LOG NO: March 21/91 RD.
ACTION:
FILE NO:

ASSESSMENT REPORT

FOR THE

1990 DIAMOND DRILLING

ON

CERTIFIED MINING LEASE No. 1

OMINECA MINING DIVISION

NTS 93 L/1

LATITUDE 54 10' N

LONGITUDE 126 15' W

OWNED BY: EQUITY SILVER MINES LIMITED

WORK BY: EQUITY SILVER MINES LIMITED

REPORT BY: D. J. HANSON

MARCH 1991

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SUMMARY

Equity Silver Mines Ltd. owns and operates a 10,000 tonne per day copper-silver-gold concentrator 40 kilometres southeast of Houston in west-central British Columbia.

In 1990 Equity drilled 1084.8 metres of NQ diamond drilling in three holes to test a potential down-dip mineralized zone southwest of the Main Zone Pit. Two hundred twenty samples were split and analyzed for copper, lead, zinc, silver, gold, arsenic, antimony and iron.

Results from the drilling indicate the potential for a small tonnage of high grade mineralization starting approximately 200 metres beneath the south end of the ultimate pit. The mineralization is open at depth.

This report documents expenditures by Equity Silver Mines Ltd. of $83,673.00 on Mining Lease #1 between February 6 and May 3, 1990.

INTRODUCTION

i) LOCATION and ACCESS

The Equity Silver minesite is located 40 km southeast of the town of Houston, British Columbia (see Figure 1). The minesite lies in the gentle, and occasionally steep, hills of the Nechako Plateau physiographic region. Access is gained to the property by an all-weather gravel road from Houston (see Figure 2). The drill-holes discussed in this report are located between the Southern Tail and Main Zone orebodies (see Figure 3). Access to the drillsites is via existing Main Zone access roads.

ii) CLAIM OWNERSHIP and STATUS

The Equity minesite property consists of Certified Mining Lease # 1 and Mining Lease # 6 surrounded by a block of 289 two-post mineral claims, 7 fractional claims, and 3 modified grid claims (43 units). In addition, 19 two-post claims and one fraction are jointly held with Teck Corporation and Pioneer Metals Corporation.

The drilling was conducted on Certified Mining Lease No. 1. This lease is wholly owned by Equity Silver Mines Limited and is not subject to any vendor agreement. For the purpose of recording assessment, several adjoining claims have been grouped to form the 90-1 group.

FIGURE 1 - MINESITE LOCATION

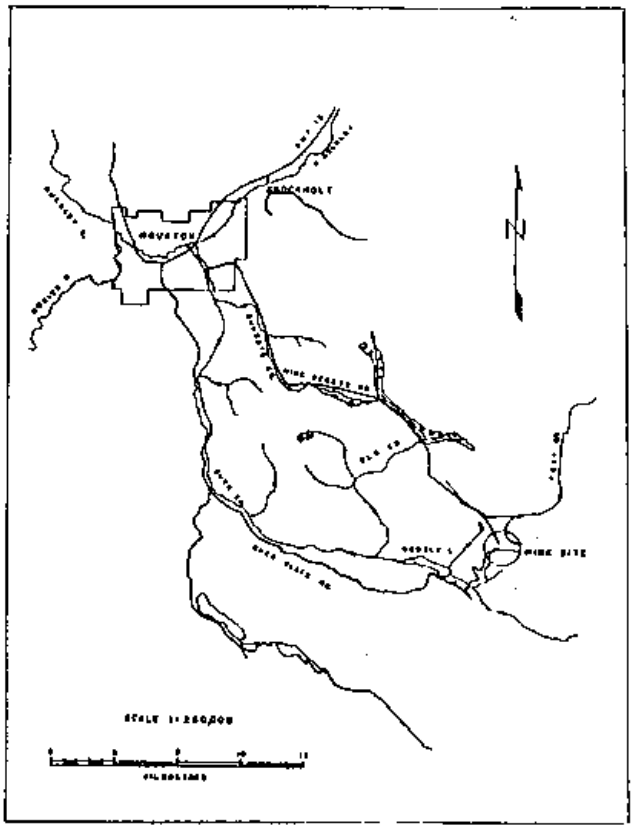

FIGURE 2 - MINESITE ACCESS

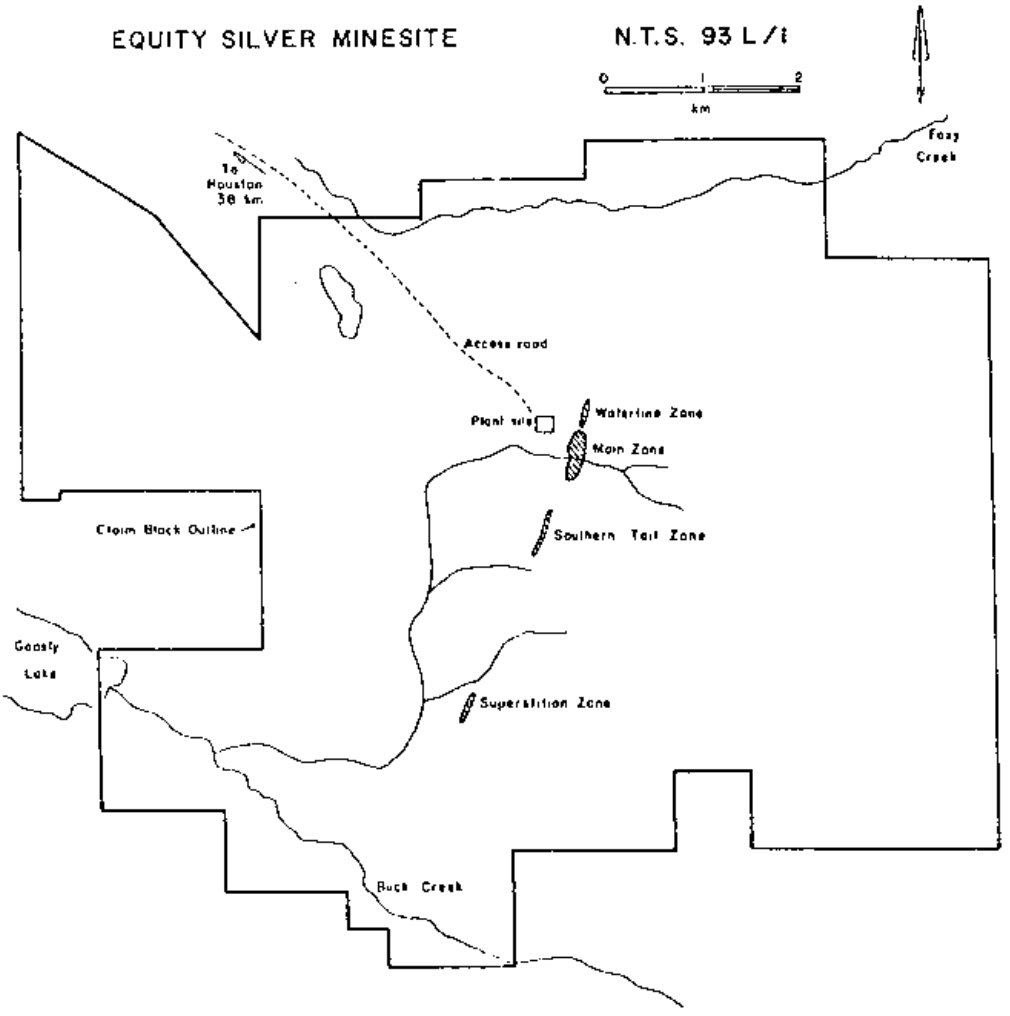

FIGURE 3 - PROPERTY LAYOUT

iii) CLAIM HISTORY

Equity Silver Mines Ltd. has been continuously operating an open pit mining and milling complex at this site since mid 1980. In 1986 the milling rate was increased from 5,500 to 10,000 tonnes per day.

Three ore deposits are known to occur on Certified Mining Lease # 1. The Southern Tail deposit has been mined out to the economic limit of an open pit. The Main Zone and Waterline Zone deposits are currently being mined by open pit methods. Main zone ore reserves as of January 1991 are 1.04 million tonnes at a grade of 0.21 % copper, 91 g/t silver, and 0.90 g/t gold. Waterline zone ore reserves as of January 1991 are 1.8 million tonnes at a grade of 0.30% copper, 85 g/t silver and 1.26 g/t gold.

iv) PURPOSE

Three NQ size diamond drill-holes totalling 1,084.8 metres were drilled at the south end of the Main Zone pit. All holes were collared outside the pit limit to test for a southerly plunging extension of the main mineralized structure and to test for high grade mineralization spatially related to a large quartz latite dyke. Both types of mineralization have been indicated either by previous diamond drilling or by pit mapping and blast-hole drilling. This program was part of a comprehensive effort to evaluate the underground potential of the mineralized zones.

PROPERTY DESCRIPTION

1) GEOLOGY

The geology of the Equity Silver property is briefly described below and illustrated on Figure 4. The reader is referenced to Cyr, et al. (1984) for a more detailed description.

The deposits occur in a homoclinal, Upper Jurassic to Cretaceous, inlier consisting of sedimentary, pyroclastic, and volcanic rocks flanked by intrusions and surrounded by younger, unconformable Tertiary andesitic to basaltic flows and flow breccias. Four stratigraphic conformable subdivisions, termed the Goosly sequence, are recognized in the inlier and consist of a basal conglomerate and argillite (Clastic division); intercalated sub-aerial tuffs and breccias (Pyroclastic division); interbedded volcanic conglomerate, sandstone, and bedded tuff (Sedimentary-Volcanic division); and andesite and dacite flows (Volcanic Flow division). The Goosly sequence has an overall strike of 015 degrees and dips moderately to the west.

A quartz monzonite stock (58 m.y.) to the west and a gabbro-monzonite complex (49 m.y.) to the east intrude the Goosly sequence. Post-mineral andesite and quartz latite dykes (49 m.y.) cross-cut the Goosly sequence and the gabbro-monzonite complex.

ii) MINERALIZATION

Economically significant Cu-Ag-Au mineralization occurs in three distinct zones designated the Main, Waterline, and Southern Tail orebodies (see Figure 4 and Figure 6). Pyrite is the most abundant sulfide throughout the Goosly sequence regionally and within the zones of Cu-Ag-Au mineralization in particular. The principal silver mineral is tetrahedrite with minor values contributed by a variety of argentiferous minerals. Chalcopyrite is the principal copper mineral with a smaller but significant portion in tetrahedrite.

The ore minerals are generally restricted to tabular zones subconcordant to host rock stratigraphy. They occur as disseminations, veins, fracture fillings, and locally as massive pods and matrix material in breccia zones. The primary ore control is structural, since "economic" sulphides tend to be best concentrated in zones of intense fracturing and brecciation.

It is believed the Cu-Ag-Au mineralization is epigenetic in origin. Intrusive activity resulted in the introduction of hydrothermal metal-rich solutions into the Pyroclastic division of the Goosly sequence. Sulphides introduced into permeable ash and lapilli tuffs of the Main and Waterline zones formed as stringers and disseminations which grade randomly into zones of massive sulphide. In the Southern Tail zone, sulphides formed as veins, fracture fillings, and breccia zones in the brittle, less permeable fine-grained dust tuff. Emplacement of post-mineral dykes into all types of sulphide-rich pyroclastic rocks resulted in remobilization and concentration of sulphides adjacent to intrusive contacts.

iii) ALTERATION

Alteration assemblages in the Goosly sequence are characterized by minerals rich in alumina, boron, and phosphorous. The distribution of various alteration zones is illustrated on Figure 5. Four types of alteration are recognized and briefly described below. The reader is referenced to Wojdak and Sinclair (1984) for a more detailed discussion.

1. Aluminous alteration is characterized by a suite of aluminous minerals including andalusite, corundum, pyrophyllite, and scorzalite. These alteration zones show a systematic spatial relationship to areas of mineral deposits.
2. Boron- bearing minerals consisting of tourmaline and dumortierite occur within ore zones and in the hanging wall section of the Goosly sequence.
3. Phosphorous-bearing minerals including scorzalite, apatite, augelite, and svanbergite occur in the hanging wall zone immediately above and intimately associated with sulphide minerals - particularly in Main and Waterline zones.
4. Phyllic alteration is characterized by weak to pervasive sericite-quartz replacement. It appears to envelope zones of intense fracturing with or without chalcopyrite/tetrahedrite occurrences, particularly in Unit 2 dust tuffs.

