ASSESSMENT REPORT

FOR THE

1989 DIAMOND DRILLING

ON THE

RED

MINERAL CLAIMS

OMINECA MINING DIVISION

NTS 93L/16

LATITUDE 54 59' N

LONGITUDE 126 07' W

OWNED BY: GERARD AUGER

WORK BY: EQUITY SILVER MINES LIMITED

REPORT BY: D. J. HANSON

FEBRUARY 1988

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INTRODUCTION

i) LOCATION. PHYSIOGRAPHY and ACCESS

The Red claims are located on the northeast side of Babine lake, approximately 18 km due north of the village of Topley Landing, B. C. The claims are approximately 650 km north-northwest of Vancouver (see Figure 1).

The property is within the gentle, and occasionally steep, hills of the Nechako Plateau physiographic region. Bedrock exposure is poor due to an abundance of glacial drift. The property sits on a southwesterly slope at and average elevation of 1000 m above sea level. The area is forested with mainly spruce and poplar, and some of the property was logged approximately 20 years ago.

Access to the property is via the Hagan Arm logging road which can be reached by the Northwood ferry barge that crosses Babine Lake from Topley Landing to Nose Bay. The drillsites are accessed by a connecting four-wheel-drive trail (see Figure 2) beginning 17 km north of Nose Bay. Alternate access maybe gained by the Bell mine ferry which crosses the lake farther to the north.

Topley Landing is 43 km north of Topley which is situated on Highway 16, 262 km west of Prince George and 119 km east of Smithers. Daily jet air service from Vancouver is available to both Prince George and Smithers. The nearest helicopter bases are in Smithers and Houston, B. C.

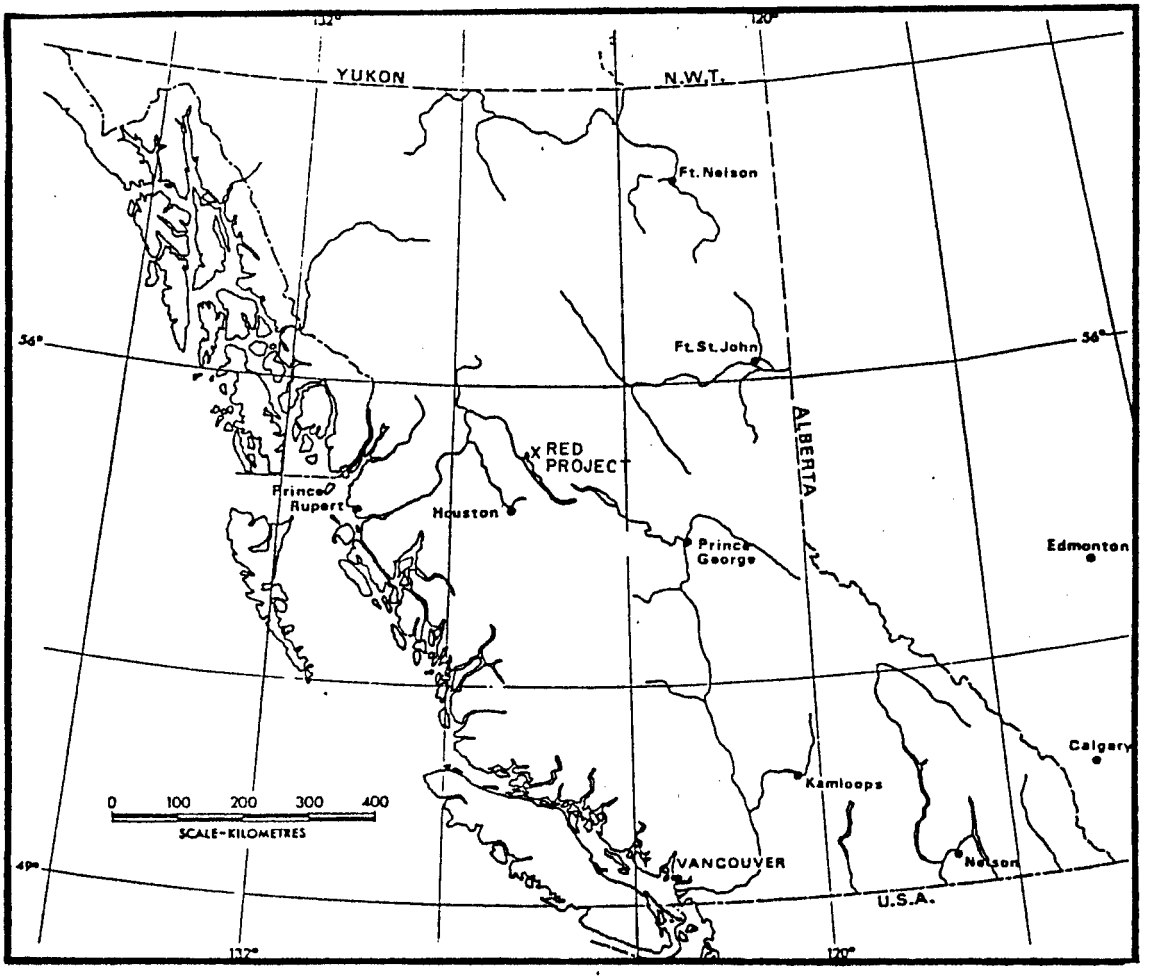


Figure 1. Property Location Map

ii) CLAIM OWNERSHIP and STATUS

The Red claims are owned by the estate of Gerard Auger of Kamloops, B. C. and are currently optioned (via Anglo Canadian Mining Corporation) to Equity Silver Mines Limited. Equity operates a 10,000 tonne/day open pit silver-copper-gold mine approximately 85 km south of the Red property.

For the purpose of recording this assessment work, the RED group is currently defined as follows:

TABLE I

CLAIM STATUS - RED PROPERTY

CLAIM	RECORD NO.	UNITS	ANNIVERSARY DATE
RED 1	6248	20	May 30
RED 2	7490	10	Feb. 27
RED 3	9043	8	Oct. 8
RED 4	9923	20	Nov. 3

iii) CLAIM HISTORY

The area covered by the present Red claims has been partially explored by the Granby Mining Company, Bethex Explorations Limited, Canadian Superior Exploration Limited, and Quintana Minerals Corporation during the period from 1964 to 1972.

In 1985 N.C.Carter reviewed the existing data and recommended further magnetic and electromagnetic surveys. In 1986 Geotronics Surveys Limited carried out the recommended work. Mark (1986) discusses these surveys in some detail. Several sub-parallel conductors striking northeast-southwest were determined, and diamond drilling and extension of the geophysical grid were recommended.

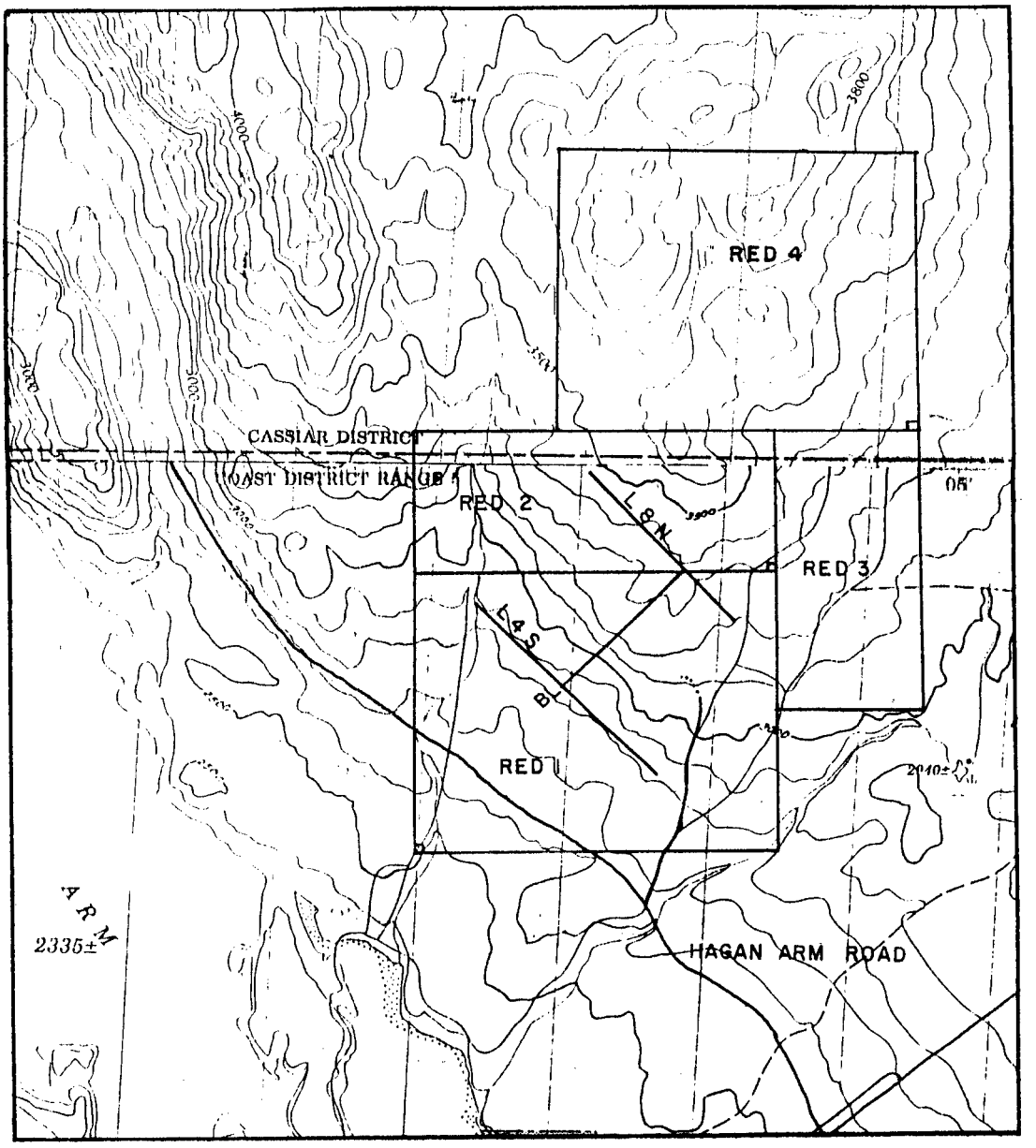
Equity Silver Mines Limited optioned the claims in June of 1987 and drilled seven diamond drillholes (857.3 metres) to test

