

Daiwan Engineering Ltd.
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Phone: (604) 688-1508

LOG NO: 0527	RD.
ACTION:	
V7Y 1G5	
FILE NO:	

ASSESSMENT AND DRILLING REPORT

on the

RED DOG PROJECT

Located on Vancouver Island B.C.

Latitude: 50° 40'N

Longitude: 127° 50'W

For

Moraga Resources Ltd.
1030 - 609 Granville Street
Vancouver, B.C.
V7T 1G5

SUB-RECORDER RECEIVED MAY 22 1991 M.R. # \$..... VANCOUVER, B.C.

By

J.B.Richards P.Eng.

May, 1991

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,352

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INTRODUCTION

The Red Dog property is a copper-gold porphyry type deposit, located on northern Vancouver Island, British Columbia Canada. Crew Natural Resources Ltd. holds the claims under option from Mr Heinz Veerman of West Vancouver, B.C., It is presently under the joint operatorship of Moraga Minerals Ltd and Crew Natural Resources Ltd while Moraga Resources Ltd earn an interest in the property by the expenditure of exploration funds.

LOCATION AND ACCESS

The Red Dog property is located on northern Vancouver Island, in British Columbia Canada. Geographic coordinates are 50° 40' north latitude and 127° 50' west longitude.

The claims lie completely within Western Forest Products tree farm license #6, and are surrounded by BHP-Utah Mines Ltd "Expo" claim block, now under option to Moraga Resources Ltd. See Figure 1, LOCATION MAP and Figure 2, CLAIM MAP. The coordinate grid marked on the claim map is the UTM grid with the numbering abbreviated for convenience. Full UTM grid coordinates are realized by adding 56 as a prefix to the northings, and 5 to the eastings. That is 17000N 72000E on Figure 2 has the true UTM coordinates of 5617000, 572000.

Access to the claim block is by way of 45 km of good gravel road from the Island Highway at Port Hardy. Tide water is 15 km away by road at Holberg. Western Forest Products logging access road NE62 provides access from the Port Hardy - Holberg road. Branches 62B and 62H cross all areas of interest.

TOPOGRAPHY AND CLIMATE

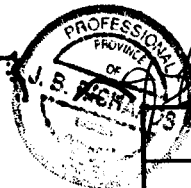
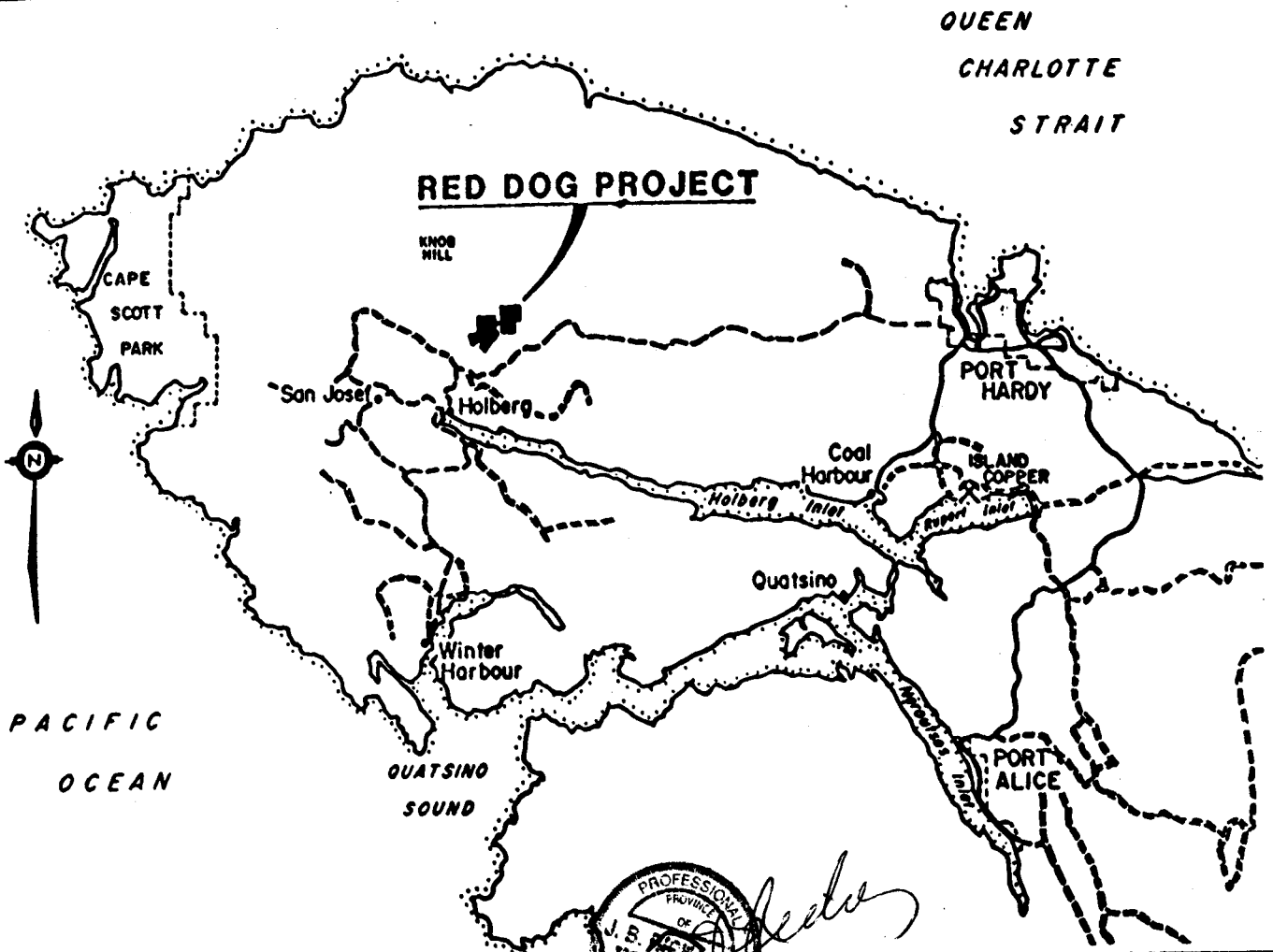
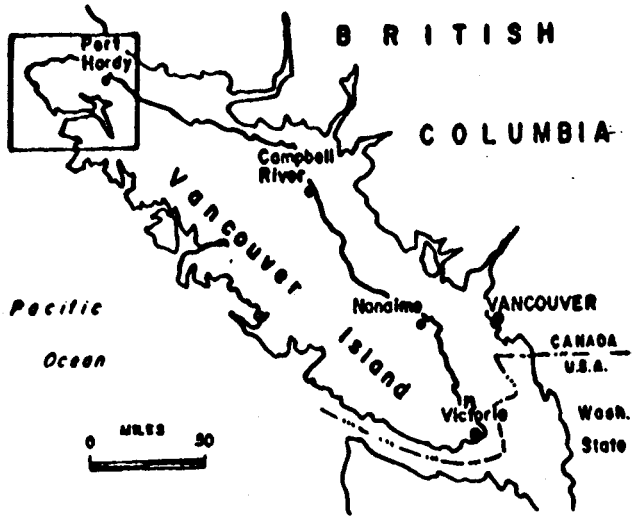
The area is one of moderate relief, the hills rising to 360 metres above the valley bottom at 180 metres above MSL. Slopes rarely exceed 40°.

The mineralized zone occupies a local prominence called Red Dog Hill, which rises to 470 metres on the flank of a long 550 metre elevation ridge.

The entire area of interest has been clear-cut logged and replanted in the years since the Red Dog claims were staked. Secondary growth is very dense, and movement through the bush away from cut lines or creek beds is difficult.

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MORAGA RESOURCES LTD.		
RED DOG PROJECT Northern Vancouver Island		
LOCATION MAP		
DAIWAN ENGINEERING LTD.		
SCALE As Shown	DATE May '91	FIG. 1

CLAIM STATUS

The Red Dog property consists of 28 full size and fractional two post claims. See Figure 2., Claim Map. Relevant data is tabulated below.

<u>Claim Name</u>	<u>Record No.</u>	<u>Record date</u>	<u>Expiry Date</u>
Red Dog 1 - 8	19134 - 19141	Dec. 13,1966	Dec.13,2000
Red Dog 9 - 10	19142 - 19143	Dec. 13,1966	Dec.13,2000
Red Dog 11 - 12	19144 - 19145	Dec. 13,1966	Dec.13,2000
Red Dog 13fr.	25147	June 17,1968	June17,2000
Red Dog 14	19409	May 23,1967	May 23,2000
Red Dog 15 - 26	21521 - 21532	Dec. 1,1967	Dec. 1,2000
Red Dog 29fr.	21535	Dec. 1,1967	Dec. 1,2000
Red Dog fr.	19410	May 23,1967	May 23,2000

With the filing of this assessment work the claims expiry will be 2001.

HISTORY

The Red Dog property is a geochemical find, having been first detected by a regional program in 1962. Follow-up on a 1962 anomaly during the 1966 field season led to the discovery of the mineralization in the bed of a creek and the subsequent staking of the Red Dog claims. Three holes were drilled with a winkie drill in 1967 but core recovery was very poor.

In 1968 a two stage drilling program was carried out; 1,722 metres in 20 holes, with a soil geochemistry survey run in between stages.

In 1970 very-low frequency electromagnetic (VLF- EM) and ground magnetic surveys were completed. Four anomalies located in by the geophysical surveys were tested by 4 diamond drill holes totalling 453 metres The roads and creeks were geologically mapped.

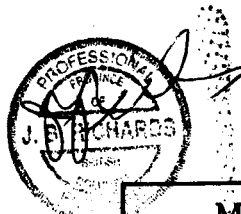
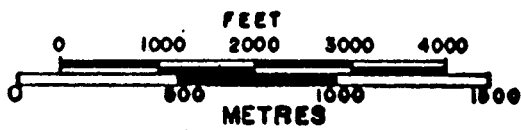
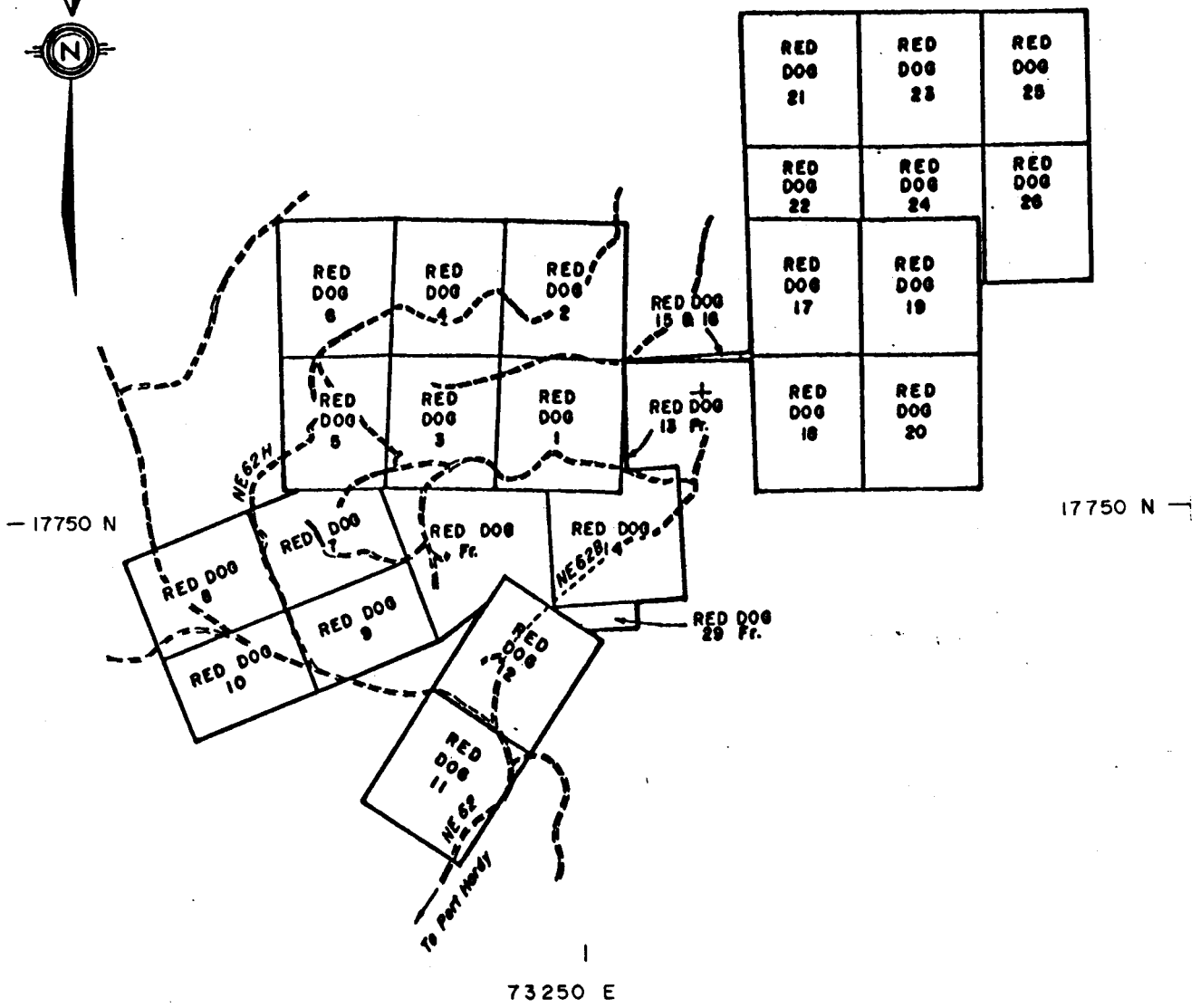
In 1972 the claims were optioned to Cities Services who remapped the property, relogged the previous drilling and drilled three holes totalling 903 metres.

In 1973 Cities Services was joined by Westminex Development. A program of rock geochemistry and 7.7 km. of road I.P. survey were done. Three deep core drill holes were recommended as well as a line I.P. survey, but were not done.

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73250 E



MORAGA RESOURCES LTD.			
RED DOG PROJECT Northern Vancouver Island			
CLAIM MAP			
DAIWAN ENGINEERING LTD.			
SCALE	As Shown	DATE	May '91
		FIG.	2

In 1974 Westminex Development drilled the three core holes recommended in 1973, totalling 613 metres as well as 2 winkle holes.

The property was not worked again until 1982 when Utah Mines optioned it and completed the line I.P. work over the Red Dog hill as recommended in 1973, and 664 meters of core drilling in 6 holes, in the first stage and 1059 metres in 6 more holes plus one earlier one deepened.

The final work program on the property by Utah Mines was a program of five core holes drilled in the fall of 1983, totalling 779 metres, to test various I.P. anomalies on the south slope of Red Dog hill. The I.P. anomalies were all found to be caused by a zone of advanced argillic alteration with associated pyrite.

In 1988 Crew Capital Corp. drilled 4 holes on Red Dog hill totalling 1041.8m to test the depth and eastern extent of the mineralization.

In 1989 Moraga Resources Ltd drilled 1850.6 m in 10 new holes, and in deepening one old hole, with the objective delineating the quartz-magnetite breccia on the Red Dog Hill zone.

GEOLOGY

A) Regional

The property is underlain by volcanic and sedimentary rocks of the Vancouver Group; the Bonanza Formation volcanics and related tuffs and tuffaceous sediments of lower Jurassic age for the largest part. The volcanics have been intruded by Jurassic and later porphyry stocks and dikes. The regional trend of the volcanics is NW with moderate SW dips in the order of 20 to 35 degrees. The regional dip is related to a set of strong NW block faults which also cause the section to be repeated. The NW trending block faults appear to be part of a deep seated zone of structural weakness along which intrusive centres have been located. The Red Dog intrusive and related dikes are one of seven volcanic centres regularly spaced at 7 to 10 km intervals in a more or less straight line along the north side of Holberg and Rupert inlets starting with Island Copper on the south-east, Apple Bay, Pemberton Hills, Hushamu, Red Dog, and finally Knob Hill to the north-west. Block faulting has lifted the various volcanic centres so that different levels within the original systems are exposed at each location. Island Copper, Hushamu, and Red Dog are the only ones having sufficiently deep erosion to expose the copper porphyry zones.

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MORAGA RESOURCES LTD.

RED DOG PROJECT
Northern Vancouver Island

REGIONAL GEOLOGY

DAIWAN ENGINEERING LTD.

SCALE As Shown DATE May '91 FIG. 3

--- Airborne Magnetics Lineaments
--- Ground Mapping (Faults)
From BCDM Aerial Survey, 1963

PROPERTY

N.W. EXPO

RED DOG

HEP

HUSHAMU LAKE
MCINTOSH M.T.N.

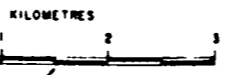
Dorlon

WEST PEMBERTON

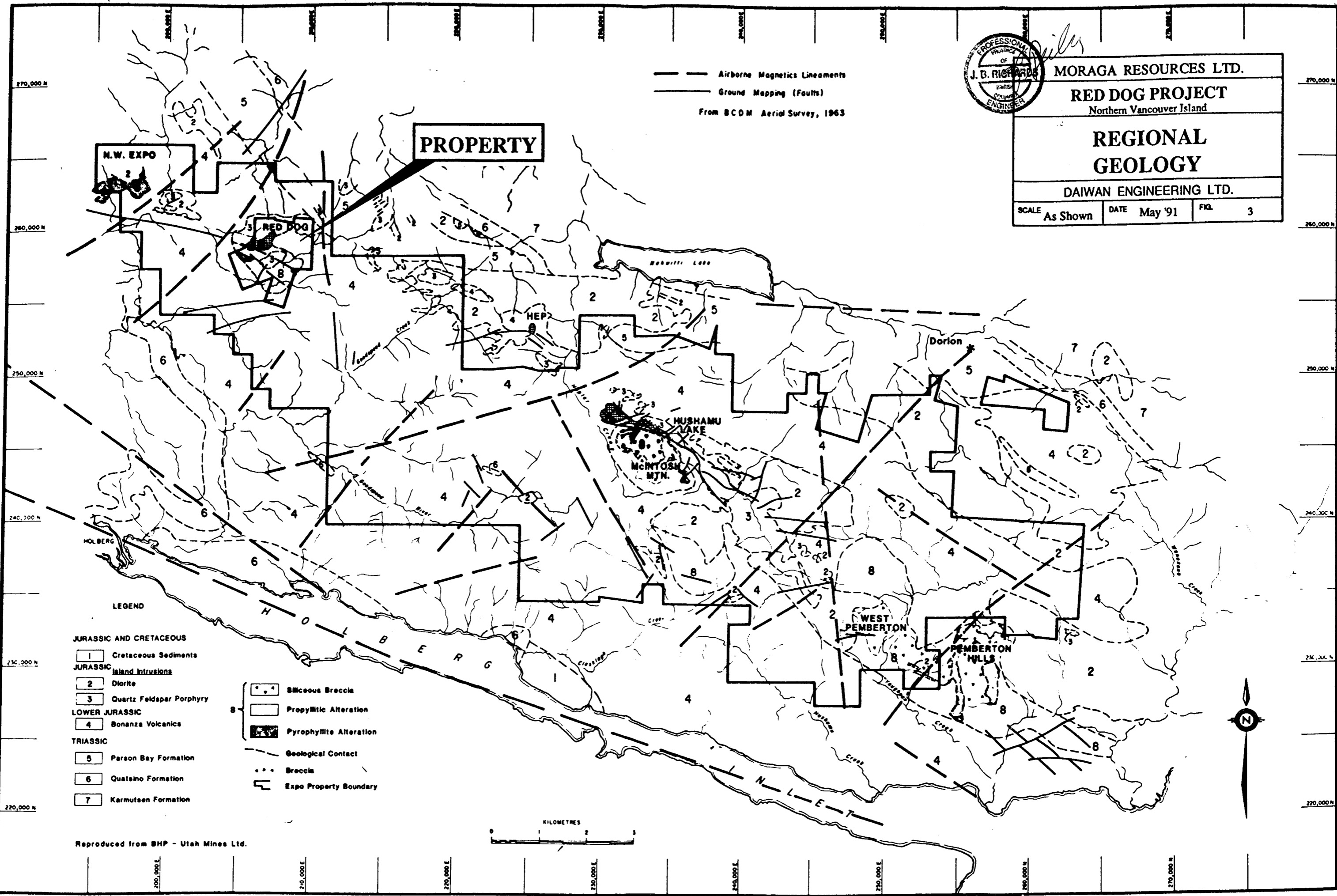
PEMBERTON HILLS

LEGEND

- JURASSIC AND CRETACEOUS**
- 1 Cretaceous Sediments
- JURASSIC**
- 2 Diorite
- 3 Quartz Feldspar Porphyry
- LOWER JURASSIC**
- 4 Bonanza Volcanics
- TRIASSIC**
- 5 Parson Bay Formation
- 6 Quatsino Formation
- 7 Karmutsen Formation
- 8 Siliceous Breccia
- Propylitic Alteration
- Pyrophyllite Alteration
- Geological Contact
- Breccia
- Expo Property Boundary



Reproduced from BHP - Utah Mines Ltd.



B) Property

Andesitic flows, tuffs and tuffaceous sediments of the Bonanza volcanics have been intruded, altered and mineralized by a sequence of feldspar porphyry dikes. The mineralization is thought to be related to a quartz eye porphyry that is very similar in composition to the intruded volcanics with the exception of the quartz eyes. Later intrusives related to the Red Dog stock limit the mineralization to the north.

Faulting is very extensive. Fracturing is every where at least moderate and very often strong to extreme in its intensity. The amount of movement on any one fault is uncertain.

Alteration in the Red Dog Hill zone ranges from propylitic to advanced argillic. A 500m envelope of albitized, hornfelsed material with abundant magnetite, amphiboles and biotite surrounds the quartz-eye porphyry. A later chlorite - sericite overprint has destroyed almost all of the biotite and amphibole, and in many places reached such intensity that only green sericite remains of the mafics.

DRILL PROGRAM

The objective of the drill program was to provide information on the lateral continuity of the copper gold mineralization in the Red Dog Hill zone, and to some degree the location of the ore/waste contact. In addition, one hole, 91-1 was drilled in the Slide Creek zone to test the depth extent of the zone and the continuity of the mineralization found in hole 027.

The drilling was executed by Olympic Drilling Ltd. of New Westminster B.C., using a unitized Longyear Super-38 drill. HQ tools, recovering 64mm diameter core were used from the collar of several holes to maximize core recovery and sample size for future metallurgical test work. NQ tools were used for the remainder of the coring, recovering a 48 mm. diameter core, except for the bottom 59m of hole 91-7 which were drilled with BQ tools recovering 36.5 mm diameter core, after reducing from HQ and NQ in faults.

Drill moves were made with a JD650 tractor supplied by the drilling contractor.

Drill access trails were constructed by Pearson Excavating of Port Hardy using tracked back-hoes.

The field work commenced with the mobilization of the engineer on the 19th of March. Drill access road construction began on the 20th of March and the drill and crew arrived on the 21st of March. Drilling continued until the 16th of April. The drill and the engineer both left the property on the 17th of April. Eight holes were drilled, numbered 91-1 to 90-8, totalling

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1240.88m.

Considerable difficulty was experienced by the drill crew in gaining good core recovery due to the highly fractured nature of some rock units, and two holes, 91-3 and 91-7 had to be abandoned in faults. Ground conditions necessitated blasting to permit the retrieval of drill pipe in holes 91-6 and 91-7, and a core-barrel was lost in 91-1.

All core was transported by truck to the logging facility at the Trails End Motel at Holberg. The core was logged in detail by J.B.Richards, P.Eng. on GEOFORM computer forms. The GEOFORMs were used to enable the data to be readily digitized at a later date should this be necessary. The codes and scales used in the GEOFORMs are explained in the first log, for the dummy hole 90-00. At the end of each geologic log there is a plain english summary of the geology on a unit by unit basis. Typewritten assay logs are appended to the end of each geologic log.

The core was marked out in 3 metre intervals or at geologic breaks, and split lengthways, with half being returned to the core-box and half sent for assay. Assaying was done by Acme Analytical Laboratories Ltd. of Vancouver. The assay results are tabulated on Assay Logs at the end of each geologic log. The core recovery was estimated by measuring the core over each sample length, and is reported as a percent on the assay logs. Also the Rock Quality Designator or RQD was estimated by measuring the amount of core in each sample interval that is in pieces longer than twice the core diameter. This figure is also tabulated with the assay data.