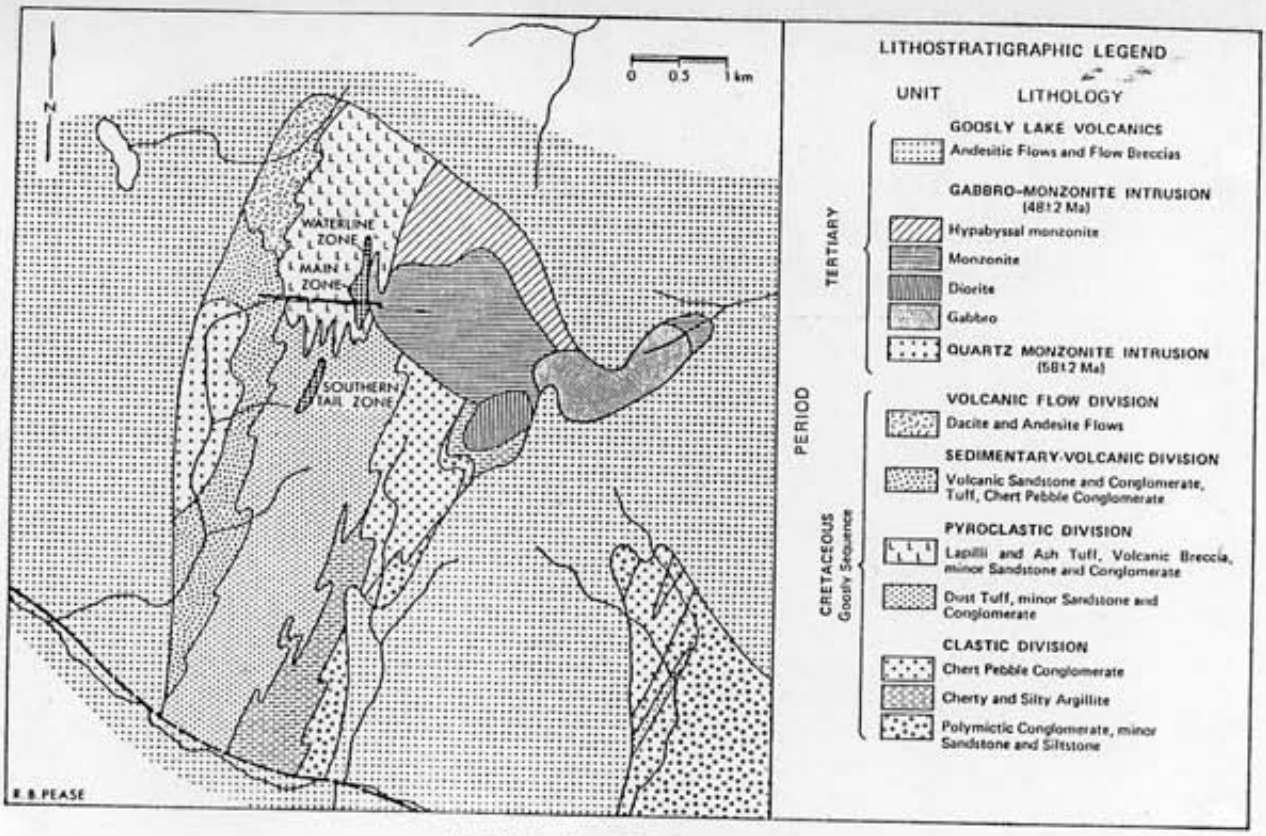

FIGURE 4 - PROPERTY GEOLOGY

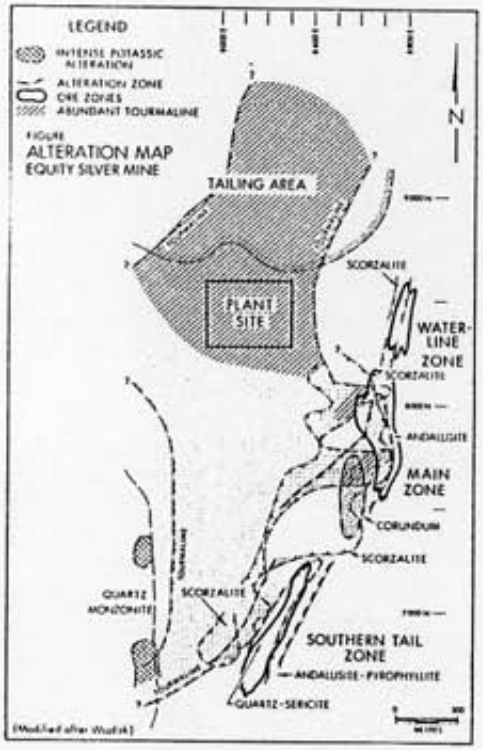

FIGURE 5 - PROPERTY ALTERATION

DRILLING PROGRAMME

The 1990 drilling programme at the Equity minesite consisted of 1084.8 metres of diamond drilling in three (3) holes near the southwest corner of the Main Zone pit. Two holes were drilled on Section 7560 N while one was drilled on Section 7500 N. All holes were collared vertically.

The drilling contractor, J. T. Thomas Diamond Drilling of Smithers, supplied a skid-mounted Acker hydraulic wireline drill rig equipped to recover NQ sized core and a tractor to move and assist the drill. The drill pads and access roads were constructed using a minesite D8 tractor. Water was hauled to the drill by a tanker truck from Action Dust Control of Smithers.

Drilling commenced with hole X90CH403 on February 26 and was completed with hole X90CH405 on March 11, 1990. Logging and sampling were completed by May 3.

The minesite Engineering Department surveyed the hole collars relative to the minesite grid. Down-the-hole acid dip tests were conducted at shift changes.

The core was transported to the logging facilities at the minesite immediately following hole completion. The core was logged by M.L. Aziz, a contract geologist with relevant training and experience. Intervals to be assayed were split with a manual core splitter and then assayed at the Equity Minesite Laboratory for copper, lead, zinc, silver, gold, arsenic, antimony, and iron (see Appendix II for analytical procedure). Two hundred twenty (220) samples of variable length up to 3.0 metres were selected on the basis of visible sulfide mineralization.

RESULTS AND DISCUSSION

The diamond drill hole collars and approximate surface projections are plotted on Figure 6. Section 7560 N showing lithologic intervals and copper-silver-gold assays for X90CH404 and X90CH405 is displayed in Figure 7. Drill logs, assay results and logging codes are included in Appendix I.

All three holes intersected a mixture of weakly to moderately fractured, pyritized, medium grey-green to tan-green lapilli, ash, dust, and breccia tuffs typical of the Pyroclastic Division. Pyrite is ubiquitous occurring as disseminations, in fracture fillings, in veins and veinlets and as massive patches with or without magnetite and hematite. Weak to moderate silicification and scorzalite alteration of the volcanic rocks were also observed in all holes. The area drilled is cross-cut by numerous andesite and quartz latite dykes that are oriented subparallel to the mineralized zones.

Holes X90CH404 and X90CH405 were drilled on Section 7560 N to test the down dip extent and grade of mineralization encountered in hole X87CH347. X90CH405 intersected 3.2 metres of 2.05% copper, 93 g/t silver and 1.28 g/t gold from 344.7 to 347.9 metres within a lower grade 25 metre interval that correlates well with an intersection in X87CH347. Unfortunately X90CH404 had to be abandoned due to caving just short of the projected mineralized zone.

Hole X90CH403 was collared 60 metres due south of X90CH404. It intersected 2.9 metres of 0.20% copper, 192 g/t silver and 3.57 g/t gold from 301.3 to 304.2 metres within a lower grade 15 metre

RESULTS and DISCUSSION (cont'd)

interval that can be correlated to the previously mentioned intersections in X90CH405 and X87CH347.

Based on the results of this drilling, a 3 metre thick mineralized zone extends at least 100 m along strike and 200 m down dip at 50 degrees west. The zone remains open down dip and for a limited distance along strike to the south of X90CH403.

TABLE 1

STATEMENT OF EXPENDITURES

1.	Diamond Drilling J.T.Thomas Drilling 1084.8 metres @ $51.71 / metre	56,095.00
2.	Water Truck Action Dust Control	16,578.00
3.	Sample Assaying for Cu, Ag, Au, Pb, Zn, As, Sb, Fe 220 assays @ $22.50 / sample	4,950.00
4.	Salaries	
	M.L. Aziz, logging and supervision 22 days @ $150 /day	3,300.00
	D. Axani, splitting 8 days @ $100 /day	800.00
5.	Transportation 4 x 4 truck 15 days @ $50 /day	750.00
6.	Report Preparation	1,200.00
	TOTAL	$ 83,673.00

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 was employed as a geologist in mining, exploration, and development capacities with Cyprus Anvil Mining Corporation in Faro, Yukon from September 1973 to April 1981.

4. Between May 1982 and October 1987, I was employed as a contract exploration geologist in northwestern British Columbia, principally with Equity Silver Mines Limited.

5. Since February 1988, I have been employed as an exploration geologist with Equity Silver Mines Limited.

6. I am a Fellow of the Geological Association of Canada.

7. I personally supervised the work programme as described in this report.

Respectfully submitted,
Equity Silver Mines Ltd.

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

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Cyr, J. B.; Pease, R. B.; and Schroeter, T. G. (1984): Geology and Mineralization at Equity Silver Mine. Journal of Econ. Geol., Vol. 79, pp. 947-968.

Wojdak, P. J. and Sinclair, A. J. (1984): Equity Silver Ag-Cu-Au Deposit: Alteration and Fluid Inclusion Studies. Journal of Econ. Geol., Vol. 79, pp. 969-990.

APPENDIX I

DIAMOND DRILL HOLE GEOLOGIC LOGS, ASSAYS, AND LOGGING CODES

DRILLHOLE LOGGING CODE

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

H - Survey or Header data/information
L - Lithologic data
S - Structural data
A - Assay data

SURVEY OR HEADER DATA

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

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
TFLP - lapilli tuff
TFAS - ash tuff
TFDT - dust tuff
ATLT - ash/lapilli tuff
VCBX - volcanic breccia
TCBX - tectonic breccia
MSDE - massive sulphide
ANDY - andesite dyke
LADY - latite dyke
TRDY - trachyandesite dyke

LC - lightness and colour codes

9 - palest	R - red
8 - pale	U - brown
7 - light	A - grey
6 - lighter	O - orange
5 - medium	T - tan
4 - darker	G - green
3 - dark	W - white
2 - very dark	N - black
1 - darkest	

IF - intensity of pre-alteration fracturing

0 - no fracturing
1 - weak fracturing
2 - moderate fracturing
3 - mod. to strong fracturing
4 - strong fracturing
5 - weak brecciation
6 - weak to mod. brecciation
7 - moderate brecciation
8 - mod. to strong brecciation
9 - strong brecciation

ALT - type of alteration

C - clay
Q - silicification
P - propylitic
QS - phyllic
PY - pyrite

MINERAL ABBREVIATIONS

CB - carbonate	PO - pyrrhotite
QZ - quartz	CY - clay
SL - sphalerite	MS - sericite
CL - chlorite	HS - hematite
PY - pyrite	TT - tetrahedite
MG - magnetite	CPY - chalcopyrite
PLAG - plagioclase	SCORZ - scorzalite

MISCELLANEOUS ABBREVIATIONS

INT - interval	MOD - moderate
EOH - end of hole	SDE - sulfide
ALTN - alteration	MED - medium
MASS - massive	W/ - with
LOC - local	W/O - without
CF - compare	TEXT - texture
TR - trace	MIN - minor

TEXTURAL ABBREVIATIONS

<< - microveins (<0.5 mm)
VNLTS - veinlets (0.5 to 5 mm)
VNS - veins (>5 mm)
DISS - disseminations
P* - porphyritic
A* - amygdaloidal
ENVS - envelopes
FRAGS - fragments
INTLEV - interleved
FRACTS - fractures

STRUCTURAL DATA

ID - structural code

BX - breccia
GG - gouge
CN - contact
SO - bedding
BN - banding (SO ?)
FT - fault
VN - vein
BD - bedding

CA - angle of structure with respect to core axis

AZM - azimuth of structure if core orientation known

WID - width of structure in millimeters

ASSAY DATA

SAMP# - sample number

REC - core recovery in metres

g/tAG - grams per tonne silver

g/tAU - grams per tonne gold

DDH X90CH403 SURVEY LOG

H DDHID : X90CH403
H LOGGED BY : MLA
H DATE : 90.01
H CORE SIZE : BQ
H PROPERTY : EQUITY MAIN ZONE
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	100.5	000	-88.0	7500.301	8401.686	1317.996
R	100.5	237.7	000	-89.5			
R	237.7	295.7	000	-90.0			
R	295.7	329.1	000	-88.5			
R	329.1	381.0	000	-89.5			

DDH X90CH403 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	9.1	OVBN	--			:TRICONED - NO CORE
L	9.1	12.9	VCBX	3AG	2	Q	:VOLC BX GRADING TO LAP. TUFF. CL MATRIX
L							:SUBANG FRAGS. MIN CL <<. TR DS PY
L	12.9	15.8	TFLP	4AG	2	Q	:MIN VCBX. MIN CB VNLTS. SMALL TFDT INT.
L							:TR CL <<'S. TR DS PY
L	15.8	19.0	TFLP	5AG	2	Q	:TR TFAS. TR CL VNLTS +/- PY. 2% DS PY
L	19.0	21.8	TFAS	6AG	1	Q	:MIN CL VNLTS. MIN PY/MG/HE VNLTS. TR DS
L							:PY
L	21.8	24.8	ATLT	6TA	2	Q	:CRS TFAS GRADES TO CRS TFLP. 1-2% PY. TR
L							:CL VNLTS
L	24.8	29.0	TFLP	4TG	2	Q	:CRS TFLP TO VCBX. TECTONIC BX?. MIN HE
L							:BLEBS. 2-3% DS PY. MIN CL SP'S
L	29.0	31.2	ANDY	6TG	1	Q	:F.G. W/ CL SP'S & DIFFUSE PLAG XTALS. TR
L							:DS PY. MIN CB VNLTS. MIN TECT BX AT CN'S
L	31.2	33.3	TCBX	3A	3	Q	:TECT BX?. FG QZ/CL MATRIX W/ ANGULAR TO
L							:ROUNDED FRAGS. 3-4% PY IN MATRIX & 2% DS
L	33.3	36.9	VCBX	6GA	2	Q	:FRAGS SUBANG- SUBROUNDED. TR CL VNLTS,
L							:35.5-35.8m VN OF MG & HE W/ MIN SL.PY.QZ
L	36.9	40.0	VCBX	6TA	2	Q	:COMMON PY VNLTS XCUTTING FRAGS. MIN
L							:QZ/CB VNS & VNLTS. 2-3% PY BLEBS. TR SL
L							:BLEBS (< .5%)
L	40.0	43.2	VCBX	6TG	3	Q	:FRAGS QZ/MS ALT'D. CL FRAGS. PY VNLTS
L							:UNTIL 40.9m. 3-4% PY BLEBS
L	43.2	46.1	VCBX	5AG	2	Q	:MIN MG/HE VNLTS +/- MIN PY. 2-3% PY BLEB
L							:TR PO BLEBS. TR QZ/CB VNLTS. CL SP'S
L	46.1	49.0	TFLP	4AG	2	Q	:ABUND CL SP'S. 1-2% DS PY. FRAGS ROUNDED
L	49.0	51.8	TFLP	4AG	3	Q	:1 QZ/PY VN 4cm WIDE. DS & BLEBS PY 2-3%
L	51.8	54.9	TFLP	4AG	2	Q	:1 QZ VN W/ PY & MG/HE. CRS LAPILLI
L	54.9	57.9	TFLP	4G	1	Q	:INCREASED CL. TR CB/QZ <<'S. TR PY VNLTS

