1	1	6	202	
12457	.1	3750	76	3	117	.7	1	210	.1	17	5	43870	2200	1	110	4	1	80	59	30	4	2	15	1	15	4.8	17	1	1	5	165	
12458	.1	3320	135	1	35	1.2	1	350	.1	16	34	92670	620	4	30	1	1	50	11	50	1	9	20	1	2	1.2	2	1	1	1	101	
12459	.1	2390	16	1	63	.4	1	80	.1	12	2	24270	1430	1	60	6	1	50	25	10	1	1	9	1	8	2.2	3	1	1	2	114	
12460	.1	2440	43	1	59	.7	1	100	.1	14	3	41860	1500	1	70	1	1	60	22	10	1	1	8	1	9	2.5	2	1	1	3	123	
12461	.1	2980	43	3	63	.6	1	120	.1	15	6	42050	1730	1	90	3	1	70	34	10	1	1	15	1	10	3.6	2	1	1	4	144	
12462	.1	3480	21	2	63	.4	1	160	.1	14	17	24640	1930	1	200	1	1	60	58	30	1	1	18	1	10	3.8	4	1	1	1	77	
12463	.1	3330	47	2	84	1.1	1	200	.1	22	16	67190	1970	1	130	1	1	80	15	10	1	1	11	3.3	3	1	1	6	198			
12464	.1	3520	67	1	99	.9	1	240	.1	11	12	54430	1750	1	150	1	1	70	22	30	1	5	15	1	11	3.8	4	1	1	3	142	









**MINERAL  
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**VANCOUVER OFFICE:**  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9621

**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

**2S-0050-RA1**

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: D. HANSON

Date: APR-16-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify the following Assay of 5 CORE samples  
submitted APR-06-92 by D. HANSON.**

Sample Number	*AU g/tonne	*AU oz/ton	CU %
✓13539	.14	.004	.135
✓13541	.16	.005	.192
✓13553	.02	.001	.004
✓13554	.05	.001	.044
✓13559	.04	.001	.013

\*AU - 1 ASSAY TON.

*Certified by*



D. H. Farley

MIN-EN LABORATORIES



**MINERAL  
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LABORATORIES**  
(DIVISION OF ASSAYERS CORP.)

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SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

**2S-0050-PA1**

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: D.HANSON

Date: APR-08-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify the following Assay of 20 PULP samples  
submitted APR-06-92 by D.HANSON.**

Sample Number	AU g/tonne	AU oz/ton	CU %
✓13693	.29	.008	.247
✓13694	.19	.006	.197
✓13695	.23	.007	.240
✓13696	.22	.006	.231
✓13697	.27	.008	.284
✓13698	.28	.008	.303
✓13699	.20	.006	.213
✓13700	.33	.010	.350
✓13701	.35	.010	.362
✓13702	.31	.009	.315
✓13703	.34	.010	.334
✓13704	.36	.011	.352
✓13705	.43	.013	.475
✓13706	.42	.012	.416
✓13707	.40	.012	.483
✓13709	.46	.013	.420
✓13710	.41	.012	.385
✓13711	.38	.011	.364
✓13712	.38	.011	.412

*Certified by*

**MIN-EN LABORATORIES**



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705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9621

**SMITHERS LAB.:**  
3178 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2S-0041-RA1

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: D.HANSON

Date: APR-08-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**I hereby certify** the following Assay of 24 CORE samples submitted APR-06-92 by D.HANSON.

Sample Number	*AU g/tonne	*AU oz/ton
✓ 13377	.31	.009
✓ 13378	.23	.007
✓ 13379	.16	.005
✓ 13380	.12	.004
✓ 13381	.17	.005
✓ 13382	.35	.010
✓ 13383	.28	.008
✓ 13384	.18	.005
✓ 13385	.14	.004
✓ 13386	.20	.006
✓ 13387	.17	.005
✓ 13388	.18	.005
✓ 13389	.25	.007
✓ 13390	.17	.005
✓ 13391	.20	.006
✓ 13392	.15	.004
✓ 13393	.09	.003
✓ 13394	.15	.004
✓ 13395	.18	.005
✓ 13396	.16	.005
✓ 13397	.15	.004
✓ 13398	.20	.006
✓ 13399	.18	.005
✓ 13400	.22	.006

\*AU - 1 ASSAY TON.