The geologic and assay logs are appended as APPENDIX B.

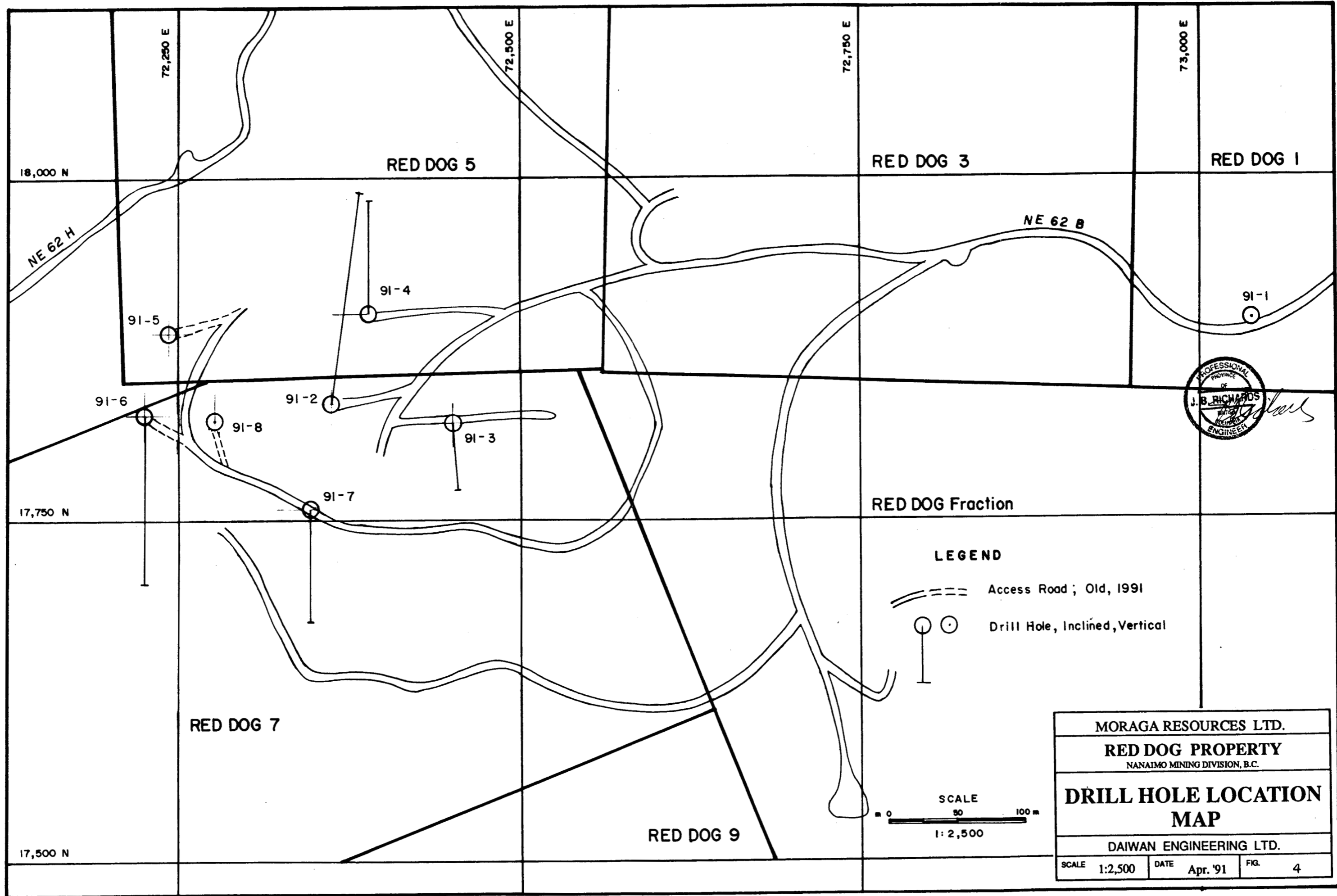
The core is stored at the logging facility at the Holberg Motel in Holberg.

The collars of the holes were surveyed by by tape and compass from adjacent control previously established by land surveyors. The coordinates are in metres on the UTM grid as noted in the introduction.

See Figure 4 for drill hole locations.

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PROFESSIONAL
 PROVINCE
 OF
J. B. RICHARDS
 CIVIL
 ENGINEER

LEGEND

--- Access Road ; Old, 1991

○ Drill Hole, Inclined, Vertical

SCALE
 0 50 100 m
 1: 2,500

MORAGA RESOURCES LTD.		
RED DOG PROPERTY NANAIMO MINING DIVISION, B.C.		
DRILL HOLE LOCATION MAP		
DAIWAN ENGINEERING LTD.		
SCALE 1:2,500	DATE Apr. '91	FIG. 4

RESULTS and DISCUSSION

Hole 91-1 indicates that the mineral zones in the Slide Creek zone are related to structure, and that the zones are relatively narrow; in the order of 40m wide if steeply dipping, less if dipping at a shallow angle.

Drillhole 91-2 is somewhat enigmatic. The upper portions are very well mineralized with gold, but contain very little copper. In as much as the hole is a -45° angle hole down a steep slope, and the rock is hematite stained one is forced to the conclusion that the copper has been leached, since in no other location has gold grades in the order of 0.010 oz/t been encountered not associated with copper. The hematite seen is similar to the hematite seen elsewhere in the magnetite zone, and by itself does not suggest surface weathering. The length of this hole mineralized by gold should all be "ore" so a vertical hole will be required to test the depth extent of the weathering and confirm the copper mineralization.

Drillhole 91-3 confirms the "ore" zone extent to the east of the top of Red Dog Hill. Ground conditions related to a fault caused the hole to be terminated before it's planned depth.

Drillhole 91-4 located the postmineral intrusive contact to the north of the Red Dog Hill zone. The relatively low grades of the expected "ore" zone encountered are in keeping with the observed tendency of holes drilled on the north-east of Red Dog Hill to be of lower grade.

Drillholes 91-5, 91-6 , 91-7 & 91-8 confirm the grades previously encountered on the southern and western slopes of Red Dog Hill, 91-5 & 6 give the depth to the post-mineral intrusive as well.

The present data confirms that there is a reasonable possibility of developing a small open-pit deposit on the Red Dog Hill zone, but questions remain as to the depth extent and widths of the Slide Creek zone "ore" bands.

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STATEMENT OF COSTS

The following expenses were incurred between February 15 1991 and April 30 1991 related to the March-April drill program on the Red Dog property.

Personnel

Snr. Geologist P. G. Dasler	13.45 days @ \$380	5,111.00	
Project Geologist B. Richards	35 days @ \$380	13,300.00	
Assistant S. Oakley	28 @ \$250	9,800.00	
Assistant R. Bilquist	2 @ \$260	520.00	
Assistant L. Allen	2.5 @ \$260	650.00	
Office/Drafting T. Sheridan	4.8 @ \$220	<u>1,056.00</u>	
		27,702.00	27,702.00

Expenses

Food and Accom. 30 mandays			2,811.27
Field Supplies			372.37
Equipment rental			246.00
Vehicles and Fuel 36 days 4X4	3,444.44		
Airfares			638.18
Drafting/Maps			323.14
Office/Typing			200.00
Telephone			142.73
Assays 355 Cu, Mo, Au assays @ \$21.64 incl freight			7,681.65
Heavy Equip rental Hitachi 07 excavator			5,224.00
Drilling 1240.88 metres @ \$88.91/ metre			110,325.96
Misc			175.71
Disbursement fees			3,217.10
GST			<u>3,652.49</u>
	TOTAL		166,157.03

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APPENDIX A

STATEMENT OF QUALIFICATIONS

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STATEMENT OF QUALIFICATIONS

I, John Byron Richards certify that:

- 1) I reside at 2879 West 38th Avenue in Vancouver, Canada,
- 2) I am a graduate of the University of British Columbia in Geological Engineering,
- 3) I have practised my profession more or less continuously since graduation in 1970,
- 4) I have been a member of the Association of Professional Engineers of the Province of British Columbia since 1973,
- 5) I have no interest in the Red Dog mineral claims, in Crew Natural Resources Ltd, or in Moraga Resources Ltd., and I do not expect to receive any such interest.

The signature below endorses all the drill logs as well as the text of this report.



J.B. Richards, P.Eng.
May 10th, 1991

APPENDIX B

DRILL LOGS AND ASSAY CERTIFICATES

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Identify Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F Entry
GRAPHIC

REV	FLAG	FORMAT VERSION	H-TYPE	ID OF DRILL HOLE TRAVELER NAME AND NUMBER	SIZE OF CORE OR HOLE	VR	MON	DAY	MIN	APT	GEOLOGED BY	LEAD BY	VR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS IN FT																		
I	I	D	E	N	6	B	0	S	D	0	0	0	0	0	0	0			M																	
P	P	R	J	MORAEN IRISORIKIES								RED OGE PROJECT								HILBERG D.C.																
TURN CPT	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG. DOWN	STATION	OFFSET	NEG. UP	NORTHING	NEG. SOUTH	EASTING	NEG. WEST	ELEVATION	NEG. SEA	UNITS																		
000																																				
U	FLAG	FROM	TO	RECOVERY	TYPED	MIS	ROCK-SOIL	TYFEN-MAT	QAL-MAT	TEXTURES	GRAIN	FRACTURE	COUNT	Y	Z	STRICT	STRIKE	AZM	DP	DIP	QZ	BI	CY	CB	MG	B	X	I	PY	I	CP	CL	TY	F1	F2	SUMMARY
L	FROM	TO	RECOVERY	ENV	ATO	C/C	TMI	OMI	TR1	TR2	S1	R1	S2	O1	N	S	A	S1	T1	STRICT	AZM	DIP	QZ	BI	MU	CL	EP	ME	PR	MO	SL	M1	M2			
A	FROM	TO	RECOVERY	ENV	ATO	C/C	TMI	OMI	TR1	TR2	S1	R1	S2	O1	N	S	A	S1	T1	STRICT	AZM	DIP	QZ	BI	MU	CL	EP	ME	PR	MO	SL	M1	M2			
F	FROM	TO	RECOVERY	ENV	ATO	C/C	TMI	OMI	TR1	TR2	S1	R1	S2	O1	N	S	A	S1	T1	STRICT	AZM	DIP	QZ	BI	MU	CL	EP	ME	PR	MO	SL	M1	M2			
CODIES AND SCALES FOR RED OGE PROJECT																																				
KEY: COLUMN 1										ROCK CODES, P, E, AND N LINES.																										
HEADER LINES										MISCELLANEOUS																										
IDENTITY DATA										CASN CASING IN BEDROCK																										
SURVEY DATA										FAUL FAULT GAUGE																										
GEOLOGIC DATA										MESH LAST CORE																										
PRINCIPLE GEOLOGIC INTERVAL										SAND SAND IN FAULT																										
EXTENDED GEOLOGIC INTERVAL										BANANA VOLCANICS, ANDSITIC																										
IDENTICAL DATA WITH LAST P										BVAB BRECCIA TUFF																										
LINE ABOVE ACCEPT AS MODIFIED.										BVAF FLOW																										
NESTED GEOLOGIC INTERVAL CONTAINED										BVAM UNDIFFERENTIATED																										
IN PRINCIPLE PERCENT MIX IN CAL.										BVAT ASH TUFF																										
23 G SCALE										RMOX QUARTZ MAGNETIC BRECCIA																										
LOWER TIER GEOLOGIC DATA.										SIBX SILICEOUS BRECCIA																										
ASSAY DATA																																				
REMARK																																				
KEY HORIZON																																				
FLAGS, COLUMN 2-4										INTRUSIVES																										
IDENTITY										PRØ ROSE QUARTZ PORPHYRY																										
TRAVVERSE/HOLE IDENTIFIER										PØS PORPHYRYTIC SYENITE																										
PROJECT IDENTIFIER										FØS FINE PORPHYRYTIC SYENITE																										
SURVEY										PØD RED OGE QUARTZ FELDSPAR PORPH																										
COORDINATES										PØH3 FELDSPAR HARBLEND PORPHYRY																										
STARTING AZIMUTH & DIP																																				
INTERMEDIATE SURVEY																																				
LINE NEW AZIMUTH & DIP																																				
REMARK																																				
ALTERATION										TXT TEXTURE																										
FRACTURING																																				
HEADER																																				
LITHOLOGY										FØAT FELDSPAR PORPHYRY/ASH TUFF, AND																										
MINERALIZATION																																				
SPECIMEN TAKEN																																				
STRUCTURE																																				
SUMMARY																																				

S = Alpha 5 0 = Zero 1 = One 2 = Two 7 = Seven @ = Alpha O | or | = Alpha I z = Alpha Z

Identify Data
Survey Data
Upper Test
Lower Test
Assay Data
F Entry
GRAPHIC

REV	FLAG	FORMAT VERSION	ID OF DRILLHOLE/TRAVERTSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	LOGGED BY	COMPLETED YR MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F						
1	D	605	D1D0010							RED DAG PROJECT		2						
REV	TURN CPT 000-CORR	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	REG# DOWN	STATION	OFFSET	NEG# LEFT	NORTHING	NEG# SOUTH	EASTING	NEG# WEST	ELEVATION	NEG# SUB-SEA
U	FLAG	FROM	TO	RECOVERY	TURN	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRK	STRK	STRK	STRK	STRK	STRK
L	FROM	TO	RECD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV
A	FROM	TO	RECD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV
F	FROM	TO	RECD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV	RTD	ENV
CODES AND SCALES CONTINUED																		
TEXTURES																		
UPPER & LOWER																		
COLUMNS 35-38																		
BR BRECCIATED																		
CM CHILLED MARGIN																		
CT CATACLASTIC																		
ER EQUICRANULAR																		
FR FRAGMENTAL																		
GG GUMMY																		
KR CRACKLED																		
MB MILLED BRILLIA																		
PP PORPHYRYTIC																		
SH SHEARED																		
VG VUGGY																		
TI TYPING MATERIAL																		
UPPER 28-29, 30-31																		
AND LOWER 30-31																		
QUALIFYING MATERIAL																		
UPPER & LOWER 33-34																		
ABUNDANCE COL 32																		
QZ QUARTZ																		
QF QUARTZ FRAG.																		
FX FELDSPHERO.																		
RF ROCK FRAGMENT																		
BI BIOTITE																		
MB MBL ENDZ																		
MG MAGNETITE																		
HE HEMATITE																		
LOWER 29 SHADE																		
A GREY																		
B BLUE																		
G GREEN																		
L LIME GREEN																		
N BLACK																		
O ORANGE																		
P PURPLE																		
R RED																		
T TAN																		
U UMBER-BROWN																		
V VIOLET																		
W WHITE																		
Y YELLOW																		
FRACTURE INTENSITY																		
LOWER 40 AVERAGE																		
FRACTURES/30CM.																		
O NONE																		
1 1																		
2 3 LIGHT																		
3 6																		
4 10																		
5 15 MODERATE																		
6 21																		
7 27 WELL																		
8 36																		
9 45																		
X 55+ EXTREME																		
STRUCTURE IDENTITIES																		
UPPER & LOWER 49&50																		
C CONTACT																		
D DYKE																		
F FAULT																		
FS FRACTURE SET																		
VE CALCITE VEIN																		
VP PYRITE VEIN																		
VQ QUARTZ VEIN																		
VZ ZEPHYTE VEIN																		

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or i = Alpha I z = Alpha Z

KEY	FLAG	FORMAT VERSION	H-T TYPE	ID OF DRILLHOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	LOGGED BY	COMPLETED	DAY	COMMENT / REMARKS	GRID AZIMUTH	UNITS					
I	DEN	6 B O 5	02	000										S					
I	PRJ											RAD 006 PROJECT							
S	FLY	TURN CPT 000	Callin																
S	FLY	FROM	TO	F-S	O	AZM	CLERKWORK FROM TRUE N	V-ANG	NECH DOWN	STATION	OFFSET	NECH LEFT	NORTHING	NECH SOUTH	EASTING	NECH WEST	ELEVATION	NECH SUB-SEA	
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY. MAT	GRAIN MAT	TEXTURE	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT
L	FROM	TO	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY. MAT	GRAIN MAT	TEXTURE	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT
A	FROM	TO	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY. MAT	GRAIN MAT	TEXTURE	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT
F	FROM	TO	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY. MAT	GRAIN MAT	TEXTURE	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
CODES AND SCALES CONTINUED																																																																															
ROCK FABRIC																														N-SCALES										T-SCALE, STRUCTURE										MM																													
																														001 SORTING										THICKNESS																																							
																														1 EXTREMELY POOR										0 THIN LAMINATED										1																													
FINE FRACTION SIZE																														2										1 LAMINATED										3																													
UPPER 39 S-SCALE																														3										2 VERY THIN BEDDED										10																													
COARSE FRACTION SIZE																														4										3 THIN BEDDED										30																													
UPPER 40 S-SCALE																														5 MODERATE										4 MEDIUM-THIN										100																													
PERCENT COARSE FRACTION																														6										5 MEDIUM BEDDED										300																													
UPPER 41 G-SCALE																														7										6 MEDIUM-THICK										1000																													
MAXIMUM PARTICLE SIZE																														8										7 THICK BEDDED										3000																													
UPPER 42 S-SCALE																														9 EXTREMELY WELL										8 VERY THICK										10000																													
SORTING, LOWER 39, NO.01 SCALE																														002 ROUNDNESS										9 EXTREMELY THICK										50000																													
ROUNDNESS "																														1 EXTREMELY ANGULAR																																																	
SPHERICITY "																														2																																																	
PACKING "																														3																																																	
S-SCALE, GRAIN SIZE																														4																																																	
A 0 CLAY																														5 INTERMEDIATE																																																	
B 1 V. FINE SILT																														6																																																	
C 2 FINE SILT																														7																																																	
D 3 MEDIUM SILT																														8																																																	
E 4 COARSE SILT																														9 EXTREMELY ROUND																																																	
F 5 V. FINE SAND																																																																															
G 6 FINE SAND																														003 SPHERICITY																																																	
																														1 FLAT, PLATY																																																	
H 7 MEDIUM SAND																														2																																																	
I 8 COARSE SAND																														3																																																	
J 9 GRIT																														4																																																	
K 0 GRANULE																														5 INTERMEDIATE																																																	
L 1 V. SMALL PEBBLE																														6																																																	
M 2 SMALL PEBBLE																														7																																																	
N 3 MEDIUM PEBBLE																														8																																																	
O 4 LARGE PEBBLE																														9 SPHERICAL																																																	
P 5 SMALL COBBLE																																																																															
Q 6 LARGE COBBLE																																																																															
R 7 SMALL BOULDER																																																																															
S 8 MEDIUM BOULDER																																																																															
T 9 LARGE BOULDER																																																																															
U 0 V. LARGE BOULDER																																																																															

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | = Alpha I z = Alpha Z

Identity Data
Survey Data
Upper Part
Lower Part
Coordinates
Assay Data
Entry
Graphic

REV	FLAG	FORMAT VERSION	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME	MIN	APT	BY	GEOLOGGED BY	COMPLETED	DAY	COMMENT / REMARK	CARD AZIMUTH	UNITS
I	D	E	N	6	B	0	5	0	0	0	0	0	0	RED ORE		4
U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY MAT	QAL MAT	TEXTURES	CRACK	STRUCTURE	STRAIN	STRAIN	STRAIN			
L	FROM	TO	RECOVERY	RQD	ENV	RTO	LC	TMU	QMU	TR	TR	TR	TR			
F	FROM	TO	RECOVERY	Sample Serial No												
COOES AND SCALES CONTINUED																
ALTERATION AND SULFIDE MINERALS																
UPPER & LOWER TIER GEOLOGIC DATA																
FIRST COLUMN IS HOW OF OCCURRENCE, H-SCALE																
2ND COLUMN IS AMOUNT, G-SCALE																
QUARTZ U 57-58 MINERAL ZONE INTENSITY																
K-SPAR L 57-58 L?? PRIMARY G-SCALE																
BIOTITE U 57-60 L?? SECONDARY SUM OF ALL																
SERICITE U 57-60 L 58 Sulfides.																
CLAY U 61-62 1 PY > CP																
CHLORITE L 61-62 2 PY > CP																
CARBONATE U 63-64 3 PY > CP, MA? .005%																
EPIDOT L 63-64 4 PY > CP, B?																
MAGNETITE U 65-66 5 PY > CP, B?																
HEMATITE L 65-66 6 CP > PY																
PYROPHYLITE U 67-68 7 CP > PY, MA																
ZEOLITE L 67-68 8 CP > PY, B?																
PYRITE U 69-70 9 CP > PY, B?																
PYROMPHITE L 69-70																
CHALCOPYRITE U 71-72																
MOLYBDOENITE L 71-72																
CHALCOPRITE U 73-74																
BARNITE L 73-74																
ANY OTHER U 75-76																
HOW, AMOUNT L 75-76																
ALTERATION ZONE																
U?? PRIMARY																
L?? SECONDARY																
0 FRESH																
1 PROPYLITIC CN, SP, CD, ZR, PY																
2 ALBITIZED, AB, HB																
3 ARGILLIC CN, CL																
4 CHLORITE-SERICITE CN, SR, PY																
5 PHYLIC SR, QB, PY																
7 ADVANCED ARGILLIC PP, SR, QB, PY																
8 POTASSIC KE, RE, MG, NO, CP, RP																
9 SILICIC (> 90% QZ)																
ALTERATION INTENSITY																
0 .03																
1 .1																
2 .3																
3 .5																
4 WEAK																
5 MODERATE																
6 STRONG																
7																
8																
9 EXTREME																
9 90																
X 7100																



Geolog System

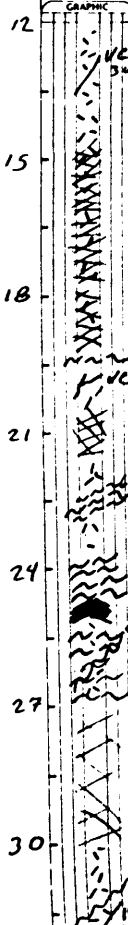
Geofon

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha I 2 = Alpha Z

ENTER KEYS IN COL. 1 TO ACTIVATE PRINTS

Identify Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID # DRILL HOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON DAY	COMMENT / REMARK	GRID AZMUTH	UNITS																						
															M	F																					
KEY	FLAG	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG # DOWN	STATION	OFFSET	NEG # LEFT	NORTHING	NEG # SOUTH	EASTING	NEG # WEST	ELEVATION	NEG # SUB-SEA																			
U	FLAG	FROM	TO	RECOVERY	T _W / M _{IS}	ROCK-SOL	TYPFY-MAT T _{M1} / T _{M2}	QUALMAT QM	TEXTURES TX ₁ / TX ₂	GRAM G ₁ / G ₂ / C ₁ / C ₂ / AMP	FRAC TURE COUNT 1 / 2	STRUC TURE	STRIKE STRK AZM	DIP	ALTERATION & MINERALIZATION	DEFAULT SURTES	SUMMARY F ₁ / F ₂																				
L	FROM	TO	ROD	ENH	RTG	LC	T _{M1}	QM ₁	TX ₁	TX ₂	G ₁	G ₂	C ₁	C ₂	AMP	STRUC TURE	AZM	DIP	KF	MU	CL	EP	HE	202	PR	MO	130	HOW ARR	M1	M2							
12	P	1.2	1.5			BUAT	RE	FLY	FR	KJL			OVC		30	P?	V+															47					
	L						7A				9		FS		40	P10 =																32					
15	E	1.5	1.8			BUAT				CR			FI																				52				
	L									SG			X	OVC		2	" "																2+				
18	E	1.8	2.1			BUAT				CR			FI																					50			
	L									FL			X	OVC		2																		2+			
21	E	2.1	2.4			BUAT				CR			SF/		65																			50			
	L									GGMB			X	OVC		30	2																	3+			
24	E	2.9	2.7			BUAT				CR			FI																						50		
	L									GGMB			X																						2+		
	N	2.4.54	2.5.16			XBSDI							OVC		30																						
27	R	2.7	3.0			OVAT							VC																						77		
	L												VZ																						2+		
	R	2.7				PROBABLY SAME TUFF OUT TEXTURE VERY HARD TO FRACTURES AND MINOR CRUSHED ZONES FILLED WITH CAJETE & IRREGULAR ZEPOLITE																															
30	A	3.0	3.3			BUAT							SF/		60																					47	
	L									SA																										23	