L							: +/- MG & HE, TR DS PY
L	57.9	61.0	TFLP	4G	2	Q	:AS ABOVE: CL SP'S, MIN PY BLEBS +/- HE
L	61.0	63.9	TFLP	4AG	2	Q	:INCREASED QZ IN MATRIX, CL SP'S, 4-5% PY
L							:BLEBS, MIN QZ VNS W/ PY & MG/HE
L	63.9	67.1	TFLP	4AG	2	Q	:FRAGS SUBANG- SUBROUNDED, CL/QZ MATRIX,
L							:PY DS BLEBS 3 - 5%
L	67.1	68.9	TFLP	6AT	3	Q	:INCREASED QZ IN MATRIX & FRAGS, COMMON
L							:PY VNLTS & DS BLEBS 5-6%, TR CL <<'S
L	68.9	70.1	ANDY	7WG	1	Q	:FG W/ CL MATRIX, ALTERED PLAG
L	70.1	71.0	TFLP	6AT	2	Q	:INCREASED PY CONTENT IN MATRIX 6-8%,
L							:FRAGS BROKEN UP
L	71.0	79.4	ANDY	6WG	1		:FG CL MATRIX, TR QZ/CB VNLTS
L	79.4	82.3	TFLP	7GA	3	Q	:INTENSE Q ALT'N PARTIALLY DESTROYED TUFF
L							:TEXTURE, MIN SCORZ SP'S, INCREASED PY
L							:BLEBS & VNLTS 8-10%, 81.4-81.9m ZONE OF
L							:20% PY, 20% MG, 10% SL
L	82.3	85.2	TFLP	6GA	3	Q	:INTENSE Q, SCORZ PT'S, PY VNLTS & VNS 10
L							: - 12%, MIN SL
L	85.2	88.2	TFLP	6GA	2	Q	:INTENSE Q, DECREASED SCORZ, PY RIMS, <<,
L							: & BLEBS 10%
L	88.2	91.2	TFLP	6TA	2	Q	:INT Q, TR SCORZ, PY 8-10%, MIN QZ/CB VNLT
L	91.2	94.2	TFLP	6TA	3	Q	:AS ABOVE: INCREASED PY VNLTS & VNS, 92.6-
L							:93.3m ZONE OF SEMI-MASSIVE PY W/ QZ/CB
L	94.2	97.9	TFLP	5GA	3	Q	:STR Q, ABUND QZ VNS & VNLTS +/- CB, PY DS
L							:& BLEBS 4-5%, SMALL GG
L	97.9	100.4	TRDY	5G	1		:TRACH. DYKE, EUHEDRAL PLAG 4-8mm W/ PRE-
L							:FERRED ORIENTATION, CL MATRIX, TR DS PY
L	100.4	103.3	TFAS	6AT	3	Q	:MOD Q & WK MS ALT'N, MOD CL IN MATRIX,
L							:MIN LAPILLI FRAGS, PY VNLTS & VNS +/-
L							:MG/HE, DS PY 3-4%
L	103.3	106.3	TFAS	6AT	2	Q	:CL VNLTS +/- PY & MG, PY VNLTS, PY BLEBS
L							:5-6%
L	106.3	109.7	TFAS	5AG	2	Q	:INCREASED CL IN MATRIX, MIN CL VNLTS W/
L							:MG & PY, PY BLEBS 2-3%
L	109.7	112.1	TFAS	5TG	2	Q	:CL VNLTS +/- MG & PY, PY VN +/- MIN HE,
L							:MIN LAPILLI FRAGS
L	112.1	118.2	ANDY	5G	1		:FG, FRACTURED AFTER 115.8m, TUFF INCLUS.
L	118.2	121.1	TFLP	6TA	2	Q	:MED GR TFLP, FRAGS SUBROUNDED, CL VNLTS
L							:PY +/- QZ & MG VNLTS
L	121.1	124.3	TFLP	5GA	2	Q	:INCREASED CL, CL VNLTS +/- PY, PY BLEBS
L							:4-5%, TR MG +/- PY VNLTS
L	124.3	127.0	TFLP	5TA	2	Q	:PT'S OF TFDS, MIN TALC, MIN PY VNS & VNLT
L							:DS PY 4-5%
L	127.0	130.3	TFLP	5TA	2	Q	:INCREASED PY VNLTS, TR SCORZ SP'S
L	130.3	133.1	MSDE	4AY	2	PY	:MASSIVE PY W/ 15-20% QZ/CB VNS, TR CP,SL
L	133.1	136.3	MSDE	4AY	2	PY	:MASSIVE PY, 15-20% QZ/CB, TR CP
L	136.3	139.1	MSDE	4AY	2	PY	:AS ABOVE: 20-25% QZ, MIN CP -1%
L	139.1	140.3	TFDT	5AT	3	QS	:COMMON PY VNS & VNLTS, MOD MS ALT'N
L	140.3	144.0	MSDE	4AY	2	PY	:MASS PY W/ 20-25% QZ/CB, MIN CP,SL
L	144.0	146.9	TFLP	4GA	3	Q	:SEVERAL QZ +/- CB VNS, PY VNLTS W/ QZ,
L							:MIN SL VN'S
L	146.9	150.0	TFLP	6AG	2	Q	:CL VNLTS +/- PY, QZ VNLTS, MIN HE/PY VNS
L							:PY BLEBS 2-3%
L	150.0	152.9	TFAS	5AG	2	Q	:PT'S TFLP, CL VNLTS +/- PY/MG, SL VNS
L	152.9	156.2	TFAS	6GA	2	Q	:SEVERAL MG/PY/HE VNS +/- QZ

L	156.2	159.4	TFLP	5GA	3	Q	:MASS PY/SL 157.2-157.7m, PY/CL VNLTS
L	159.4	162.8	TFLP	5WA	3	Q	:INCREASED QZ VNS, MIN SL VNLTS, PY VNLTS
L							:& PT'S 5-6%, MIN MG/HE W/IN PY PT'S
L	162.8	165.3	TFLP	4TA	3	QS	:TFDT PT'S, PY/MG PT'S & VNS 4%
L	165.3	168.2	TFLP	4GA	2	Q	:MG/PY/CL PT BTW 166.4-166.7m, QZ/CB VNS
L	168.2	171.6	TFLP	5GA	2	Q	:SEVERAL MG/PY/HE/CL VNS, INCREASED QZ
L	171.6	174.7	TFLP	4TA	2	Q	:TFDT PT'S, PY/MG VNS
L	177.7	177.8	TFDT	4TA	3	QS	:TFLP PT'S, PY/CL/MG VNS, MASS PY 176.2-
L							:176.4m
L	177.8	180.3	TFAS	5WA	3	Q	:QZ VNS/VNLTS, FEWER PY VNS & VNLTS
L	180.3	183.7	TFAS	5TG	2	Q	:PY VNS & VNLTS 12-15%, MIN MG W/ PY, TR
L							:SCORZ SP'S
L	183.7	186.7	TFAS	6A	2	Q	:CL/HE VNLTS +/- PY, MIN PY VNS, MASS PY &
L							:MG 186.2-186.4m
L	186.7	188.9	TFAS	6GA	2	Q	:TFLP PT'S, PY/MG VNS BTW 187.2-188.7m
L	188.9	192.0	TFAS	5AG	2	Q	:TR SCORZ SP'S, MIN QZ/CB VNS & VNLTS,
L							:8-10% PY VNS/VNLTS, CL VNLTS +/- PY
L	192.0	195.6	TFDT	6AT	2	QS	:FEWER PY +/- MG VNS & VNLTS, MIN CL VNLTS
L	195.6	198.7	TFDT	6AT	1	QS	:CL/PY VNLTS, DS PY 3-4%
L	198.7	201.7	TFDT	6AT	2	QS	:INCREASED PY VNLTS & VNS
L	201.7	204.1	TFDT	6AT	2	QS	:DECREASED PY VNLTS, CL VNLTS, SMALL GG
L	204.1	207.1	TFDT	7AT	1	QS	:AS ABOVE- NO GG
L	207.1	210.3	TFDT	7AT	2	QS	:PY VNS & VNLTS, MASS PY W/ QZ 208.8-209.0
L	210.3	213.3	TFDT	6GT	1	QS	:TFLP PT'S, MIN CL VNLTS, PY VNS 4-5%
L	213.3	216.4	TFAS	5AG	2	Q	:TFDT PT'S, CL VNLTS, MIN PY/MG VNS & PTS
L	216.4	219.4	TFAS	4AG	2	Q	:MIN CL VNLTS & PY VNLTS
L	219.4	222.5	TFDT	3NG	1		:WK Q ALT'N,MIN CL VNLTS
L	222.5	225.5	TFDT	3NG	1		:TAN TFDT PT'S, DS PY 10-12%
L	225.5	228.4	TFAS	3NG	1	Q	:CL VNLTS, DS PY 1-2%
L	228.4	231.6	TFAS	4AG	1	Q	:CL MATRIX & VNLTS, MIN PY VNLTS
L	231.6	234.5	TFAS	6AG	1	Q	:AS ABOVE: MIN GY VNLTS, TFDT PT'S
L	234.5	236.6	TFAS	6TG	2	Q	:GY VNLTS, PY/MG VNLTS & PT'S 4-5%
L	236.6	239.5	ANDY	5WG	1		:FG W/ SUBHEDRAL PLAG , MIN GY VNLTS
L	239.5	242.6	TFAS	4TG	3	Q	:TFDT PT'S, CL/PY VNLTS, GY VNLTS
L	242.6	245.8	TFAS	4TG	2	Q	:AS ABOVE
L	245.8	248.8	TFAS	4NG	2	Q	:TR GY VNLTS, MIN PY VNLTS +/- CL
L	248.8	251.9	TFDT	4TG	2	Q	:CL VNLTS +/- PY, GY VNLTS, MIN PY/MG VNLT
L	251.9	254.3	TFDT	4TA	2	QS	:CL VNLTS +/- PY/MG, TR DS PY 1-2%
L	254.3	258.0	TFDT	4TG	2	Q	:CORE BROKEN UP, FEWER CL/PY VNLTS
L	258.0	261.0	TFDT	5GT	2	QS	:INCREASED PY/MG/CL VNLTS & MIN VNS
L	261.0	264.7	TFDT	6AT	2	QS	:PY/MG VNS & VNLTS, 264.2-264.6m ZONE OF
L							:DARK GREY METALLIC MINERAL W/ PY 10-15%
L	264.7	267.9	TFDT	4AG	3	Q	:INCREASED CL, MIN PY VNS +/- MIN CP
L	267.9	270.5	TFDT	3GA	2	Q	:TFAS PT'S, MIN PY VNS & VNLTS +/- MIN CP
L	270.5	273.2	TFDT	3GA	2	Q	:INCREASED CP VNLTS +/- PY 2-3%
L	273.2	276.6	TFAS	3GA	2	Q	:CP +/- PY VNS & VNLTS 4-5%
L	276.6	279.4	TFDT	5GT	2	QS	:CL VNLTS, PY/CP VNS & VNLTS 4-5%,TR DS PY
L	279.4	282.8	TFDT	5GT	2	QS	:CL VNLTS, PY +/- MIN CP VNS & VNLTS 2-3%
L	282.8	285.7	TFDT	4GT	2	QS	:PY VNS & VNLTS W/ TR CP 1-2%
L	285.7	289.3	TFDT	4GT	3	QS	:PY VNS & VNLTS 2-3%, MIN CB VNLTS, GG
L	289.3	291.7	TFDT	4GT	2	QS	:WK FOL'N @ 45 DEGREES, QZ/CB & QS LAYERS
L							:TR PY VNLTS <1%
L	291.7	295.2	TFDT	4GT	2	QS	:AS ABOVE: SCORZ PT'S W/IN PY/QZ VN
L	295.2	298.4	TFDT	4GT	3	QS	:NON FOL'D, TR DS PY, MIN PY VNLTS