Certified by

  
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**VANCOUVER OFFICE:**  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9821

**SMITHERS LAB.:**  
3178 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

2S-0041-RA2

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: D.HANSON

Date: APR-08-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify the following Assay of 24 CORE samples  
submitted APR-06-92 by D.HANSON.**

Sample Number	*AU g/tonne	*AU oz/ton
✓ 13401	.26	.008
✓ 13402	.03	.001
✓ 13403	.13	.004
✓ 13404	.15	.004
✓ 13405	.07	.002
✓ 13406	.11	.003
✓ 13407	.11	.003
✓ 13408	.08	.002
✓ 13409	.09	.003
✓ 13410	.12	.004
✓ 13411	.12	.004
✓ 13412	.13	.004
✓ 13413	.20	.006
✓ 13414	.15	.004
✓ 13415	.21	.006
✓ 13416	.24	.007
✓ 13417	.16	.005
✓ 13418	.16	.005
✓ 13419	.20	.006
✓ 13420	.13	.004
✓ 13421	.19	.006
✓ 13422	.21	.006
✓ 13423	.26	.008
✓ 13424	.22	.006

\*AU - 1 ASSAY TON.

Certified by



MIN-EN LABORATORIES



**MINERAL  
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(DIVISION OF ASSAYERS CORP.)

**SPECIALISTS IN MINERAL ENVIRONMENTS**  
CHEMISTS \*\*ASSAYERS \*\*ANALYSTS \*\*GEOCHEMISTS

**VANCOUVER OFFICE:**  
705 WEST 16TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9821

**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

**2S-0039-RA1**

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: DARYL HANSON

Date: MAR-19-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify the following Assay of 24 CORE samples submitted MAR-16-92 by DARYL HANSON.**

Sample Number	*AU g/tonne	*AU oz/ton
✓ 13321	.15	.004
✓ 13322	.06	.002
✓ 13323	.06	.002
✓ 13324	.05	.001
✓ 13325	.02	.001
✓ 13326	.03	.001
✓ 13327	.11	.003
✓ 13328	.17	.005
✓ 13329	.12	.004
✓ 13330	.07	.002
✓ 13331	.05	.001
✓ 13332	.05	.001
✓ 13333	.05	.001
✓ 13334	.03	.001
✓ 13335	.03	.001
✓ 13336	.04	.001
✓ 13337	.07	.002
✓ 13338	.04	.001
✓ 13339	.04	.001
✓ 13340	.06	.002
✓ 13341	.05	.001
✓ 13342	.40	.012
✓ 13343	.12	.004
✓ 13344	.09	.003

\*AU - 1 ASSAY TON.

Certified by

*Daryl Dang*

MIN-EN LABORATORIES



**MINERAL  
ENVIRONMENTS  
LABORATORIES**  
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS  
CHEMISTS - ASSAYERS - ANALYSTS - GEOCHEMISTS

**VANCOUVER OFFICE:**

705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
FAX (604) 980-9821

**SMITHERS LAB.:**

3178 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

**2S-0039-RA3**

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: DARYL HANSON

Date: MAR-19-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

I hereby certify the following Assay of 8 CORE samples submitted MAR-16-92 by DARYL HANSON.

Sample Number	*AU g/tonne	*AU oz/ton
✓ 13369	.09	.003
✓ 13370	.09	.003
✓ 13371	.05	.001
✓ 13372	.08	.002
✓ 13373	.03	.001
✓ 13374	.07	.002
✓ 13375	.15	.004
✓ 13376	.22	.006

\*AU - 1 ASSAY TON.

Certified by

MIN-EN LABORATORIES



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FAX (604) 980-9821

**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

2S-0041-RA3

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: D.HANSON

Date: APR-08-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify the following Assay of 24 CORE samples  
submitted APR-06-92 by D.HANSON.**

Sample Number	*AU g/tonne	*AU oz/ton
✓ 13425	.21	.006
✓ 13426	.23	.007
✓ 13427	.34	.010
✓ 13428	.44	.013
✓ 13429	.60	.018
✓ 13430	.45	.013
✓ 13431	.45	.013
✓ 13432	.49	.014
✓ 13433	.37	.011
✓ 13434	.13	.004
✓ 13435	.12	.004
✓ 13436	.11	.003
✓ 13437	.11	.003
✓ 13438	.10	.003
✓ 13439	.10	.003
✓ 13440	.11	.003
✓ 13441	.12	.004
✓ 13442	.15	.004
✓ 13443	.10	.003
✓ 13444	.07	.002
✓ 13445	.06	.002
13446	.09	.003
✓ 13447	.01	.001
✓ 13448	.01	.001

\*AU - 1 ASSAY TON.