electromagnetic conductors I and VII as defined in Mark's 1986 report. Drilling on conductor VII intersected a near vertical zone of semi-massive, sediment hosted, pyrite/ pyrrhotite mineralization occurring over a strike length of 220 metres and varying from 30 to 50 metres in thickness. No significant assays were obtained but Pease (1988) recommended geophysics and more drilling along strike and down dip of the "massive" sulfide zone.

In 1988, Peter E. Walcott & Assoc. Ltd. carried out an induced polarization survey that relocated and defined in more detail the 1966 Bethex I.P. anomaly and traced the 1986 Geotronics E.M. conductors VI and VII along strike 1000 metres to the northeast. Walcott (1989) recommended a magnetic survey and diamond drilling to further test this zone of anomalous I.P.

iv) PURPOSE

The diamond drilling program as described in this report was designed to test a continuous zone (horizon) striking at N30E and extending from L2S to L18N as defined by higher I.P. chargeability readings that are generally associated with lower resistivity (see Figure 3). This zone contains the Geotronics E.M. conductors VI and VII and the "massive" sulfide zone discovered in the 1987 drilling.



EQUITY SILVER MINES LIMITED

RED CLAIMS

FIGURE 2. CLAIM MAP

N.T.S. 93L/6 1:50,000
93M

0 1 2

Km

Figure 2 - Claim Location Map

v) SUMMARY

The Red claims are located on the northeast side of Babine Lake approximately 650 km north-northwest of Vancouver, B. C. They are currently under option to Equity Silver Mines Limited.

Part of the present claim area has been explored by numerous geophysical surveys, the most recent of which outlined a 2000 metre long horizon of high chargeability and low resistivity that is partly coincident with previously known magnetic anomalies and electromagnetic conductors. Previous diamond drilling at the southeast end of these anomalies indicated a near vertical zone of sediment hosted, "massive" pyrite/pyrrhotite mineralization occurring over 220 metres of strike and up to 50 metres in true thickness.

Six NQ diamond drillholes, totalling 914.4 metres, were drilled along NW-SE sections approximately 400 metres apart to test the anomalous horizon. No significant intersections of economic grade were obtained.

Graphitic mudstones are believed to be the cause of the induced polarization anomalies drilled in this program.

Stratabound massive sulfides associated with sedimentary rocks in a reducing environment remain an attractive target on this property.

This report documents expenditures of $94,929.50 on the Red property (see Table 1).

REGIONAL GEOLOGY

Most of the following is taken directly from Carter (1985).

The Babine Lake area is within the Intermontane tectonic belt, which is underlain principally by Mesozoic layered rocks. The most widespread of these in this area being volcanic and sedimentry rocks of the Jurassic Hazelton Group. These are intruded by plutonic rocks of various ages including Lower Jurassic Topley intrusions, Omineca intrusions of early Cretaceous age, late Cretaceous rhyolite and granodiorite porphyries and Babine intrusions of early Tertiary age.

The best known style of mineralization in the Babine Lake area is porphyry copper mineralization associated with small stocks and dyke swarms of biotite-feldspar-porphyry of the Babine intrusions. Copper-molybdenum mineralization is also known to occur in late phases of the Topley intrusions and in late Cretaceous granodiorite porphyries. Other deposits types include narrow veins with base and precious metal values, which commonly occur marginal to porphyry deposits, and disseminated copper mineralization in Hazelton Group volcanic rocks. Silver-lead-zinc-copper-gold mineralization has recently been found in late Cretaceous Skeena Group sediments on the Fireweed property approximately 20 km northwest of the Red claims.

LOCAL GEOLOGY

As interpreted from geophysics and limited diamond drillhole data, the area of the Red claims is underlain by an interbedded sequence of dark grey sandstone (greywacke) and graphitic mudstone that strikes N 30 E and dips steeply northwest. This sedimentry sequence can be correlated with the Smithers Formation of the Jurassic Hazelton Group or with the late Cretaceous Skeena Group.

A medium grained diorite intrusive, with lesser porphyritic and rhyolitic phases, intrudes the section in the central part of the Red 2 claim.

DRILLING PROGRAM

The 1989 drilling program consisted of 914.4 metres of diamond drilling in six holes on five NW-SE sections approximately 400 metres apart. The collar locations and surface projections of the drillholes are shown in Figure 3. All drillholes were inclined -45 degrees at 135 degrees azimuth to give the highest probability of intersecting steeply dipping, northeasterly striking mineralization.

Drill roads and set-up pads were constructed by John Himech Logging Ltd. of Houston, B.C. A D7G tractor was utilized to clear and level 10 X 10 metre drill pads and to build approximately 2 km of winter road. Work was done between October 31 and November 8, 1988.

The drilling contractor was J. T. Thomas Diamond Drilling of Smithers, B.C. A skid-mounted Acker hydraulic wireline drill rig was utilized to recover NQ sized core. The contractor supplied a D-6 tractor to move and assist the drill. Drilling commenced with hole R89CH001 on Jan. 10, 1989 and was completed with hole R89CH006 on January 26.

Water for drilling was hauled from Babine Lake by Gallant Trucking of Kamloops B.C.

Drilling fluids were disposed of in a settling pond.

A brunton compass was used to set the drill azimuth and dip. Acid dip tests were taken at shift changes and at the end of each hole. After hole completion, the collar was marked with a labelled spruce pole and surveyed by compass and hipchain into the 1986

DRILLING PROGRAM (cont'd)

geophysics grid. The collar elevation was measured with a pocket altimeter.

The core was transported to the Equity Silver minesite for logging, sampling and permanent storage. All holes were logged by either Gerard K. Gagnier (contract geologist) or by the author. Intervals to be assayed were split using a manual core splitter. Split samples were assayed at the Equity Minesite Laboratory for silver, copper, gold, arsenic, lead, zinc and iron (see Appendix II for analytical procedure). Drill core logs, assay results, survey data and logging codes are included as Appendix I.

DISCUSSION OF RESULTS

The diamond drillhole collars and surface projections are plotted on Figure 3. All holes were drilled to their planned depth with the sole exception of 89-1 which had to be abandoned due to caving ground conditions.

All the holes except 89-6 intersected various parts of a sedimentary sequence containing interbedded pale grey to black coloured, weakly banded, variably graphitic mudstones and greenish grey volcanic sandstones. Widespread mineralization occurring in these rocks included carbonate +/- pyrite veins and veinlets, disseminated and patchy pyrite, and pyrite fracture fillings. Hole 89-2 encountered two intersections, 0.2 metres wide each, of massive pyrite- pyrrhotite- chalcopyrite(?) mineralization. Holes 89-1 and 89-4 contained minor patches and spots of pyrrhotite. Chalcopyrite was tentatively identified in rare microveins and as disseminations in holes 89-2 and 89-4. The sediments exhibit no visible alteration. The range of bedding angles measured with respect to the core axis is 10 to 40 degrees.

A pale grey green aphanitic rhyolite was intersected in holes 89-3 and 89-6. Contact relationships with the sediments were not observed in the core. Mineralization in the rhyolite consisted of rare pyrite as disseminations, in stringers, and along fractures. Gangue minerals included quartz +/- carbonate in veins and veinlets, along fractures, and as breccia matrix. The only alteration mineral observed was sericite in narrow envelopes along fractures.

DISCUSSION OF RESULTS (cont'd)

Holes 89-1 and 89-2 encountered a medium to pale grey-green, fine grained andesite with amygdaloidal and porphyritic textures. Sharp, intrusive loooking contacts were observed with the sediments. No sulfide mineralization was reported.

Holes 89-4 and 89-5 intersected a very weakly altered (propylitic) porphyritic diorite intrusive. Pyrite +/- pyrrhotite mineralization occurred throughout the intervals as either weak disseminations or in microveins. Carbonate veins and veinlets were also noted throughout the diorite.

The only significant assay returned from liberal sampling of the core was a three metre interval of 0.92% copper from 42.7 to 45.7 metre depth in hole 89-1. No sulfides were observed in this interval.