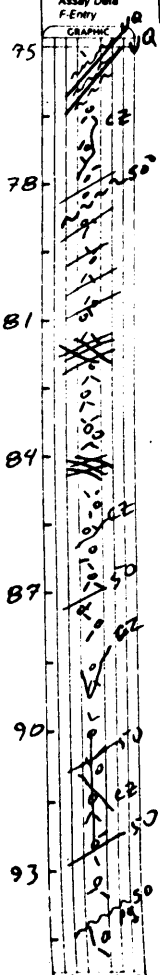
Geolog System

Geofom

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or l = Alpha I z = Alpha Z

Identify Data
Survey Data
Upper Tier
Lower Tier
Griddata
Assay Data
F-Entry
GRAPHIC

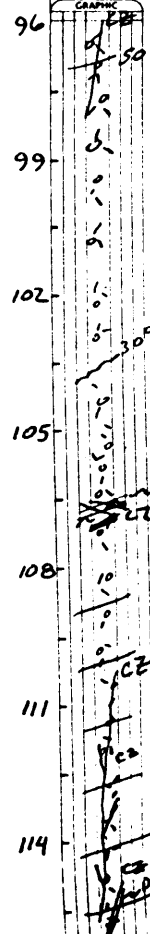
REV	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE/TRaverse NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F		
I	DEN	6805	D091-1																	5	
I	PRJ																				
REV	TURN PT	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB-SEA			
S																					
U	FLAG	FROM	TO	RECOVERY	T _{WOOD}	ROCK-SOIL	TYPE-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	
L																					
A																					
F																					
E		75.0	78.0			FPAT						210		40	70						50
L						5A					2	CZ									1 =
E		78.0	81.0			FPAT						2F1		50	77						57
L						6A					4										1 =
E		81.0	84.0			FPAT						0CZ									50
L						7A					4										1 =
E		84.0	87.0			FPAT						0CZ									57
L											4										1 =
E		87.0	90.0			FPAT						0CZ									52
L											2										1 =
E		90.0	93.0			FPAT						0CZ									52
L											2										1 =
E		93.0	96.0			FPAT						0CZ									59
L											3	2F1		50							1 =



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Identify Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assy Data
F-Entry

IDENTIFY DATA		SURVEY DATA		UPPER TIER		LOWER TIER		GEOLOGIC DATA		ASSY DATA		F-ENTRY						
KEY	FLAG	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG# DOWN	STATION	OFFSET	NEG# LEFT	NORTHING	NEG# SOUTH	EASTING	NEG# WEST	ELEVATION	NEG# SUB-SEA
P		96.0	99.0				FPATREX			FKPP J2L								57
L							7ARQF											
E		99.0	102.0				FPAT											57
L																		
F		102.0	105.0				FPAT											57
L																		
E		105.0	108.0				FPAT											57
L																		
		106.5	114.0	B/L Q.W. FAULT AT 104.5 SR IS PALE GREEN MAKING ROCK LOOK MORE INTRUSIVE. SAME OVERALL FABRIC. SEVERAL ORTHOXY CB VEINS AND 1-2 MM OPEN FRACTURES.														
E		108.0	111.0				FPAT											57
L							SA											
E		111.0	114.0				FPAT											57
L																		
E		114.0	117.0				FPAT											57
L																		





Geolog System

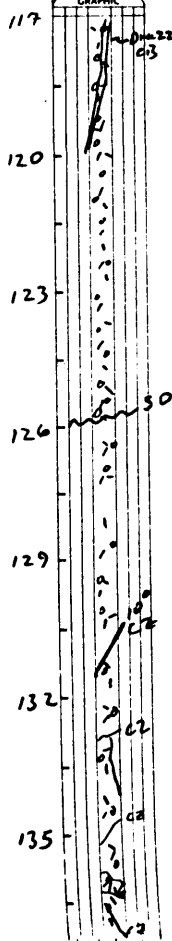
Geoform

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha I ± = Alpha Z

ENTER KEYS IN COL. 1 TO ACTIVATE ENTIRE

Identity Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

KEY	FLAG	FORMAT VERSION	HIT TYPE	ID # DRILLHOLE/TRaverse NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F	
																				DE
P																				
L																				
E																				
L																				
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SEVERAL IRREGULAR CONTACTS WITH SHIRT SECTIONS AS FINGER GRAINED BUT OTHER WISE SIMILAR MATERIAL



Geolog System

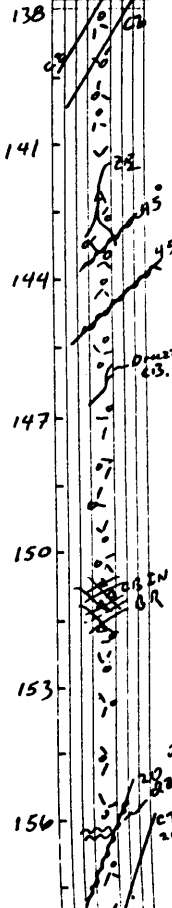
Geoform

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha I z = Alpha Z

ENTER KEYS IN COL. 1 TO ACTIVATE ENTRIES

Identity Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry / 30

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE/TRAVELSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F
P		D E N G B O S	0091-1																
L																			
E																			
L																			
E																			
L																			
E																			
L																			
E																			
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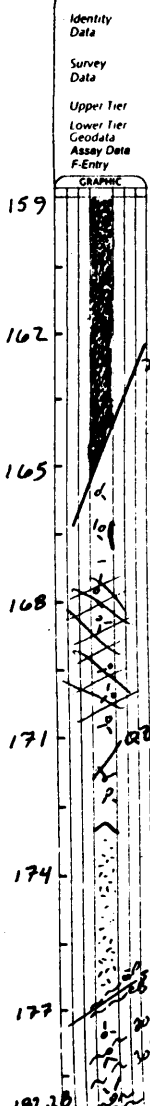


Geolog System

Geoform

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or i = Alpha I z = Alpha Z

KEY		FLAG	FORMAT VERSION	NIT TYPE	ID #1 DRILLHOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	APT	BY	GEOLOGGED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	CARD AZIMUTH	UNITS M/F																			
I	DEN	6	B05	00	91-1																																	
U	FLAG	FROM	TO	F-S	O	AZM	LOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB-SEA																				
L	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION DATA SPTS					SCHEMATIC																				
A	FROM	TO	RECOVERY	ENV	RTO	LC	TMH	OML	TK1	TK2	TK3	TK4	TK5	TK6	TK7	TK8	TK9	TK10	TK11	TK12	TK13	TK14	TK15	TK16	TK17	TK18	TK19	TK20	TK21	TK22	TK23	TK24	TK25	TK26	TK27	TK28	TK29	TK30
P		159.73	165.51				GS/D			AM																												
L	RLTH	159.73	165.51				BASALT DYKE,																															
P		165.51	169.0				F.P.A.T.			ERPP	K3M																											
L	RLTH	165.51	173.80				F.P.A.T. AS ABOVE,																															
E		169.0	173.80				F.P.A.T.																															
L	RLTH	169.0	173.80				SOME CHLORITE, AFTER H.B.? GIVES INTERESTING LOOK TO OTHERWISE TRIFACIOUS ROCK FABRIC.																															
P		173.80	178.25				F.P.H.B.			JIK																												
L							S.P.I.																															
P		178.25	182.80				F.P.A.T.				K3M																											
L	RLTH	178.25	182.80				F.P.A.T. AS ABOVE																															



EDH

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or i = Alpha I z = Alpha Z

Identity Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

ENTER KEYS IN COL. 1 TO ACTIVATE ENTRIES										NO OF DRILLHOLE/TRAVERSE NAME AND NUMBER										SIZE OF CORE OR HOLE				DATE AND TIME				GEOLOGGED BY				COMPLETED				COMMENT / REMARK										GRID AZIMUTH		UNITS																																												
KEY	FLAG	FORMAT VERSION	H/T TYPE											YR	MON	DAY	HR	MIN	APT	BY	ED BY	YR	MON	DAY											GRD AZIMUTH	UNITS																																																								
I	DEN	S B O S	00	91-1										91	03	24				JBR		91	03	26												T 10																																																								
I	P R J																																																																																											
S	TURN CPT			FROM	TO	F-S	O	AZM	CLOCKWISE	V-ANG	NEG	STATION				OFFSET	NEG	NORTHING		NEG	EASTING		ELEVATION		NEG																																																																			
5	0000			0	102.20					-90									17825.6			23030.0	397.7																																																																					
U	FLAG			FROM	TO	RECOVERY		ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAM	FRACTURE	STRUCT	STAKE	DP	ALTERATION & MINERALIZATION DEFAULT SUFFS										SUMMARY																																																																	
L				FROM	TO	RECOVERY		ENV	RTQ	LC	TMU	QMU	TRJ	TRK	TRL	TRM	TRN	TRP	TRQ	TRR	TRS	TRT	TRU	TRV	TRW	TRX																																																																		
A				FROM	TO	RECOVERY																																																																																						
F				FROM	TO	RECOVERY																																																																																						
										1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80			
										R	SUM	0	366		OVERBURDEN & ROAD FILL																																																																													
												366	466	BANANZA VOLCANICS ASH TUFF LITHIC FRAGMENTS AND FELDSPAR PHENOS IN FINE MATRIX. STRONGLY FRACTURED AND SOFT.																																																																														
														PYRITE LARGELY DISSEMINATED SOME ON FRACTURES AND CALCITE VEINS. CHALCOPYRITE TO 1%. TRACE ATRE BORNITE. CALCITE & CALCITE ZEOLITE VEINLETS. CORE LAST FROM 9.00-10.4M.																																																																														
														0.2M FELDSPAR HORNBLENDE PORPHYRY DYKE AT 11M																																																																														
														0.6M BASALT DYKE AT 24.54M.																																																																														
												466	5437	FELDSPAR PORPHYRY ASH TUFF LITHIC FRAGS TO 1CM ROUNDED QZ EYES AND FINE TO COARSE FELDSPAR PHENOS/FRAGMENTS. WHETHER A QZP OR TUFF DERIVED FROM QZP IMPOSSIBLE TO SAY. CONSIDERABLE VARIATION IN GRAIN SIZE AND CONTENT OVER SHORT DISTANCES.																																																																														
														STRONG QZ-SR-PY ALT'. SR OFTEN HAS GREENISH CAST AFTER QZ/PYRITE PROBABLY THE CHLORITE-SERICITE OVERPRINT THAT HAS FORMED FURTHER THEN ELSEWHERE, RATHER THEN THE PHYLLIC ZONE WHICH IS WHY THE ALTERATION SUMMARY PRIMARY ZONE IS BLANK & THE SECONDARY ZONE IS FILLED IN AS PHYLLIC.																																																																														
														CALCITE VEINS AND MICRO VEINS COMMON, WITH ZEOLITE ON SELVAGES.																																																																														
														PYRITE 3-110%, AVERAGE 5%. LARGELY DISSEMINATED CHALCOPYRITE TRACE TO 1%. A FINE GRAINED BLACK MINERAL IS COMMON, BUT IS PROBABLY NOT COPPER.																																																																														
														5437 6132 FRESH FELDSPAR PORPHYRY DYKE. DARK MATRIX. 3% DESS PY.																																																																														
														6132 159.73 FPAT AS 46.6-54.39																																																																														
												159.73	165.51	BASALT DYKE ABOVE SOME EPIDOTE SPOTS. FELDSPAR-HORNBLLENDE PORPHYRY																																																																														
												165.51	182.28	FPAT AS ABOVE. SOME EPIDOTE SPOTS. FELDSPAR-HORNBLLENDE PORPHYRY																																																																														
														173.00 - 178.25. FRESH, 1% PY.																																																																														

Assay Log

		DDH 91-1			Collar 17895.58	73038.84	377.70	
From	To	Length	Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
3.66	6.00	2.34	47.0	0.0	90389	0.30	0.006	0.001
6.00	9.00	3.00	43.7	6.0	90390	0.44	0.027	0.001
9.00	12.00	3.00	54.0	6.0	90391	0.31	0.005	0.001
12.00	15.00	3.00	53.3	0.0	90392	0.37	0.012	0.004
15.00	18.00	3.00	41.0	9.3	90393	0.13	0.006	0.001
18.00	21.00	3.00	58.0	5.3	90394	0.34	0.004	0.003
21.00	24.00	3.00	90.0	8.0	90395	0.14	0.004	0.001
24.00	27.00	3.00	93.0	28.0	90396	0.05	0.011	0.001
27.00	30.00	3.00	62.0	4.0	90397	0.20	0.011	0.003
30.00	33.00	3.00	86.7	36.7	90398	0.15	0.003	0.001
33.00	36.00	3.00	88.0	33.3	90399	0.28	0.002	0.001
36.00	39.00	3.00	100.0	46.0	90400	0.19	0.003	0.001
39.00	42.00	3.00	74.3	44.3	90401	0.07	0.004	0.001
42.00	45.00	3.00	94.3	58.0	90402	0.06	0.002	0.001
45.00	48.00	3.00	86.7	42.7	90403	0.07	0.002	0.001
48.00	51.00	3.00	93.0	65.0	90404	0.01	0.001	0.001
51.00	54.37	3.37	96.4	56.4	90405	0.01	0.001	0.001
54.37	57.00	2.63	90.1	38.8	90406	0.01	0.001	0.001
57.00	61.23	4.23	96.4	52.5	90407	0.01	0.001	0.001
61.23	63.00	1.77	96.6	62.1	90408	0.01	0.001	0.001
63.00	66.00	3.00	97.0	40.7	90409	0.01	0.001	0.001
66.00	69.00	3.00	97.3	54.0	90410	0.01	0.001	0.001
69.00	72.00	3.00	85.0	12.3	90411	0.01	0.001	0.001
72.00	75.00	3.00	100.0	56.7	90412	0.01	0.001	0.001
75.00	78.00	3.00	96.3	24.3	90413	0.01	0.001	0.001
78.00	81.00	3.00	89.0	15.7	90414	0.01	0.001	0.001
81.00	84.00	3.00	80.0	45.0	90415	0.01	0.001	0.001
84.00	87.00	3.00	100.0	27.0	90416	0.04	0.001	0.001
87.00	90.00	3.00	82.7	25.0	90417	0.01	0.001	0.001
90.00	93.00	3.00	83.3	11.3	90418	0.01	0.001	0.001
93.00	96.00	3.00	94.3	23.3	90419	0.01	0.001	0.001
96.00	99.00	3.00	97.7	36.7	90420	0.01	0.001	0.001
99.00	102.00	3.00	96.0	36.0	90421	0.01	0.001	0.001
102.00	105.00	3.00	95.3	49.0	90422	0.01	0.001	0.001
105.00	108.00	3.00	80.7	40.3	90423	0.01	0.001	0.001
108.00	111.00	3.00	87.0	38.3	90424	0.01	0.001	0.001
111.00	114.00	3.00	103.3	35.7	90425	0.01	0.001	0.001
114.00	117.00	3.00	81.0	28.3	90426	0.01	0.001	0.001
117.00	120.00	3.00	101.0	45.0	90427	0.01	0.001	0.001
120.00	123.00	3.00	106.7	70.7	90428	0.01	0.001	0.001
123.00	126.00	3.00	79.0	34.0	90429	0.01	0.001	0.001
126.00	129.00	3.00	96.0	28.7	90430	0.01	0.001	0.001
129.00	132.00	3.00	88.0	36.7	90431	0.01	0.001	0.001
132.00	135.00	3.00	100.3	7.3	90432	0.01	0.001	0.001
135.00	138.00	3.00	85.0	15.7	90433	0.01	0.001	0.001
138.00	141.00	3.00	86.3	47.7	90434	0.01	0.001	0.001
141.00	144.00	3.00	97.7	68.0	90435	0.01	0.002	0.001
144.00	147.00	3.00	97.0	24.3	90436	0.03	0.004	0.001
147.00	150.00	3.00	66.7	36.0	90437	0.03	0.002	0.001
150.00	153.00	3.00	82.3	5.3	90438	0.02	0.002	0.001
153.00	156.00	3.00	89.0	37.7	90439	0.05	0.002	0.001
156.00	159.73	3.73	93.8	40.2	90440	0.04	0.006	0.001
159.73	165.51	5.78	93.1	24.4	90441	0.01	0.001	0.001
165.51	169.00	3.49	97.4	25.8	90442	0.02	0.002	0.001
169.00	173.88	4.88	93.0	19.9	90443	0.02	0.004	0.001
173.88	178.25	4.37	92.4	42.1	90444	0.01	0.001	0.001
178.25	182.88	4.63	91.1	43.0	90445	0.02	0.009	0.001

Assay Log

From	To	Length	Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
			DDH 91-1		Collar	17895.58	73038.84	377.70
		Average	86.43	32.53				



Geolog System

Geoform

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | ori = Alpha I z = Alpha Z

KEY	FLAG	FORMAT VERSION	N/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	VR	MON	DATE AND TIME DAY	MIN	APT	BY	LOGGED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	CIRD AZIMUTH	UNITS M.F.	
I-T	FR	MORRIS	RESOURCES	91-2	HQ			9/103	27		JBR		7/103	30			0.0	M	
S	5000			170660	7.5			9.5									17034.8	42362.1	455.9
U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY-MAT	GALMAT	TEXTURE	GRAIN	FRACURE	STRUCT	STRIKE	SLIP	SLIP	SLIP	SLIP	SLIP	SLIP	SLIP
L																			
A																			
F																			
<p>OBJECTIVE OF HOLE IS TO TEST CONTINUITY OF MINERALIZATION FOUND IN 90-3 AND EXPLORE NORTHERN CONTACT WITH PAST MINERAL INTRUSIVES</p> <p>PLAIN LANGUAGE SUMMARY BEGINS ON PAGE 11.</p>																			

Identify Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

GRAPHIC



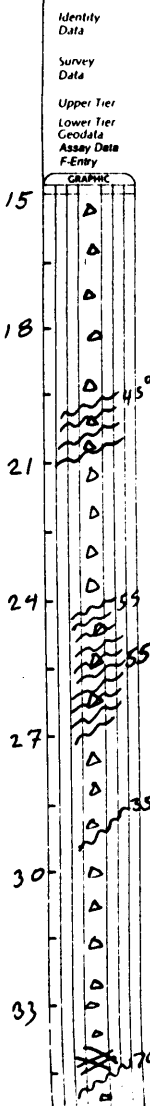


Geolog System

Geoform

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O 1 or I = Alpha I 2 = Alpha Z

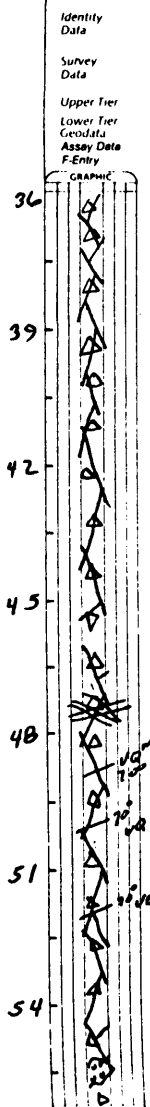
KEY		FLAG	FORMAT VERSION	RAT TYPE	ID OF DRILLHOLE/TRaverse NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME	MIN	APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F			
		I	D E N G B O S	00	97-2															2		
U		FLAG	FROM	TO	RECOVERY	F.S.O.	AZM	CLOCKWISE FROM TRUE N	V.ANG	MEG# DOWN	STATION	OFFSET	MEG# LEFT	NORTHING	MEG# SOUTH	EASTING	MEG# WEST	ELEVATION	MEG# SUB SEA			
L		FROM	TO	RECOVERY	ROCK SOIL																	
A		FROM	TO	RECOVERY	ENV																	
F		FROM	TO	RECOVERY	Sample Serial No																	
15	P	15	18		QMBX QZM6						BRV6									8798		
	L				3AIR							2									4.3	
18	E	18	21		QMBX						GG			6F1	45						8798	
	L				5A						SH	X									4.4	
	R	STR	196	210	GANGY FRULZ ZONE						LIMONITE			MUCH LESS	BELAW.							
21	E	21	24		QMBX																8798	
	L											2										4.1
24	E	24	27		QMBX																8798	
	L											X										4.1
	R	PTH	21		MG IS SEEN TO BE IN STRONG MATRIX ROCKWORK AS WELL AS COARSE VUG																	GENERALY
					FILLING. IPY BEGINS TO SHOW UP AS COATING ML-NB IN VUGS.																	
					IT HAS BEEN OXIDIZED BUT SOME GR LICKED GROUWS REMAIN?																	
27	E	27	30.0		QMBX						GG			5F1							8798	
	L				XFEULGGF						YT											4.1
30	E	30	34.5		QMBX QZM6						DRIVE			2F1		70K0					8798	
	L				3AIR							1										4.1
33	P	30	34.5		QMBX QZM6						DRIVE			2F1		70K0					8798	
	L				3AIR							1										4.1



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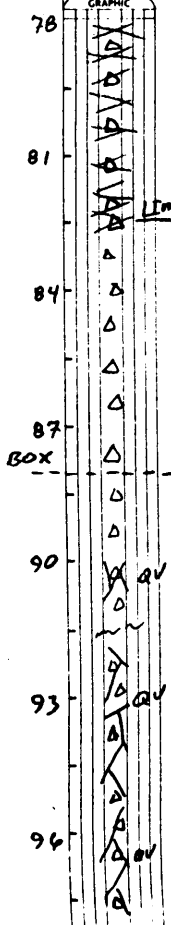
ENTER KEYS IN COL. 1 TO ACTIVATE ENTRIES

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	BY	GEOLOGGED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F	
I	D	E	N	6	B	O	S	0	0	9	1	-	2							3
KEY	TURN/CPT 000 = Collar	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB SEA		
U	FLAG	FROM	TO	RECOVERY	RECOVERED	ROCK SOIL	TYPIFY MAT	GRAIN	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION	DEFAULT SUITES	GC	YR	SUMMARY			
L	FROM	TO	RQD	ENV	RTG	LC	TM	OM	TX	TY	TA	SB	SC	SD	SE	SH	SI	SM	SN	SO
F	FROM	TO	RECOVERY	RECOVERED	ROCK SOIL	TYPIFY MAT	GRAIN	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION	DEFAULT SUITES	GC	YR	SUMMARY				
P		36	39			QMBX	Q2 MG			BRRR			K7		Ø1	B) D)			Ø797	
L	ALTH	36				ROCK IS MC-NB CUT BY V. STRONG QZ STACKWORK. 10-15% VULCS. PALE SILICEOUS CONTAINS LESS. SOME PALE SPOTS PROBABLY SR AFTER CL AFTER QZ SEVERAL AGES OF QZ FLATTENING														
E		39	42			QMBX							B		=	*	(Ø798	
L						FA					3		Ø=		1				2*	
E		42	45			QMBX							B=		*	(Ø797	
L						SA					3		B1						2*	
E		45	48			QMBX					ØVQ		70		B=		(Ø798	
L	RMLN	46	46.5			MED. GRAINED	PYRITE COATING				2		B1						2*	
E		48.0	51.0			QMBX					ØVQ		70		B+		*	(Ø797	
L						FA					4		B=						2*	
E		51.0	54.0			QMBX					ØVQ		70		B=		*	(Ø797	
L						FA					1		B1						2*	
E		54.0	57.0			QMBX							K6		B+		*	(Ø796	
L	RSTR	55	6.6			ROCK APPEARS TO HAVE BEEN CRUSHED, CEMENTED BY QZ AND PY. PY LONE							B=						2*	



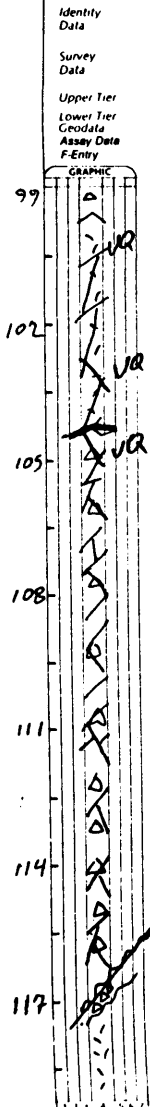
S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or i = Alpha I z = Alpha Z