L	298.4	301.3	TFDT	4TG	2	Q	:GRADES TO TFAS, PY BLEBS & << 3-4%
L	301.3	304.2	TFAS	4AG	1	Q	:Q MOD, PY DS & BLEBS 2-3%, MIN AS/CB <<'S
L	304.2	307.1	TFAS	4AG	1	Q	:CL SP'S & VNLTS, MIN TFDT PT'S, MIN PY
L							:+/- CP VNLTS
L	307.1	310.3	TFDT	3AG	3	Q	:SEVERAL CL/PY/CP/TET VNLTS 8-10%
L	310.3	313.2	TFAS	3AG	2	Q	:MIN CL/PY VNLTS
L	313.2	316.5	TFAS	4AG	3	Q	:SEV. CL/PY/CP/TET VNLTS +/- QZ 4-5%, DS
L							:PY 2-3%
L	316.5	318.9	TCBX	5WG	4	Q	:TECT BX OF TFAS, QZ & CL MATRIX, MIN PY
L							:<<'S, PY DS IN MATRIX 3-4%
L	318.9	326.9	ANDY	6WG	1		:FG W/ PLAG, TR QZ/CB VNLTS
L	326.9	328.8	TFAS	3GA	3	Q	:SEVERAL PY/PO/CP/TET VNS & VNLTS 12-15%,
L							:DS PY & PO 25-30%
L	328.8	340.8	LADY	BAW			:FG W/ PLAG & MIN QZ XT'S, TR DS PY, TFAS
L							:INCLUSIONS
L	340.8	343.6	TFAS	3GA	3	Q	:CL +/- PY VNLTS, WEAK BX, DS PY 2-3%
L	343.6	347.7	ANDY	6WG			:FG W/ MIN ALT'D PLAG XTALS
L	347.7	350.7	TFAS	4AG	3	Q	:WEAK BX, CL VNS +/- PY , TR DS PY
L	350.7	353.8	TFAS	3AG	2	Q	:SEV. CL VNS & VNLTS +/- PY, TFDT PT'S
L	353.8	356.6	ANDY	6WG			:MIN QZ/CB VNLTS, MIN DS PY
L	356.6	359.7	TFAS	3AG	2	Q	:2 PT'S INTENSE PY/PO/CP/TET VEINS 8-10%
L	359.7	362.7	TFAS	3AG	1	Q	:1-2% PY/CL VNS & VNLTS, TR DS PY
L	362.7	365.7	TFAS	3AG	1	Q	:DECREASED PY VNS & VNLTS, CL VNLTS
L	365.7	368.8	TFAS	3AG	3	Q	:PT'S WEAK BX, NUMEROUS PY/PO/CP/SL/TET
L							:VNS 5-7%, TFDT PT'S
L	368.8	371.7	TFAS	3GA	2	Q	:1-2% VNS PY, 8-10% DS PY,PO,MIN SL,CP,TET
L	371.7	374.9	TFDT	4GA	2	QS	:WEAK MS ALT'N, CL VNS & VNLTS +/- PY/PO
L							:TR CP & SL DS
L	374.9	378.0	TFDT	4GA	2	QS	:CL VNLTS, 2-3% PY/PO/CP VNLTS, 3-5% DS
L							:PY & PO
L							:E.O.H. @ 378.0m

DDH X90CH403 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		29.0	CN	30			:CN BTW VOLC TECT BX/ ANDY
S		31.2	CN	45			:CN BTW ANDY/TECT BX
S		33.3	CN	65			:CN BTW TECT BX / VOLC BX
S	35.5	35.8	VN	35		0.3m	:VN OF MG/HE/SL/PY/QZ
S	68.3	68.6	VN	25		3.0cm	:VN OF MG/HE/PY & MIN QZ
S		68.9	CN	20			:CN BTW TFLP/ ANDY
S		70.1	CN	20			:CN BTW ANDY/TFLP
S		71.0	CN	50			:CN BTW TFLP/ANDY
S	95.7	96.5	GG	05			:GOUGE ZONE
S		97.9	CN				:CN BTW TFLP/TRDY
S		100.4	CN	24			:CN BTW TRDY/TFAS
S		112.1	CN				:CN BTW TFAS/ANDY
S		118.2	CN	70			:CN BTW ANDY/TFLP
S		130.0	CN	55			CN BTW TFLP/MSDE
S		139.1	CN	35			:CN BTW MSDE/TFDT
S	140.3	140.5	GG				:GG BTW TFDT/MSDE
S	151.7	152.1	VN	10		2.0cm	:VN OF MG/PY/HE & QZ
S	157.2	157.7	VN	25		2.3cm	:VN PY/SL/QZ 70%PY,20%QZ,10%SL
S	171.3	171.6	VN	50		1.5cm	:6 VNS OF MG/PY/CL/HE & QZ
S	203.8	204.0	GG	35			:SMALL GOUGE ZONE
S		236.6	CN				:CN BTW TFAS/ANDY
S		239.5	CN				:CN BTW ANDY/TFAS
S	288.8	289.3	GG	25			:GG W/IN TFDT
S		316.5	CN	60			:CN BTW TFAS/TCBX
S		318.95	CN	45			:CN BTW TCBX/ANDY
S		326.9	CN				:CN BTW ANDY/TFAS
S		328.8	CN	20			:CN BTW TFAS/LADY
S		340.8	CN	40			:CN BTW LADY/TFAS
S		343.6	CN	25			:CN BTW TFAS/ANDY
S		347.7	CN	55			:CN BTW ANDY/TFAS
S		353.8	CN	60			:CN BTW TFAS/ANDY

DH X90CH403 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	24.8	29.0	9601		.01	3.0	.06	.005	.01	1.95	.01	.01
A	31.2	33.3	9602		.02	7.0	.20	.001	.02	4.24	.06	.08
A	33.3	36.9	9603		.04	4.0	.13	.01	.01	3.71	.35	.99
A	36.9	40.0	9604		.01	.001	.04	.001	.01	3.69	.01	.08
A	67.1	68.9	9605		.01	20.0	.16	.001	.03	4.85	.07	.06
A	70.1	71.0	9606		.01	25.0	.21	.01	.04	4.50	.06	.03
A	79.4	82.3	9607		.02	11.0	.76	.005	.02	9.77	.03	.32
A	82.3	85.2	9608		.01	5.0	.34	.001	.01	10.7	.02	.14
A	85.2	88.2	9609		.005	2.0	.10	.001	.01	4.79	.02	.01
A	88.2	91.2	9610		.03	11.0	.21	.001	.01	4.86	.02	.02
A	91.2	94.2	9611		.005	4.0	.17	.005	.01	8.90	.02	.01
A	94.2	97.9	9612		.01	6.0	.24	.005	.01	7.200	.05	.02
A	100.4	103.3	9613		.005	2.0	.14	.005	.01	4.52	.01	.005
A	103.3	106.3	9614		.02	1.0	.07	.005	.01	2.09	.01	.01
A	106.3	109.7	9615		.02	1.0	.12	.005	.005	1.05	.03	.02
A	109.7	112.1	9616		.01	3.0	.09	.01	.01	2.35	.02	.005
A	118.2	121.1	9617		.02	5.0	.07	.005	.01	.76	.02	.005
A	121.1	124.3	9618		.10	304.0	3.2	.03	.01	1.42	.56	.01
A	124.3	127.0	9619		.01	16.0	.37	.02	.005	4.40	.02	.04
A	127.0	130.3	9620		.01	30.0	.72	.01	.005	4.44	.02	.005
A	130.3	133.1	9621		.005	11.0	.63	.02	.02	30.3	.01	.24
A	133.1	136.3	9622		.005	11.0	.30	.02	.01	30.0	.01	.02
A	136.3	139.1	9623		.02	17.0	.60	.03	.01	38.6	.01	.36
A	139.1	140.3	9624		.16	110.0	.26	.05	.02	2.28	.04	.13
A	140.3	144.0	9625		.01	9.0	1.24	.03	.02	40.3	.02	1.08
A	144.0	146.9	9626		.02	39.0	.44	.01	.02	3.86	.17	.37
A	146.9	150.0	9627		.01	14.0	.22	.005	.01	2.80	.05	.06
A	150.0	152.9	9628		.02	26.0	.22	.005	.02	4.69	.04	.62
A	152.9	156.2	9629		.04	34.0	.32	.01	.032	4.46	.06	.06
A	156.2	159.4	9630		.01	9.0	.15	.01	.005	7.11	.03	1.39
A	159.4	162.8	9631		.06	219.0	.90	.03	.02	3.30	.36	.04
A	162.8	165.3	9632		.04	35.0	.040	.01	.02	4.75	.02	.03
A	165.3	168.2	9633		.04	26.0	.25	.01	.02	9.68	.03	.04
A	168.2	171.6	9634		.04	24.0	.16	.01	.01	4.70	.03	.04
A	171.6	174.7	9635		.04	34.0	.16	.01	.02	4.35	.02	.01
A	174.7	177.8	9636		.06	45.0	.24	.02	.01	10.7	.05	.02
A	177.8	180.3	9637		.09	233.0	.43	.05	.01	3.36	.15	.05
A	180.3	183.7	9638		.04	40.0	.13	.02	.01	8.21	.03	.01
A	183.7	186.7	9639		.05	56.0	.23	.02	.03	7.86	.04	.02
A	186.7	188.9	9640		.06	55.0	.36	.03	.04	10.5	.04	.01
A	188.9	192.0	9641		.04	45.0	.53	.02	.02	8.03	.02	.03
A	192.0	195.6	9642		.03	26.0	.31	.02	.01	3.80	.02	.01
A	195.6	198.7	9643		.01	1.0	.11	.01	.01	3.71	.02	.001
A	198.7	201.7	9644		.03	47.0	.32	.02	.005	4.27	.03	.005
A	207.1	210.3	9645		.01	1.0	.13	.02	.001	7.77	.01	.005

A	210.3	213.3	9646	.03	16.0	.22	.02	.005	2.82	.03	.01
A	213.3	216.4	9647	.04	15.0	.19	.01	.02	3.06	.01	.005
A	216.4	219.4	9648	.01	2.0	.09	.01	.02	2.23	.005	.005
A	219.4	222.5	9649	.01	15.0	.39	.005	.01	2.10	.01	.001
A	222.5	225.5	9650	.001	5.0	.23	.01	.01	3.90	.01	.005
A	225.5	228.4	9651	.001	1.0	.06	.005	.02	2.92	.005	.005
A	239.5	242.6	9652	.03	1.0	.15	.01	.02	4.74	.005	.005
A	251.9	254.3	9653	.01	2.0	.14	.005	.01	2.74	.001	.001
A	258.0	261.0	9654	.06	31.0	.83	.03	.01	1.74	.05	.005
A	261.0	264.7	9655	.48	24.0	.39	.01	.02	3.66	.02	.02
A	264.7	267.9	9656	.17	4.0	.24	.005	.02	2.91	.01	.02
A	267.9	270.5	9657	.22	32.0	.73	.02	.04	2.80	.04	.02
A	270.5	273.2	9658	.76	67.0	1.00	.09	.20	3.73	.03	.04
A	273.2	276.6	9659	1.40	81.0	2.09	.08	.17	4.87	.02	.11
A	276.6	279.3	9660	.16	4.0	.62	.01	.01	3.35	.01	.01
A	279.3	282.8	9661	.14	1.0	.29	.01	.01	3.01	.005	.005
A	282.8	285.7	9662	.08	1.0	.34	.01	.02	2.53	.01	.01
A	285.7	289.3	9663	.04	13.0	.59	.01	.02	2.26	.01	.01
A	289.3	291.7	9664	.04	4.0	.72	.01	.02	2.85	.01	.06
A	291.7	295.2	9665	.07	9.0	.68	.01	.05	2.29	.01	.03
A	295.2	298.4	9666	.09	6.0	.40	.01	.02	2.04	.01	.02
A	298.4	301.3	9667	.41	61.0	1.54	.04	.27	4.25	.02	.02
A	301.3	304.2	9668	.20	192.0	3.57	.16	2.67	3.30	.06	.02
A	304.2	307.1	9669	.17	69.0	1.35	.06	.37	3.39	.02	.04
A	307.1	310.3	9670	.35	35.0	.85	.04	.20	2.95	.01	.06
A	310.3	313.2	9671	.12	27.0	.47	.01	.04	4.20	.01	.005
A	313.2	316.5	9672	.17	9.0	.21	.001	.005	4.42	.01	.01
A	316.5	318.9	9673	.06	.1	.06	.005	.005	4.43	.01	.01
A	326.9	328.8	9674	.68	19.0	.17	.01	.03	10.50	.03	.05
A	340.8	343.6	9675	.03	1.0	.04	.001	.01	3.69	.01	.001
A	347.7	350.7	9676	.06	1.0	.05	.001	.02	3.92	.01	.005
A	350.7	353.8	9677	.08	1.0	.03	.01	.03	4.91	.005	.001
A	356.6	359.7	9678	1.31	2.2	.33	.01	.10	9.79	.06	.33
A	359.7	362.7	9679	.10	2.0	.06	.01	.05	5.23	.02	.01
A	362.7	365.7	9680	.01	2.0	.04	.01	.03	4.22	.02	.001
A	365.7	368.8	9681	.22	15.0	.14	.001	.05	5.85	.09	.25
A	368.8	371.7	9682	.14	14.0	.13	.005	.05	5.64	.07	.24
A	371.7	374.9	9683	.017	3.0	.05	.009	.06	4.05	.02	.02
A	374.9	378.0	9684	.032	4.0	.04	.005	.03	4.22	.02	.04