INTERPRETATION AND RECOMMENDATIONS

Based on the geophysical and diamond drilling data to date, the geology of the Red claims can be interpreted as a homoclinal sequence of interbedded mudstones and volcanic sandstones that strikes N 30 E and dips 70-90 degrees SE. The sedimentary rocks have been intruded by a porphyritic diorite stock at least 1250 metres long and subsequently by several andesite dykes. A large body of aphanitic rhyolite may be a sill related to the diorite or a volcanic member of the stratigraphic package.

The semi-massive and sub-concordant nature of the iron sulfide mineralization can be explained by two distinct models:

1) The sulfides deposited syngenetically with the enclosing sediments in reduced sub-basins and were subsequently partially remobilized by the diorite intrusion.
2) The sulfides precipitated from hydrothermal solutions related to the diorite into open spaces in favorable horizons or in fractures.

The source of the I.P. anomalies that were drilled in the current program is attributed to graphitic mudstones that are symptomatic of a reducing environment.

It is recommended that further diamond drilling along strike of the known massive sulfide horizon be conducted on 100 metre spaced sections and also that a parallel anomaly (induced polarization and magnetic geophysical) be tested with three holes. A program of 1000 metres and costing approximately $100,000 should be adequate for both targets.

TABLE 2

STATEMENT OF EXPENDITURES

1.	914.4 metres NQWL Drilling	
	J.T.Thomas Diamond Drilling, Smithers	
	Coring 914.4 m (3000 ft @ 17.70/ft)	$ 53,100.00
	Consumables	7,121.50
	Man and Machine Hours	7,234.50
	Mobe/ Demobe	2,300.00
	Barge	360.00
2.	Drilling Water Supply	
	Gallant Trucking, Kamloops	9,670.50
3.	Road and Site Construction	
	John Himech Logging Ltd., Houston	
	D7G tractor (47.4 hrs @ $80/hr)	3,793.00
4.	Labour	
	Geology and Supervision	
	G. Gagnier, 24 days @ $150/day	3,600.00
	D. Hanson, 4 days @ $200/day	800.00
	Core Splitting	
	G. Gagnier, 4 days @ $150/day	600.00
5.	Analytical	
	Equity Silver Mines Laboratory	
	142 samples for Cu, Pb, Zn, Ag, Au, As, Sb, Fe @ $25.00/ sample	3,550.00
6.	Transportation	
	4X4 truck, 16 days @ $50/ day	800.00
7.	Report Preparation, Drafting, Copying	2,000.00
	TOTAL	$ 94,929.50

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

SELECTED REFERENCES

Carter, N. C.(1985): Geological Report on the Red 1 Claim, Omineca Mining Division, B. C., B. C. Ministry of Energy, Mines and Petroleum Resources Assessment Report 14093

Mark, D. G. (1986): Geophysical Report on Horizontal Loop Electromagnetic and Magnetic Surveys over the Red Claims, Omineca Mining Division, B. C., B. C. Ministry of Energy, Mines and Petroleum Resources Assessment Report 14778

Rainboth, W. and Brace, G. (1972): Geophysical-Geochemical Report on the Hag "A" and "B" Groups of Claims, Omineca Mining Division, B. C., B. C. Ministry of Energy, Mines and Petroleum Resources Assessment Report 4189

Suzuki, T. and Yokayama, T.(1967): IP and Magnetometer Survey of the Trek Claims, Omineca Mining Division, B. C., B. C. Ministry of Energy, Mines and Petroleum Resources Assessment Report 893

Pease, R. B. (1988): Diamond Drilling Report on the Red Mineral Claims, Omineca Mining Division, B. C., B. C. Ministry of Energy, Mines and Petroleum Resources Assessment Report 17190

APPENDIX I

DRILLHOLE LOGGING CODE

RED CLAIMS, 1989

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
- NREC - no recovery
- MDST - mudstone
- STST - siltstone
- SDST - sandstone
- MDSD - mudstone/ sandstone interbedded
- GRWK - greywacke
- MSDE - massive sulfide
- ANDS - andesite
- RHYL - rhylolite
- DIOR - diorite
- ?? - unknown

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

MINERAL ABBREVIATIONS

CB - carbonate	PO - pyrrhotite
QZ - quartz	CY - clay
GY - gypsum	MS - sericite
CP - chalcopyrite	AK - ankerite
CL - chlorite	GR - graphite
PY - pyrite	PL - plagioclase
MG - magnetite	

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	

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
V/ - vein
BD - bedding
UCNT - upper contact
LCNT - lower contact

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

APPENDIX II

DIAMOND DRILLHOLE GEOLOGIC LOGS AND ASSAYS

RED CLAIMS, 1989

DDH R89CH001 SURVEY LOG

H DDHID : R89CH001
H LOGGED BY : DJH
H DATE : 89.02
H CORE SIZE : NQ
H PROPERTY : RED
H GRID AZM. : 315

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	61.2	135	-45	200.0	365.0	930.0

DDH R89CH001 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	15.2	OVBN	--			:TRICONED - NO CORE
L	15.2	34.5	ANDS	5AG	1	-P	:DYKE? :NO MG :FINE - MED. GRAINED
L	34.5	37.0	ANDS	5AG	1	-P	:QZ A* :BORDER PHASE OF DYKE ? :SHARP
L							: INTRUSIVE LOOKING CN
L	37.0	39.6	SDST	5T	-	-C	:TUFFACEOUS SDST OR ASH TUFF - NO SO
L	39.6	42.7	MDST	TA	-	--	:CB << :MINOR AT INTLEV.
L	42.7	45.7	MDST	TA	-	-C	:CF 39.6-42.7
L	45.7	48.8	MDST	TA	-	-C	:CF 39.6-42.7
L	48.8	50.0	MDST	TA	-	-C	:CF 39.6-42.7
L	50.0	52.3	MDST	TA	-	-C	:CF 39.6-42.7 W/ PY-PO PATCHES
L	52.3	54.9	SDST	5A	-	-C	:CF 37.0-39.6 :NO SO
L	54.9	55.8	SDST	5A	-	-C	:CF 37.0-39.6
L	55.8	59.4	MDST	3A	-	--	:PY-PO PATCHES :PY <<
L	59.4	61.2	MDST	3A	-	-C	:WEAK CY ALT'N :BROKEN CORE
L							:EOH @ 61.2 M
L							:HOLE ABANDONED DUE TO CAVING GROUND AND
L							:TIGHT RODS

DDH R89CH001 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	37.0	-	CN	30	---	---	:SHARP
S	50.0	-	SO	20	---	---	:
S	51.0	-	BN	22	---	---	:SO?
S	54.0	-	BN	20	---	---	:ELONGATED CLASTS?

DDH R89CH001 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	37.0	39.6	7474		.010	0.1	.020	.010	.001	3.01	.005	.01
A	39.6	42.7	7475		.010	1.0	.020	.010	.001	2.25	.005	.01
A	42.7	45.7	7476		.920	6.0	.030	.010	.005	3.70	.005	.44
A	45.7	48.8	7477		.005	0.1	.020	.010	.001	2.33	.005	.01
A	48.8	50.0	7478		.010	0.1	.020	.010	.005	2.43	.005	.01
A	50.0	52.3	7479		.010	1.0	.060	.010	.001	11.70	.005	.01
A	52.3	54.9	7480		.010	2.0	.030	.010	.001	5.18	.005	.01
A	54.9	55.8	7481		.010	1.0	.030	.010	.001	7.76	.005	.01
A	55.8	59.4	7482		.010	1.0	.050	.020	.001	10.90	.005	.02
A	59.4	61.2	7483		.010	0.1	.020	.010	.001	5.08	.005	.01

DDH R89CH002 SURVEY LOG

H DDHID : R89CH002
H LOGGED BY : DJH
H DATE : 89.02
H CORE SIZE : NQ
H PROPERTY : RED
H GRID AZM. : 315

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	185.9	135	-45	600.0	275.0	983.0

DDH R89CH002 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	21.3	OVBN	--	-	--	:TRICONED - NO CORE
L	21.3	33.5	OVBN	--	-	--	:CORED BOULDERS AND CLAY
L	33.5	36.6	MDST	TA	-	-C	:BANDS OF CY OR MS ALT'N
L	36.6	38.4	MDST	TA	-	-C	:CF 33.5-36.6
L	38.4	40.3	MDST	TA	-	-C	:CF 33.5-36.6
L	40.3	42.0	RHYL	8G	-	--	:DYKE OR TUFF? :V. FINE GRAINED :NO CNTS
L	42.0	43.8	MDST	TA	-	-C	:CF 33.5-36.6
L	43.8	45.7	MDST	TA	-	-C	:CF 33.5-36.6 :MINOR SDST INTLEV.
L	45.7	48.8	MDST	TA	-	-C	:CF 33.5-36.6 :CB << :CP << TR.
L	48.8	51.8	MDST	TA	-	-C	:CF 43.8-45.7
L	51.8	54.9	MDST	TA	-	-C	:CF 43.8-45.7 :PY DISS. TR.
L	54.9	55.5	SDST	5A	-	--	:
L	55.5	57.8	ANDS	8GT	-	-P	:TUFFACEOUS STST? :CB << :NO BN :NO CNTS
L							: DYKE OR TUFF?
L	57.8	59.5	MDST	TA	-	-C	:CF 33.5-36.6 :PY DISS. TR.
L	59.5	62.5	SDST	8GA	-	-P	:TUFFACEOUS?
L	62.5	65.8	SDST	8GA	-	-P	:CF 59.5-62.5
L	65.8	67.0	MDST	TA	-	-C	:CF 33.5-36.6
L	67.0	70.1	MDST	TA	-	-C	:CF 33.5-36.6
L	70.1	71.6	MDST	TA	-	-C	:CF 33.5-36.6
L	71.6	72.9	ANDS	8GT	-	-P	:CF 55.5-57.8 :P* TEXT :DYKE?
L	72.9	75.8	MDST	TA	5	-C	:CF 33.5-36.6 :BX NEAR DYKE CNT
L	75.8	78.8	MDST	TA	5	-C	:CF 72.9-75.8
L	78.8	80.0	RHYL	8G	-	--	:CF 40.3-42.0 :PY DISS. TR. :SHARP UCNT.
L							: QZ <<
L	80.0	83.0	RHYL	8G	-	--	:CF 78.8-80.0 :BX & GG @ LCNT.
L	83.0	85.3	MDST	3A	7	--	:BX & GG
L	85.3	93.5	MDST	3A	3	--	:MINOR GR :MINOR SDST INTLEV. :CB-PY <<
L	93.5	94.9	MDST	3A	3	--	:CF 85.3-93.5
L	94.9	95.1	MSDE	--	-	--	:PO-PY-CP?
L	95.1	96.1	MDST	3A	3	--	:CF 85.3-93.5
L	96.1	97.5	MDST	3A	3	--	:CF 85.3-93.5 :BAND OF MASS. PY 15 MM WIDE
L							: CUT BY CB-PY <<
L	97.5	101.4	MDST	3A	1	--	:CF 85.3-93.5 :WEAK CB <<