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**SMITHERS LAB.:**

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SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

2S-0039-RA1

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: DARYL HANSON

Date: MAR-19-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify the following Assay of 24 CORE samples  
submitted MAR-16-92 by DARYL HANSON.**

Sample Number	*AU g/tonne	*AU oz/ton
✓ 13321	.15	.004
✓ 13322	.06	.002
✓ 13323	.06	.002
✓ 13324	.05	.001
✓ 13325	.02	.001
✓ 13326	.03	.001
✓ 13327	.11	.003
✓ 13328	.17	.005
✓ 13329	.12	.004
✓ 13330	.07	.002
✓ 13331	.05	.001
✓ 13332	.05	.001
✓ 13333	.05	.001
✓ 13334	.03	.001
✓ 13335	.03	.001
✓ 13336	.04	.001
✓ 13337	.07	.002
✓ 13338	.04	.001
✓ 13339	.04	.001
✓ 13340	.06	.002
✓ 13341	.05	.001
✓ 13342	.40	.012
✓ 13343	.12	.004
✓ 13344	.09	.003

\*AU - 1 ASSAY TON.

*Certified by*

*Mervin J. Dury*  
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**SMITHERS LAB.:**

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SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

**2S-0039-RA3**

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: DARYL HANSON

Date: MAR-19-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify the following Assay of 8 CORE samples submitted MAR-16-92 by DARYL HANSON.**

Sample Number	*AU g/tonne	*AU oz/ton
✓ 13369	.09	.003
✓ 13370	.09	.003
✓ 13371	.05	.001
✓ 13372	.08	.002
✓ 13373	.03	.001
✓ 13374	.07	.002
✓ 13375	.15	.004
✓ 13376	.22	.006

\*AU - 1 ASSAY TON.

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**SMITHERS LAB.:**  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

**2S-0039-RA2**

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: DARYL HANSON

Date: MAR-19-92

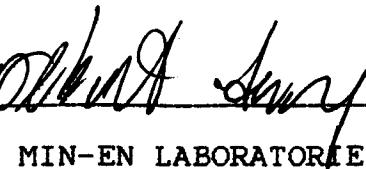
Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify the following Assay of 24 CORE samples submitted MAR-16-92 by DARYL HANSON.**

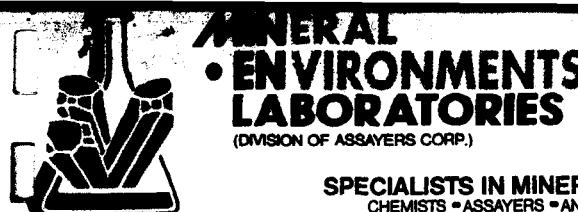
Sample Number	*AU g/tonne	*AU oz/ton
✓13345	.04	.001
✓13346	.04	.001
✓13347	.02	.001
✓13348	.04	.001
✓13349	.03	.001
✓13350	.02	.001
✓13351	.03	.001
✓13352	.05	.001
✓13353	.03	.001
✓13354	.05	.001
✓13355	.06	.002
✓13356	.06	.002
✓13357	.10	.003
✓13358	.08	.002
✓13359	.10	.003
✓13360	.09	.003
✓13361	.09	.003
✓13362	.09	.003
✓13363	.08	.002
✓13364	.08	.002
✓13365	.04	.001
✓13366	.11	.003
✓13367	.07	.002
✓13368	.14	.004

\*AU - 1 ASSAY TON.

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SMITHERS LAB.:  
3176 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

Assay Certificate

2S-0056-RA1

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: D. HANSON

Date: APR-20-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

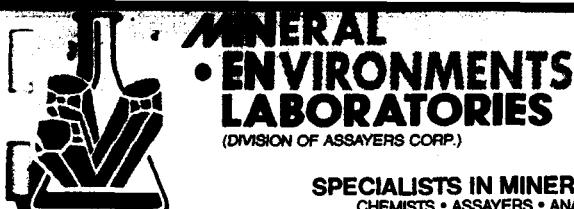
We hereby certify the following Assay of 22 CORE samples submitted APR-06-92 by D. HANSON.