DDH X90CH404 SURVEY LOG

H DDHID : X90CH404
H LOGGED BY : MLA
H DATE : 90.01
H CORE SIZE : BQ
H PROPERTY : EQUITY MAIN ZONE
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	106.7	000	-89.0	7558.917	8401.926	1309.740
R	106.7	182.9	000	-89.5			
R	182.9	237.1	000	-89.0			

DDH X90CH404 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	9.1	OVBN	--			:TRICONED - NO CORE
L	9.1	13.1	LADY	7WY	1		:CORE BROKEN. FG W/ ALTERED PLAG XT'S
L	13.1	18.8	TFDT	6AW	2	Q	:CORE BROKEN, PY/MG VNLTS. TR DS PY
L	18.8	19.8	MSDE	6AU	2	PY	:MASS PY 65-70% W/ QZ/CB VNLTS
L	19.8	26.6	TFDT	6WA	2	Q	:CORE BROKEN. PY/QZ VNS & VNLTS 3-4%
L							:TR SCORZ SP'S
L	26.6	34.8	ANDY	6G			:FG W/ SMALL CL & QZ/CB SP'S. TR QZ VNLTS
L	34.8	37.8	TFLP	6AG	1	Q	:SUBANG-SUBROUND FRAGS, CL VNLTS & SP'S,
L							:MG/HE VNLTS, MIN PY/QZ VNLTS, MIN DS PY
L	37.8	40.9	TFLP	5AG	2	Q	:TFDT FRAGS. MIN PY VNS & VNLTS 2-3%
L	40.9	44.2	TFLP	5AG	1	Q	:TR PY VNLTS +/- HE. TR QZ/CB VNLTS
L	44.2	47.5	TFDT	6TG	1	Q	:QZ/CL MATRIX. MIN SL/PY/HE VNLTS 2-3%
L							:DS PY 4-5%
L	47.5	50.7	TFAS	6GA	2	Q	:MIN QZ VNS +/- PY. 3-4% DS PY
L	50.7	54.1	TFAS	4GA	2	Q	:SL/PY +/- QZ VNS & VNLTS 4-5%. SL/PY/GL &
L							:MIN TET ZONE 52.9-53.3m. DS PY 1-2%
L	54.1	57.1	TFLP	5AG	1	Q	:SUBROUNDED FRAGS. DS PY 4-5%
L	57.1	60.6	TFLP	6GA	2	Q	:STR Q. SL/PY VN. DS PY 6-8%
L	60.6	63.8	TFLP	5AG	2	Q	:MIN GY SP'S. TR PY VNLTS. DS PY 8-10%
L	63.8	67.7	TFLP	5AG	2	Q	:AS ABOVE: TR SCORZ SP'S. DS PY 5-6%
L	67.7	70.9	TFLP	4YA	3	Q	:QZ VNS W/ 40-50% PY & MIN SL. 2 ZONES OF
L							:MASS PY W/ MIN TFLP 69.3-69.7 & 70.2-70.9
L	70.9	74.3	TFDT	5TA	1	QS	:MIN QZ/PY VNLTS & VNS. DS PY 2-3%
L	74.3	76.9	TFDT	5TG	2	QS	:AS ABOVE: MIN PY/QZ PT'S
L	76.9	79.8	TFLP	4AG	2	Q	:CL MATRIX. FRAGS SUBANG-SUBROUND. MIN PY
L							:VNLTS
L	79.8	82.7	TFLP	4AG	2	Q	:TFDT PT'S. 2-3% PY VNLTS. MIN QZ/CB VNLTS
L	82.7	85.8	TFLP	5AG	1	Q	:INCREASED CL. TR DS PY. GRADES TO TFAS
L	85.8	89.1	TFAS	5AG	1	Q	:MIN PY/HE VNLTS 1-2%. TR DS PY
L	89.1	92.2	TFLP	4AG	1	Q	:CRS FRAGS. CL VNLTS. MIN QZ VNS W/ PY

L	92.2	95.2	TFLP	6AG	2	Q :3-4% DS PY W/ TR DS SL, MIN QZ VNLTS
L	95.2	98.3	TFAS	6TG	2	QS :MIN QZ VNS W/ PY/SL, 2-3% DS PY
L	98.3	102.6	TFAS	6TG	2	QS :TFDT PT'S, 3-4% PY W/ SL VNLTS, 5-7% DS
L						:PY
L	102.6	107.2	ANDY	6WG		:MIN CL & QZ/CB SP'S
L	107.2	110.2	TFLP	6TA	2	QS :TFDT FRAGS, MIN PY VNLTS W/ MIN SL, 4-5%
L						:DS PY IN MATRIX
L	110.2	113.4	TFLP	6AG	2	Q :SUBROUNDED FRAGS, TR PY VNLTS, PY/SL VN
L						:2-3% DS PY
L	113.4	116.3	TFLP	6AG	2	Q :MIN PY VNLTS, MASS PY/SL W/ QZ 115.5-
L						:115.8m, 1-2% DS PY
L	116.3	119.5	TFAS	5TG	2	Q :PY VNLTS, PY/QZ VN, 3-4% DS PY
L	119.5	122.8	TFAS	5AG	1	Q :CL VNLTS, MIN PY/QZ VNLTSS, 2-3% DS PY
L	122.8	126.2	TFAS	6AG	3	Q :PY/QZ VNLTS, MASS PY W/ QZ 125.0-125.6m,
L						:3-4% DS PY
L	126.2	129.3	TFAS	6AG	1	Q :SMALL ANDY INCL., 3-4% PY W/ QZ VNLTS
L	129.3	132.1	TFLP	6GA	3	Q :SEVERAL PY/SL/QZ VNS & VNLTS, 4-5% DS PY
L	132.1	135.0	TFAS	5TG	1	Q :MIN PY/SL VNLTS, TR SCORZ SP'S
L	135.0	138.2	TFAS	4AG	1	Q :CL VNLTS, 5-6% DS PY
L	138.2	141.3	TFAS	4AG	2	Q :3 PY/QZ +/- SL VNS, PY/QZ VNLTS, 3-4% DS
L						:PY
L	141.3	144.9	TFDT	4TG	2	QS :PY/QZ VNS & VNLTS, QZ/CB VNS &VNLTS
L	144.9	148.1	TFLP	5AG	2	Q :4-5% PY VNLTS, 3-4% DS PY, TR CP
L	148.1	151.3	TFLP	5AG	1	Q :INCREASED CL, MIN PY VNLTS, 4-5% DS PY
L	151.3	154.2	TFLP	5AG	2	Q :QZ/CB VN 4cm, MIN PY VNLTS, 2-3% DS PY
L	154.2	157.7	TFLP	4AG	2	Q :5-6% DS PY, MIN PY VNLTS, MIN SCORZ PT'S
L	157.7	159.8	MSDE	4YU	3	PY :MASS PY W/ 15-20% QZ, TR CP
L	159.8	162.8	TFAS	4AG	3	Q :MASS PY BTW 160.7-160.9m, PY/QZ VNS &
L						:VNLTS, DS PY , 15-20% PY
L	162.8	165.8	TFLP	6AG	2	Q :7-8% PY VNLTS +/- QZ, MIN DS PY
L	165.8	169.0	TFLP	6AG	3	Q :MASS PY 167.8-168.4m, 6-8% PY VNS & VNLTS
L						:2-3% DS PY
L	169.0	172.0	TFLP	5AG	2	Q :INTLEV TFDT/TFLP, MIN CL VNLTS, 4-5% PY
L						:+/- SL VNS & VNLTS
L	172.0	175.1	TFLP	4AG	2	Q :MIN GY VNLTS, TR PY <<'S, 3-4% DS PY
L	175.1	178.0	TFLP	6AG	2	Q :FG TFLP, GY VNLTS, MIN PY VNLTS,4-5% PY
L	178.0	181.6	TFLP	4GA	3	Q :MIN SCORZ PTS, MASS PY BTW 178.3-178.6m
L						:W/ QZ & MIN SL, 1-2% DS PY
L	181.6	184.6	TFLP	5GA	2	Q :2-3% PY VNLTS, PY/HE/MG/SL VN @ 182.1
L	184.6	187.6	TFLP	5GA	2	Q :TR PY VNLTS, MIN DS PY
L	187.6	190.3	TFAS	4GA	3	Q :CL VNLTS, MASS HE/MG/PY 189.5-189.8m
L	190.3	193.3	TFLP	4TG	1	Q :TR PY <<'S, 2-3% DS PY
L	193.3	196.6	TFLP	6AG	2	Q :STR Q, PY/MG VNS, MASS MG/PY 193.4-193.7
L	196.6	200.1	TFLP	5AG	3	Q :TR SCORZ, MASS PY/MG/HE 196.7-197.1, MASS
L						:PY W/ 20% QZ 198.8-199.0 & 199.8-200.1m
L	200.1	203.6	TFLP	6AG	2	Q :MIN ANDALUSITE W/ SCORZ SP'S, 3-4% PY VNS
L						:4-5% DS PY
L	203.6	206.7	TFLP	4AG	3	Q :4-5% PY/MG/HE VNS & VNLTS, 2-3% DS PY
L	206.7	209.9	TFAS	4TG	3	Q :2-3% PY/MG/HE VNS & VNLTS, TR DS PY
L	209.9	213.0	TFAS	6GA	1	Q :MIN PY/MG/HE VNLTS, TR DS PY
L	213.0	216.0	TFDT	6TG	1	QS :AS ABOVE
L	216.0	219.1	TFDT	5TG	3	QS :SEVERAL PY/MG/HE VNLTS, TR DS PY
L	219.1	222.5	TFDT	5TG	2	QS :FEWER PY/MG/HE VNLTS & PT'S
L	222.5	225.7	TFDT	4AG	2	Q :GY VNLTS, MASS PY/MG PT, MIN PY VNLTS
L	225.7	228.8	TFDT	4AG	2	Q :GY VNS, 2-3 % PY/MG VNLTS

L	228.8	233.3	TFDT	4GA	2	Q	:SMALL PY/MG/TET PT'S. MIN PY VNLTS
L	233.3	237.1	ANDY	5GA	1		:FG W/ QZ & GY VNLTS
L	237.1	240.2	TFDT	6GT	2	QS	:GY VNLTS, 2-3% PY VNLTS +/- HE/MG
L	240.2	243.2	TFDT	6GT	1	QS	:AS ABOVE
L	243.2	246.5	TFDT	5GT	3	QS	:CL VNLTS +/- PY, GY VNLTS, PT'S DS PY
L	246.5	249.3	TFDT	5GT	3	QS	:AS ABOVE; PY VNS +/- SL
L	249.3	252.0	TFDT	4AG	2	Q	:MIN CL VNLTS, 1-2 % PY +/- MG VNLTS
L	252.0	260.8	ANDY	6WG			:FG W/ ANHEDRAL FLAG. GY VNLTS
L	260.8	264.3	TFAS	6AG	1	Q	:CL VNLTS & SP'S, MIN GY VNLTS, 1-2% DS PY
L	264.3	267.3	TFAS	5AG	2	Q	:TR CP W/IN GY VNS, MIN PY VNLTS.1-2%DS PY
L	267.3	270.6	TFAS	5AG	1	Q	:MIN GY VNLTS & VNS, TR PY VNLTS.3-4%DS PY
L	270.6	273.9	TFAS	6AG	2	Q	:CL SPS & VNLTS, GY VNS & VNLTS, 3-4%DS PY
L	273.9	277.3	TFDT	4AG	2	Q	:GY & QZ VNS, 2-3% PY +/- MG/HE VNLTS.
L	277.3	280.1	TFDT	4AG	3	Q	:SEV CL/PY/MG/HE VNLTS. MIN PY VNS & PT'S
L							:2-3 % DS PY
L							:HOLE ABANDONED DUE TO CAVING @ 280.1m

DDH X90CH404 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S		26.6	CN	-			:CN BTW TFDS / ANDY - NOT IN CORE
S		34.8	CN	-			:CN BTW ANDY/TFLP - NOT IN CORE
S	58.9	59.7	VN	35		25	:VN W/ 60% SL, 30% PY, 10% QZ
S		102.6	CN	35			:CN BTW TFAS/ANDY
S		107.2	CN	45			:CN BTW ANDY/ANDY
S		111.9	VN	25		10	:40 PY- 40 SL- 20 QZ
S		117.8	VN	20		25	:80 PY- 20 QZ
S		129.7	VN	10		20	:60 PY- 5 SL- 35 QZ
S		140.7	VN	20		30	:80 PY- 2 SL- 18 QZ
S		182.1	VN	25		20	:60 PY- 10 SL- 10 MG+HE- 20 QZ
S		233.2	CN	40			:CN BTW TFDT/ANDY
S		237.1	CN	30			:CN BTW ANDY/TFDT
S		252.0	CN	-			:CN BTW TFDT/ANDY - NOT IN CORE
S		260.8	CN	35			:CN BTW ANDY/TFDT