INTER REVS IN COL. 1 TO ACTIVATE ENTRIES		KEY	FLAG	FORMAT VERSION	N/T TYPE	ID OF DRILLHOLE/TRAVELSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	COMPLETED YR	COMPLETED MON	DAY	COMMENT / REMARK	CARD AZIMUTH	UNITS M/F		
1		I	DEN	6	B	0	S														5	
1		I	P	R	J																	
U		KEY	TURN C/P	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG. DOWN		STATION	OFFSET	NEG. IF LEFT	NORTHING	NEG. SOUTH	EASTING	NEG. WEST	ELEVATION	NEG. W SUB SEA	
L		KEY	FROM	TO	RECOVERY	T ₁	T ₂	T ₃	T ₄	T ₅	T ₆	T ₇	T ₈	T ₉	T ₁₀	T ₁₁	T ₁₂	T ₁₃	T ₁₄	T ₁₅	T ₁₆	
A		KEY	FROM	TO	RECOVERY	ENV	RTQ	LC	Color	TM ₁	OM ₁	TR ₁	TR ₂	TR ₃	TR ₄	TR ₅	TR ₆	TR ₇	TR ₈	TR ₉	TR ₁₀	
F		KEY	FROM	TO	RECOVERY	Sample Serial No.																
P			78.0	81.0									QMBX RBZMG									8798
L			78	82	MST PY, MATHE TO LIMONITE, QMBX RBZRBZ RECCLATED, CEMENTED WITH LIMONITE																	
E			81	84									QMBX									8798
L			82	84	SA PYRIT. AS. UFINB. OZSS. AND M. 20ZUM. BUNEDRAL XTALS IN JUGS.																	21
E			84	87									QMBX									8798
L			84	87	PYRIT. REPLACES MST. MATHE																	21
E			87.7	87.7	ONLY TRACE OXIDATION BELOW.								QMBX									8798
L			87	90									SA									21
E			90.0	93.0									QMBX									8798
L			90	93	SA PYRIT. IN COARSE BLEDS																	21
R			90	100.50	BRECCIA FABRIC PROGRESSIVELY EMERGES. ROCK IS STILL LARGELY QZ. SOME SR AFTER CL WITH CLATS OF PY.																	
E			93	96									QMBX									8798
L			93	96																		21
E			96	100.50									QMBX									8798
L			96	100.50									SA									21



S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O Iori = Alpha I Z = Alpha Z

KEY	FLAG	FORMAT VERSION	R/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	MIN	APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F	
I	DEN	G B O S	D	091-2															6
S	TURN C/P	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE IN	V-ANG	NEGR DOWN	STATION	OFFSET	NEGR LEFT	NORTHING	NEGR SOUTH	EASTING	NEGR WEST	ELEVATION	NEGR SUB SEA	
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURE	GRAIN	FRACTURE	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC
L	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURE	GRAIN	FRACTURE	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC
F	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURE	GRAIN	FRACTURE	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC
P		1005B	10434		PPRQFFX					PPBXIKSL		QVR		3565					8745
L	RLTH	1005B	10434																21
P		10434	108		QMBX					BXCR				K7					8792
L	RLTH	10434																	21
E		108	111		QMBX														8792
L																			21
E		111	114		QMBX														8792
L																			21
E		114	11765		QMBX									5F1					8792
L	RSTR	1172	11765																21
P		11765	1229B		PPSYFX					PP		QCZ		20					87
L	RALT	11765	1229B											40					12



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KEY		FLAG	FORMAT VERSION	HUT TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR MOLE	YR	MON	DATE AND TIME DAY HR MIN APT	BY	GEOLOGGED ED BY	YR	COMPLETED MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F					
I	P R J		D E N S B O S	0 D 5 1 - 2												8					
KEY	TURNING POINT 000 = Collar	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE IN	V-ANG	MEG'D DOWN	STATION	OFFSET	MEG' LEFT	NORTHING	MEG' SOUTH	EASTING	MEG' WEST	ELEVATION	MEG' SUR-SEA			
S																					
U	FLAG	FROM	TO	RECOVERY	T ₁ M ₁	ROCK-SOIL	TYPIFY. MAT T ₁ T ₂	GALMAT QM ₁	TEXTURE TR ₁ TR ₂	GRAIN FR CR C AMP	FRACTURE COUNT 1 2	STRUC 1 TO	STRUC 2 AZM	STRUC 3 AZM	ALYATION & MINERALOGY				REMARKS		
L				RQD	ENV	RTO	CL	TM ₁	QML	TR ₁ TR ₂	SH RA SH DC	FR GA TY	FR GA TY	FR GA TY	FR GA TY	FR GA TY	FR GA TY	FR GA TY	FR GA TY		
F		FROM	TO	RECOVERY	Sample Serial No.																
		FROM	TO																		
		139.4	162.3	O.P. PHASE OF RED DKG PORPHYRY MARIE PY THIA USKAL. D.E.S.S. AND STRONGER CHLORITE - SERICITIZ ALT'N THAN USKAL. ALSO NO MAGNETITE WHICH IS ALSO UNUSUAL. NUMEROUS GORBY SLIPS.																	
E	L	144	150		PPRD															47	1=
E	L	150	156		PPRD															45	1=
E	L	156	162		PPRD															47	1=

141

144

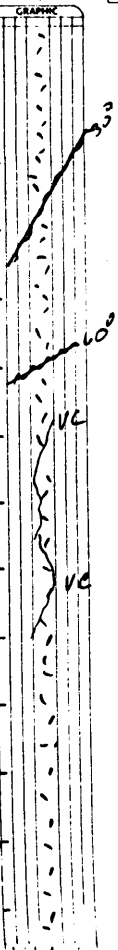
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150

153

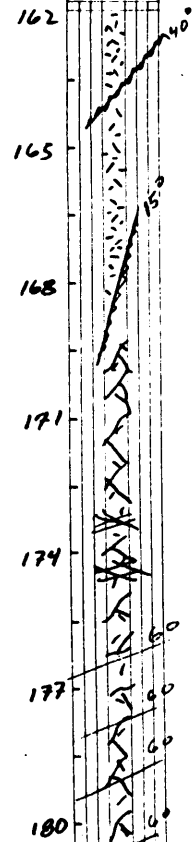
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159



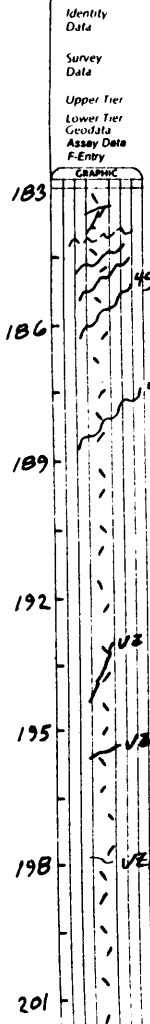
S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven 0 = Alpha O Iori = Alpha I Z = Alpha Z

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILL HOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F
1	D	E	N	6	B	0	5	0	9	1	-	2					9
1	P	R	J														
KEY	TURN CPT 000 = Collar	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION
U																	
L																	
F																	
E		1672	1675					PPRD									47
L											2						1+
E		1675	1693					PPRD					15				0+02
L											3						
R		MIN															
		1675	1693														
P		1693	1710					PPRQPEX									0742
L																	2=
R		RLTH															
		1693	1842														
E		1710	1740					PPRQ									0742
L																	6+
R		MIN															
		171	1740														
E		174	1770					PPRQ									0742
L																	2=
R		MIN															
		174	1770														
E		1770	1800					PPRQ									0742
L																	2=
R		MIN															
		1770	1800														
E		180	1842					PPRQ									0742
L																	2=
R		MIN															
		180	1842														



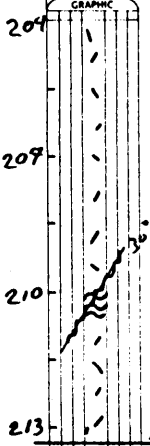
S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha I z = Alpha Z

KEY	FLAG	FORMAT VERSION	M/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN	APT	GEOLOGID BY	ED BY	YR	COMPLETED MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F									
I	DEN	6805	D	097-2												10									
I	PRJ																								
S	TURNING PT 000 = Color	FROM	TO	F S O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG# DOWN	STATION	OFFSET	NEG# LEFT	NORTHING	NEG# SOUTH	EASTING	NEG# WEST	ELEVATION	NEG# SUB-SEA								
U	FLAG	FROM	TO	RECOVERY	Rock	SOIL	TYPE-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION	DIFF. SUT. P.	CA	YY	F1	F2					
L	FROM	TO	RECOVERY	ENV	ATO	LC	TM	QML	TR	TR	SA	SA	OC	N	SA	CL	EP	HE	PR	MO	SL	Other	M1	M2	
F	FROM	TO	RECOVERY	Sample Serial No																					
P		184.2	186.0		PPRD	FXQM			PP	GK9L		4E1		45										4B	
L											4														1E
R	ALTH	184.2	213.4											2-10%											STRONG SR ALT
E		186.0	192.0		PPRD							4E1		45											9B
L											3														1E
R	STR	184.2	194.2																						
R	STIR	190.37	193.7																						
E		192.0	198.0		PPRD							0V3		30											9Z
L											1														1E
E		198.0	204.0		PPRD							0V3		30											99
L											2														1E



S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha | Z = Alpha Z

KEY		FLAG	FORMAT VERSION	H/T TYPE	ID #1 DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F		
I		DEN	6B05	0D91-2																	1/1	
I		PRI																				
S			FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN			STATION	OFFSET	NEG IF LEFT		NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB-SEA
U	FLAG	FROM	TO	RECOVERY	T _{rec}	M _{rec}	ROCK SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRECH	DIP	ALTERATION & MINERALIZATION	DEFAULT SUITES					
L		FROM	TO	RQD	ENV	RTQ	CL	YAL	QAL	TR1	TR2	TR3	TR4	TR5	TR6							
A		FROM	TO	RECOVERY																		
F		FROM	TO																			
209	E		209	210				PPRD														42
	L													2								1.1
209		RLTH	209	210				SMALL BLOCKS OF PPRQ? NO CA														
210	E		210	213.4				PPRD						2F1		30						47
	L													2								1.4
210		RLTH	210.65	210.00				CIRCULED BLOCKS OF PPRQ?														
213		RISUM	0	3.05				CASING														
			3.05	9.3				SILICEOUS BRACCEIA TRACE CHALCOPYRITE, 1% PY, 10-15% URES.														
			9.3	30.0				QUARTZ-MAGNETITE BRACCEIA, 1-3% CHALCOPYRITE, MORE SILICEOUS THAN USUAL VERY ULLGYT LIMONITIC.														
			30.0	34.5				SILICEOUS BRACCEIA, 3% PYRITE, 1% CHALCOPYRITE														
			34.5	81.0				QUARTZ MAGNETITE BRACCEIA, UNUSUALLY LOW IN SULPHIDES, 3% PYRITE AND 1% CHALCOPYRITE, COULD BE DUE TO LEACHING, BUT SILICA CONTENT SA HIGH SULPHIDES SHOULD BE LACKED.														
			81.0	100.58				QUARTZ MAGNETITE BRACCEIA, MORE TYPICAL, 3-10% PYRITE .3 TO 1% CHALCOPYRITE														



S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha I Z = Alpha Z

ENTER KEYS IN COL. 1 TO ACTIVATE ENTRIES

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE/TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZMUTH	UNITS M/F	
I	D E N G B O S			0091-2																12
I	P R J																			
KEY	TURNING POINT 000 = Core	FROM	TO	F-S	O	A Z M	CLOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB SEA		
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT
L	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT
A	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT
F	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT
RHED	100.50	109.34																		
	109.34	117.65																		
	117.65	122.98																		
	122.98	137.4																		
	137.4	169.3																		
	169.3	184.2																		
	184.2	213.4																		

[Handwritten signature]

Identity Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry
GRAPHIC

Assay Log DDH 91-2					Collar 72362.10	17834.80	455.70	
From	To	Length	Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
3.05	6.00	2.95	71.2	29.8	90446	0.02	0.012	0.005
6.00	9.00	3.00	26.0	0.0	90447	0.03	0.015	0.009
9.00	12.00	3.00	76.7	26.3	90448	0.34	0.018	0.028
12.00	15.00	3.00	91.7	20.0	90449	0.13	0.007	0.021
15.00	18.00	3.00	74.7	28.7	90450	0.03	0.008	0.022
18.00	21.00	3.00	83.7	23.0	90451	0.04	0.005	0.014
21.00	24.00	3.00	52.7	33.3	90452	0.04	0.004	0.023
24.00	27.00	3.00	77.7	12.3	90453	0.03	0.004	0.015
27.00	30.00	3.00	85.7	47.0	90454	0.03	0.002	0.016
30.00	33.00	3.00	59.0	38.7	90455	0.09	0.002	0.011
33.00	36.00	3.00	96.0	48.7	90456	0.04	0.003	0.009
36.00	39.00	3.00	93.7	43.7	90457	0.06	0.002	0.017
39.00	42.00	3.00	97.3	29.7	90458	0.05	0.002	0.019
42.00	45.00	3.00	73.3	0.0	90459	0.01	0.002	0.014
45.00	48.00	3.00	84.7	34.3	90460	0.04	0.002	0.015
48.00	51.00	3.00	95.0	27.7	90461	0.01	0.002	0.022
51.00	54.00	3.00	92.3	41.0	90462	0.01	0.003	0.017
54.00	57.00	3.00	98.3	61.7	90463	0.03	0.003	0.012
57.00	60.00	3.00	94.3	27.0	90464	0.01	0.003	0.011
60.00	63.00	3.00	99.3	52.3	90465	0.01	0.003	0.010
63.00	66.00	3.00	95.0	39.3	90466	0.05	0.005	0.008
66.00	70.40	4.40	88.9	45.9	90467	0.04	0.003	0.006
70.40	72.00	1.60	89.4	16.2	90468	0.02	0.008	0.011
72.00	75.00	3.00	100.3	45.3	90469	0.02	0.005	0.009
75.00	78.00	3.00	87.0	31.0	90470	0.02	0.007	0.007
78.00	81.00	3.00	49.3	25.7	90471	0.03	0.005	0.008
81.00	84.00	3.00	89.3	53.7	90472	0.15	0.003	0.007
84.00	87.00	3.00	93.7	52.7	90473	0.13	0.002	0.004
87.00	90.00	3.00	91.7	45.0	90474	0.11	0.002	0.003
90.00	93.00	3.00	98.7	44.0	90475	0.14	0.002	0.004
93.00	96.00	3.00	97.0	61.7	90476	0.25	0.002	0.005
96.00	100.58	4.58	101.5	66.6	90477	0.32	0.002	0.005
100.58	104.34	3.76	96.8	68.3	90478	0.11	0.007	0.005
104.34	108.00	3.66	97.5	42.3	90479	0.21	0.003	0.007
108.00	111.00	3.00	101.3	59.0	90480	0.16	0.003	0.007
111.00	114.00	3.00	100.0	68.3	90481	0.13	0.003	0.005
114.00	117.65	3.65	98.6	19.7	90482	0.26	0.004	0.004
117.65	122.98	5.33	97.7	33.4	90483	0.01	0.001	0.001
122.98	126.00	3.02	103.3	51.6	90484	0.23	0.003	0.008
126.00	129.00	3.00	97.7	56.7	90485	0.21	0.004	0.010
129.00	132.00	3.00	99.3	47.3	90486	0.18	0.004	0.009
132.00	135.00	3.00	98.7	51.0	90487	0.25	0.008	0.012
135.00	137.40	2.40	101.7	56.7	90488	0.21	0.009	0.004
137.40	144.00	6.60	89.7	30.6	90489	0.04	0.003	0.001
144.00	150.00	6.00	97.2	40.3	90490	0.07	0.001	0.001
150.00	156.00	6.00	98.7	50.5	90491	0.03	0.001	0.001
156.00	162.00	6.00	99.7	61.0	90492	0.02	0.001	0.001
162.00	165.00	3.00	100.0	43.3	90493	0.02	0.002	0.012
165.00	169.30	4.30	98.6	41.4	90494	0.02	0.002	0.001
169.30	171.00	1.70	101.8	61.8	90495	0.12	0.002	0.002
171.00	174.00	3.00	79.0	20.0	90496	0.14	0.002	0.005
174.00	177.00	3.00	93.3	40.0	90497	0.12	0.003	0.002
177.00	180.00	3.00	108.0	35.3	90498	0.16	0.003	0.004
180.00	184.20	4.20	88.1	36.7	90499	0.14	0.004	0.003
184.20	186.00	1.80	101.7	13.9	90500	0.01	0.001	0.001
186.00	192.00	6.00	91.0	42.5	90501	0.01	0.001	0.001
192.00	198.00	6.00	101.2	58.7	90502	0.01	0.001	0.001

Assay Log

From	To	Length	Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
198.00	204.00	6.00	103.3	51.7	90503	0.01	0.001	0.001
204.00	210.00	6.00	97.0	69.0	90504	0.01	0.001	0.001
210.00	213.40	3.40	106.8	39.1	90505	0.01	0.001	0.001
Average			90.88	40.71				

Collar 72362.10 17834.80 455.70

11.02



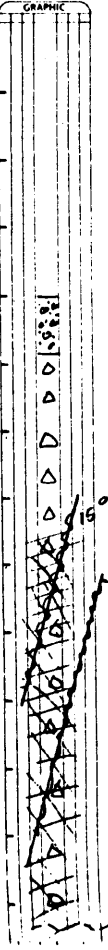
Geolog System

Geofom

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or l = Alpha I z = Alpha Z

Identity Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F Entry

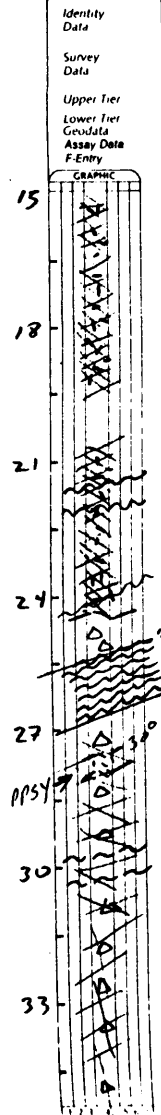
KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN	APY	GEOLOGGED BY	ED BY	YR	MON	DAY	COMPLETED	COMMENT / REMARK	GRID AZIMUTH	LIMITS UNIT	
I	T	6005	DD	91-3	HQ	91	03	31		JUR		91	03	31			0.0	M	
I	P	MORAGA RESOURCES KEO DDC PROJECT HILBERIE B.C.																	
S	S	001		7224													12021.3	22451.3	466.0
U																			
L																			
F																			
<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80</p> <p>RNE D OBJECTIVE OF HOLE IS TO LOCATE THE SOUTHERN DRE/WASTE CONTACT ON THE EAST SIDE OF RISE DDC HILL. HOLE STOPPED IN FAULT DUE TO SQUEEZING.</p> <p>RSURV C D COLLAR SURVEYED BY NIP-CHAIN & COMPASS FROM TAG 4B, ABOUT 30M AWAY</p> <p>P 0 1.18 OVER</p> <p>L 1.18 3.0 BVABVEIF BR FS 35V1 B= D= D) 0745</p> <p>RLTH 1.18 14.10 BRECCIA TUFF MG AFTER ACTINOLITE CL AFTER DLS. BI? SPIRIT SPOTS AFTER MEDIUM FR GRAINS. MG DLS BUR FRAGS RANDED MLOC. RARE QZ FRAG. 1-10CM QZ VEIN. VOLCANIC FRAGS ARE ROSE QUARTZ PORPHYRY LIMONITE ON FRACTURES.</p> <p>E 3.0 6.0 BVAB 0745</p> <p>L 6.0 9.0 BVAB IGG X 0745</p> <p>L 9.0 12.0 BVAB IGG X 0745</p> <p>RLTH 12.0 14.1 SOME GMSX IN FAULT RUBBLE, PY SPOTS RATHER THAN FINE DLS.</p> <p>E 12.0 14.1 BVAB 0745</p> <p>L</p>																			



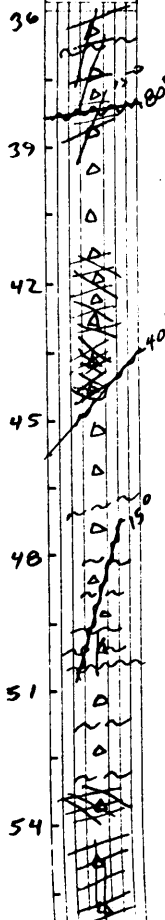
S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or I = Alpha I Z = Alpha Z

INTER KEYS IN COL. 1 TO ACTIVATE ENTRIES

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE/TRaverse NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	BY	GEOLOGGED BY	COMPLETED YR	COMPLETED MON	COMPLETED DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F	
1	D	E	N	6	B	0	5	0	9	1	-	3								2
1	P	R	J																	
KEY	THRU/PT 500 = Collar	FROM	TO	F - S	O	A Z M	C/OFFSHORE FROM TREN	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB SEA		
U	FLAG	FROM	TO	RECOVERY	T ₅₀₀	ROCK SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUC1	STRUC2	STRUC3	ALTERATION & MINERALIZATION	DEFAULT SUITE	SUMMARY		
L	FROM	TO	RQD	ENV	RTO	L C	TM	QMU	TX1	TX2	Sa	Sb	Sc	Sd	Se	HE	MO	MO		
A	FROM	TO	RECOVERY	Sample Serial No	TO	FROM	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	
15	P	14.1	20.0			PPSY	FX			PP	HU 3J									45
15	L											X				P3				1+
18	R	STR	14.1	24.5	FRACTURES AT 0-15" GORCIE BANDS 45°E - 90°E UPPER AND LOWER CONTACTS BROKEN, NO ATTITUDE.															
21	E		20	2950		PPSY														45
21	L											9								1+
24	P		24.5	27.0		BVAB	REVE			ORDD		SE/		90				B = 0 = 0		0745
24	L															4		1K		2 =
24	R	LT4	24.5		QMBX AS ABOVE, RPS QUARTZ PORPHY FRAGMENTS. ROCK IS AS SEEN IN QUARRY TO NORTH. PART OF VOLCANIC UNIT? ALL OR SEEN AS PPS															
27	E		27.0	30.0		BVAB														0740
27	L											3								2 =
30	N		27.1	27.4		X	PPSY					40/		30						47
30	L																			
30	E		30	33		BVAB						6	FS	30						0790
30	L																			2 =
33	E		33	36		BVAB														0794
33	L																			0+

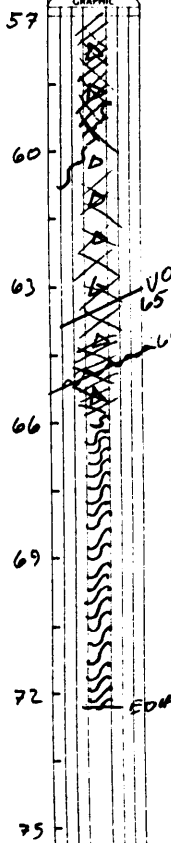


IDENTIFY DATA		SURVEY DATA										UPPER TIER										LOWER TIER										ASSAY DATA									
KEY	FLAG	FORMAT VERSION	N/T TYPE	ID OF DRILLHOLE/TRAVERTSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME			GEOLOGGED BY		COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F																								
1	DEN	6805	DD	911-3				DAY	HR	MIN	APT		BY	ED BY	VR		3																								
KEY	TURNS	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB-SEA																							
S	PT																																								
U	FLAG	FROM	TO	RECOVERY	REC. M/L	ROCK-SOIL	TYPOLOGY	GRAIN	FRACTURE	STRUCT 1	STRUCT 2	STRAVE	DIP	ALTERATION & MINERALG	DEFAULT SUITES	SUMMARY																									
L																																									
A	FROM	TO	RECOVERY	ENV	RTO	LC	TM	QM	TR	TR	S	R	OC	N	A	Z	T	STRUC 2	AZM	DIP	RF	MU	CL	EP	HE	PR	MO	BY	M	MR											
F																																									
P		3.60	3.935			BVAB	RFU			BRPP			4F/	80		Ø	Ø			Ø												Ø744									
L								GARF				B	FS	15		4																21									
E		3.935	4.20			BVAB																										Ø744									
L	RCOR	3.935	3.935					REDUCED TANQ				G																				21									
E		4.20	4.50			BVAB							4F/	40																		Ø744									
L												X																				21									
	RMIN	4.5	4.5					LEMONITE MUCH LESS BELOW 4.5m BUT STILL CONTAIN SOME FRACTURES																																	
E		4.50	4.80			BVAB								V+																		Ø744									
L												B																				21									
	RMIN	4.50	4.80					LESS CP IN MATRIX, .5-1m ALIBS IN IMM 100																																	
E		4.80	5.10			BVAB							F/	15																		Ø747									
L							SA					B	FS	00		5															21										
	RALT	4.8	5.4					ROCK BLEACHED OUT ADJACENT TO FAULT.																																	
E		5.10	5.40			BVAB							5F/																			Ø797									
L							SA					B				5															21										
E		5.40	5.70			BVAB							FS	00																		Ø744									
L							SA					G																				21									



S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or i = Alpha I z = Alpha Z

IDENTIFY DATA	INTERPRETS IN COL 1 TO ACTIVATE ENTRIES		ID of DRILLHOLE TRAVERSE NAME AND NUMBER		SIZE OF CORE OR MOLE		DATE AND TIME			GEOLOGGED BY		COMPLETED		COMMENT / REMARK		GRID AZIMUTH		UNITS		
	KEY	FLAG	FORMAT VERSION	M/T TYPE	YR	MON	DAY	HR	MIN	APT	BY	YR	MON	DAY						
Survey Data	I	D E N	S B O S		01	01	-	3												4
Upper Tier	U	FLAG	FROM	TO	F-S	O	A Z M	CLOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB SEA	
Lower Tier	L	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY MAT	QAT MAT	TEXTURES	GRAIN	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE
Assay Data	A	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY MAT	QAT MAT	TEXTURES	GRAIN	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE
F-Entry	F	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY MAT	QAT MAT	TEXTURES	GRAIN	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE	STRUCTURE
57	P		57.0	60.0		BVAB					BREA			FS		00				8745
	L					CA						X		FS		60				2=
60	F		60.0	63.0		BVAB								FS		30				8746
	L											B		FS		60				2=
63	E		63.0	66.0		BVAB								5F/		63				8746
	L					SA								3VQ		65				2=
66	F		66.0	68.75		BVAB								F/						07
	L					SA														
69	P		68.75	72.24		FAUL G.G.					S.M.C.			7F/		15				
	L																			
	R L T W		68.75	72.24		FAULT ZONE GREY GOUGE, LIMONITE STAINED COARSE 40CM OR FEELING CEMENTED BRACIA. FAULT PROBABLY AT 15 DEGREES BUT NOT DEFINITIVE. LAST 20 CM LIMONITE STAINED.														
72	R SUM		00	11.8		OVERBURDEN														
75			11.8	141.		MIXED: BRECCIA, ANDZESITE FRAGS, ROSE QUARTZ PORPHYRY, AND QUARTZ MACROPHYS BRECCIA FRAGS. SIMILAR ROCK TO THAT SEEN IN QUARRY TO NORTH. MALACONITE AND CHALCOPYRITE DISSEMINATED IN FRAGS. MALACONITE IN MATRIX AND VENS. 1% CHALC. IS AFTER ACTINOLITE. IN PART. MOST CHALC. HAS GONE TO GREEN SERICITE. MODERATE TO STRONG FRACTURED.														