Sample Number	*AU g/tonne	*AU oz/ton	CU %
✓ 13121	.26	.008	.282
✓ 13122	.18	.005	.271
✓ 13123	.17	.005	.229
✓ 13124	.27	.008	.207
✓ 13125	.15	.004	.207
✓ 13126	.09	.003	.153
✓ 13127	.15	.004	.081
✓ 13128	.10	.003	.103
✓ 13129	.12	.004	.154
✓ 13130	.20	.006	.173
✓ 13131	.09	.003	.136
✓ 13132	.12	.004	.156
✓ 13133	.10	.003	.136
✓ 13134	.09	.003	.142
✓ 13535	.12	.004	.107
✓ 13536	.14	.004	.113
✓ 13537	.16	.005	.119
✓ 13538	.17	.005	.122
✓ 13540	.16	.005	.138
✓ 13542	.15	.004	.118

\*AU = 1 ASSAY TON.

Certified by \_\_\_\_\_

*JL Caley*



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**SMITHERS LAB.:**

3178 TATLOW ROAD  
SMITHERS, B.C. CANADA V0J 2N0  
TELEPHONE (604) 847-3004  
FAX (604) 847-3005

**Assay Certificate**

**2S-0056-RA2**

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: D. HANSON

Date: APR-20-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify the following Assay of 20 CORE samples submitted APR-06-92 by D. HANSON.**

Sample Number	*AU g/tonne	*AU oz/ton	CU %	Zn %
✓13550	.03	.001	.001	
✓13551	.06	.002	.006	
✓13552	.08	.002	.042	
✓13553	.07	.002	.006	
✓13556	.06	.002	.014	
✓13557	.08	.002	.009	
✓13558	.07	.002	.017	
✓13560	1.92	.056	1.485	2.70
✓13561	.08	.002	.011	
✓13562	.07	.002	.009	
✓13563	.10	.003	.021	
✓13564	.03	.001	.007	
✓13708	.45	.013	.417	
✓13970	.07	.002	.116	
✓13971	.07	.002	.154	
✓13972	.08	.002	.104	
✓13973	.10	.003	.175	
✓13974	.22	.006	.207	
✓13975	.11	.003	.158	
✓13976	.10	.003	.158	

\*AU = 1 ASSAY TON.

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**SMITHERS LAB.:**  
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SMITHERS, B.C. CANADA V0J 2N0  
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FAX (604) 847-3005

**Assay Certificate**

2S-0056-RA3

Company: **EQUITY SILVER MINES**  
Project: S392-0017  
Attn: D. HANSON

Date: APR-20-92

Copy 1. EQUITY SILVER MINES, HOUSTON, B.C.

**We hereby certify** the following Assay of 24 CORE samples submitted APR-06-92 by D. HANSON.

Sample Number	*AU g/tonne	*AU oz/ton	CU %
✓13977	.18	.005	.242
✓13978	.16	.005	.285
✓13979	.22	.006	.324
✓13980	.20	.006	.390
✓13981	.18	.005	.261
✓13982	.11	.003	.200
✓13983	.13	.004	.249
✓13984	.14	.004	.194
✓13985	.11	.003	.249
✓13986	.15	.004	.224
✓13987	.17	.005	.183
✓13988	3.33	.097	.593
✓13989	.22	.006	.252
✓13990	.14	.004	.206
✓13991	.16	.005	.236
✓13992	.15	.004	.231
✓13993	.78	.023	.276
✓13994	.24	.007	.166
✓13995	.12	.004	.211
✓13996	.22	.006	.422
✓13997	.20	.006	.309
✓13998	.26	.008	.307
✓13999	.30	.009	.328
✓14000	.24	.007	.181

\*AU = 1 ASSAY TON.