DH X90CH404 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	18.8	19.8	9685		.094	121.0	5.40	.016	.05	30.8	1.72	.06
A	37.8	40.9	9686		.018	7.0	.08	.008	.01	5.35	.02	.01
A	44.2	47.5	9687		.03	10.0	.38	.004	.005	3.38	.33	1.21
A	50.7	54.1	9688		.008	11.0	.34	.13	.01	2.97	.70	7.5
A	57.1	60.6	9689		.019	9.0	.25	.007	.02	4.09	.12	1.54
A	60.6	63.8	9690		.007	6.0	.34	.006	.005	4.17	.04	.14
A	63.8	67.7	9691		.001	7.0	.19	.02	.01	4.28	.09	.37
A	67.7	70.9	9692		.001	5.0	.18	.01	.01	21.9	.03	.07
A	98.3	102.6	9693		.011	2.0	.04	.01	.001	4.43	.03	.04
A	110.2	113.4	9694		.001	4.0	.06	.01	.05	2.73	.06	.42
A	113.4	116.3	9695		.02	7.0	.09	.01	.01	8.98	.05	.33
A	116.3	119.5	9696		.01	10.0	.12	.01	.005	4.81	.06	.15
A	119.5	122.8	9697		.02	2.0	.03	.01	.001	2.50	.02	.06
A	122.8	126.2	9698		.01	6.0	.12	.01	.005	10.40	.06	.04
A	126.2	129.3	9699		.04	49.0	.67	.03	.01	3.84	.10	.01
A	129.3	132.1	9700		.01	8.0	.11	.01	.005	12.80	.02	.001
A	138.2	141.3	9701		.001	3.0	.06	.01	.001	7.95	.01	.001
A	157.7	159.8	9702		.01	13.0	.21	.01	.005	18.8	.02	.08
A	159.8	162.8	9703		.16	30.0	.14	.03	.005	13.10	.02	.01
A	162.8	165.2	9704		.005	7.0	.05	.01	.005	4.72	.01	.005
A	165.8	169.0	9705		.03	8.0	.19	.02	.001	14.20	.01	.08
A	169.0	172.0	9706		.001	3.0	.07	.01	.001	4.61	.02	.13
A	178.0	181.6	9707		.02	26.0	.36	.02	.01	7.6	.07	.03
A	181.6	184.6	9708		.04	45.0	.55	.02	.005	2.9	.11	.02
A	184.6	187.6	9709		.01	7.0	.08	.005	.01	2.1	.04	.02
A	187.6	190.3	9710		.05	29.0	.31	.01	.02	4.1	.07	.06
A	190.3	193.3	9711		.04	23.0	.35	.005	.02	3.0	.07	.03
A	193.3	196.6	9712		.01	38.0	1.50	.01	.02	4.5	.09	.02
A	196.6	200.1	9713		.05	30.0	.53	.02	.04	16.0	.03	.03
A	200.1	203.6	9714		.12	42.0	.49	.02	.01	6.6	.02	.05
A	203.6	206.7	9715		.10	85.0	1.05	.01	.01	3.9	.04	.08
A	206.7	209.9	9716		.03	35.0	.43	.01	.005	4.7	.03	.04
A	216.0	219.1	9717		.01	15.0	.20	.01	.005	2.3	.01	.01
A	219.1	222.5	9718		.005	5.0	.13	.01	.005	2.3	.005	.005
A	222.5	225.7	9719		.012	6.0	.07	.005	.01	2.53	.005	.005
A	225.7	228.8	9720		.001	7.0	.1	.005	.01	2.64	.01	.001
A	228.8	233.2	9721		.014	7.0	.19	.005	.01	2.59	.005	.001
A	243.2	246.5	9722		.113	12.0	.21	.005	.01	3.38	.01	.005
A	246.5	249.3	9723		.047	10.0	.15	.005	.01	2.70	.01	.001
A	249.3	252.0	9724		.023	17.0	.26	.005	.005	1.81	.03	.001
A	264.3	267.3	9725		.013	10.0	.14	.01	.02	3.07	.01	.01
A	267.3	270.6	9726		.025	12.0	.08	.01	.02	2.45	.01	.01
A	270.6	273.9	9727		.044	12.0	.09	.01	.03	2.94	.01	.005
A	273.9	277.3	9728		.130	13.0	.13	.02	.01	2.30	.01	.01
A	277.3	280.1	9729		.360	19.0	.45	.01	.01	2.24	.01	.001

DDH X90CH405 SURVEY LOG

H DDHID : X90CH405
H LOGGED BY : MLA
H DATE : 90.01
H CORE SIZE : BQ
H PROPERTY : EQUITY MAIN ZONE
H GRID AZM. : 000

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	64.0	000	-86.0	7559.795	8350.654	1306.902
R	64.0	164.6	000	-85.0			
R	164.6	210.3	000	-85.0			
R	210.3	298.7'	000	-85.0			
R	298.7	332.2	000	-86.0			
R	332.2	426.7	000	-87.0			

DDH X90CH405 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	12.2	OVBN	--	-	-	:TRICONED AND CASED - NO CORE
L	12.2	15.6	TFDT	7WT	3	QS	:CORE BROKEN, PY/HE VNS(OXIDIZED), TR DS PY
L	15.6	19.1	TFDT	6WT	3	QS	:TFLP PT'S VNS(OXIDIZED), 1-2% PS PY
L	19.1	22.1	TFLP	6AT	2	QS	:CORE BROKEN, MIN PY VNLTS TR DS PY
L	22.1	25.5	TFLP	7AT	2	QS	:CORE BROKEN, MIN QZ VNS t/- HS&PY4%
L	25.5	28.5	TFDT	7AT	1	QS	:CORE BROKEN, MIN HS t/- PY VNLTS, TR CL VNLTS
L	28.5	31.8	TFLP	6AG	2	Q	:CORE BROKEN, SUB-ROUNDED FRAGS, MIN HS VNLTS t/- PY
L	31.8	34.7	TFLP	6AG	1	Q	:PT'S OF TFDT, CL VNLTS, TR HS t/- PY VNLTS
L	34.7	37.7	TFLP	6AG	1	Q	:TR QZ VNS W/ HS&PY, TR DS PY TR QZ VNLTS
L	37.7	40.9	TFLP	5AG	2	Q	:INTLEV W/ TFDT, MIN CL VNLTS, TR DS PY% HS
L	40.9	44.2	TFLP	6AG	2	C	:CALT'D PT'S-GG ZONES THROUGHOUT INT, WK QALT'N
L	44.2	47.2	TFLP	6AG	2	C	:AS ABOVE :SMALL GG ZONES, TR DS PY%
L	47.2	50.2	TFLP	5AG	2	Q	:PT'S OF TFAS, TR QZ/CB LL'S, TR DS PY
L	50.2	53.1	TFLP	5AG	2	Q	:PT'S OF TFAS, MIN HS/MG PT'S W/MIN PY
L	53.1	56.2	TFLP	6WG	2	Q	:SUB-ROUNDED CL FRAGS, MIN MG/HS VNLTS
L	56.2	59.2	TFLP	6AG	2	Q	:AS ABOVENW/TFAS PT'S
L	59.2	62.6	TFAS	7AG	1	Q	:CORE BROKEN, TR QZ/CB VNLTS5%, SL/PY/GL &
L	62.6	65.5	TFLP	6AG	2	Q	:MIN PY/MG/HS VNLTS, TR DS PY
L	65.5	68.4	TFLP	5TG	1	Q	:PT'S OF TFAS, TR PY VNLTS
L	68.4	71.5	TFLP	6TG	2	Q	:MIN QZ/CB VNS W/PY CUBES
L	71.5	74.4	TFLP	7AG	2	Q	:TFDT PT'S, MIN CL VNLTS t/- PY
L	74.4	77.1	TFLP	6AG	1	Q	:TFAS PT'S, MIN PY t/- MG/HS/CL VNLTS &

							PT'S
L	77.1	80.4	TFAS	7GA	1	Q	:TR TFLP PT'S, 1-2% DS PY
L	80.4	83.1	TFAS	6GA	2	Q	:CRS TFAS, 1-2% DS PY, TR MG/HS PT'S, TR CL VNLTS
L	83.1	86.1	TFDT	7GA	2	Q	:2-3% QZ/PY/MG/HS VNLTS
L	86.1	89.0	TFLP	5GA	1	Q	:MIN HE & PY BLEBS
L	89.0	92.1	TFLF	6GA	3	Q	:INT Q ALT'N, 3-4% PY VNLTS & BLEBS, TR SCORZ
L	92.1	95.2	TFLP	6GA	4	Q	:INT Q, LOCALLY BX'D, 4-5% PY VNLTS & BLEBS, TR CPY BLEBS
L	95.2	98.1	TFLP	6GA	3	Q	:AS ABOVE: MIN MG/HS W/IN PY VNLTS
L	98.1	101.2	TFLP	6TA	3	Q	:AS ABOVE: 5-6% PY VNS & VNLTS t/- MG/HS, 1-2% DS PY
L	101.2	104.3	TFAS	6TA	3	Q	:WKLY BX'D, STR Q, MIN SCORZ, 4-5% PY +/- MG/HS VNS & VNLTS
L	104.3	107.5	TFLP	5TA	2	Q	:F.G. TFLP, STR Q, 3-4% PY +/- SL +/- MG/HS VNS & VNLTS
L	107.5	110.2	TFLP	5TA	3	Q	:INT. Q, 7-8% PY +/- MG/NS VNS & VNLTS, 3-4% DS PY
L	110.2	113.4	TFLP	5TA	2	Q	:CRS TFLP, STR Q, 4-5% PY +/- MG VNS & VNLTS, 2-3% DS PY
L	113.4	116.5	TFLP	4GA	2	Q	:2-3% PY VNLTS, 3-4% PS BLEBS PY, SMALL ANDY PT
L	116.5	122.8	ANDY	4G	-	-	:MIN QZ/CB VNLTS
L	122.8	126.5	TFLP	4WA	3	Q	:INT Q, PT'S OF MASSIVE PY(15-18%), 5-6% DS PY
L	126.5	130.1	MSDE	4YT	3	PY	:MASS. PY W/8-10% QZ VNLTS, TR SL BLEBS
L	130.1	133.3	TFLP	6TA	3	Q	:GRADES TO TFDT, 5-6% PY VNS & VNLTS, 1-2% PS PY
L	133.3	137.1	TFDT	7TA	3	QS	:TFLP PT'S, 4-5% PY +/- SL VNS & VNLTS, MIN QZ VNLTS
L	137.1	140.5	TFDT	7TA	2	Q	:MIN SCORZ. SP'S, 2-3% QZ VNS +/- PY, 1-2% PY VNLTS
L	140.5	145.5	LADY	7GA	2	Q	:CORE BROKEN, F.G W/ PLAG P*, TR DS PY
L	145.5	148.3	ANDY	5WG	2	-	:CORE BROKEN, CL MATRIX PLAG P*
L	148.3	151.1	TFLP	6GA	2	Q	:STR Q, 3-4% DS PY, 2-3% PY VNLTS
L	151.1	154.3	TFLP	5GG	2	Q	:QZ VNS +/- PY PT'S (3-4%), 3-4% PS PY
L	154.3	157.4	TFDT	4GA	3	Q	:MIN PY VNLTS, 3 PY/QZ VNS +/- MG/HE
L	157.4	160.7	TFLP	4GA	2	Q	:2-3% PY +/- TR CPY VNS &VNLTS, 1-2% DS PY
L	160.7	164.3	TFLP	5GA	2	Q	:TR SCORZ, 2-3% PY VNLTS, 1 QZ/PY VN, 1-2% DS PY
L	164.3	169.8	ANDY	4G	-	-	:TR QZ/CB VNLTS
L	169.8	173.1	TFDT	6TA	3	Q	:1-2% PY VNLTS, TFLP PT'S W/ 2-3% DS PY
L	173.1	175.7	TFAS	5TA	2	Q	:3-4% PY +/- QZ VNS & VNLTS, 2-3% DSPY
L	175.7	178.9	TFAS	5TA	2	Q	:TR SCORZ, 2 PY W/MIN QZ VNS BTW 177.2-177.7m, 5-6% PY VNLTS & VNS
L	178.9	181.9	TFAS	5WA	3	Q	:STRQ, 5-6% QZ/PY VNS & VNLTS, TR CPY W/PY
L	181.9	185.0	TFAS	4YA	4	Q	:LOCAL BX W/ PY INFILL 20-22%, PY VNS & VNLTS 3-5%, TRCPY
L	185.0	188.4	TFAS	4WA	3	Q	:GG BTW 185.8-187.1m, QZ/PY +/- MG VNS 4-5%
L	188.4	191.9	TFAS	5GA	2	Q	:TFDT PT'S, MIN PY VNS +/- SL, 3-4% PY VNLTS, TR DS PY
L	191.9	195.0	TFAS	4GA	2	Q	:TR SCORZ, 1-2% PY VNS +/- MG &VNLTS
L	195.0	197.6	TFAS	5TA	2	Q	:TFLP PT'S, TR SCORZ, 1-2% PPY VNS, MIN