S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha I z = Alpha Z

INTER KEYS IN COL. 1 TO ACTIVATE ENTRIES		ID of DRILL HOLE, TRAVERSE NAME AND NUMBER		SIZE OF CORE OR HOLE	DATE AND TIME			GEOLOGGED BY		COMPLETED		COMMENT / REMARK										GRID AZIMUTH	UNITS			
KEY	FLAG	FORMAT VERSION	H/T TYPE	YR	MON	DAY	HR	MIN	APT	BY	ED BY	YR	MON	DAY												
KEY	TURNS FT 000 = Col 10	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG # DOWN	STATION		OFFSET	NEG # LEFT	NORTHING	NEG # SOUTH	EASTING	NEG # WEST	ELEVATION	NEG # SUB-SEA							
U	FLAG	FROM	TO	RECOVERY	TO	ROCK-SOIL	TYPFY-MAT	QALMAT	TEXTURES	GRAIN	RACTURE	STRUC	STRUC	STRUC	STRUC	ALTERATION & MINERALIZATION										
L	FROM	TO	RECOVERY	ENV	RTO	IC	TA	QA	TR	TR	SA	RA	SA	OC	H	SA	A	ST	ST							
A	FROM	TO	RECOVERY	Sample Serial No																						
F	FROM	TO	RECOVERY																							
RSUM	141	2450				PORPHYRITIC SYENITE	Moderate	sericite-calcrete	alteration	2E																
						DISS. PYRITE. CONTACTS BRPK 12M, NO ATTITUDE.																				
	245	6875				MENZEL BRECCIA AS ABOVE, 12 CHALCOPYRITIS.	MODERATE TO STRONG																			
						FRACTURING, NUMEROUS GRAY FAULTS.																				
	6875	7224				FAULT ZONE, ROCK BROKEN TO BRACCA RUBBLE AND GONGLE.																				
						HOLE STOPPED DUE TO SURGEING.																				

Identity Data
 Survey Data
 Upper Tier
 Lower Tier
 Geodata
 Assay Data
 F-Entry



Assay Log

DDH 91-3

Collar 72451.30 17821.30

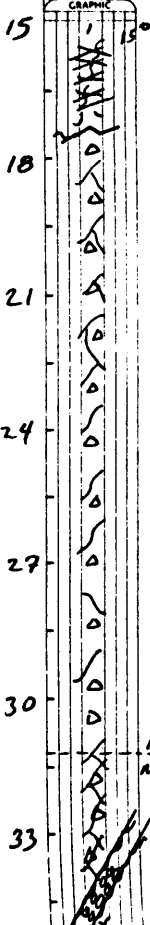
466.00

From	To	Length	Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
1.18	3.00	1.82	70.3	0.0	90506	0.51	0.008	0.027
3.00	6.00	3.00	48.3	0.0	90507	0.50	0.010	0.022
6.00	9.00	3.00	35.0	0.0	90508	0.32	0.012	0.020
9.00	12.00	3.00	46.7	0.0	90509	0.38	0.010	0.019
12.00	14.10	2.10	52.4	0.0	90510	0.38	0.009	0.009
14.10	20.00	5.90	39.0	3.0	90511	0.07	0.001	0.003
20.00	24.50	4.50	43.3	0.0	90512	0.13	0.002	0.003
24.50	27.00	2.50	89.6	21.6	90513	0.39	0.009	0.009
27.00	30.00	3.00	87.3	34.7	90514	0.42	0.006	0.027
30.00	33.00	3.00	57.7	0.0	90515	0.34	0.005	0.021
33.00	36.00	3.00	65.0	5.3	90516	0.39	0.008	0.018
36.00	39.35	3.35	64.2	8.9	90517	0.40	0.007	0.015
39.35	42.00	2.65	64.9	14.7	90518	0.48	0.007	0.026
42.00	45.00	3.00	23.7	4.0	90519	0.34	0.008	0.018
45.00	48.00	3.00	70.0	0.0	90520	0.47	0.012	0.021
48.00	51.00	3.00	78.3	13.7	90521	0.35	0.009	0.016
51.00	54.00	3.00	33.0	0.0	90522	0.37	0.005	0.011
54.00	57.00	3.00	88.3	6.0	90523	0.26	0.004	0.017
57.00	60.00	3.00	73.3	0.0	90524	0.45	0.007	0.015
60.00	63.00	3.00	66.7	0.0	90525	0.30	0.008	0.014
63.00	66.00	3.00	93.3	0.0	90526	0.31	0.004	0.014
66.00	68.75	2.75	78.2	0.0	90527	0.31	0.003	0.010
68.75	72.24	3.49	84.2	0.0	90528	0.18	0.003	0.005

Average 63.16 4.87

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha I z = Alpha Z

I-KEY	FLAG	FORMAT VERSION	M/T TYPE	ID # DRILL HOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	APT	GEOLOGGED BY	ED BY	COMPLETED YR	MON	DAY	COMMENT / REMARK	GRID NORTH	EASTING	ELEVATION	UNITS	
																					TURNING POINT 000 = Call M
1	DEN	6805	D	91-4																	
U	FLAG	FROM	TO	RECOVERY	Rock	SOIL	TYPFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRIKE	SLIP	ALTERATION & MINERALIZATION	DEFAULT SLT					
L	FROM	TO	RCD	ENV	RTQ	LC	TM1	QM1	TR1	TR2	SA	RA	SA	OC	H	NA	NA	NA	NA	NA	NA
A	FROM	TO	RECOVERY	Sample Serial No																	
1																					
15																					
18	P	17.6	21.0																		0744
	L																				6+
21	RLTH	17.6	21.0	MILLED BRECCIA OF SILICEOUS FRAGMENTS IN SERRATED CALVERTITE MATRIX. FRAGMENTS .5 TO .5 CM. CP. IN FRAGMENTS, URVINE GLSS. PY IN MATRIX																	0744
	L																				6+
24	E	24	27.0																		0744
	L																				2)
27	RLTH	24	30.5	QMBX IS. LARGELY ROSE QUARTZ PORPHYRY																	
	L																				
29	KBOX	27	27	LAST QXEDIZ. SIZEN. GENERALLY ROCK TIGHT AND UNKXEDDZEO																	
	L																				
30	E	27.0	30.0																		0744
	L																				6+
33	E	30.0	33.0																		0744
	L																				6+
	R	30.78	30.78	REDUCE TO HQ																	
	L																				
	R	33.0	36.0																		0744
	L																				2-
	RLTH	34.5	35.0	MILLED BR. CEMENTED BY QZ. + PY QZ STACKWORK IS PERVASIVE ENVELOPES RATHER THAN SHARP ENTRUSIVE VAINS. MG1 OF TIEN IN CEMENTAR. CP. GLSS. IN RR.																	
	L																				

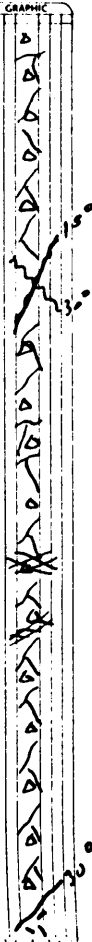


S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | o | = Alpha I z = Alpha Z

Identify Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry
GRAPHIC

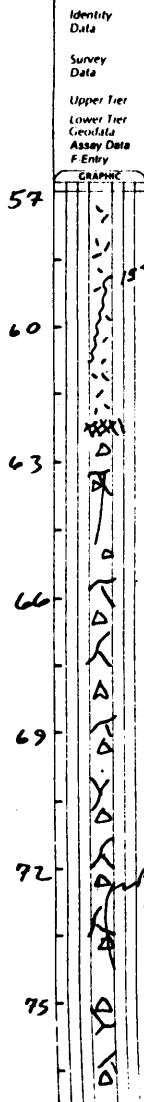
KEY	FLAG	FORMAT VERSION	REV TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F							
																				TURN/CPT	000 - Collar	FROM	TO	F	S	O
1	DEN	6 B 0 5	00	91-4																3						
U	FLAG	FROM	TO	RECOVERY	T ₄₀₀ Mts	ROCK-SOIL	TYPIFY-MAT TM ₁ TM ₂	QALMAT QM ₁	TEXTURES TX ₁ TX ₂	GRAIN Fz Cr C IMP	FRACTURE COUNT 1 2	STRUCT ₁ ID	STRIKE AZM	DIP to Right	ALTERNATION & MINERALIZATION	DEPARTY SUITES	SUMMARY									
L	FROM	TO	RECOVERY	ENV	ATO	LC	TM ₁	OM ₁	TX ₁	TX ₂	Cr	Rh	Ca	Si	STRUCT ₂ AZM	DIP to Left	KF	MU	CL	EP	HE	PT	MO	Other	MI	MS
P		3.6.0	3.9.0			QMBX	QRM GR F BR PP						ØVQ		K4			Ø = (6 + Ø)		Ø745						
L							2A						1				3 1			2+						
E		3.9.0	4.2.0			QMBX							ØVQ							Ø745						
L													2	ØVQ		3.0				2+						
E		4.2.0	4.5.0			QMBX							ØVQ					+ Ø = (Ø745						
L													1							2=						
R		4.2.0	4.5.0	INCREASING IN PY IS AT EXPRES OF MB.																						
E		4.5.0	4.8.0			QMBX									ØV			= +)		Ø745						
L													1							2F						
E		4.8.0	5.1.0			QMBX									ØV					Ø745						
L																				2=						
R		4.8.0	5.1.0	ROCK LARGELY ROSIE QUARTZ PORPHYRY.																						
E		5.1.0	5.9.0			QMBX												V) Ø +	Ø = K	Ø745						
L													1					Ø +		2=						
E		5.4.0	5.5.63			QMBX														Ø745						
L													1	CT						2=						
R		5.4.0	5.5.63	CALCIFER VEINS EPIDOTIZED CHLORITE ON S&LV ARE.																						
R		5.5.63	5.5.63	CONTACT SHARP, PPSY AT CONTACT VARY FRESH.																						

36
39
42
45
48
51
54



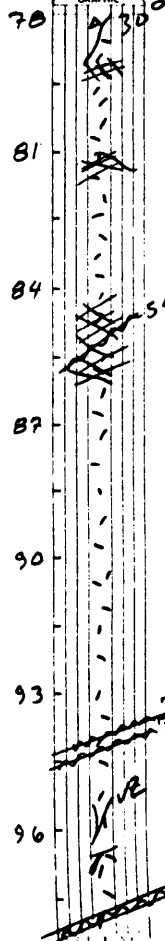
S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or l = Alpha I z = Alpha Z

KEY		FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE/TRAVELER NAME AND NUMBER	SIZE OF CORE OR HOLE	VR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED BY	ED BY	COMPLETED MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F												
1	DEN	6	B	0	5	DD			9/1-9						4												
1	PRJ																										
KEY	TURNING POINT	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG W DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG W SOUTH	EASTING	NEG W WEST	ELEVATION	NEG W SUB-SEA									
U	FLAG	FROM	TO	RECOVERY	T ₁ MIN	T ₂ MIN	ROCK-SOIL	TYPER-MAT	QAL-MAT	TEXTURE	GRAM	FRACTURE	STRIK	STRKE	DIP	ALTERATION & MINERALIZATION/FAULT SUITES	SUMMARY										
L	FROM	TO	R.O.O	ENV	RTG	LC	TM1	QML	TR1	TR2	SA	RA	DC	LA	LA	CL	EP	HI	LEVEL	PR	MO	BS	PRO	AM	MI	WE	
A	FROM	TO	RECOVERY	ENV	RTG	LC	TM1	QML	TR1	TR2	SA	RA	DC	LA	LA	CL	EP	HI	LEVEL	PR	MO	BS	PRO	AM	MI	WE	
F	FROM	TO	RECOVERY	ENV	RTG	LC	TM1	QML	TR1	TR2	SA	RA	DC	LA	LA	CL	EP	HI	LEVEL	PR	MO	BS	PRO	AM	MI	WE	
57	P	5563	619					PPSYFXMB		PP	JYK	OVZ	20			PL											13
	L							SA				2															
	RLTH	5563	619					PORPHYRYTIC SYENITE RELATIVELY FRESH, PROPYLITIC ALT'N VARIES WITH FRACTURE INTENSITY.																			
60	P	619	630					QMBX QRMG		BRPP						K4											0794
	L							SA				2				P2											2+
	RLTH	619	7816					QMBX AS ABOVE, APPEARS BE A BRECCIATED ZONE OF NARROW ROSE QUARTZ PORPHY DYKES IN AND SETA BRECCIA. SOME BL REMAINS																			
63	E	63	660					QMBX																			0793
	L											3				FS											2+
66	E	660	670					QMBX																			0793
	L											1															2+
69	E	670	720					QMBX																			0792
	L											1															2+
72	E	720	750					QMBX																			0795
	L											1															2+
75	R	750	7816					QMBX																			0795
	L											2															2+



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KEY		FLAG	FORMAT VERSION	HIT TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F		
I	DEN	6805	00	91-4												5		
S	TURNING POINT	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG'D DOWN	STATION	OFFSET	NEG'D LEFT	NORTHING	NEG'D SOUTH	EASTING	NEG'D WEST	ELEVATION	NEG'D SUB SEA
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPE/MAT	OM1	TEXTURE	GRAIN	FRACTURE	STRUCT	STONE	DIP	ALTERATION & MINERALIZATION	DEFAULT SUITS	SUMMARY		
L	FROM	TO	RECOVERY	ENV	TO	OM2	TEXT	TEXT	FR	FR	FR	AZM	DIP	CL	EP	HE	MO	MO
A	FROM	TO	RECOVERY	ENV	TO	OM2	TEXT	TEXT	FR	FR	FR	AZM	DIP	CL	EP	HE	MO	MO
F	FROM	TO	RECOVERY	ENV	TO	OM2	TEXT	TEXT	FR	FR	FR	AZM	DIP	CL	EP	HE	MO	MO



70 P 78.16 87.0 PPR DEX QF PP J4K CT 30 43
 L RSTR 78.14 78.14 CONTACT SLIGHTLY IRREGULAR, APPROX 20-30° TA C.A. NAT CHILLED BUT PPRD DREAMATICALLY INTRUDED INTO GNDX. CORE BROKEN ROCK PART CONTACT, BUT NO GOUGE.

81 RLTH 78.16 98.0 TYPICAL RED DKG PORPHYRY. LARGELY QEP PHASE. FX SANSCRITIZED IN LEAST ALT'D TO SERICITIZED IN MORE ALT'D. VARIATIONS IN ALT'D WITH FRACTURE INTENSITY. 2-3 LITE VEINLETS. 3% DISS. PY NO MAGNETITE. QZ PHENOS DIMINISH IN SIZE WITH DEPTH, FROM 5-10MM TO 1-2MM AND 5-10% TO 1-5%.

84 RSTR 86 86.4 SOME MILLED BRICKS IN FAULT.

87 E 87.0 98.0 PPRD FS 70 43
 L RSTR 87 89.5 MODERATE CRUSHING AT 60° OVE 35 11
 RSTR 94.0 94.5 3 GOUGE FAULTS AT 70° 3-4CM.

96 P 98.0 105.0 PPSY EXRB PP JSJ FS 70 43
 L 4A 2 OVE 35 11
 RSTR 98.0 99.5 FAULT GOUGE @ 70°, MILLED FRAGS TO 3CM. PY IN GOUGE.



Geolog System

Geoform

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or I = Alpha I Z = Alpha Z

REV	FLAG	FORMAT			ID OF DRILLHOLE/TRAVERTSE NAME AND NUMBER	SIZE OF CORE OR HOLE	VR	MON	DATE AND TIME			GEOLOGGED BY		COMPLETED		COMMENT / REMARK	GRID AZIMUTH		LIMITS																
		VERSION	UNIT	TYPE					DAY	HR	MIN	APT	BY	ED BY	VR		DAY	MON		DAY	MON	DAY													
REV	TURN/CPT	FROM	TO	F S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG # DOWN	STATION	OFFSET	NEG # LEFT	NORTING	NEG # SOUTH	EASTING	NEG # WEST	ELEVATION	NEG # SUB SEA																	
1	DEN	6	0	5	00	91	-4																												
U	FLAG	FROM	TO	RECOVERY	TYPIFY-MAT	QALMAT	TEXTURES	GRAN	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION				DEFAULT SUITES	SUMMARY																	
L	FROM	TO	RECOVERY	ENV	RTQ	COLOUR	TM1	OM2	TR1	TR2	Sa	Ra	Se	OC	N	Ma	K	Sl	T	STRUCT	AZM	DIP	RF	MU	CL	EP	HE	PR	MO	BA	MI	MC			
E	FROM	TO	RECOVERY																																
99																																			
102																																			
105	E	105.	114.																																
	L										2	FS VZ	70																						
108																																			
111																																			
114	E	114.	121.92																																
	L											FS VZ	70																						
117																																			
121.92																																			

CRUSH ZONE AT 20° MILLED FRAGS TO 4CM. PY IN CHLORITIC RENEW.

TEXTURE MORE LIKE BIMODAL RED DKG PORPHYRY, NO CONTACT SEEN.

Identify Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

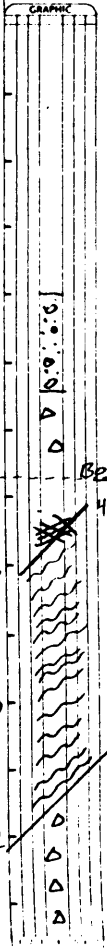


Assay Log DDH 91-4				Collar 72389.60 17900.90			428.00	
From	To	Length	Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
9.10	9.78	0.68	86.8	33.8	90529	0.24	0.003	0.003
9.78	13.50	3.72	74.7	4.0	90530	0.10	0.002	0.001
13.50	17.60	4.10	79.3	16.6	90531	0.10	0.002	0.002
17.60	21.00	3.40	92.3	35.9	90532	0.19	0.002	0.004
21.00	24.00	3.00	88.3	25.3	90533	0.23	0.003	0.010
24.00	27.00	3.00	72.0	20.7	90534	0.17	0.003	0.007
27.00	30.00	3.00	97.3	44.0	90535	0.31	0.008	0.006
30.00	33.00	3.00	90.0	29.3	90536	0.11	0.002	0.004
33.00	36.00	3.00	95.7	55.0	90537	0.18	0.003	0.006
36.00	39.00	3.00	101.0	59.3	90538	0.20	0.005	0.009
39.00	42.00	3.00	102.3	53.0	90539	0.33	0.005	0.015
42.00	45.00	3.00	99.7	47.7	90540	0.18	0.005	0.009
45.00	48.00	3.00	101.3	63.3	90541	0.19	0.004	0.009
48.00	51.00	3.00	102.7	42.3	90542	0.24	0.004	0.010
51.00	55.63	4.63	101.5	64.4	90543	0.21	0.004	0.004
55.63	61.90	6.27	93.0	28.9	90544	0.01	0.001	0.001
61.90	63.00	1.10	98.2	39.1	90545	0.16	0.002	0.003
63.00	66.00	3.00	85.3	17.3	90546	0.17	0.003	0.004
66.00	69.00	3.00	95.3	70.7	90547	0.12	0.002	0.005
69.00	72.00	3.00	100.0	51.0	90548	0.18	0.004	0.005
72.00	75.00	3.00	100.0	57.7	90549	0.12	0.003	0.007
75.00	78.16	3.16	95.6	80.4	90550	0.20	0.002	0.007
78.16	87.00	8.84	78.0	18.4	90551	0.02	0.001	0.001
87.00	96.00	9.00	88.9	21.1	90552	0.01	0.001	0.001
96.00	105.00	9.00	92.8	28.7	90553	0.01	0.001	0.001
105.00	114.00	9.00	92.9	41.7	90554	0.01	0.001	0.001
114.00	121.92	7.92	94.4	41.0	90555	0.01	0.001	0.001
Average			92.57	40.39				

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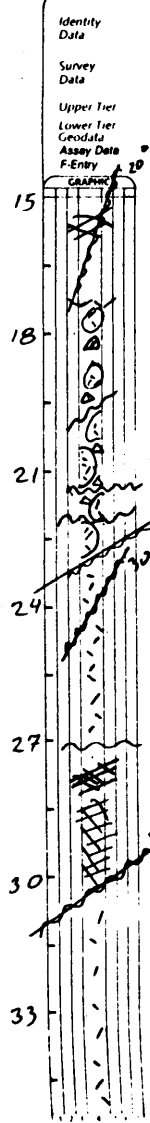
Identify Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED BY	ED BY	YR	MON	DAY	COMPLETED	COMMENT / REMARK	GRID AZMUTH	UNITS		
I-I	DEN	6005	DD	91-5		91	04	03	JBR		91	05	05			0.	M'	1	
I-I	PRJ	MORINGA RESOURCES LTD RED DIG PROJECT HOLLIBERG 13-C																	
S-O	TURN CPT	000	CORR	FROM	TO	F S	O	AZM	CLOCKWISE	V-ANG	NEC'D	DOWN	STATION	OFFSET	NEC'D	NORTHING	EASTING	ELEVATION	
S-O		0		0	152.7					-90.						17886.7	72242.0	580.2	
U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY	MAAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALOGY				
L				RQD	ENV	RTG	LC	OM	TR	TR	SW	SW	OC	HE	LA	SI	FR	MO	AP
F		FROM	TO	RECOVERY	Sample Serial No														
1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39
R	HED	OBJECTIVE OF HOLE IS TO TEST NORTH-WEST EXTENT OF RED DIG RILL ZONE, AND DEPTH TO INTRUSIVE. PLAIN LANGUAGE SUMMARY BEGINS ON PAGE 8.																	
R	SRV	COLLAR LOCATED BY CHM HIP-CHAIN & COMPASS TRAVERSE.																	
P	L	0	1.83	OVER															
P	L	1.83	3.0	SIBXRE BIXIG P9 (H0) 99															
L	RLTH	1.83	3.5	ROCK VUGGY AFTER PY. HEAVY LEMONETS ENDS AT 3M. 0.1 9.1															
E	L	3.0	5.49	SIBX															
L	ISBOX	9.0	4.0																
P	L	5.49	11.70	FAULT RIGG GCSM F1 45															
L	RLTH	5.49	11.70	FAULT, PROBABLY 45° TO C.A. LARGELY COARSE. 549-6.0 FRACS. APPEAR TO BE PPSY. 8.23, 10CM BLOCK IS PPRG															
P	L	11.70	15.0	QMBXRE BR P9 0=8) 99															
L	RLTH	11.70	17.3	TEXTURE IS TYPICAL QMBX MG ALT TO TA NE + PY TRACE GREEN? SR 41 BETWEEN FRACS. UNUSUALLY STRONG SELECTION MUST BE GOOD HAS IRON ALT'D TO PYRITE GIVING COARSE PY AND RARELY CP REFINITION BR FRACS															