L	101.4	102.4	MDST	3A	1	--	:WEAK CB <<
L	102.4	102.6	MSDE	--	-	--	:CF 94.9-95.1
L	102.6	104.3	MDST	3A	-	--	:CF 101.4-102.4
L	104.3	105.7	GRWK	3A	1	--	:PALE GREY FRAGS W/CB :WEAK CB << :
L	105.7	106.4	GRWK	3A	1	--	:CF 104.3-105.7 :PY-PO PATCHES & << 60%
L	106.4	109.4	MDST	4A	2	--	:30% INTERLEVED SDST W/ CB MATRIX:
L							:PY-PO << :PY PATCHES : WEAK CB <<
L	109.4	117.0	MDST	4A	1	--	:WEAK CB << :SMALL BAND OF PY-PO @ 112.8 M
L	117.0	122.9	MDST	AN	1	--	:MOD. GR :WEAK CB << :MINOR MDST INTLEV.
L	122.9	129.7	MDST	4A	1	--	:WEAK CB <<
L	129.7	139.0	MDST	AN	3	--	:CF 117.0-122.9 :CB-PY << :MOD. GR :MINOR
L							: AT? INTLEV.
L	139.0	170.0	SDST	5A	1	--	:PALE GREEN FRAGS? ARE DISTINCTIVE :SOME
L							: FRAGS LOOK LIKE SHARDS :WEAK CB <<
L	170.0	185.9	SDST	4A	2	--	:WEAK-MOD CB << :MINOR MDST? INTLEV.:
L							: TR. GR :NO SDES
L							: EOH @ 185.9 M

DDH R89CH002 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	34.0	-	BN	30	---	---	:SO ?
S	37.0	-	BN	11	---	---	:SO ?
S	37.5	38.0	FT	--	---	---	:CLAY AND BX
S	39.0	-	BN	13	---	---	:SO ?
S	43.0	-	BN	14	---	---	:SO ?
S	44.0	-	BN	17	---	---	:SO ?
S	47.0	-	BN	14	---	---	:SO ?
S	49.3	-	BX	60	---	40	:CB MATRIX
S	47.3	-	SO	19	---	---	:
S	50.8	-	BN	12	---	---	:SO ?
S	53.9	-	BN	15	---	---	:SO ?
S	59.0	-	BN	25	---	---	:SO ?
S	65.2	-	BN	14	---	---	:SO ?
S	65.5	-	BN	15	---	---	:SO ?
S	66.0	-	BN	30	---	---	:SO ?
S	66.2	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	66.5	-	BN	30	---	---	:SO ?
S	66.8	-	CN	35	---	---	:SHARP
S	67.1	-	SO	25	---	---	:
S	68.2	-	SO	10	---	---	:
S	69.4	-	CN	30	---	---	:SO
S	69.6	-	SO	20	---	---	:WEAK SO
S	69.8	-	CN	20	---	---	:
S	71.0	-	CN	30	---	---	:SO
S	71.6	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	72.0	-	CN	45	---	---	:
S	72.9	-	CN	60	---	---	:
S	73.3	-	CN	35	---	---	:
S	75.0	-	SO	40	---	---	:
S	76.2	-	SO	30	---	---	:
S	76.7	-	SO	30	---	---	:

S	75.9	77.4	BX	--	---	---	:CB STRINGERS
S	78.8	-	CN	40	---	---	:
S	80.3	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	82.5	-	FT	--	---	400	:CLAY - NO ATT.
S	83.0	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	83.3	-	V/	--	---	-10	:PY-CB
S	83.4	-	CN	40	---	---	:
S	85.4	-	BN	20	---	---	:
S	87.1	-	CN	35	---	---	:SHARP
S	88.4	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	89.2	-	FT	--	---	-25	:MICRO-FAULTS
S	90.1	-	CN	30	---	---	:
S	91.5	-	BX	--	---	150	:CB VNS
S	94.0	-	SO	60	---	---	:
S	95.6	-	BN	--	---	---	:IRREGULAR - NO ATT.
S	96.8	-	BN	60	---	---	:PY :IRREGULAR
S	102.7	-	BN	20	---	---	:SO ?
S	108.7	-	BD	32	---	---	:
S	109.2	-	BD	34	---	---	:
S	112.8	-	BN	40	---	---	:PY-PO
S	117.4	-	BN	19	---	---	:SO ?
S	128.0	-	BN	36	---	---	:SO ?
S	139.0	-	CN	53	---	---	:SHARP - DISTINCT CNT

DDH R89CH002 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	33.5	36.6	7441		.005	2.0	.030	.010	.001	1.93	.005	.005
A	36.6	38.4	7442		.005	0.1	.040	.010	.001	2.28	.001	.005
A	38.4	40.3	7443		.001	0.1	.010	.005	.001	2.13	.005	.005
A	40.3	42.0	7444		.001	0.1	.030	.001	.010	1.29	.005	.01
A	42.0	43.8	7445		.005	0.1	.010	.005	.001	1.81	.005	.005
A	43.8	45.7	7446		.001	0.1	.030	.010	.005	2.51	.005	.005
A	45.7	48.8	7447		.005	0.1	.050	.010	.001	1.99	.005	.005
A	48.8	51.8	7448		.001	0.1	.020	.001	.001	1.98	.005	.005
A	51.8	54.9	7449		.001	0.1	.020	.010	.001	1.58	.005	.005
A	54.9	55.5	7450		.005	1.0	.040	.010	.001	1.80	.005	.01
A	55.5	57.8	7451		.005	1.0	.020	.010	.001	4.63	.005	.01
A	57.8	59.5	7452		.020	0.1	.030	.010	.005	2.23	.001	.01
A	59.5	62.5	7453		.005	3.0	.040	.001	.005	1.27	.001	.005
A	62.5	65.8	7454		.001	0.1	.020	.001	.001	1.48	.001	.005
A	65.8	67.0	7455		.020	3.0	.030	.005	.001	3.21	.001	.005
A	67.0	70.1	7456		.010	2.0	.030	.010	.005	2.62	.001	.01
A	70.1	71.6	7457		.001	3.0	.040	.001	.001	1.98	.001	.005
A	71.6	72.9	7458		.001	8.0	.030	.001	.001	2.28	.001	.01
A	72.9	75.8	7459		.010	6.0	.030	.005	.001	2.33	.001	.005
A	75.8	78.8	7460		.007	3.0	.030	.005	.001	2.72	.001	.001
A	78.8	80.0	7461		.007	3.0	.030	.005	.001	2.24	.003	.013
A	80.0	83.0	7462		.005	1.0	.040	.004	.001	2.61	.002	.010
A	83.0	85.3	7463		.008	2.0	.050	.002	.033	4.54	.002	.005
A	93.5	94.9	7464		.008	1.0	.030	.003	.001	3.80	.001	.003

A	94.9	95.1	7465	.017	3.0	.020	.012	.001	30.40	.006	.005
A	95.1	96.1	7466	.007	1.0	.020	.007	.003	4.24	.001	.002
A	96.1	97.5	7467	.006	0.1	.020	.004	.001	4.87	.001	.005
A	101.4	102.4	7468	.010	1.0	.030	.010	.001	5.72	.005	.010
A	102.4	102.6	7469	.010	2.0	.080	.030	.001	42.10	.010	.010
A	102.6	104.3	7470	.010	0.1	.030	.010	.001	5.46	.005	.005
A	104.3	105.7	7471	.005	0.1	.040	.010	.001	3.28	.005	.005
A	105.7	106.4	7472	.005	1.0	.020	.020	.001	26.00	.010	.02
A	106.4	109.4	7473	.005	1.0	.020	.010	.001	4.90	.005	.06