Certified by \_\_\_\_\_

*JL Enley*

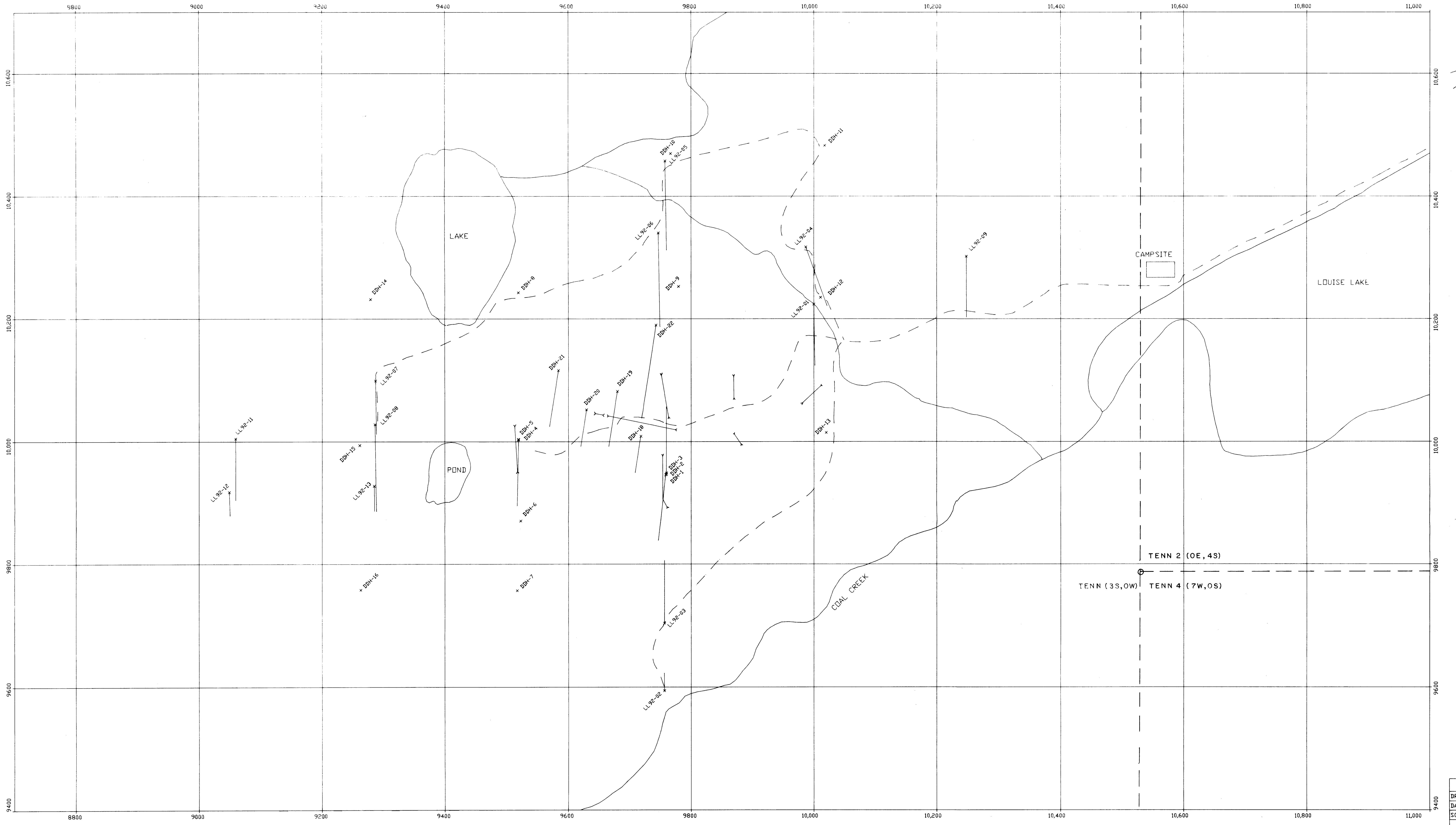
LOUISE LAKE PROPERTY  
DRILLHOLE PLAN

LEGEND

- - - DRILL ROAD
- - - STREAM
- × DIAMOND DRILLHOLE
- ↙ TRENCH

NOTES:

- 1) HOLE LOCATIONS NOT SURVEYED
- 2) COORDINATE SYSTEM IS BASED ON 1970 I.P. GRID



LOUISE LAKE PROPERTY  
THICKNESS ISOPACH MAP

LEGEND

- - - ISOPACH THICKNESS (METRES > 0.2% COPPER)

NOTES:

1) HOLE LOCATIONS NOT SURVEYED

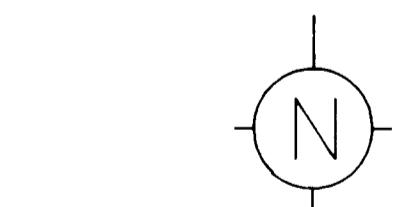
2) COORDINATES BASED ON 1970  
I.P. GRID

DATA PLOTTED ON THIS MAP:  
DIRECTORY: /EQUITY\_0D/USR/GL-DDH/LOUIS

FIELD FILE  
+ POINTS: DH LOUISE.COLLAR  
DH LOUISE.TRACK

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

22,563



EQUITY SILVER MINES LTD.	
LOUISE LAKE PROPERTY	
THICKNESS ISOPACH MAP	
DRAWN	EXP
DATE 92-07-28	
SCALE 1:2500	
NO. FIGURE 4	PLATE