S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha I 2 = Alpha Z

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED TO BY	COMPLETED YR MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F							
1	DEN	6805	010	91-5									M	2						
1	PRJ																			
KEY	TURN/CPT	FROM	TO	F.S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG'D DOWN	STATION	OFFSET	NEG'D LEFT	NORTHING	NEG'D SOUTH	EASTING	NEG'D WEST	ELEVATION	NEG'D SUB SEA		
U	FLAG	FROM	TO	RECOVERY	ML	ROCK SCHL	TYPFY MAT	GRAIN	TEXTURES	STRUCT	STRAKE	DP	ALTERNATION & MINERALIZATION	FAULT SURFS	CP	PT	PE	REMARKS		
L	FROM	TO	R.L.D	ENV	ATO	LC	TMJ	OMJ	TRJ	TRK	SH	SH	SH	SH	SH	SH	SH	SH	SH	
A	FROM	TO	RECOVERY	ENV	ATO	LC	TMJ	OMJ	TRJ	TRK	SH	SH	SH	SH	SH	SH	SH	SH	SH	
15	P	15	17.3			QMBXRE				BR			IF1		20P9				9 = Ø	9.2
	L										4									9 =
18	P	18.3	21.0			PPRGREX				PPSH					P9				Ø = Ø	Ø.7.2.2
	L																			2 =
	R STR	17.3	23.0			ROCK V. STRONGLY ALT'D, BUT UP APPEARS TO BE PIRG THAT HAS BEEN BRECCIATED, SILICIFIED, AND REBRACIATED BY RECENT FAULT														
						23.0 - 23.3 MORE TYPICAL, DARK PIRG, LESS SILIC.														
21	E	21.0	23.3			PPRG							4F1		9.0					Ø.2.9.5
	L												IF1							2 =
24	P	22.3	27.1			PPSYEX							5F1		3.0					Ø.3.1.Ø = V = Ø
	L																			
	R LTH	22.3	27.1			PARAPHYRETE SYENITIC DYKE, MODERATE SR-CL ALT'D, 2-5% ZIRCON, SOME PIRG, IM IRREGULAR VENS & BASHES. 20CM AT 22.35M PIRG, DARK, REMAINDER ALT'D.														
27	P	27.1	30.0			PPRG				BR.P.P					PØ					9.1.0 = 9.0
	L									SA					PI					V = 1
	R LTH	27.1	30.0			AS FROM 17.3-23.3, MORE CRUSHING + COAR. PROBABLY PIRG, BUT NOT POSSIBLE TO BE SURE.														
30	E	30	33			PPRG							6		5.5					7.1.0 C 9.0
	L																			2.1
33	E	33	36			PPRG														7.1.7) 9.0
	L																			2.1



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IDENTIFIERS IN COL. 1 TO ACTIVATE ENTRIES		ID OF DRILLHOLE TRAVERSE NAME AND NUMBER		SIZE OF CORE OR HOLE		DATE AND TIME			GEOLOGGED BY		COMPLETED		COMMENT / REMARK										GRID AZIMUTH		UNITS				
KEY	FLAG	FORMAT VERSION	UNIT TYPE	YR	MON	DAY	HR	MIN	APT	BY	ED BY	YR	MON	DAY											GRID	AZIMUTH	UNITS	DEPTH	
I	DEN	6805	D	09	11	5																						17	3
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPFY-MAT	GRAIN	TEXTURE	FRAC	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION										ELEVATION	MEG P	MEG P				
L	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPFY-MAT	GRAIN	TEXTURE	FRAC	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION										ELEVATION	MEG P	MEG P				
P		36	39		SLIX QRZ	BR																	717)	0799					
L					3A				2														717)	2.1					
E		36	42		ROCK IS MILLED BR THAT HAS BEEN FLOODED WITH QZ. WAS PROBABLY VERY SILICEOUS BEFORE BRECCIATION. ORIGINAL ROCK IMPASSIBLE TO SAY. MILLING IS MUCH MORE PROMINENT THAN USUAL. FLECKS OF GREEN SERICITE ARE ALL THAT REMAIN OF MAFICS. USUAL PSUEDOMORPHS AFTER FIBROUS AMPHIBOLE SUGGESTS POTASSIC ZONE BEFORE SCLIFFICATION. SOME CP IN BLENDS IN INTERSTICES.																		717)	0799					
L					SLIX				2														717)	2.1					
R		42	45		QMBX RMB	BRPP				FS	10 P P												712)	0799					
L					3A RZ				4	FS	60												712)	2.1					
R		42.98	42.98		ORIGINAL FABRIC	LOP KS	LIKE	COARSE	ASH	TUFF.																			
E		45.0	48.0		REDUCED TIP NQ																		717)	0799					
L					QMBX				1														717)	2.1					
E		48.0	51.0		QMBX																		717)	0799					
L									2														717)	2.1					
E		51.0	54.0		QMBX																		717)	0799					
L									4														717)	2.1					
E		54	57.0		QMBX					1 F 1	10 P B												717)	0799					
L									2														717)	2.1					

36
39
42
45
48
51
54

NO NQ
PY

70°

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KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON DAY	COMMENT / REMARK	GRID AZMUTH	UNITS	M/F																						
																	TURN CPT 000 = Core	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB SEA				
U	FLAG	FROM	TO	RECOVERY	W-G	M-G	ROCK-SOIL	TYPE	MAT	TA1	TA2	QALMAT	OM1	TEXTURES	TX1	TX2	GRAIN	FRACTURE	COUNT	1	2	STRUC1	ID	STRIKE	AZM	SLIP	OP	ALTERNATION & AMBERLIZ	MOON	DEFAULT	SURTES	Summary	F1	F2				
L	FROM	TO	RECOVERY	ENV	RTG	AC	COLOU	TA1	OM2	TX3	TX4	SA	SH	SR	OC	N	NO	A	SI	STRUC2	ID	AZM	SLIP	OP	KE	MU	CL	EP	HE	PR	MO	MO	MI	MO				
57	P	57.0	60.0				QMBX	REMG																														
	L						QMBX																															
60	E	60	63				QMBX																															
	L																																					
63	E	63	66				QMBX																															
	L																																					
	RLTH	63	70				FABRIC WIPED OUT SERICITIS V. PALE GREEN, HP MG GRN H'S LEFT.																															
66	E	66	69				QMBX																															
	L																																					
69	E	69	72				QMBX																															
	L																																					
	RLTH	70	80				COULD BE ASD TRAP OR PORPHYRY.																															
72	E	72.0	75.0				QMBX																															
	L																																					
75	E	75.0	78.0				QMBX																															
	L																																					

Identity Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

GRAPHIC

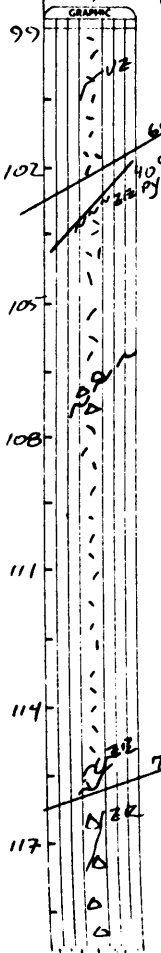
57
60
63
66
69
72
75

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KEY	FLAG	FORMAT VERSION	MT TYPE	ID OF DRILLHOLE/TRAVELER'S NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	CARD AZIMUTH	UNITS
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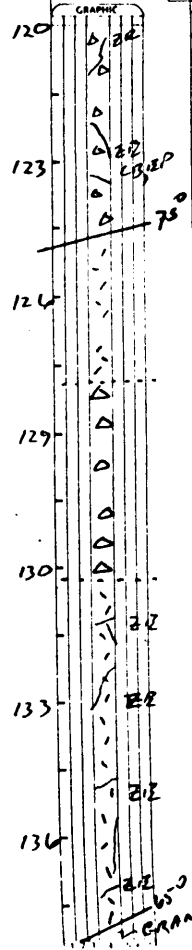
KEY	TURNGPT	FROM	TO	F-S	O	AZM	CLOCKWISE	V-ANG	NEG	STATION	OFFSET	NEG	NORTHING	SOUTH	EASTING	WEST	ELEVATION	SUMMARY
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U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPHY-MAT	GALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRIKE	DIP	ALTERNATION & MINERALIZATION	DEFAULT UNITS	REMARKS	UNITS
P		102.55	103.24		GVAT												75
L						3A											21
RLTH		102.55	103.24	PORPHYRY? TUFF? TRACE DISS CP, SHARP CONTACTS, TEXTURE AS MARB													
				WIPED PARTS OF CORN AROUND.													
P		103.24	109.0		PPSYXBI												42
L										2							
RLTH		103.24	116.27	SEVERAL PORPHYRIC SYNTRA DYKES OR VARYING ALTERATION OR ONE													
				S.P.M.B VARIY. PRISM WITH CLEAN PRIMARY BE, W PY, TA MODERATE SR-CL													
				W.T.H 2-5% PY. 2B GREENS. RM BOTH													
				CONTACT ZONE WITH SWIRLED BARRE AND 2B GREENS .5M AT LOWER													
				CONTACT.													
P		109.0	116.27		PPSY												42
L										2							
P		116.27	119.0		QMBXGMG												43
L						3A				1							21
RLTH		116.27	124.91	QMBX, QZ, RECRYSTALLIZED? HORNBLENDE BY ADJACENT INTRUSIVE? UNUSUAL TO HAVE 2B LAGERS IN QMBX. EPICLITE WITH CALCITE GREENHATS.													
P		119.0	122.0		QMBX												43
L										1							21



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IDENTIFY KEYS IN COL. 1 TO ACTIVATE ENTRIES		FORMAT VERSION		H/T TYPE		ID # DRILLHOLE TRAVERSE NAME AND NUMBER		SIZE OF CORE OR HOLE		DATE AND TIME			GEOLOGIC ED BY		COMPLETED		COMMENT / REMARK		GRID AZIMUTH		UNITS	
KEY	FLAG	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	MCG DOWN	STATION	OFFSET	MCG LEFT	NORTHING	MCG SOUTH	EASTING	MCG WEST	ELEVATION	MCG SUR-SEA	UNITS	UNIT		
1	DEN	6	BOS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	PRJ																					
S	TURNING PT	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	MCG DOWN	STATION	OFFSET	MCG LEFT	NORTHING	MCG SOUTH	EASTING	MCG WEST	ELEVATION	MCG SUR-SEA	UNITS	UNIT		
U	FLAG	FROM	TO	RECOVERY	Rock	SOIL	TYPFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUK	STRUK	STRUK	STRUK	STRUK	STRUK	STRUK	STRUK	STRUK	
L	FROM	TO	RECOVERY	ENV	RTO	COLOUR	TM1	OM1	TR1	TR2	TR3	TR4	TR5	TR6	TR7	TR8	TR9	TR10	TR11	TR12	TR13	
A	FROM	TO	RECOVERY	Sample Serial No.																		
F	FROM	TO	RECOVERY																			
<p>1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80</p>																						
	P																					
	L	122.0	124.91																			
	RSTR	124.91	124.91																			
	P	124.91	127.05																			
	L	124.91	127.05																			
	P	127.05	130.6																			
	L	127.05	130.6																			
	P	130.6	139.36																			
	L	130.6	139.36																			
	P	139.36	157.7																			
	L	139.36	157.7																			



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KEY			FLAG	FORMAT VERSION	H/1 TYPE	ID #1 DRILLHOLE/TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DAY	HR	MIN	APT	BY	GEOLOGGED BY	COMPLETED	YR	MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS					
I-	DEN	6805	0091-5																				9				
KEY			TURN/CPT	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG'D DOWN	STATION	OFFSET	NEG'D LEFT	NORTHING	NEG'D SOUTH	EASTING	NEG'D WEST	ELEVATION	NEG'D SUB-SEA							
S-																											
KEY			FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-NAT	QALMAT	TEXTURES	GRAM	FRACTURE	STRUCT	STRUCT	STRKE	DIP	OR	BY	ALTERATION & MINERALIZATION	DEFAULT SURFS	CA	CA	CY	PT	PE		
U																											
L																											
A																											
F																											
R SUM			17.3	23.3			ROSE QUARTZ PORPHYRY, COMPLEX BRICCIA, 3% CHALCOPYRITE, STRONG SILICIFICATION.																				
			23.3	27.1			PORPHYRYTIC SYENITE DIKE MODERATE CHLORITE - SERICITE ALT'D, UPPER & LOWER CONTACTS BOTH FAULTED.																				
			27.1	36.0			ROSE QUARTZ PORPHYRY AS FROM 17.3 TO 23.3, BUT MORE CRUSHING AND COARSE. TRACE CHALCOPYRITE.																				
			36.0	42.0			SILICIOUS BRICCIA, COMPLEX BRICCIA, SOME COARSE CHALCOPYRITE, AVE. CHALCOPYR 1%																				
			42.0	86.0			QUARTZ-MAGNETITE BRICCIA ORIGINAL ROCK COULD HAVE BEEN ASH TUFF OR ROSE QUARTZ PORPHYRY. 1 TO 3% DESS. CHALCOPYRITE.																				
			86.0	102.55			PORPHYRYTIC SYENITE, TOP CONTACT AT 20°, LOWER AT 60°																				
			102.55	103.24			ASH TUFF? PORPHYRY? TRACE DESS. CHALCOPYRITE.																				
			103.24	116.27			PORPHYRYTIC SYENITE DIKE AT 70° W. W. CHLORITE-SERICITE ALT'D.																				
			116.27	124.91			QUARTZ-MAGNETITE BRICCIA, QUARTZ SOMEWHAT RECRYSTALLIZED. MINERAL ZEPHIRE VEINS. CONTACT CARAPPED BY SYENITE. 3-1% CHALCOPYRITE.																				
			124.91	152.7			FRESH PINN PORPHYRYTIC SYENITE, WITH BLACK OR QUARTZ-MAGNETITE BRICCIA AS AT 116.27-124.91 AT 127.05-130.6. 151-152.7 ROCK SHATTERED																				

Identity Data

Survey Data

Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry
GRAPHIC

[Handwritten signature]

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O l = Alpha l z = Alpha Z

Identity Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry
GRAPHIC

INTER-RETURN COL. 1 TO ACTIVATE ENTRIES				ID OF DRILL HOLE TRAVERSE NAME AND NUMBER											SIZE OF CORE OR HOLE		DATE AND TIME			GEOLOGGED BY				COMPLETED				COMMENT / REMARK	GRID AZIMUTH		UNITS			
REV	FLAG	FORMAT VERSION	N/T TYPE												YR	MON	DAY	HR	MIN	APT	BY	ED BY	YR	MON	DAY	YR	MON	DAY					M/F	
REV	FLAG	TURN G.P.T. 000 = Contour	FROM	TO	F-S	O	AZAM	CLOCKWISE FROM TRUE N	V-ANG	NEG. DOWN	STATION	OFFSET	NEG. LEFT	NORTHING	NEG. SOUTH	EASTING	WEST	ELEVATION	NEG. SUB-SEA															
U	FLAG	FROM	TO	RECOVERY	T _{hand} Mts	ROCK-SOIL	TYPHY-MAT TR ₁ TR ₂	GRMAT OM ₁	TEXTURES TR ₁ TR ₂	CRACKS CO ₁ CO ₂ CO ₃ CO ₄	FRACTURE COUNT	STRUCT ID	STRIKE AZM	DIP	ALY	BL	CY	CR	MG	RR	PY	CP	GL	VY	SUMMARY									
L	FROM	TO	ROD	ENV	RTO	LC	TM ₁	OM ₂	TR ₁	TR ₂	SA	SM	OC	N	A	TA	TS	TD	AZM	DIP	ALY	BL	MU	CL	EP	HE	MW	PR	MO	SL	MW	AN	MI	NO
A	FROM	TO	RECOVERY	Sample Serial No.																														
F	FROM	TO	RECOVERY																															
1	RISUM	0	9.1	QUARRIED																														
			9.1	9.78	QUARTZ-MAGNETITE BRECCIA,	50% PYRITE,	10% CHALCOPYRITE.																											
			9.78	17.60	RED DKG PORPHYRY,	UPPER & LOWER CONTACTS BROKEN,	2% DESS. PYRITE																											
			17.60	55.63	QUARTZ-MAGNETITE BRECCIA	.3 TO 10% CHALCOPYRITE.	STRONG QUARTZ																											
					STOCKWORK, CONSIDERABLE ROSE QUARTZ PORPHYRY IN FRAGMENTS.																													
			55.63	61.9	PORPHYRYTIC SYENITE, SHARP	INTRUSIVE CONTACT AT ABOUT 30°.																												
					PORPHYRY, LITTLE ALTERED.																													
			61.9	78.16	QUARTZ-MAGNETITE BRECCIA	AS ABOVE.																												
			78.16	98.0	RED DKG PORPHYRY,	TYPICAL. SHARP INTRUSIVE CONTACT AT 20-30°																												
					3% DESS. PYRITE.																													
			98.0	99.5	FAULT AT 70°																													
			99.5	121.92	PORPHYRYTIC, SYENITE	WEAK CHLORITE-SERICITE ALTERATION.																												

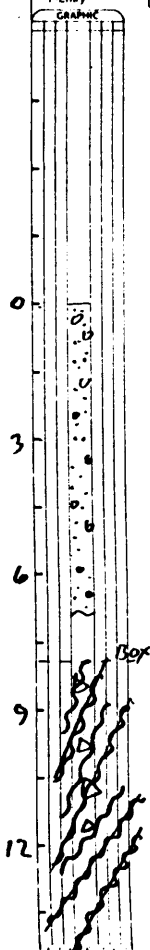
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			Assay Log		Collar 72242.80 17886.70 380.20			
From	To	Length	DDH 91-5 Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
1.80	3.00	1.20	46.7	35.8	90556	0.10	0.004	0.018
3.00	6.00	3.00	73.3	16.7	90557	0.50	0.005	0.012
6.00	9.00	3.00	60.0	0.0	90558	0.28	0.005	0.007
9.00	12.00	3.00	63.0	4.3	90559	0.30	0.010	0.008
12.00	15.00	3.00	86.7	15.3	90560	0.22	0.009	0.034
15.00	18.00	3.00	64.0	19.3	90561	0.26	0.014	0.025
18.00	21.00	3.00	105.0	34.3	90562	0.09	0.007	0.005
21.00	23.30	2.30	93.0	12.2	90563	0.15	0.008	0.008
23.30	27.10	3.80	84.2	40.3	90564	0.01	0.001	0.001
27.10	30.00	2.90	59.0	0.0	90565	0.15	0.020	0.005
30.00	33.00	3.00	62.7	10.3	90566	0.15	0.008	0.004
33.00	36.00	3.00	98.3	20.3	90567	0.57	0.014	0.014
36.00	39.00	3.00	91.7	55.7	90568	1.20	0.011	0.043
39.00	42.98	3.98	96.5	28.1	90569	0.51	0.016	0.025
42.98	45.00	2.02	110.9	5.4	90570	0.35	0.022	0.013
45.00	48.00	3.00	99.0	63.7	90571	0.62	0.014	0.036
48.00	51.00	3.00	100.7	30.7	90572	0.45	0.020	0.018
51.00	54.00	3.00	84.3	9.7	90573	0.38	0.031	0.021
54.00	57.00	3.00	92.0	25.0	90574	0.23	0.012	0.011
57.00	60.00	3.00	98.0	32.7	90575	0.62	0.015	0.026
60.00	63.00	3.00	68.3	13.3	90576	0.88	0.020	0.048
63.00	66.00	3.00	96.0	46.3	90577	0.64	0.016	0.020
66.00	69.00	3.00	92.0	44.3	90578	0.77	0.011	0.029
69.00	72.00	3.00	100.3	31.0	90579	0.83	0.014	0.035
72.00	75.00	3.00	91.3	7.0	90580	0.44	0.017	0.019
75.00	78.00	3.00	93.7	25.0	90581	0.48	0.015	0.025
78.00	81.00	3.00	96.3	42.7	90582	0.33	0.012	0.017
81.00	84.00	3.00	96.7	31.3	90583	0.30	0.012	0.019
84.00	86.00	2.00	90.0	17.0	90584	0.38	0.010	0.019
86.00	94.00	8.00	92.5	39.5	90585	0.04	0.001	0.001
94.00	102.55	8.55	96.1	41.9	90586	0.01	0.001	0.001
102.55	103.24	0.69	144.9	0.0	90587	0.01	0.001	0.002
103.24	109.00	5.76	79.9	35.1	90588	0.01	0.001	0.002
109.00	116.27	7.27	98.8	60.8	90589	0.01	0.001	0.004
116.27	119.00	2.73	103.7	57.5	90590	0.15	0.008	0.006
119.00	122.00	3.00	93.3	58.3	90591	0.11	0.009	0.004
122.00	124.91	2.91	101.0	73.2	90592	0.08	0.004	0.003
124.91	127.05	2.14	97.2	58.4	90593	0.03	0.003	0.002
127.05	130.60	3.55	88.7	47.6	90594	0.10	0.004	0.006
130.60	139.36	8.76	98.7	48.3	90595	0.01	0.001	0.002
139.36	141.00	1.64	100.6	81.1	90596	0.11	0.009	0.001
141.00	148.00	7.00	98.7	67.1	90597	0.01	0.001	0.001
148.00	152.70	4.70	82.1	18.3	90598	0.01	0.001	0.001

Average 90.00 32.67

5 = Alpha 5 0 = Zero 1 = One 2 = Two 7 = Seven 0 = Alpha 0 1 = Alpha 1 2 = Alpha 2

KEY		FLAG	FORMAT VERSION	HWT TYPE	ID # DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME	HR	MIN	APT	BY	GEOLOGGED BY	COMPLETED	YR	MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS																		
I-D	6	B	5		DD91-6				91	07	05		JBR		91	04	00			0.	M																		
I-P	1				MONTAGNA RESOURCES LTD																																		
I-P	1				RED DPC PROJECT																																		
I-P	1																																						
S-					FROM 010 TO 10166	F-S	O	AZM	CLOCKWISE	V-ANG	NEG UP DOWN																												
					FROM 010 TO 10166			184		-47.5																													
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY	MAAT	QALMAT	OM	TEXTURES	TX1	TX2	N	C	C	AMP	GRAIN COUNT	1	2	STRUCT ID	STRKE	AZM																	
L	FROM	TO																																					
A	FROM	TO																																					
F	FROM	TO																																					
	RWED					OBJECTIVE OF HOLE IS TO TEST FOR CONTINUITY OF MINERALIZATION FOUND IN HOLES EC-143 AND BB-2, AND DEPTH TO BARRIER INTRUSIVE. PLAIN LANGUAGE SUMMARY BEGINS ON PAGE																																	
	RSRV	0	0			COLLAR LOCATED BY TAPE & COMPASS TRAVERSE FROM CONTROL POINT																																	
	S1001	181.66	101.66							-45.0																													
	P	0	6.7							QUIER																													
	P	6.7	9.0							OMBY OR											7F1		35												7F1				
	L									UA												X																	
	K	7.2	7.2																																				
	L	9	12.0																																				
	R	LTN	6.7	206.5		FAULT ZONE NUMERALS GAUGE 9 MILLED BANDS. ROCK WAS MOSTLY OMBX BUT MAY CONTAIN SOME PPG OR BIAT. THE EBBRE THAT SUGGESTS PARPHYRORIPYRIC OR PYROCLASTIC MAY BE DUE TO FINER MILLING ESTIMATES OF ALTERATION MINERALS POINTS DUE TO GAUGE. FRAGS ARE VARY SILICEOUS. MOST MGHG ARE'D TO PV. SOME CP VRS RBLE. FAULTS AT 251 TO 350																																	
	L	12	15							OMOR																													
	L																																						