DDH R89CH003 SURVEY LOG

H DDHID : R89CH003
H LOGGED BY : DJH
H DATE : 89.02
H CORE SIZE : NQ
H PROPERTY : RED
H GRID AZM. : 315

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	158.5	135	-45	1000.0	25.0	1021.0

DDH R89CH003 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	23.2	OVBN	--	-	--	:TRICONED - NO CORE
L	23.2	24.4	RHYL	7AG	1	-Q	:QZ << :TUFF OR FLOW - NO RELICT TEXT.
L	24.4	27.4	RHYL	7AG	2	-Q	:CF 23.2-24.4 :TR. PY <<
L	27.4	30.5	RHYL	7AG	1	-Q	:CF 23.2-24.4 :QZ << W/ MS ENVS.
L	30.5	33.5	RHYL	7AG	1	-Q	:CF 23.2-24.4 :QZ << W/ MS ENVS :TR. PY <<
L	33.5	36.6	RHYL	7AG	2	-Q	:CF 23.2-24.4 :QZ << W/ MS ENVS :TR. PY <<
L	36.6	39.6	RHYL	7AG	3	-Q	:QZ-CB << CB W/ MS ENVS. (CB = ANKERITE)
L	39.6	42.7	RHYL	7AG	4	-Q	:QZ << :LOC. BX W/ QZ-AK MATRIX
L	42.7	45.7	RHYL	7AG	2	-Q	:QZ << :TR. PY <<
L	45.7	48.8	RHYL	7AG	4	-Q	:QZ << :LOC. BX W/ QZ-AK MATRIX
L	48.8	51.8	RHYL	7AG	3	-Q	:QZ << W/ MS ENVS :TR. PY << :ISS. TR.
L	51.8	54.9	RHYL	7AG	1	-Q	:QZ << :FRACTS. W/ MS ENVS.
L	54.9	57.9	RHYL	7AG	2	-Q	:QZ << :LOC. BX W/ QZ MATRIX
L	57.9	61.0	RHYL	7AG	3	-Q	:QZ-AK << :FRACTS W/ MS ENVS. :TR PY <<
L	61.0	64.0	RHYL	7AG	3	-Q	:BROKEN CORE :QZ << :FRACTS. W/ MS ENVS.
L	64.0	65.5	RHYL	7AG	3	-Q	:BROKEN CORE :QZ << :FRACTS. W/ MS ENVS.
L	65.5	69.5	ANDS	5A	2	-P	:CB VNS & VNLTS :FRACTS. W/ MS ENVS.
L							: PLAG P* TO 4 MM
L	69.5	71.1	SDST	7AG	2	-C	:BROKEN CORE :CB VNLTS
L							:POSSIBLE ASH TUFF OR TUFFACEOUS SDST
L	71.1	74.2	SDST	4AG	2	-Q	:CB VNS & VNLTS :GY VNS :PY DISS. & VNLTS
L							: ~1% :PO SPOTS <1%
L	74.2	76.7	SDST	5A	3	-Q	:CF 71.1-74.2 :PY DISS., SPOTS, & CB VNLTS
L							: PO SPOTS <1% :CORE BROKEN UP
L	76.7	79.2	SDST	4AG	2	-Q	:CF 74.2-76.7 :PY 2% :PO <1%
L	79.2	82.0	SDST	4AG	3	-Q	:PY <<, STRINGERS & SPOTS :
L	82.0	83.6	SDST	4AG	2	-Q	:CF 79.2-82.0 :BROKEN UP CORE
L	83.6	86.3	SDST	5A	3	-Q	:PY DISS. <1% :CB VNS & VNLTS :CL ENVS ON
L							: SOME CB << :SMALL BX ZONE W/ CB MATRIX
L							: & PY DISS.
L	86.3	88.6	SDST	4GA	3	-Q	:CB VNS, VNLTS & SPOTS :PY SPOTS & DISS 2%
L							: SOME CL ALT'N
L	88.6	92.0	SDST	4GA	3	-Q	:CF 86.3-88.6 :PY << W/ CL ENVS :CL VNLTS
L	92.0	94.6	MDST	3A	-	--	:POOR CORE RECOVERY

L	94.6	96.6	MDST	5N	5	--	:BX W/ SILTY MATRIX (SED. DYKE?) :
L							:CB VNLTS & <<
L	96.6	99.1	SDST	4A	3	--	:CB << :BROKEN UP CORE
L	99.1	100.3	SDST	5GA	2	-C	:BROKEN UP CORE :CB VNLTS
L	100.3	102.1	SDST	6A	1	-C	:CB VNLTS
L	102.1	104.9	SDST	6AG	2	-C	:LOC. CY ALT'N :CB VNS & VNLTS
L	104.9	108.0	SDST	6AG	2	-Q	:LOC. QZ :CB VNS & VNLTS :LOC. BX W/CB
L							: MATRIX
L	108.0	110.2	SDST	4GA	4	--	:CB VNS & VNLTS :LOC. BX ZONES W/ PY <1%
L							: LOC. CB FLOOODING W/ 5-10% PY
L	110.2	113.1	SDST	4GA	4	--	:CF 108.0-110.2 W/ LESS PY
L	113.1	116.2	SDST	5A	3	-Q	:MOD. QZ ALT'N? :CB VNLTS :PY DISS. <1%
L	116.2	119.2	SDST	5A	3	-Q	:MINOR QZ FLOODING :CB VNS & VNLTS :MS ENV
L							: ON << :PY DISS. <1% :MINOR BX ZONES
L	119.2	121.6	MDST	6G	2	-Q	:NO RELICT TEXTURES :PY DISS. <1%
L	121.6	125.6	SDST	6A	2	-Q	:GR ZONES W/ MASS. PY :PY << & DISS. :CP?
L	125.6	127.5	MDST	N	1	--	:MINOR SDST INTLEV. :GR
L	127.5	128.1	SDST	5A	1		:50% PO-MG :MINOR PY :CB VNLTS
L	128.1	138.5	MDST	N	1	--	:MINOR SDST INTLEV. :BROKEN UP CORE :
L							: CB SPOTS
L	138.5	140.9	MDST	4A	2	--	:GR :CB VNS & VNLTS
L	140.9	143.3	MDST	4A	2	-Q	:QZ ALT'N :PY DISS. :CB VNLTS
L	143.3	148.0	MDST	4A	1	--	:GR :CB VNLTS IN SDST INTLEV.
L	148.0	148.3	MDST	5A	2	-Q	:QZ ALT'N? :CB VNS :SDE DISS.?
L	148.3	153.0	MDST	N	1	--	:GR :MINOR SDST INTLEV.
L	153.0	154.0	MDST	4A	2	--	:PY-CP? SPOTS & DISS. :GR VNS.
L	154.0	156.0	MDST	N	1	--	:CF 148.3-153.0
L	156.0	158.5	MDST	N	1	--	:GR :PY PATCHES :CB VNLTS
L							:EOH @ 158.5 M

DDH R89CH003 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	53.7	-	FT	55	---	---	:CLAY GOUGE
S	65.5	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	69.5	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	70.8	-	BN	35	---	---	:SO ?
S	92.0	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	94.6	-	CN	90	---	---	:SHARP
S	103.0	-	BN	70	---	---	:SO ?
S	121.6	-	CN	75	---	---	:BROKEN CORE - ATT. APPPROX.

DDH R89CH003 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	23.2	24.4	7484		.005	2.0	.060	.010	.001	0.84	.005	.010
A	24.4	27.4	7485		.010	3.0	.040	.005	.001	0.98	.005	.005
A	27.4	30.5	7486		.005	0.1	.020	.018	.012	0.80	.005	.005
A	30.5	33.5	7487		.001	0.1	.030	.005	.005	0.83	.001	.005
A	33.5	36.6	7488		.005	1.0	.040	.010	.001	0.79	.005	.005
A	36.6	39.6	7489		.001	1.0	.040	.005	.001	0.82	.001	.005
A	39.6	42.7	7490		.005	2.0	.030	.028	.005	0.75	.005	.005
A	42.7	45.7	7491		.005	0.1	.020	.012	.005	0.68	.001	.005
A	45.7	48.8	7492		.005	0.1	.030	.030	.011	0.70	.001	.005
A	48.8	51.8	7493		.005	0.1	.020	.001	.006	0.77	.001	.001
A	51.8	54.9	7494		.005	0.1	.030	.005	.001	0.73	.005	.005
A	54.9	57.9	7495		.005	0.1	.020	.008	.005	0.80	.001	.001
A	57.9	61.0	7496		.005	0.1	.020	.005	.005	0.69	.001	.005
A	61.0	64.0	7497		.005	0.1	.020	.001	.001	0.59	.001	.001
A	64.0	65.5	7498		.005	0.1	.020	.009	.005	0.75	.001	.001
A	69.5	71.1	7499		.005	0.1	.020	.006	.012	3.04	.001	.006
A	71.1	74.2	7500		.005	1.0	.020	.009	.005	11.79	.005	.011
A	74.2	76.7	7501		.005	1.0	.030	.038	.007	5.11	.001	.005
A	76.7	79.2	7502		.005	0.1	.020	.011	.005	4.57	.001	.006
A	79.2	82.0	7503		.005	1.0	.020	.007	.005	6.26	.001	.005
A	82.0	83.6	7504		.005	1.0	.040	.010	.005	8.50	.005	.010
A	83.6	86.3	7505		.005	2.0	.040	.010	.001	3.96	.005	.010
A	86.3	88.6	7506		.010	1.0	.040	.010	.020	4.99	.005	.010
A	88.6	92.0	7507		.005	2.0	.040	.010	.001	3.27	.005	.210
A	99.1	100.3	7508		.010	1.0	.040	.010	.001	4.01	.005	.010
A	100.3	102.1	7509		.010	2.0	.050	.010	.005	3.90	.005	.010
A	102.1	104.9	7510		.010	1.0	.040	.010	.010	3.30	.005	.010
A	104.9	108.0	7511		.005	1.0	.040	.010	.001	3.69	.005	.010
A	108.0	110.2	7512		.010	1.0	.030	.010	.005	4.81	.005	.020
A	110.2	113.1	7513		.010	2.0	.040	.010	.001	9.80	.005	.010
A	113.1	116.2	7514		.010	3.0	.050	.090	.010	5.35	.001	.010
A	116.2	119.2	7515		.005	2.0	.030	.010	.001	2.72	.001	.005
A	119.2	121.6	7516		.005	1.0	.030	.001	.001	2.55	.001	.005
A	121.6	125.6	7517		.010	3.0	.040	.030	.001	4.83	.001	.005
A	140.9	143.3	7518		.010	4.0	.030	.070	.001	3.98	.001	.005
A	148.0	148.2	7519		.010	3.0	.030	.001	.030	1.07	.001	.001
A	153.0	154.0	7520		.010	2.0	.030	.001	.001	2.82	.001	.010
A	156.0	158.5	7521		.010	2.0	.020	.001	.001	3.95	.001	.005