						QZ/HS VNLTS
L	197.6	200.9	TFLP	5TA	2	Q :TFAS PT'S, 1 PY VN 3cm across at 198.9m, 2-3% PY VNLTS
L	200.9	204.2	TFLP	4TA	2	Q :MASS. PY ZONE BTW 200.9 - 201.3m, MIN PY VNS & VNLTS
L	204.2	207.3	TFLP	4TA	2	Q :CRS TFLP MG/PY/TT ZONE BTW 204.3-204.5m, 2-3% PY/MG VNLTS 3-4% DS PY
L	207.3	210.2	TFLP	4AG	2	Q :CRS TFLP. CL MATRIX & VNLTS, +/- MG & PY, TR PY VNLTS
L	210.2	213.2	TFLP	4AG	2	Q :AS ABOVE: 2 PY/MG VNS (2cm across), 1-2% DS PY
L	213.2	216.4	TFAS	4AG	2	Q :GY VNLTS 4-5% CL VNLTS +/- PY & MG, TR DS PY
L	216.4	219.6	TFAS	5AG	1	Q :MIN TFLP PT'S, TR GY VNLTS, 1 PY/MG VN, TR PY VNLTS
L	219.6	222.6	TFLP	5AG	1	Q :GY & CL VNLTS, PY W/ MIN MG PT'S, TR DS PY
L	222.6	225.8	TFLP	6AG	2	Q :TFDT PT'S, GY & CL VNLTS, 1 PY/MG VN, MIN PY/MG VNLTS
L	225.8	228.8	TFLP	6AG	2	Q :GRADES INTO TFDT, TR PY VNLTS, MIN GY VNLTS, 1-2% DS PY
L	228.8	231.7	TFDT	5TG	3	QS :LOCAL BX W/ CL/PY INFILL, 2-3% PY DS
L	231.7	234.6	TFDT	6GT	3	QS :AS ABOVE
L	234.6	239.1	ANDY	6G	-	- :F.G. W/TR GY & QZ/CB VNLTS
L	239.1	242.9	TFDT	4TA	2	QS :3-4%SCL+/- PY & MG VNLTS
L	242.9	246.3	TFDT	4GA	1	Q :GRADES INTO TFAS, MIN GY VNLTS & VNS, 2-3% PY VNLTS, 3-4% DS PY
L	246.3	251.9	LADY	7AW	-	- :F.G. W/ FLAG P*
L	251.9	254.9	TFDT	6GT	2	Q :3-4% CL +/- PY & MG VNS & VNLTS. MIN GY VNLTS
L	254.9	258.5	TFDT	5GT	2	Q :TFAS PT'S, SMALL GG ZONE, MIN GY, TR DS PY
L	258.5	261.8	TFAS	5AG	1	Q :GY VNLTS, TR,DS PY
L	261.8	263.9	LADY	7YW	-	- :F.G. W/ FLAG P*
L	263.9	267.1	TFDT	6TG	2	Q :1-2% QZ +/- PY VNS & VNLTS, MIN DS PY
L	267.1	270.3	TFDT	5TG	2	Q :BX PT'S, MIN GY & PY VNLTS, TR DS PY
L	270.3	273.3	TFDT	5AG	2	Q :3-4% PY +/- QZ VNS & VNLTS, TR TT? W/PY
L	273.3	276.6	TFDT	5AG	1	Q :2-3% PY/MG/TT VNS & VNLTS, TR CPY BLEBS
L	276.6	279.6	TFDT	5AG	1	Q :AS ABOVE: 3-4% DS PY
L	279.6	282.7	TFDT	4AG	4	Q :BX'D PT'S, MIN PY +/- TT VNLTS, TR HE SP'S
L	282.7	285.6	TFDT	6GA	2	Q :MIN PY VNS +/- MG & TT, 2-3% PY VNLTS, TR DS PY
L	285.6	288.5	TFDT	6AG	2	Q :SEVERAL CL VNLTS +/- PY, TR CPY W/PY
L	288.5	291.6	TFDT	6AG	2	Q :AS ABOVE
L	291.6	294.7	TFDT	5AG	2	Q :CL VNLTS, TR PY VNLTS, 1-2% DS PY
L	294.7	298.1	TFDT	5AG	2	Q :MIN GY & PY VNLTS, 1-2% PY/MG PT'S
L	298.1	301.1	TFDT	5AG	2	Q :CL VNLTS & MATRIX, TR PY VNLTS
L	301.1	304.2	TFDT	4G	1	Q :CL MATRIX & VNLTS, TR PY +/- CPY VNLTS & LL'S
L	304.2	307.2	TFDT	6AG	3	Q :FEWER CL VNLTS, 3-4% PY VNLTS, 2-3% DS PY
L	307.2	310.5	TFAS	6TG	1	Q :5-6% F.G. DS PY
L	310.5	313.6	TFAS	5AG	2	Q :INCREASED CL VNLTS, 2-3% PY VNLTS, 3-4% DS PY
L	313.6	316.8	TFAS	4AG	2	Q :AS ABOVE

L	316.8	319.8	TFAS	5AG	2	Q :TFDT PT'S, CL +/- PY & MG VNLTS, TR CPY W/PY
L	319.8	323.1	TFAS	4AG	2	Q :1-2% PY VNLTS, MIN DS PY
L	323.1	326.2	TFAS	4AG	3	Q :QZ/CB VNLTS, 2-3% PY VNLTS +/- QZ, MIN DS PY
L	326.2	329.2	TFAS	6GA	3	Q :TFLP PT'S, 1-2% PY +/- CPY BLEBS & LL'S, MIN DS PY
L	329.2	332.2	TFDT	5TG	3	Q :2-3% PY +/- CPY BLEBS & VNLTS, QZ/CB VNLTS PT
L	332.2	335.5	TFDT	4TA	3	Q :CL VNLTS +/- PY & TT, MIN PY VNLTS, 2-3% DS PY
L	335.5	338.7	TFDT	4AT	4	QS :WK BX, 3-4% PY +/-MIN CPY VNLTS, MIN DS PY
L	338.7	344.7	TFDT	3TA	3	QS :lost 3m? of core, 3-4% PY +/- CPY VNLTS, 4-5% DS PY, CPY,TT
L	344.7	347.9	TFDT	3TA	3	Q :2-3% CPY +/- PY VNLTS & BLEBS, CL VNLTS
L	347.9	351.0	TFAS	4GA	2	Q :TFDT PT'S, SP'S & VNLTS, 1 PY/MG VN, 2-3% PY +/- MG & CPY VNLTS
L	351.0	354.1	TFDT	4AT	3	Q :WKBX PT'S, CL VNLTS +/- MG & MIN PY, PY/CPY BLEBS, MIN DS PY
L	354.1	357.2	TFDT	4AG	2	Q :CL +/- MG VNLTS, TR PY VNLTS
L	357.2	360.2	TFAS	5AG	3	Q :MORE CL MATRIX & VNLTS, TR PY VNLTS, MG VNLTS +/-TT
L	360.2	362.9	TFDT	4AG	3	Q :CL VNLTS, 1-2% PY VNLTS +/- MG, TR DS PY
L	362.9	366.1	TFDT	6TG	3	QS :CL VNLTS +/- MG +/- PY, TR DS PY
L	366.1	369.3	TFDT	6TG	2	QS :FEWER CL VNLTS +/- PY +/- MG, TR PY VNLTS
L	369.3	372.6	TFDT	6TG	2	QS :WEAK MS ALT'N, 2 PY/QZ VNS, MIN PY VNLTS
L	372.6	375.7	TFDT	7TA	4	QS :PT'S OF MOD BX W/CL,QZ INFILL, 3-4% PY IN FRACTURES, MIN DS PY
L	375.7	379.6	TFDT	6TA	3	Q :MOD CL VNLTS +/- PY +/- MG/TT, MIN DS PY
L	379.6	383.2	ANDY	4WG	-	- :F.G. W/ MIN PLAG P*, MIN QZ/CB LL'S
L	383.2	386.3	TFDT	6TG	2	Q :SEVERAL CL VNLTS +/- PY, MIN CL/PY PT'S, 3-4% DS PY
L	386.3	388.8	TFDT	5AG	2	Q :CL MATRIX, FEWER CL VNLTS, 1 QZ VN W/ 15-20% PY, MIN DS PY
L	388.8	392.2	TFDT	5AG	2	Q :2-3% PY VNLTS, MIN DS PY
L	392.2	395.3	TFDT	5AG	2	Q :GRADES INTO TFAS, TR PY VNLTS, 3-4% DS PY
L	395.3	398.4	TFAS	5AG	3	Q :TFDT PT'S, 2-3% PY VNS & VNLTS, MIN DS PY
L	398.4	401.4	TFAS	4AG	3	Q :INCREASED CL VNLTS +/- MIN PY, 1-2% PY VNLTS, 2-3% DS PY
L	401.4	404.6	TFAS	6WG	4	Q :WKLY BX'D W/CL & QZ/CB INFILL, 2-3% BLEBS & DS PY
L	404.6	407.8	TFAS	6WG	4	Q :WK BX PT'S, 6-8% PY LL'S & BLEBS W/IN QZ/CB ZONES & VNS
L	407.8	410.9	TFAS	5WG	4	Q :INT. QZ/CB VNS & VNLTS +/- CL & 5-6% PY BLEBS, 4-5% DS PY
L	410.9	414.1	TFAS	5TG	4	Q :PT'S OF WK BX W/ CL INFILL, MIN QZ/CB VNS & VNLTS, 5-6% PY W/IN CL VNS % VNLTS, 3-4% DS PY
L	414.1	417.2	TFAS	4AG	3	Q :CL VNLTS +/- 3-4% F.G. PY, QZ VN W/2-3% PY & MIN CPY, 1-2% DS PY
L	417.2	420.3	TFAS	5AG	3	Q :CL VNLTS, 2-3% PY VNLTS & LL'S, MIN CB VNLTS
L	420.3	423.5	TFDT	4AG	2	Q :MIN CL VNLTS, 2-3% PY VNLTS +/- MG & TT, MIN DS PY

L	423.5	426.7	TFDT	SAG	3	0	:QZ/CB VNLTS W/ 4-5% F.G. PY, TR PY VNLTS, 2-3% DS PY (F.G.)
							END OF HOLE at 426.7

DDH X90CH405 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	42.1	44.2	GG	-		3-4cm	:SMALL GAUGE ZONES THROUGOUT INTERVAL-
S							4 SMALL GG
S	44.2	47.2	GG	15		3-4cm	:AS ABOVE - 3 SMALL GG
S		83.1	CN	40			:CN BTW TFAS/TFDT - SHARP
S		86.1	CN	-			:CN BTW TFDT/TFLP- GRAD
S		116.5	CN	25			:CN BTW TFLP.ANDY
S		122.8	CN	30			:CN BTW ANDY/TFLP
S		140.5	CN	-			:CN BTW TFDT/LADY - NOT IN CORE
S		145.5	CN	-			:CN BTW LADY/ANDY
S		148.3	CN	-			:CN BTW ANDT/TFLP
S		164.3	CN	35			:CN BTW TFLP/ANDY
S		169.8	CN	65			:CN BTW ANDT/TFDT
S	177.2	177.7	VN	60		5-6cm	:2 VNS W/ 80% PY, 15% QZ, 3% MG, 2% SL
S	185.8	187.1	GG	30			:LARGE GG ZONE W/IN TFAS
S	204.4	204.5	VN	-			:ZONE OF 65% MG, 30% PY, 5% TT
S		234.6	CN	45			:CN BTW TFDT/ANDY
S		239.1	CN	40			:CN BTW ANDY/TFDT
S		246.3	CN	35			:CN BTW TFDT/LADY
S		251.9	CN	30			:CN BTW LADY/TFDT
S		261.8	CN	35			:CN BTW TFAS/LADY
S		263.9	CN	60			:CN BTW LADY/TFDT
S		379.6	CN	15			:CN BTW TFDT/ANDY
S		383.2	CN	50			:CN BTW ANDY/TFDT

DH X90CH405 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	68.4	71.5	9730		.013	6.0	.03	.005	.005	1.00	.02	.01
A	83.1	86.1	9731		.015	16.0	.16	.01	.005	.37	.07	.06
A	89.0	92.1	9732		.034	40.0	.57	.02	.01	3.50	.11	.03
A	92.1	95.2	9733		.08	159.0	1.28	.04	.015	4.52	.16	.07
A	95.2	98.1	9734		.21	199.0	1.03	.09	.018	5.75	.09	.09
A	98.1	101.2	9735		.03	45.0	.86	.01	.013	6.37	.13	.42
A	101.2	104.3	9736		.01	20.0	.46	.01	.009	5.20	.05	.03
A	104.3	107.5	9737		.01	24.0	.50	.01	.010	4.05	.06	.14
A	107.5	110.2	9738		.01	16.0	.86	.01	.002	7.10	.06	.02
A	110.2	113.4	9739		.005	12.0	.36	.01	.002	5.68	.11	.04
A	113.4	116.5	9740		.005	9.0	.56	.01	.002	5.74	.07	.03
A	122.8	126.5	9741		.005	8.0	.95	.01	.003	15.60	.03	.06
A	126.5	130.1	9742		.005	14.0	.67	.02	.009	35.00	.02	.09
A	130.1	133.3	9743		.005	23.0	.32	.01	.001	5.87	.05	.03
A	133.3	137.1	9744		.005	12.0	.46	.01	.006	8.09	.05	.02
A	137.1	140.5	9745		.005	8.0	.17	.01	.001	3.22	.04	.12
A	148.3	151.1	9746		.02	15.0	.37	.01	.001	3.95	.12	.02
A	151.1	154.3	9747		.02	27.0	.27	.02	.01	5.10	.12	.03
A	154.3	157.4	9748		.02	18.0	.28	.02	.01	5.10	.10	.01
A	157.4	160.7	9749		.01	10.0	.26	.02	.005	4.10	.12	.05
A	160.7	164.3	9750		.01	8.0	.25	.02	.005	4.60	.08	.07
A	169.8	173.1	9751		.01	13.0	.45	.005	.001	4.47	.08	.01
A	173.1	175.7	9752		.02	18.0	.41	.01	.001	5.91	.12	.05
A	175.7	178.9	9753		.08	63.0	.54	.03	.005	10.34	.07	.08
A	178.9	181.9	9754		.03	27.0	.26	.02	.001	10.38	.06	.04
A	181.9	185.0	9755		.01	15.0	.13	.01	.001	25.9	.03	.01
A	185.0	188.4	9756		.01	9.0	.17	.01	.001	7.3	.02	.01
A	188.4	191.9	9757		.02	19.0	.20	.01	.001	6.09	.03	.01
A	191.9	195.0	9758		.03	128.0	.63	.01	.001	4.50	.07	.02
A	195.0	197.6	9759		.02	16.0	.14	.01	.001	5.42	.02	.09
A	197.6	200.9	9760		.005	7.0	.10	.001	.001	4.49	.01	.01
A	200.9	204.2	9761		.01	3.0	.12	.005	.02	6.32	.01	.01
A	204.2	207.3	9762		.01	7.0	.17	.005	.03	6.34	.02	.01
A	207.3	210.2	9763		.04	49.0	.49	.02	.01	2.07	.14	.02
A	210.2	213.2	9764		.02	12.0	.10	.02	.02	4.01	.04	.03
A	213.2	216.4	9765		.03	47.0	.37	.02	.02	3.39	.12	.06
A	216.4	219.6	9766		.03	44.0	.35	.02	.02	2.62	.10	.05
A	219.6	222.6	9767		.01	19.0	.21	.01	.01	1.92	.06	.06
A	222.6	225.8	9768		.005	8.0	.11	.01	.01	3.04	.03	.04