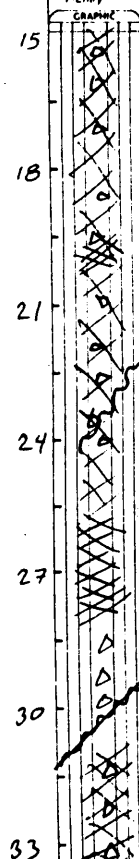


S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | o = Alpha I z = Alpha Z

ENTER KEYS IN COL. 1 TO ACTIVATE ENTRIES

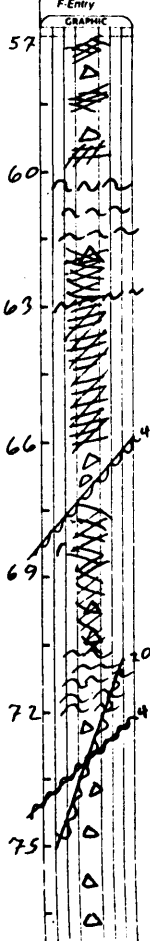
KEY	FLAG	FORMAT VERSION	N/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED BY	ED BY	YR	MON	DAY	COMPLETED	COMMENT / REMARK	GRID AZIMUTH	UNITS M.P.	
I	DEN	6805	D10	91-6													2	
S	TURNING POINT	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE	V-ANG	NEG'D DOWN	STATION	OFFSET	NEG'D LEFT	NORTHING	NEG'D SOUTH	EASTING	NEG'D WEST	ELEVATION	NEG'D SURF SEA
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPHY-MAT	GALMAT	TEXTURES	GRAIN	STRUCTURE	STRUCTURE	STRIKE	DIP	ALTERNATION & MINERALIZATION	DEFAULT SUITES	SUMMARY		
L	FROM	TO	ROD	ENV	RTG	L.C	TM1	OM1	TR1	TR2	STRUC1	AZM	DIP	ALTERNATION & MINERALIZATION	DEFAULT SUITES	SUMMARY		
A	FROM	TO	RECOVERY	ENV	RTG	L.C	TM1	OM1	TR1	TR2	STRUC1	AZM	DIP	ALTERNATION & MINERALIZATION	DEFAULT SUITES	SUMMARY		
F	FROM	TO	RECOVERY	ENV	RTG	L.C	TM1	OM1	TR1	TR2	STRUC1	AZM	DIP	ALTERNATION & MINERALIZATION	DEFAULT SUITES	SUMMARY		
P		15.0	18.0			QMBX	QZ			BR 3H				P5			710+	2040
L	RLTN	15.0	28.0											C2				2+11
B		18.0	21.0			QMBX												27
L																		2+11
E		21.0	24.0			QMBX								7				27
L	ALTN	21.0	24.0															2+11
B		24.0	27.0			QMBX												27
L																		2+11
E		27.0	30.0			QMBX												27
L	RMIN	27																2+11
P		30.0	33.0															27
L	RLTN	27																4+11
B		33.0	36.0			SIBX												27
L																		4+11

Handwritten notes in the table:
 - 4A
 - NOT AS COMBY, FRAGS. U. SIL. WITH SR IN MATRIX WITH PY. PY/CP
 - IN SILICEOUS FRAGS.
 - SPOTS OF PY, MB, + GREEN SR AFTER ROCK FRAGS IN ORIGINAL FABRIC
 - PY IN COARSE PATCHES, REPLACEMENT OF MG BRACIA FILLING OR LITTE
 - FRAGMENTIS (AS OPPOSITE TO QZ FRAGMENTIS) TRACE B.S. SIBX IN SILICEOUS
 - MATERIAL. UN FINE. SAME CC ON AV?
 - SIBX GGZBRICR
 - 45P0
 - 710+ C-
 - 9B
 - VIRTUALLY ALL MB+MC GDMB, ROCK IS OF GALLIE & PYRITE. GRANULAR
 - PATCHES MAY BE FINE MILLAD SIBX, OR CRUSHER-SUBSTITUTED INTERSTICE
 - PROBABLY MILLAD SIBX. EXAMPLE, 31.7M TO 35.0.
 - CR
 - 4



S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or l = Alpha I z = Alpha Z

INTERESTS IN COL. 1 TO ACTIVATE ENTIRE		FORMAT VERSION		NUT TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN	APT	GEOLOGGED BY	GEOLOGGED BY	YR	MON	DAY	COMPLETED	COMMENT / REMARK	GRID AZIMUTH	UNITS			
KEY	FLAG	6	8	0	5	D	D	9	1	-	6											
KEY	TURN C/P	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG DOWN	STATION	OFFSET	NEG LEFT	NORTHING	NEG SOUTH	EASTING	NEG WEST	ELEVATION	NEG SUB SEA				
U	FLAG	FROM	TO	RECOVERY	RECOVER	ROCK-SOIL	TYPFY-MAT	QALMAT	TERTURES	GRAIN	FRACTURE	STRUC	STRUC	OP	AL	AL	AL	AL	AL	AL		
L	FROM	TO	RECOVERY	RECOVER	ENV	RTQ	LC	TM	OM	TA	TR	SA	RA	SH	OC	N	IN	A	SI	TR		
A	FROM	TO	RECOVERY	RECOVER	ENV	RTQ	LC	TM	OM	TA	TR	SA	RA	SH	OC	N	IN	A	SI	TR		
F	FROM	TO	RECOVERY	RECOVER	ENV	RTQ	LC	TM	OM	TA	TR	SA	RA	SH	OC	N	IN	A	SI	TR		
57	E	57.0	60.0			SI BX	ORF			BRCR										710+CL	9B	
	L										B										D*	4+11
60	E	60.0	63.0			SI BX						SEI										9B
	L										B	SFI										711
63	E	63.0	66.0			SI BX																9B
	L										B											2=
66	E	66.0	69.0			SI BX						4FI		40								9B
	L										B											2=
69	E	69.0	73.3			SI BX						6FI		20								9B
	L										X	4FI		40								2=
72	E	73.3	77.16			SI BX				OR MD		7FI										9B
	L																					
	RLTH	73.3	77.16			MELTID MATERIAL AS	3.1			TO 35.1												9B
						WHITE CLAY OR SR				SPOTS OR CA.												
75	E	77.16	79.25			SI BX																9B
	L																					
	RLTH	77.16	79.25			SILICIOUS BARROIA				AS TO 73.16												2+
						REDUCE TIP NQ																
	RCOR	79.25	725																			



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KEY	FLAG	FORMAT VERSION		R/T TYPE	ID OF DRILL HOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME			GEOLOGGED BY	GEOLOG ID BY	YR	COMPLETED		COMMENT / REMARK	GRID AZIMUTH		UNITS																																																																																										
		6	5						DAY	HR	MIN				APT	MON		DAY	CRD		AZM	FT																																																																																								
I	D E N	6	5	00	911-6																7																																																																																									
S	TURN G PT 000 in Circle	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	MAG. # DOWN	STATION	OFFSET	MAG. # LEFT	NORTHING	MAG. # SOUTH	EASTING	MAG. # WEST	ELEVATION	MAG. # SUB-SEA																																																																																												
U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUC 1	STRUC 2	STRUC 3	STRUC 4	STRUC 5	STRUC 6	STRUC 7	STRUC 8	STRUC 9	STRUC 10	STRUC 11	STRUC 12	STRUC 13	STRUC 14	STRUC 15	STRUC 16	STRUC 17	STRUC 18	STRUC 19	STRUC 20	STRUC 21	STRUC 22	STRUC 23	STRUC 24	STRUC 25	STRUC 26	STRUC 27	STRUC 28	STRUC 29	STRUC 30	STRUC 31	STRUC 32	STRUC 33	STRUC 34	STRUC 35	STRUC 36	STRUC 37	STRUC 38	STRUC 39	STRUC 40	STRUC 41	STRUC 42	STRUC 43	STRUC 44	STRUC 45	STRUC 46	STRUC 47	STRUC 48	STRUC 49	STRUC 50	STRUC 51	STRUC 52	STRUC 53	STRUC 54	STRUC 55	STRUC 56	STRUC 57	STRUC 58	STRUC 59	STRUC 60	STRUC 61	STRUC 62	STRUC 63	STRUC 64	STRUC 65	STRUC 66	STRUC 67	STRUC 68	STRUC 69	STRUC 70	STRUC 71	STRUC 72	STRUC 73	STRUC 74	STRUC 75	STRUC 76	STRUC 77	STRUC 78	STRUC 79	STRUC 80	STRUC 81	STRUC 82	STRUC 83	STRUC 84	STRUC 85	STRUC 86	STRUC 87	STRUC 88	STRUC 89	STRUC 90	STRUC 91	STRUC 92	STRUC 93	STRUC 94	STRUC 95	STRUC 96	STRUC 97	STRUC 98	STRUC 99	STRUC 100
L	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUC 1	STRUC 2	STRUC 3	STRUC 4	STRUC 5	STRUC 6	STRUC 7	STRUC 8	STRUC 9	STRUC 10	STRUC 11	STRUC 12	STRUC 13	STRUC 14	STRUC 15	STRUC 16	STRUC 17	STRUC 18	STRUC 19	STRUC 20	STRUC 21	STRUC 22	STRUC 23	STRUC 24	STRUC 25	STRUC 26	STRUC 27	STRUC 28	STRUC 29	STRUC 30	STRUC 31	STRUC 32	STRUC 33	STRUC 34	STRUC 35	STRUC 36	STRUC 37	STRUC 38	STRUC 39	STRUC 40	STRUC 41	STRUC 42	STRUC 43	STRUC 44	STRUC 45	STRUC 46	STRUC 47	STRUC 48	STRUC 49	STRUC 50	STRUC 51	STRUC 52	STRUC 53	STRUC 54	STRUC 55	STRUC 56	STRUC 57	STRUC 58	STRUC 59	STRUC 60	STRUC 61	STRUC 62	STRUC 63	STRUC 64	STRUC 65	STRUC 66	STRUC 67	STRUC 68	STRUC 69	STRUC 70	STRUC 71	STRUC 72	STRUC 73	STRUC 74	STRUC 75	STRUC 76	STRUC 77	STRUC 78	STRUC 79	STRUC 80	STRUC 81	STRUC 82	STRUC 83	STRUC 84	STRUC 85	STRUC 86	STRUC 87	STRUC 88	STRUC 89	STRUC 90	STRUC 91	STRUC 92	STRUC 93	STRUC 94	STRUC 95	STRUC 96	STRUC 97	STRUC 98	STRUC 99	STRUC 100	
A	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUC 1	STRUC 2	STRUC 3	STRUC 4	STRUC 5	STRUC 6	STRUC 7	STRUC 8	STRUC 9	STRUC 10	STRUC 11	STRUC 12	STRUC 13	STRUC 14	STRUC 15	STRUC 16	STRUC 17	STRUC 18	STRUC 19	STRUC 20	STRUC 21	STRUC 22	STRUC 23	STRUC 24	STRUC 25	STRUC 26	STRUC 27	STRUC 28	STRUC 29	STRUC 30	STRUC 31	STRUC 32	STRUC 33	STRUC 34	STRUC 35	STRUC 36	STRUC 37	STRUC 38	STRUC 39	STRUC 40	STRUC 41	STRUC 42	STRUC 43	STRUC 44	STRUC 45	STRUC 46	STRUC 47	STRUC 48	STRUC 49	STRUC 50	STRUC 51	STRUC 52	STRUC 53	STRUC 54	STRUC 55	STRUC 56	STRUC 57	STRUC 58	STRUC 59	STRUC 60	STRUC 61	STRUC 62	STRUC 63	STRUC 64	STRUC 65	STRUC 66	STRUC 67	STRUC 68	STRUC 69	STRUC 70	STRUC 71	STRUC 72	STRUC 73	STRUC 74	STRUC 75	STRUC 76	STRUC 77	STRUC 78	STRUC 79	STRUC 80	STRUC 81	STRUC 82	STRUC 83	STRUC 84	STRUC 85	STRUC 86	STRUC 87	STRUC 88	STRUC 89	STRUC 90	STRUC 91	STRUC 92	STRUC 93	STRUC 94	STRUC 95	STRUC 96	STRUC 97	STRUC 98	STRUC 99	STRUC 100	



OLD FAULT, MYLANETRY RECALLED B.R. R. GRAINE. ROCK MORE OBVIOUSLY PPSY. ALL MARLS TO CALORITE, MOST LARGE PX TO SIERCITIE, BUT FABRIC NOT SO WIDELY OUT. PY IN CALORITE, AFTER MARLS

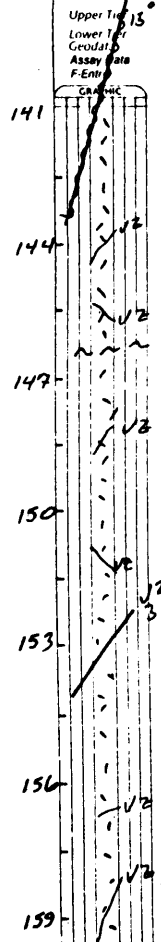


Geolog System

Geoform

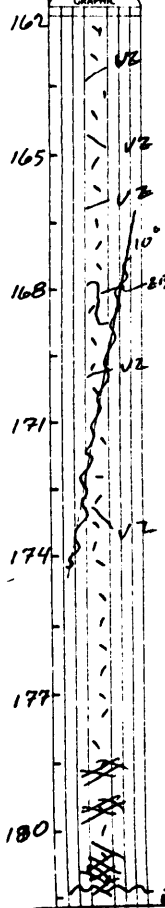
S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O Iori = Alpha I 2 = Alpha Z

IDENTIFY DATA		SURVEY DATA		UPPER TIE		LOWER TIE		ASSAY DATA		F-ENTRY		GEOLOGIC		COMPLETED		COMMENT / REMARK		GRID AZIMUTH		UNITS		
KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE / TRAVERSE / NAME AND NUMBER	SIZE OF CORE / CORE NO.	YR	MON	DATE AND TIME DAY	HR	MIN	APT	BY	ED BY	YR	MON	DAY						
KEY	TURNING POINT 000 = Color	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG # DOWN	STATION	OFFSET	NEG # LEFT	NORTHING	NEG # SOUTH	EASTING	NEG # WEST	ELEVATION	NEG # SUB-SEA				
KEY	FLAG	FROM	TO	RECOVERY	Rock	SOIL	TYPE	MAT	GAL	MAT	OM	TEXTURES	GRAIN	FRAC	STRU	STR	DIP	AL	MIN	MAX	DEF	SUM
KEY	FROM	TO	RECOVERY	Rock	SOIL	TYPE	MAT	GAL	MAT	OM	TEXTURES	GRAIN	FRAC	STRU	STR	DIP	AL	MIN	MAX	DEF	SUM	
P		1430	1470																			
L											2											4.4
																						1.2
E		1490	1580																			4.4
L											2											1.2
E		1580	1670																			4.8
L											3											1.2



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KEY	FLAG	FORMAT VERSION	H/T TYPE	ID of DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F	
I	D E N	6 B 0 5	D 0	911-6											9	
E	P R J															
S																
U	FLAG	FROM	TO	RECOVERY	Rock-Soil	TYPE/MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION	DEFAULT SUITES	SUMMARY
L																
A																
F																



E	L	1670	1760		PPSY							3		VZ		45
E	L	1760	181.60		PPSY							2		P4		46

Assay Log

		DDH 91-6			Collar 17827.20 72225.30		383.50	
From	To	Length	Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
6.70	9.00	2.30	114.3	0.0	90599	0.10	0.017	0.020
9.00	12.00	3.00	51.7	0.0	90600	0.83	0.023	0.044
12.00	15.00	3.00	73.3	0.0	90601	1.15	0.022	0.042
15.00	18.00	3.00	76.0	0.0	90602	1.07	0.022	0.040
18.00	21.00	3.00	73.0	0.0	90603	1.22	0.025	0.058
21.00	24.00	3.00	23.3	0.0	90604	0.97	0.014	0.035
24.00	27.00	3.00	44.0	0.0	90605	1.19	0.016	0.047
27.00	30.00	3.00	63.7	19.3	90606	0.91	0.013	0.062
30.00	33.00	3.00	75.0	23.7	90607	0.68	0.013	0.022
33.00	36.00	3.00	47.0	4.3	90608	0.75	0.025	0.014
36.00	39.00	3.00	65.0	0.0	90609	0.28	0.016	0.051
39.00	42.00	3.00	76.7	6.3	90610	0.59	0.023	0.015
42.00	45.00	3.00	62.7	12.0	90611	0.95	0.022	0.035
45.00	48.00	3.00	49.0	0.0	90612	0.54	0.088	0.010
48.00	51.00	3.00	86.7	0.0	90613	0.76	0.015	0.008
51.00	54.00	3.00	62.0	0.0	90614	0.41	0.019	0.004
54.00	57.00	3.00	79.7	8.3	90615	0.81	0.013	0.013
57.00	60.00	3.00	82.0	10.0	90616	0.62	0.015	0.008
60.00	63.00	3.00	73.3	0.0	90617	0.59	0.007	0.008
63.00	66.00	3.00	95.0	0.0	90618	0.40	0.010	0.005
66.00	69.00	3.00	70.0	4.3	90619	0.32	0.007	0.007
69.00	72.00	3.00	71.7	6.0	90620	0.09	0.012	0.003
72.00	75.00	3.00	82.3	8.7	90621	0.14	0.010	0.001
75.00	79.25	4.25	90.6	25.9	90622	0.18	0.005	0.004
79.25	84.00	4.75	50.3	0.0	90623	0.24	0.011	0.004
84.00	87.00	3.00	87.3	13.3	90624	0.42	0.003	0.012
87.00	90.00	3.00	99.7	55.0	90625	0.50	0.007	0.007
90.00	93.00	3.00	101.7	48.7	90626	0.09	0.004	0.031
93.00	96.00	3.00	75.3	8.7	90627	0.30	0.006	0.022
96.00	99.92	3.92	88.5	17.1	90628	0.10	0.003	0.003
99.92	101.90	1.98	103.5	27.8	90629	0.02	0.001	0.001
101.90	105.00	3.10	76.1	6.1	90630	0.16	0.003	0.009
105.00	108.00	3.00	88.3	27.3	90631	0.10	0.003	0.007
108.00	111.00	3.00	100.7	52.0	90632	0.10	0.003	0.007
111.00	113.00	2.00	99.0	33.0	90633	0.04	0.003	0.008
113.00	116.00	3.00	99.7	42.7	90634	0.01	0.001	0.013
116.00	119.00	3.00	100.7	43.7	90635	0.01	0.001	0.006
119.00	122.00	3.00	105.0	60.7	90636	0.01	0.001	0.001
122.00	125.00	3.00	92.7	51.0	90637	0.01	0.001	0.001
125.00	128.00	3.00	102.3	29.7	90638	0.01	0.001	0.001
128.00	131.00	3.00	90.0	5.0	90639	0.01	0.001	0.001
131.00	137.00	6.00	90.5	32.7	90640	0.01	0.001	0.001
137.00	143.00	6.00	93.7	10.8	90641	0.01	0.001	0.001
143.00	149.00	6.00	84.7	19.8	90642	0.01	0.001	0.001
149.00	158.00	9.00	95.8	27.0	90643	0.01	0.001	0.001
158.00	167.00	9.00	95.0	23.9	90644	0.01	0.001	0.001
167.00	176.00	9.00	93.4	33.9	90645	0.01	0.001	0.001
176.00	181.66	5.66	98.9	51.8	90646	0.01	0.001	0.001

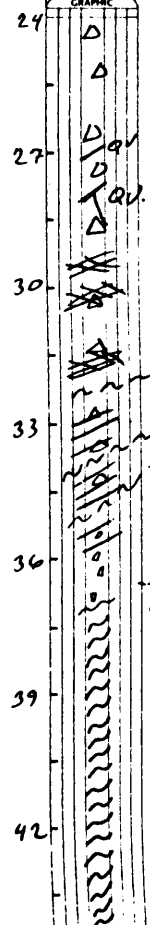
Average 81.26 17.72

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | o | = Alpha I 2 = Alpha Z

ENTER KEYS IN COL. 1 TO ACTIVATE ENTRIES

Identity Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

KEY	FLAG	FORMAT VERSION	MT TYPE	ID # OF DRILL HOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	BY	GEOLOGIC ED BY	YR	COMPLETED MON	DAY	COMMENT / REMARK	GRID AZMUTH	UNITS M/F
I	DEN	6805	0091-2																2
I	PRJ																		
S																			
U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY-MAT	GALMAT	TEXTURES	GRAM	FRACTURE	STRUCT	STRIKE	SLIP	ALTERATION & MINERAL	DEFINITION	SUITES	SUMMARY		
L																			
A																			
F																			
P		24	27		BM BX RZ QZ			BR											0796
L																			2 = LC
P		27	30.0		BUAN			BRER											0795
L																			2 =
R	STR	27																	
E		30.0	33.0		BUAN														0795
L																			2 =
E		33.0	36.5B		BUAN														0797
L																			2 = 12
R	COR	36.5B	36.5B					REDUCE T.P. M.Q.											
E		36.5B	36.5B		BUAN														61 *
L																			2 = 12
P		36.5B	39.0		FAULT ZONE			GREEN											5753
L																			2 = 12
R	STR	36.5B																	
E		39.0	42.0		FAUL														57
L																			2 = 12
E		42	45.0		FAUL														57
L																			2 = 12



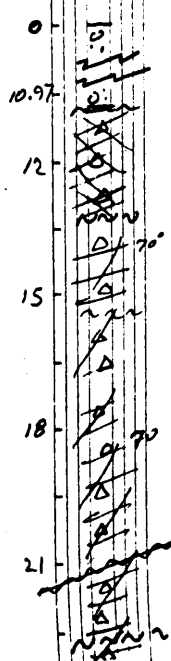
S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | o l = Alpha l z = Alpha Z

Identify Data

Survey Data

Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry
GRAPHIC

REV	FLAG	FORMAT VERSION	M/T TYPE	ID OF DRILLHOLE/TRaverse NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN	APT	GEOLOGGED BY	ED BY	COMPLETED DAY	COMMENT / REMARK	GRID AZMUTH	UNITS M/F	
I-T	DEN	6805	DD	91-7	HQ	91	07	10		JBR				0	M'	
I-T	PRJ	MORAGA RESOURCES LTD														
S-S	000	0		14044	180.0									17750.1	410.0	
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	GALMAT	TEXTURES	GRAM	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION DEFAULT SURTES		
L																
F																
<p>RHE0 OBJECTIVE OF HOLE IS TO ESTABLISH SOUTHERN BOUNDARY OF GAS ZONE FOUND IN BE-1A. HOLE WAS STOPPED DUE TO STICKING OF DR RODS.</p> <p>PLAIN LANGUAGE SUMMARY BEGINS ON PAGE 8</p> <p>RERN 0 0 COLLAR LOCATED BY 3M TAPE & COMPASS SURVEY FROM 00-1A.</p> <p>P 0 10.97 OVER</p> <p>P 10.97 12.0 QMBX R.F. BR #4 0+ B=8) 0746</p> <p>L 3 TIME 5 4 + 0= 2=</p> <p>RLTH 10.97 27.0 TYPICAL QMBX DARK GREEN ANGULAR BR FRAGS ARE LARGELY SR+PE, ONLY MINOR CL. PYHCP IN MICRO FRACTURES IN BR FILLING RE AND DESL.</p> <p>KSPY 11.0 15.0 IN ROCK FRAGS. SOME PARQ IN FRAGS. QMBX</p> <p>E 12.0 15.0</p> <p>L X 20 5 * 0746</p> <p>E 15.0 18.0 QMBX 5A X F1 20 5 * 0746</p> <p>L 20</p> <p>E 18.0 21.0 QMBX 6A 7 F5 20 -) 0747</p> <p>L 20</p> <p>E 21.0 24.0 QMBX 7 2F1 70 6 - /) 0749</p> <p>L 3F1 20 10</p>																