DDH R89CH004 SURVEY LOG

H DDHID : R89CH004
H LOGGED BY : GKG
H DATE : 89.02
H CORE SIZE : NQ
H PROPERTY : RED
H GRID AZM. : 315

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	182.9	135	-45	1400.0	-175.0	1067.0

DDH R89CH004 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	17.8	OVBN	--	-	--	:TRICONED - NO CORE
L	17.8	21.3	DIOR	5GA	1	-P	:V. WEAK PROPYLITIC ALT'N :PY SPOTS, << &
L							: VNLTS :FE OXIDE :BROKEN CORE
L	21.3	23.0	DIOR	5GA	1	-P	:CF 17.8-21.3 W/ MORE PY
L							: PY PATCHES & VNS?(MASS.) 20% :CB VNLTS
L	23.0	25.9	DIOR	5GA	1	-P	:PY DISS. & << :TR. PO :FE OXIDE
L	25.9	28.1	DIOR	5GA	1	--	:FRESH
L	28.1	30.5	DIOR	5GA	2	--	:FRESH :0.5 M GOUGE AT END OF INTERVAL
L							:PY DISS., SPOTS & VNLTS :PO SPOTS
L	30.5	34.9	DIOR	5GA	1	--	:PY DISS :QZ-CB VNLTS :QZ P*?
L	34.7	37.1	MDST	5UA	2	--	:PO PATCHES & SPOTS 10% :PY DISS <1%
L							:MINOR DRT
L	37.1	38.8	MDST	5UA	2	--	:CF 34.7-37.1
L	38.8	41.2	MDST	5A	6	--	:QZ-CB BX MATRIX :PY DISS. & SPOTS 3% :CP?
L							:QZ STRINGERS
L	41.2	42.4	MDST	5A	7	--	:CF 38.8-41.2 :PY 1%
L	42.4	45.3	MDST	5A	5	--	:CF 38.8-41.2 :PY 1% :BROKEN CORE
L	45.3	48.3	MDST	4A	1	--	:CB VNLTS :BROKEN CORE
L	48.3	50.3	MDST	4A	1	--	:PY DISS. 2% :CB VNLTS :PO SPOTS TR.
L	50.3	53.3	MDST	4A	1	--	:CB VNLTS :PY <<
L	53.3	55.5	MDST	4A	1	--	:CB VNLTS :BROKEN CORE
L	55.5	57.6	MDST	4A	2	--	:MINOR QZ-CB ZONES W/ PY 3% & PO 1%
L							: CB VNLTS
L	57.6	60.9	MDST	4A	1	--	:CB VNLTS
L	60.9	62.2	MDST	4A	2	--	:PO 3% IN LAST 0.4 M :CNT. GRAD. INTO DIOR
L	62.2	66.0	DIOR	5A	2	--	:FINE GRAINED :CB VNLTS :PY << 1% :BROKEN
L	66.0	66.9	DIOR	5TA	1	-P	:PY-PO PATCHES 10%
L	66.9	69.7	DIOR	TGA	3	-P	:PATCHY PROP. ALT'N :PY-PO DISS & SPOTS 1%
L	69.7	72.5	DIOR	5GA	2	-P	:CB VNLTS :PY-PO DISS 1%
L	72.5	74.4	DIOR	5GA	2	-P	:CB VNLTS :PY-PO PATCHES 12%
L	74.4	76.4	DIOR	5A	2	--	:CB VNLTS :PO DISS 2%
L	76.4	79.3	MDSD	3GA	2	--	:LOC. HORNFELS :CB VNLTS
L	79.3	82.3	MDSD	5AG	3	--	:CB-PY << :CB VNS & VNLTS
L	82.3	85.3	ANDS	7G	1	--	:PO SPOTS & DISS 2% :PY STRINGERS :QZ-CB

L							: VNS & VNLTS :PO SPOTS W/ QZ HALOS
L							: DIOR ?
L	85.3	86.4	DIOR	4A	1	--	:FINE GRAINED :PO DISS <1%
L	86.4	87.6	?	TG	1	--	:QZ-CB PATCHES :PY-PO DISS :DIOR ?
L							: LOOKS LIKE PAISLEY PYJAMAS!!
L	87.6	89.9	ANDS	7G	1	--	:CF 82.3-85.3 :INT. 82.3-89.9 PROBABLE
L							: ANDS DYKE
L	89.9	94.8	MDST	N	2	--	:CB VNLTS :BROKEN CORE, POOR REC.
L	94.8	100.3	MDST	N	1	--	:CB VNLTS :BROKEN CORE
L	100.3	102.7	MDSD	N	2	--	:0.1 M BX ZONE W/ CB MATRIX :CB VNLTS
L							: PO-MG DISS
L	102.7	105.2	MDSD	N	1	--	:CB VNLTS
L	105.2	112.6	DIOR	4AG	2	--	:FINE GRAINED DYKE :PY-PO DISS 1% :CB VNS
L							: & VNLTS
L	112.6	115.2	DIOR	5A	1	-P	:FINE GRAINED ANDS? :CB VNLTS
L	115.2	118.0	MDST	4A	2	--	:CB VNLTS :PY DISS <1% :BROKEN CORE
L	118.0	120.5	MDST	N	1	--	:GR
L	120.5	123.5	MDST	3A	2	--	:CB VNLTS :0.3 M DIOR W/ PR 1%
L	123.5	126.2	MDST	3A	1	--	:CB VNLTS :V.BROKEN CORE
L	126.2	128.7	MDST	3A	2	--	:CB VNS
L	128.7	131.5	MDSD	4A	1	--	:CB VNLTS :BROKEN CORE
L	131.5	133.9	MDSD	5A	3	--	:CB VNS & VNLTS MINOR GR
L	133.9	137.5	MDSD	5A	2	--	:PY << :MINOR BLEACHED ZONES
L	137.5	140.5	MDST	2A	2	--	:GR :BROKEN CORE
L	140.5	159.7	DIOR	5GA	2	--	:CB VNLTS & PATCHES
L	159.7	164.6	DIOR	6GA	1	--	:MINOR CB VNLTS :FINE GRAINED :BORDER PH?
L	164.6	169.9	DIOR	6GA	2	--	:CB VNLTS :MED GRAINED
L	169.9	170.9	DIOR	6GA	4	--	:QZ STRINGERS & VNLTS :0.2 M BX
L	170.9	182.9	DIOR	6GA	2	--	:CB VNLTS :MED.GRAINED :TR. BX W/QZ MATRIX
L							: 140.5-182.9 QZ-DIOR?
L							:EOH @ 182.9

DDH R89CH004 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	30.0	-	GG	30	---	500	:GOUGE
S	34.7	-	CN	40	---	---	:SHARP
S	38.8	45.9	BX	--	---	---	:CB MATRIX W/ PY :FT?
S	61.4	-	CN	40	---	---	:SHARP, DISTINCT
S	61.9	-	CN	55	---	---	:SHARP, DISTINCT
S	76.4	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	82.3	-	CN	30	---	---	:DISTINCT
S	85.3	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	86.4	-	CN	--	---	---	:GRAD. CN - NO ATT.
S	89.9	-	CN	35	---	---	:SHARP
S	105.2	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	115.2	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	128.7	-	BN	45	---	---	:SO ?
S	140.5	-	CN	65	---	---	:SHARP