A	225.8	228.8	9769	.001	7.0	.13	.01	.01	2.82	.04	.09
A	228.8	231.7	9770	.001	2.0	.08	.01	.01	2.56	.005	.005
A	231.7	234.6	9771	.01	3.0	.08	.01	.005	2.66	.005	.005
A	239.1	242.9	9772	.005	2.0	.03	.01	.001	2.31	.001	.005
A	242.9	246.3	9773	.053	8.0	.17	.01	.01	4.25	.005	.01
A	251.9	254.9	9774	.020	4.0	.13	.01	.005	2.94	.005	.01
A	270.3	273.3	9775	.043	5.0	.62	.01	.005	3.62	.01	.02
A	273.3	276.6	9776	.049	3.0	.47	.01	.01	3.88	.005	.01
A	276.6	279.6	9777	.080	4.0	.36	.01	.01	2.04	.005	.01
A	279.6	282.7	9778	.024	4.0	.25	.01	.01	3.14	.005	.01
A	282.7	285.6	9779	.057	5.0	.28	.01	.01	3.71	.005	.01
A	285.6	288.5	9780	.048	3.0	.23	.01	.005	3.05	.005	.01
A	288.5	291.6	9781	.025	13.0	.15	.01	.005	3.97	.005	.20
A	291.6	294.7	9782	.038	27.0	.25	.01	.005	3.15	.03	.01
A	294.7	298.1	9783	.020	12.0	.13	.01	.005	2.54	.02	.01
A	304.2	307.2	9784	.023	16.0	.26	.01	.01	3.39	.02	.02
A	307.2	310.5	9785	.070	11.0	.20	.02	.03	3.12	.03	.06
A	310.5	313.6	9786	.170	5.0	.09	.01	.01	4.19	.01	.16
A	313.6	316.8	9787	.040	7.0	.33	.01	.005	4.64	.01	.03
A	316.8	319.8	9788	.050	9.0	.25	.01	.01	3.38	.005	.01
A	319.8	323.1	9789	.050	5.0	.12	.01	.02	3.67	.001	.001
A	323.1	326.2	9790	.390	13.0	.40	.02	.02	2.79	.001	.005
A	326.2	329.2	9791	.050	29.0	1.28	.02	.02	1.25	.001	.001
A	329.2	332.2	9792	.160	23.0	.74	.02	.03	1.96	.001	.005
A	332.2	335.5	9793	.090	24.0	1.04	.02	.03	1.70	.001	.005
A	335.5	338.7	9794	.220	26.0	1.50	.02	.10	2.74	.005	.001
A	338.7	344.7	9795	.360	21.0	.49	.02	.06	3.50	.001	.005
A	344.7	347.9	9796	2.050	93.0	1.28	.11	.12	2.74	.005	.05
A	347.9	351.0	9797	.14	55.0	1.21	.02	.10	2.30	.010	.01
A	351.0	354.1	9798	.29	31.0	.62	.01	.13	2.90	.010	.01
A	354.1	357.2	9799	.05	14.0	.37	.01	.14	4.20	.010	.02
A	357.2	360.2	9800	.03	7.0	.13	.01	.01	4.50	.010	.08
A	360.2	362.9	9801	.06	8.0	.18	.01	.01	4.30	.030	.06
A	362.9	366.1	9802	.06	23.0	.42	.01	.005	4.00	.020	.04
A	366.1	369.3	9803	.10	20.0	.32	.01	.005	4.30	.040	.06
A	369.3	372.6	9804	.14	16.0	.22	.01	.005	4.90	.020	.06
A	372.6	375.7	9805	.03	3.0	.10	.01	.01	4.20	.010	.03
A	375.7	379.6	9806	.13	8.0	.12	.01	.005	4.50	.005	.01
A	383.2	386.3	9807	.08	4.0	.07	.01	.01	4.20	.005	.01
A	386.3	388.8	9808	.03	1.0	.05	.01	.01	3.7	.005	.01
A	388.8	392.2	9809	.02	3.0	.06	.01	.05	4.43	.01	.01
A	392.2	395.3	9810	.01	7.0	.13	.01	.08	3.82	.02	.08
A	395.3	398.4	9811	.08	34.0	.68	.01	.08	4.55	.02	.05
A	398.4	401.4	9812	.06	10.0	.09	.005	.02	4.22	.01	.01
A	401.4	404.6	9813	.01	3.0	.06	.005	.01	3.94	.001	.01
A	404.6	407.8	9814	.05	8.0	.07	.01	.01	4.69	.01	.02
A	407.8	410.9	9815	.09	12.0	.11	.01	.01	4.08	.01	.15
A	410.9	414.1	9816	.03	7.0	.09	.005	.01	4.29	.001	.01
A	414.1	417.2	9817	.01	5.0	.10	.005	.01	3.81	.001	.01
A	417.2	420.3	9818	.02	4.0	.06	.005	.001	4.34	.001	.01
A	420.3	423.5	9819	.01	3.0	.04	.005	.005	4.22	.001	.01
A	423.5	426.7	9820	.03	4.0	.06	.01	.001	3.78	.001	.01

APPENDIX II

EQUITY SILVER MINES LABORATORY

SAMPLE PREPARATION AND ANALYTICAL PROCEDURE

i) rock preparation

- samples are hot air dried and pulverized to -100 mesh

ii) analytical procedure for Cu, Zn, Pb, As, Sb, Ag, Fe

- 1 gram of pulverized material is dissolved in 5 ml of nitric acid
- solution is boiled for 15 minutes
- 20 ml of 2% tartaric and 10 ml hydrochloric acid are added
- solution is heated gently for 10 minutes
- solution is cooled and allowed to settle for 15 minutes
- analysis by Atomic Absorption

iii) analytical procedure for Au

- fire assay 25.0 gram sample with 130 grams of flux and 2 mg silver
- to prill from fire assay add 2 ml 1:1 nitric acid
- heat gently
- add 3 ml conc. hydrochloric acid
- cool solution to room temperature
- analysis by Atomic Absorption

FIGURE 6
EQUITY MINESITE
1990 DRILL HOLE PLAN

LEGEND

⊗ DRILL HOLE COLLAR

T 89
T 92
T 93
T 102
T 103
REV 4
REV 5
T 87
SG 42
SG 41
SG 2 FR
REV 3
T 85
SG 40
SG 39
SG 3 FR
REV 1
SG 13
SG 63
SG 11
ML 6
SG 61
SG 1
SG 52
SG 51
SG 3
SG 18
GAUL 19
SG 54
SG 5
SG 20
SG 19
SG 30
SG 29
SG 56
GAUL 18

Access Road to Houston (37km)
VOLCANIC FLOW DIVISION
TERTIARY VOLCANICS
PLANTSITE
Berzelius Creek Diversion
NORTH ZONE
WATERLINE ZONE
GABBRO MONZONITE COMPLEX
MAIN ZONE
Bessemer Creek
SEDIMENTARY-PYROCLASTIC DIVISION
PYROCLASTIC DIVISION
CML 1
QUARTZ MONZONITE
SOUTHERN TAIL ZONE
Getty Creek
Superstition Creek

Fault
Geologic Contact (assumed)
Road
Surface Projection of Mineralization

DATA PLOTTED ON THIS MAP:
DIRECTORY: /EQUITY_OD/USR/GL-DDH

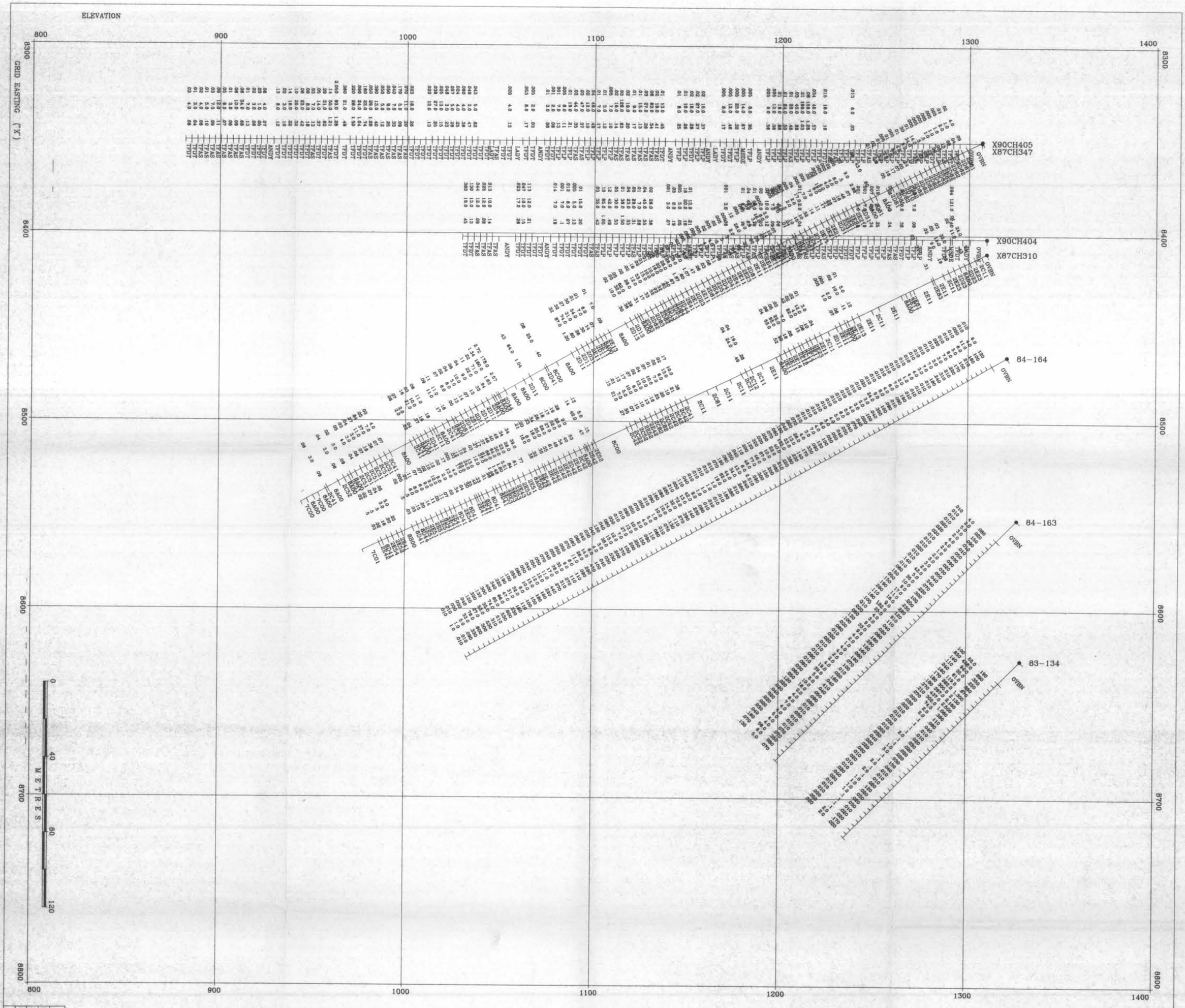
		FIELD	FILE
⊗	POINTS:	DH	GR90 -1.COL2
△	POINTS:	ID	CLAIM.NAMES
		DH	GR90 -1.TRACK2
		ID	CLAIM.OUTLINE

N

0 200 400 600
METRES

EQUITY SILVER MINES LTD.
DRAWN EXP
DATE 91:03:13
SCALE 1:5000
FIGURE 6
EQUITY MINESITE
1990 DRILL HOLE PLAN
NO. PLATE

ELEVATION



LOCATION OF THIS CROSS-SECTION

XL	YL	XR	YR
8300.	7560.	8800.	7560.

WIDTH ZT ZB
80. 1350. 850.
LOOKING N

DIRECTORY: /EQUITY_OD/USR/GL-DDH
DATA FILE: GL-MAIN.TMP

POSTED DATA
ASSAYS DH ROCK TYPE
% CU PGI
G/TAG
G/TAU

EQUITY SILVER MINES LTD.

DRAWN EXP
DATE 91.03.14
SCALE 1:1000

FIGURE 7
EQUITY MINESITE
SECTION 7560 N

NO. PLATE