DDH R89CH004 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	17.8	21.3	7522		.010	2.0	.020	.001	.001	4.19	.001	.005
A	21.3	23.0	7523		.010	3.0	.020	.010	.001	10.30	.001	.005
A	23.0	25.9	7524		.010	3.0	.020	.001	.001	9.43	.001	.010
A	25.9	28.1	7525		.010	2.0	.020	.001	.001	10.10	.001	.001
A	28.1	30.5	7526		.005	1.0	.020	.040	.030	5.48	.005	.010
A	30.5	34.7	7527		.005	0.1	.020	.040	.030	5.04	.005	.005
A	34.7	37.1	7528		.005	2.0	.020	.030	.020	3.27	.001	.005
A	37.1	38.8	7529		.005	1.0	.020	.050	.020	4.76	.040	.005
A	38.8	41.2	7530		.005	0.1	.030	.020	.040	4.74	.040	.150
A	41.2	42.4	7531		.005	0.1	.020	.010	.040	2.22	.010	.140
A	42.4	45.3	7532		.005	1.0	.020	.010	.010	3.41	.001	.120
A	48.3	50.3	7533		.005	0.1	.020	.001	.001	4.81	.001	.010
A	50.3	53.3	7534		.010	0.1	.040	.020	.001	5.88	.001	.005
A	55.5	57.6	7535		.010	0.1	.060	.020	.001	2.86	.001	.010
A	60.9	62.2	7536		.010	2.0	.020	.040	.100	4.01	.001	.005
A	66.0	66.9	7537		.005	2.0	.020	.040	.020	1.76	.001	.005
A	66.9	69.7	7538		.005	2.0	.040	.010	.001	4.54	.005	.010
A	72.5	74.4	7539		.001	4.0	.040	.005	.001	4.63	.005	.020
A	76.4	79.3	7540		.005	1.0	.050	.010	.001	4.19	.005	.010
A	79.3	82.3	7541		.005	3.0	.030	.005	.001	4.69	.005	.010
A	86.4	87.6	7542		.005	2.0	.040	.010	.001	1.89	.005	.030
A	100.3	102.7	7543		.001	4.0	.040	.010	.001	2.21	.005	.010
A	112.6	115.2	7544		.010	2.0	.050	.010	.005	4.04	.005	.005
A	133.9	137.9	7545		.010	3.0	.050	.005	.005	4.98	.001	.010
A	140.5	143.3	7546		.001	0.1	.040	.005	.001	2.58	.005	.010
A	169.9	170.9	7547		.001	2.0	.040	.010	.001	2.28	.005	.010

DDH R89CH005 SURVEY LOG

H DDHID : R89CH005
H LOGGED BY : GKG
H DATE : 89.02
H CORE SIZE : NQ
H PROPERTY : RED
H GRID AZM. : 315

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	152.4	135	-45	1710.0	-288.0	1059.0

DDH R89CH005 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	3.0	OVBN	--	-	--	:TRICONED - NO CORE
L	3.0	24.1	DIOR	6GA	1	--	:COARSE GRAINED :P* TEXT :BI 2% :PY-MG 3%
L							: CB VNS
L	24.1	39.1	DIOR	6GA	1	--	:CF 3.0-24.1
L	39.1	40.1	ANDS	6G	1	--	:DYKE? :CB VNLTS :PY DISS <<1%
L	40.1	44.3	DIOR	6GA	1	--	:CF 3.0-24.1
L	44.3	46.9	DIOR	6A	1	--	:MICRO P* :PY-PO DISS <1% :CB VNS
L	46.9	85.7	DIOR	6GA	2	--	:MED. GRAINED PHASE :CB VNS & VNLTS :PY-PO
L							: DISS <1%
L	85.7	91.4	DIOR	5GA	1	--	:FINE GRAINED PHASE OR DYKE :CB VNLTS
L	91.4	95.4	DIOR	5TA	2	-P	:WEAK PROP. ALT'N :MED. GRAINED
L	95.4	96.3	ANDS	6G	1	--	:CF 39.1-40.1
L	96.3	99.0	DIOR	6A	2	--	:PY DISS & << 1% :CF 46.9-85.7
L	99.0	100.3	ANDS	6G	2	--	:CF 39.1-40.1 :BX @ UCNT.
L	100.3	103.0	DIOR	5GA	2	--	:FINE GRAINED :PY DISS <1%
L	103.0	105.9	DIOR	5GA	2	--	:CF 100.3-105.9
L	105.9	107.6	ANDS	6G	2	--	:CF 39.1-40.1
L	107.6	109.3	DIOR	5A	2	--	:MED. GRAINED :PY-PO DISS 2%
L	109.3	111.3	DIOR	7A	1	--	:
L	111.3	137.4	DIOR	5GA	1	--	:MED-FINE GRAINED :CB VNLTS :PY DISS 1%
L	137.4	139.7	MDST	N	2	--	:CB VNLTS
L	139.7	141.3	MDST	N	3	--	:CB VNS & VNLTS :SMALL BX ZONE W/CB MATRIX
L	141.3	144.9	MDST	N	1	--	:GR :0.2 M BLEACHED ZONE :CB VNLTS
L							: BROKEN CORE
L	144.9	152.4	MDST	N	-	--	:GR THROUGHOUT :BROKEN CORE
L							:EOH @ 152.4 M

DDH R89CH005 STRUCTURAL LOG

	FROM (m)	TO (m)	ID	CA	AZM	WID (mm)	COMMENTS
S	39.1	-	CN	70	---	---	:SHARP
S	40.1	-	CN	80	---	---	:SHARP
S	44.3	-	CN	70	---	---	:SHARP
S	46.9	-	CN	65	---	---	:SHARP
S	85.7	-	CN	60	---	---	:SHARP
S	95.4	-	CN	--	---	---	:IRREGULAR, DISTINCT - NO ATT.
S	96.3	-	CN	60	---	---	:SHARP
S	99.0	-	CN	50	---	---	:SHARP
S	100.3	-	CN	60	---	---	:SHARP
S	105.9	-	CN	65	---	---	:SHARP
S	107.6	-	CN	50	---	---	:SHARP
S	109.3	-	CN	50	---	---	:SHARP
S	111.3	-	CN	55	---	---	:SHARP
S	137.4	-	CN	--	---	---	:BROKEN CORE - NO ATT.
S	138.0	-	BN	60	---	---	:SO?

DDH R89CH005 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	39.1	40.1	7548		.001	2.0	.03	.005	.001	3.31	.001	.010
A	91.4	95.4	7549		.005	3.0	.03	.010	.001	4.09	.001	.010
A	95.4	96.3	7550		.001	0.1	.03	.010	.001	2.65	.001	.005
A	96.3	99.0	7551		.010	1.0	.04	.010	.001	3.98	.001	.010
A	99.0	100.3	7552		.001	2.0	.04	.001	.001	2.58	.005	.005
A	100.3	103.0	7553		.010	1.0	.03	.010	.001	3.84	.005	.010
A	103.0	105.9	7554		.010	0.1	.03	.010	.005	4.09	.005	.020
A	105.9	107.6	7555		.001	0.1	.03	.010	.001	3.12	.005	.010
A	107.6	109.3	7556		.010	0.1	.06	.020	.001	4.24	.005	.010
A	109.3	111.3	7557		.001	0.1	.03	.005	.001	2.82	.001	.005

DDH R89CH006 SURVEY LOG

H DDHID : R89CH006
H LOGGED BY : GKG
H DATE : 89.02
H CORE SIZE : NQ
H PROPERTY : RED
H GRID AZM. : 315

	FROM (m)	TO (m)	AZM.	V-ANG	NORTHING (m)	EASTING (m)	ELEVATION (m)
R	0.0	173.7	135	-45	1000.0	-125.0	1036.0

DDH R89CH006 LITHOLOGIC LOG

	FROM (m)	TO (m)	LITH	LC	IF	ALT	COMMENTS
L	0.0	24.4	OVBN	--	-	--	:TRICONED - NO CORE
L	24.4	56.0	RHYL	7GA	1	--	:BROKEN CORE :CB VNS & VNLTS :PY DISS <<1%
L	56.0	76.8	RHYL	7GA	1	--	:CF 24.4-56.0 :CORE MORE COMPETENT
L							: GENERALLY APHANITIC
L	76.8	79.8	RHYL	8GA	3	--	:CB VNLTS :BROKEN CORE
L	79.8	83.8	RHYL	7GA	1	--	:CF 56.0-76.8
L	83.8	86.2	RHYL	8GA	3	--	:CF 76.8-79.8
L	86.2	91.5	RHYL	7GA	2	--	:0.1 M BX W/ CB MATRIX :CB VNS & VNLTS
L	91.5	93.5	RHYL	8GA	3	-C	:BROKEN CORE
L	93.5	122.2	RHYL	7GA	1	--	:CF 56.0-76.8
L	122.2	123.5	RHYL	7GA	3	--	:CB VNLTS :BROKEN CORE :VISIBLE GRAINS
L	123.5	126.0	RHYL	8YT	2	QS	:WEAK QZ-MS ALT'N :QZ VNLTS
L	126.0	131.1	RHYL	8YT	2	-Q	:BROKEN CORE :QZ VNLTS :DARK GREY <<
L	131.1	134.0	RHYL	8YT	1	-S	:BLEACHED :DARK GREY << :BROKEN CORE
L	134.0	137.2	RHYL	7YT	1	-Q	:MS << :LIGHT GREY PATCHES (SDE ?)
L	137.2	139.7	RHYL	7YT	2	-Q	:PY DISS <1% :MS << :QZ VNLTS :GREY <<
L	139.7	141.8	RHYL	7YT	2	-S	:BLEACHED :BROKEN CORE :GREY SPOTS (SDE?)
L	141.8	144.8	RHYL	6GA	2	QS	:QZ << :PY DISS :MS << :GREY SPOTS (SDE?)
L							:COMPETENT CORE
L	144.8	146.2	RHYL	8YT	2	-Q	:CB-QZ << :GREY SPOTS (SDE?)
L	146.2	149.6	RHYL	7YT	3	-Q	:CB-QZ << :GREY PATCHES & STRINGERS (SDE?)
L	149.6	150.9	RHYL	5YG	1	-S	:WEAK MS ALT'N :CB VNLTS :PY DISS :GY VN
L	150.9	153.7	RHYL	6TA	2	-S	:WEAK MS? ALT'N :PY << :GY?-PY VNLTS
L	153.7	156.8	RHYL	7YT	2	-S	:MOD-STRONG MS? ALT'N :CB VNLTS :
L							: PY STRINGER .5 MM
L	156.8	159.1	RHYL	6UA	3	--	:CB PATCHES & VNLTS :MINOR QZ VNLTS
L							: PY DISS <<1%
L	159.1	161.6	RHYL	7YT	1	-S	:WK-MOD MS? ALT'N :CB << :FEW PY STRINGERS
L	161.6	164.6	RHYL	7YT	1	--	:CB VNLTS :PY << LESS THAN .5MM
L	164.6	166.9	RHYL	7YT	1	--	:CF 161.6-164.6 W/O PY
L	166.9	169.1	RHYL	7YT	2	--	:CB VNS & VNLTS :QZ VNLTS :PY DISS TR.
L	169.1	171.6	RHYL	7YT	3	-Q	:QZ VNS & VNLTS :QZ-PY VN :PY <<
L	171.6	173.7	RHYL	7YT	2	-Q	:CF 169.1-171.6

L :EOH @ 173.7

DDH R89CH006 ASSAY LOG

	FROM (m)	TO (m)	SAMP#	REC. (m)	%CU	g/tAG	g/tAU	%SB	%AS	%FE	%PB	%ZN
A	76.8	79.8	7558		.001	1.0	.030	.005	.005	2.87	.005	.010
A	83.8	86.2	7559		.001	1.0	.040	.010	.001	2.84	.005	.010
A	86.2	89.0	7560		.001	2.0	.060	.010	.001	3.00	.001	.010
A	89.0	91.5	7561		.01	1.0	.080	.010	.001	2.79	.001	.010
A	91.5	93.5	7562		.001	1.0	.020	.005	.005	2.76	.001	.010
A	122.2	123.5	7563		.001	1.0	.010	.005	.005	2.59	.001	.010
A	123.5	126.0	7564		.001	1.0	.010	.005	.001	2.29	.001	.005
A	126.0	131.1	7565		.001	0.1	.010	.005	.001	1.26	.001	.005
A	131.1	134.0	7566		.001	2.0	.010	.001	.001	1.66	.001	.010
A	134.0	137.2	7567		.001	0.1	.010	.001	.001	1.63	.001	.010
A	137.2	139.7	7568		.001	0.1	.020	.001	.001	1.79	.001	.005
A	139.7	141.8	7569		.001	0.1	.010	.001	.001	1.89	.001	.010
A	141.8	144.8	7570		.001	1.0	.020	.001	.001	2.15	.001	.010
A	144.8	146.2	7571		.001	0.1	.010	.001	.001	1.60	.001	.005
A	146.2	149.6	7572		.001	1.0	.020	.005	.001	1.58	.001	.005
A	149.6	150.9	7573		.001	1.0	.010	.005	.001	2.38	.001	.005
A	150.9	153.7	7574		.001	1.0	.010	.005	.005	2.52	.001	.010
A	153.7	156.8	7575		.001	1.0	.020	.005	.001	1.57	.001	.005
A	156.8	159.1	7576		.001	2.0	.020	.005	.001	2.39	.001	.010
A	159.1	161.6	7577		.005	1.0	.020	.005	.001	2.14	.001	.010
A	161.6	164.6	7578		.001	1.0	.020	.001	.001	1.90	.001	.005
A	164.6	166.9	7579		.001	1.0	.020	.005	.001	1.96	.001	.005
A	166.9	169.1	7580		.001	1.0	.010	.005	.001	2.33	.001	.010
A	169.1	171.6	7581		.001	1.0	.010	.001	.001	2.28	.001	.005
A	171.6	173.7	7582		.001	0.1	.010	.001	.005	2.57	.001	.010

APPENDIX III

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

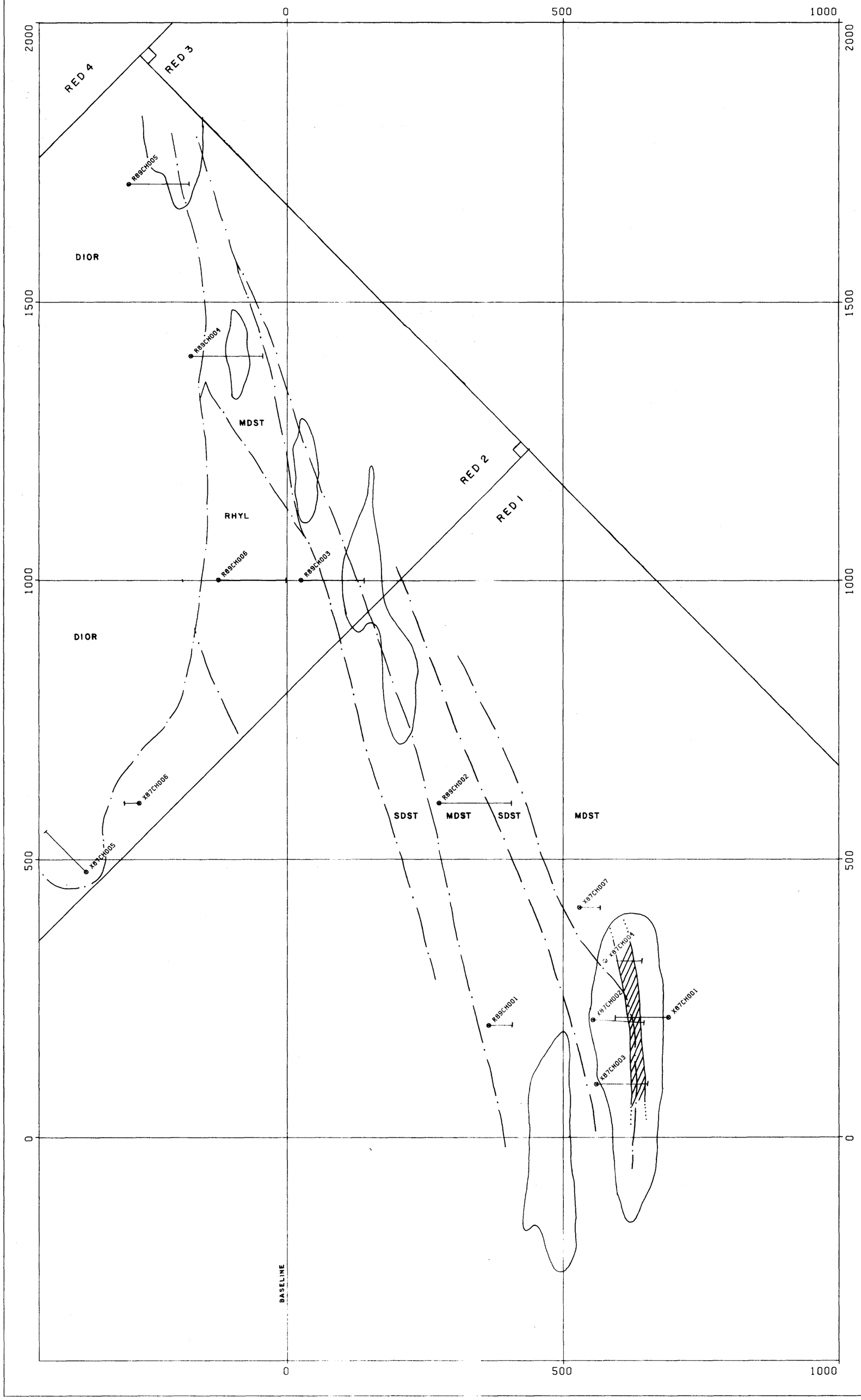


FIGURE 3
RED CLAIMS
1989 COMPILATION MAP

LEGEND

ROCK TYPES
- MDST = MUDSTONE
- SDST = SANDSTONE
- RHYL = RHYOLITE
- DIOR = DIORITE

= "MASSIVE" SULFIDE ZONE

= GEOLOGIC CONTACT

= METAL FACTOR ANOMALY

⊗ DIAMOND DRILLHOLE COLLARS
- X87 - 1987 DRILLHOLE
- R89 - 1989 DRILLHOLE

NOTE: MAP GRID IS THE 1986 GEOPHYSICS GRID. STATIONS WEST OF THE BASELINE AND LINES SOUTH OF ZERO ARE PLOTTED AS NEGATIVE.

DATA PLOTTED ON THIS MAP:
DIRECTORY: /EQUITY OD/USR/GL-DDH/RED

	FIELD	FILE
⊗ POINTS:	DH	REDCOLL
——	DH	REDTRACK

0 200 400 600
METRES

EQUITY SILVER MINES LTD.	
DRAWN EXP	FIGURE 3
DATE 89:09:13	RED CLAIMS
SCALE 1:5000	1989 COMPILATION MAP
	NO. PLATE