Geolog System

Geoform

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or l = Alpha I z = Alpha Z

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILL HOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	GEOLOGGED BY	COMPLETED YR	COMPLETED MON	COMPLETED DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS	
I	DEN	6805	010	91-7															3
REV	TURNOVER	FROM	TO	RECOVERY	RECOVERY	ROCK SOIL	TYPIFY MAT	QUAL MAT	TERTURES	GRAIN	FRACTURE	STRUCT	STRIKE	NORTHING	EASTING	ELEVATION			
U	FLAG	FROM	TO	RECOVERY	RECOVERY	ROCK SOIL	TYPIFY MAT	QUAL MAT	TERTURES	GRAIN	FRACTURE	STRUCT	STRIKE	NORTHING	EASTING	ELEVATION			
L		FROM	TO	RECOVERY	RECOVERY	ROCK SOIL	TYPIFY MAT	QUAL MAT	TERTURES	GRAIN	FRACTURE	STRUCT	STRIKE	NORTHING	EASTING	ELEVATION			
A		FROM	TO	RECOVERY	RECOVERY	ROCK SOIL	TYPIFY MAT	QUAL MAT	TERTURES	GRAIN	FRACTURE	STRUCT	STRIKE	NORTHING	EASTING	ELEVATION			
F		FROM	TO	RECOVERY	RECOVERY	ROCK SOIL	TYPIFY MAT	QUAL MAT	TERTURES	GRAIN	FRACTURE	STRUCT	STRIKE	NORTHING	EASTING	ELEVATION			

45
48
51
54
57
60
63



E 45 40 FAUL 0102 55
 RLTH 45 40 SOME PARAPHRETTIC BLACKS LOOK LIKE PPR. NOT AS STRONGLY QZ-SR
 ALT. D. LITTLE CP.
 R 40.0 51.0 FAUL 57
 L 22 12
 R 51.0 54.0 FAUL 57
 L 22 12
 E 54.0 58.10 FAUL 57
 L 22 12
 P 58.10 64.1 XBS/DEF KIK 2
 RLTH 58.10 64.1 TYPICAL BASALT DYKE. FX SPOTS IN V. DARK GREEN AMPHIBOLITE MATRIX
 MARGINS BLEACHED
 P 64.1 66 FAUL P3 P5 0104 55
 L 22 12

Identify Data
Survey Data
Upper Tier
Lower Tier
Core Data
Assay Data
F-Entry
GRAPHIC

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | o | = Alpha I z = Alpha Z

KEY		FLAG	FORMAT VERSION	M/T TYPE	ID of DRILL HOLE / TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR	MIN	APT	GEOLOGGED BY	COMPLETED BY	YR	MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F		
I	D	E	N	6	B	0	0	9	1	-	7									4	
I	P	R	J																		
S	KEY	TURN C/P 000=C=CM	FROM	TO	F S O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG DOWN	STATION	OFFSET	NEG LEFT	NORTHING	NEG SOUTH	EASTING	NEG WEST	ELEVATION	NEG SAE SEA			
U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY MAT	GAL MAT	TEXTURE	GRAIN	FRACTURE	STRUCT	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	
L	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY MAT	GAL MAT	TEXTURE	GRAIN	FRACTURE	STRUCT	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	
A	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY MAT	GAL MAT	TEXTURE	GRAIN	FRACTURE	STRUCT	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	
F	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY MAT	GAL MAT	TEXTURE	GRAIN	FRACTURE	STRUCT	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	STRUC	
66	E	660	690		FAUL					CR 54										56	
	L																				2 = 1E
	R	STR	64.1	72																	PB - SR -
	L																				
69	E	670	720		FAUL																54
	L																				2 = 1E
	R																				
	L																				
72	E	72	75.0		FAUL																4753
	L																				2 = 1E
	R	RLTH	72																		
	L																				
75	E	75.0	780		FAUL																4753
	L																				2 = 1E
	R																				
	L																				
78	E	780	81.0		FAUL																4752
	L																				2 = 1E
	R																				
	L																				
81	P	810	840																		75
	L																				2 = 1E
	R																				
	L																				
84	E	840	87.2																		8745
	L																				2 = 1E
	R	STR	87.2	95.0																	
	L																				

66
69
72
75
78
81
84
 50°
33°
32°



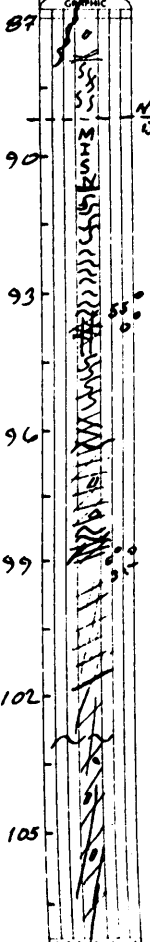
Geolog System

Geofom

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or l = Alpha I z = Alpha Z

ID	KEY	FLAG	FORMAT VERSION		H/T TYPE	ID OF DRILLHOLE/TRAVERSE NAME AND NUMBER		SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME			GEOLOGGED BY	COMPLETED	COMMENT / REMARK	GRID AZIMUTH	UNITS						
			6	5		DAY	HR				MIN	APT	BT						ED BY	YR	MON	DAY		
	I	DEN	6	5	D	0911-2													5					
	S	TURN C/P	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG. IF DOWN	STATION		OFFSET	NEG. IF LEFT	NORTHING		NEG. SOUTH	EASTING		NEG. WEST	ELEVATION		NEG. SUB-SEA	
	U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPIFY. MAT	QAL MAT	TEXTURES	GRAIN	FRACTURE	STRUC 1	STRUC 2	STRUC 3	ALTERATION & MINERALIZATION								DEFAULT SUITE	SUBSTRY
	L	FROM	TO	RECOVERY	ENV	IC	TM	OM	TR	SA	SH	OC	N	SI	TR	AS	EP	HE	PR	MO	SI	MI	MR	
	A	FROM	TO	RECOVERY	ENV	IC	TM	OM	TR	SA	SH	OC	N	SI	TR	AS	EP	HE	PR	MO	SI	MI	MR	
	F	FROM	TO	RECOVERY	ENV	IC	TM	OM	TR	SA	SH	OC	N	SI	TR	AS	EP	HE	PR	MO	SI	MI	MR	
87	P		87.2	89																			47	
	L	RLTH	87	93.0																			21	
	R	RECT	89	89																				
	P		89	90.52																			47	
	L	RLTH	93.0	93.0																			21	
	R	RECT	93.0	93.0																				
90	P		95.2	93.0																			47	
	L	RLTH	93.0	93.0																			21	
	R	RECT	93.0	93.0																				
93	P		93.0	96.0																			47	
	L	RLTH	93.0	96.0																			21	
	R	RECT	96.0	96.0																				
96	P		96.0	99.0																			47	
	L	RLTH	96.0	99.0																			21	
	R	RECT	99.0	99.0																				
99	P		99.0	102																			47	
	L	RLTH	99.0	102																			21	
	R	RECT	102	102																				
102	P		102.0	105																			47	
	L	RLTH	102.0	105																			21	
	R	RECT	105	105																				
105	P		105	108																			47	
	L	RLTH	105	108																			21	
	R	RECT	108	108																				

Identify Data
Survey Data
Upper Tr 20
Lower Tr Geod. Assay Date
F-Entry



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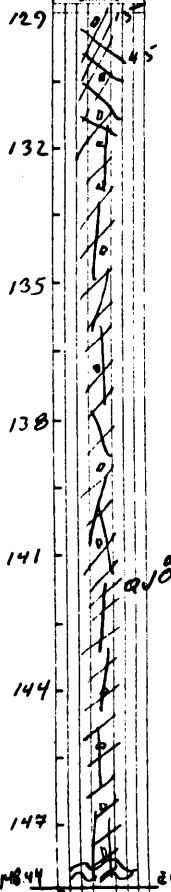
ENTER KEYS IN COL. 1 TO ACTIVATE ENTRIES

Identify Data

Survey Data

Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME			GEOLOGGED BY	COMPLETED	GRID AZIMUTH	UNITS				
								DAY	HR	MIN					APT	YR	MON	DAY
REV	TURNING PT 000=Coll#	FROM	TO	F S O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG# DOWN	STATION	OFFSET	NEG# LEFT	NORTHING	NEG# SOUTH	EASTING	NEG# WEST	ELEVATION	NEG# SUB-SEA	
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRIKE	SLIP	ALTERATION & MINERALIZATION	DEFAULT SLATES	SUBSTRATE		
L	FROM	TO	RQD	ENV	RTO	LC	TM	OM	TX	TX	SA	SH	OC	HN	LN	LN	LN	
A	FROM	TO	RECOVERY	ENV	RTO	LC	TM	OM	TX	TX	SA	SH	OC	HN	LN	LN	LN	
F	FROM	TO	RECOVERY	ENV	RTO	LC	TM	OM	TX	TX	SA	SH	OC	HN	LN	LN	LN	
129	D	129.0	132.0		BVAN				FR			FS	1502			Q1 = C	5723	
	L											FS	45				11	
	RALT	129	148.44		BUFF COLOR				ENCREASING FABRIC									
132	E	132.0	135.0		BVAN											Q1 = C	5593	
	L																12	
135	E	135	138.0		BVAN											Q2	5279	
	L																11	
138	E	138.0	141.0		BVAN											Q1	5724	
	L																11	
141	E	141.0	144.0		BVAN							1100	00			Q1	25	
	L																11	
144	E	144.0	148.44		BVAN							FS	15			Q1	25	
	L											FS	45				11	
147																		
144																		



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Identity Data
Survey Data
Upper Tier
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GeoData
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F-Entry

KEY	FLAG	FORMAT VERSION	N/T TYPE	ID of DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN	APF	GEOLOGGED BY	ED BY	COMPLETED YR MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS														
KEY	TURN C PT	FROM	TO	F S	Q	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG. IF DOWN	STATION	OFFSET	NEG. IF LEFT	NORTHING	NEG. IF SOUTH	EASTING	NEG. IF WEST	ELEVATION	NEG. IF SURF SEA											
U	FLAG	FROM	TO	RECOVERY	ENV	RTG	ROCK-SOH	TYPIFY MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUC	STRUC	STRUC	ALTERNATION & MINERALIZATION	DEFAULT SURFES	CP	CA	VY	SUBSTRATUM	PA	FR					
L	FROM	TO	RQD	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG		
A	FROM	TO	RQD	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG		
F	FROM	TO	RQD	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG	RECOVERY	ENV	RTG		
RSUM		0.0	10.97				OVER BOR DEN																						
		10.97	27.0				QUARTZ-MALNETITE BRECCIA, TYPICAL DARK ANGULAR BRECCIA FRAGS, LARGELY SERICITIC AND MINORITE TRAILS CHLORITE, PYRITE AND CHALCOPYRITE IN MICROFRACTURES IN BRECCIA FILLING QUARTZ, AND DISSIMINATED IN ROCK FRAGS. RADIATING REGULAR PSUEDOES AFTER ACTINOLITE SPEN. 3-1% CHALCOPYRITE																						
		27.0	36.83				BONANZA VOLCANICS TYPE INDETERMINATE TEXTURE WEPT OUT BY SERICITIC-CHLORITE ALTIN. 3-1% CHALCOPYRITE, LARGELY DESS.																						
		36.83	81.0				FAULT ZONE GULLS AND PEBBLES OR PHYLIC ALTERED VOLCANICS. MINOR MAGNETITE REMAINS, SPORADIC CHALCOPYRITE, .1 TO 1% INCLUDES A BLACK BASALT DZK FROM 58.10 TO 64.1																						
		81.0	108.0				BONANZA VOLCANICS STRONG CHLORITE-SERICITE ALT'D. .5 TO 1% CHALCOPYRITE. TRAIL BEATTIE AT 105-108																						
		108.0	117.0				BONANZA VOLCANICS AS 81-108 BUT CHALCOPYRITE HAS DROPPED TO .1% OR LESS.																						
		117.0	129.0				PROBABLY BONANZA VOLCANICS AS ABOVE, BUT STRONG PHYLIC ALTIN GIVES ROCK A TRANSLUCENT, WAXY LOOK. FINE BLACK MINERAL ASSOC. WITH PYRITE LOOKS LIKE CHALCOPYRITE, EXPERIENCE ON RED DGG SUGGESTS IT IS NOT. ROCK IS STRONGLY FRACTURED, PEBBLES ONLY RECOVERED.																						
		129.0	148.4				BONANZA VOLCANICS AS ABOVE, BUT INCREASING BUFF COLOR SUGGESTS PYRPHYLLITE, THAT IS, ADVANCED ARGILLIC ALT'D. HOLE STOPPED DUE TO STICKING RODS.																						

[Handwritten signature]

Assay Log

DDH 91-7

Collar 17758.10 72345.60

410.00

From	To	Length	Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
10.97	12.00	1.03	169.9	0.0	90647	0.78	0.007	0.038
12.00	15.00	3.00	63.3	0.0	90648	0.39	0.007	0.021
15.00	18.00	3.00	41.7	0.0	90649	0.53	0.004	0.023
18.00	21.00	3.00	59.0	12.3	90650	0.28	0.007	0.014
21.00	24.00	3.00	88.0	17.3	90651	0.53	0.008	0.028
24.00	27.00	3.00	89.7	32.7	90652	0.49	0.006	0.026
27.00	30.00	3.00	69.0	18.3	90653	0.46	0.004	0.031
30.00	33.00	3.00	84.0	0.0	90654	0.49	0.003	0.024
33.00	36.58	3.58	80.7	0.0	90655	0.40	0.003	0.024
36.58	39.00	2.42	74.0	7.4	90656	0.21	0.003	0.008
39.00	42.00	3.00	64.0	0.0	90657	0.38	0.004	0.009
42.00	45.00	3.00	23.0	0.0	90658	0.34	0.002	0.014
45.00	48.00	3.00	13.3	0.0	90659	0.21	0.002	0.011
48.00	51.00	3.00	10.0	0.0	90660	0.28	0.002	0.014
51.00	54.00	3.00	8.3	0.0	90661	0.33	0.003	0.015
54.00	58.18	4.18	39.5	6.0	90662	0.36	0.003	0.019
58.18	64.10	5.92	84.1	23.6	90663	0.01	0.001	0.001
64.10	66.00	1.90	128.4	0.0	90664	0.44	0.004	0.014
66.00	69.00	3.00	57.3	11.0	90665	0.40	0.014	0.008
69.00	72.00	3.00	86.7	15.7	90666	0.33	0.002	0.007
72.00	75.00	3.00	71.7	9.3	90667	0.33	0.003	0.013
75.00	78.00	3.00	95.7	16.3	90668	0.26	0.004	0.011
78.00	81.00	3.00	71.0	12.7	90669	0.36	0.001	0.022
81.00	84.00	3.00	78.7	0.0	90670	0.23	0.001	0.031
84.00	87.00	3.00	65.7	6.0	90671	0.25	0.002	0.028
87.00	90.50	3.50	18.6	0.0	90672	0.38	0.002	0.034
90.50	93.00	2.50	53.2	12.4	90673	0.25	0.005	0.011
93.00	96.00	3.00	63.0	0.0	90674	0.15	0.007	0.002
96.00	99.00	3.00	52.7	0.0	90675	0.12	0.003	0.003
99.00	102.00	3.00	15.0	0.0	90676	0.34	0.003	0.006
102.00	105.00	3.00	42.7	0.0	90677	0.30	0.003	0.004
105.00	108.00	3.00	31.7	0.0	90678	0.28	0.004	0.010
108.00	111.00	3.00	37.3	0.0	90679	0.23	0.004	0.004
111.00	114.00	3.00	40.3	0.0	90680	0.30	0.004	0.004
114.00	117.00	3.00	43.3	0.0	90681	0.17	0.003	0.002
117.00	120.00	3.00	38.3	0.0	90682	0.15	0.002	0.002
120.00	123.00	3.00	32.7	3.3	90683	0.18	0.002	0.001
123.00	126.00	3.00	18.0	0.0	90684	0.31	0.004	0.003
126.00	129.00	3.00	20.0	0.0	90685	0.23	0.007	0.002
129.00	132.00	3.00	36.7	0.0	90686	0.15	0.003	0.018
132.00	135.00	3.00	48.3	0.0	90687	0.25	0.003	0.014
135.00	138.00	3.00	31.7	0.0	90688	0.31	0.006	0.007
138.00	141.00	3.00	28.7	0.0	90689	0.19	0.003	0.002
141.00	144.00	3.00	30.0	0.0	90690	0.20	0.003	0.002
144.00	148.44	4.44	51.3	4.9	90691	0.32	0.005	0.003

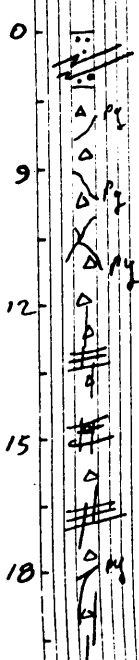
Average 54.44 4.65

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Identity Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry
GRAPHIC

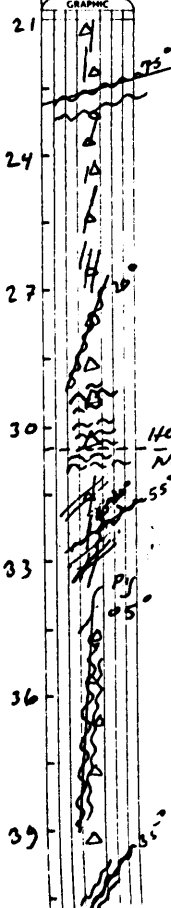
KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME	HR	MIN	APT	BY	GEOLOGGED	ED BY	YR	MON	DAY	COMPLETED	COMMENT / REMARK	GRID AZMUTH	UNITS
I	D	E	N	6805	0091-B	HQ	9	10	15			JBR								0	M
I	T	P	R	MORRISON RESOURCES LTD	RED	006	PROJECT														
S	5	000	d	16A04																	
U																					
L																					
F																					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
RED																OBJECTIVE OF HOLE IS TO TEST CONTINUITY OF MINERALIZATION BETWEEN HOLES BB-2 AND 90-3, AND DEPTH OF LATE INTRUSIVE. PLAIN LANGUAGE SUMMARY BEGINS ON PAGE 9.																																																															
RSURV																A CALLAR SURVEYED BY TAPE AND COMPASS FROM CONTROL 12M AWAY.																																																															
P																0. 3.66																																																															
P																3.66 7.31																																																															
P																7.31 9.0																																																															
RLTH																7.31 12.0 MORE PERVASIVE SIBX THAN TYPICAL EN SIBX																																																															
RLTH																9.0 12.0																																																															
RSTR																12.0 TYPICAL SIBX, 1-2% DESS. PY, 0.1-0.3 CP, 0.1-1.0 DESS. B, CAL. BY V. FEEL																																																															
E																12.0 15.0 SIBX																																																															
L																15.0 18.0 SIBX																																																															
E																18.0 21.0 SIBX																																																															
L																21.0 24.0 SIBX																																																															



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INTERESTS IN COL 1 TO ACTIVATE SHORTS	KEY	FLAG	FORMAT VERSION	M/T TYPE	ID of DRILLHOLE/TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR	MIN	APT	GEOLOGGED BY	ED BY	YR	MON	DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS													
1-2	D	E	M	6 8 0 5	0 0	91-8														2												
Identify Data	KEY	TURNING POINT 000 = Color	FROM	TO	F S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG IF DOWN	STATION	OFFSET	NEG IF LEFT	NORTHING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB SEA													
Survey Data	S																															
Upper Tier	U	FLAG	FROM	TO	RECOVERY	T	M	ROCK SOIL	TYPIFY MAT TM1	TM2	QALMAT QM1	QM2	TEXTURES TR1	TR2	FRAC COUNT 1	2	STRUCT ID	STRTG AZM	OP	QZ	BI	CY	CB	MC	PG	PY	CP	IGC	VY	SUMMARY		
Lower Tier	L				ROD	ENV	RTQ																									
Geodata	A				RECOVERY		Sample Serial No																									
Assay Data	F																															
Entry	E																															
21	P		210	240				SIBX			BRIG			4F1					75P9											71B	93	
	L							SA						3	F5				05		Ø=Ø								OK	4=1E		
	R		215					SAMPLE COLL. RET. LETN EE FRAS.																								
24	E		240	270				SIBX						2	F5				05P?			Q=Ø1		Q1					71B*	4397		
	L																													OK	4=1E	
27	E		270	304B				SIBX											20P?										71B)	4397		
	L													2	5F1						P2P1		Q1						OK	4=1E		
	R		304B	304B				REDUCED TO NA IN A B.L. BODY FAULT!!																								
30	E		304B	330				SIBX											55B										71B)	9793		
	L													3	F5				05		P1								-	4=1E		
33	E		330	360				SIBX											05G										71B)	9794		
	L													1	F5				20		P2			P2					-	2=1E		
	R		33	39				SPOTS OF WAXY GREEN SR AND NB. ROCK CRUSHED, BUT CORE INTACT. SIBX CRUSHED, SR AFTER CRUSHING.																								
36	E		360	390				SIBX											05G										71D)	77		
	L													2	3F1						P2								OK	4=1E		
39	E		390	420				SIBX											35P										71D)	57		
	L													2	2F1						P2								OK	4=1E		





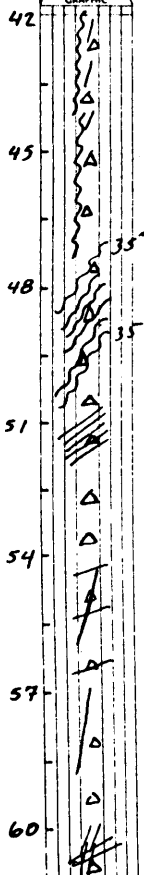
Geolog System

Geofom

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or | = Alpha I z = Alpha Z

INTERSECT IN COL. 1 TO ACTIVATE ENTIRE

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE - TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	BY	ED BY	YR	COMPLETED MON DAY	COMMENT / REMARK	GRD AZIMUTH	UNITS M/F				
I	DEN	6805	DD	91-0											3				
I	PRJ																		
KEY	TURN/CPT	FROM	TO	F-S	O	AZM	CLEARANCE FROM TRUSH	V-ANG	NEC# DOWN	STATION	OFFSET	NEC# LEFT	NORTHING	NEC# SOUTH	EASTING	NEC# WEST	ELEVATION	NEC# SUB-SEA	
S																			
U	FLAG	FROM	TO	RECOVERY	TYPE	MAAT	QALMAT	TESTURES	GRAM	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZATION	DEFAULT SUITES	SUMMARY			
L																			
F	FROM	TO	RECOVERY	ENV	RTO	ENV	ENV	ENV	ENV	ENV	ENV	ENV	ENV	ENV	ENV	ENV	ENV	ENV	
P		42.0	45.0																
L																			
E		45.0	48.0																
L	RALT	46.5	48.0	SPOTS	GA														
E		48.0	51.0																
L																			
E		51.0	54.0																
L	RMEIN	51.0		COARSE B.P. + CP.															
E		54.0	57.0																
L	RSTR	55.0	57.1	1. MM WHITE VEINS AND CRKSN FILLING. WORLD BE CALLED IN RE.															
E		57.0	60.0																
L	RSTR	58.0	59.0	MILLID. QZ FRAGS IN PY QZ-SR MATRIX															
RALT	59.0	60.0	ACR CARB. PSUEDOS PETER OCTENALITE.																
E		60.0	63.0																
L																			



S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or i = Alpha I Z = Alpha Z

IDENTIFY DATA		SURVEY DATA		UPPER TIER GEOL DATA		LOWER TIER GEOL DATA		ASSEY DATA		F-ENTRY		GRAPHIC									
REV	FLAG	FORMAT VERSION	H/T TYPE	ID # DRILLHOLE/TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY	HR	MIN	APT	BY	GEOLOGIC ED BY	COMPLETED MON	DAY	COMMENT / REMARK	GRID ARITHM	UNITS M/F			
I	OEN	6805	DD	91-8															4		
REV	TURN C/P	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE	V-ANG	NEG DOWN	STATION	OFFSET	NEG IF LEFT	NORTING	NEG IF SOUTH	EASTING	NEG IF WEST	ELEVATION	NEG IF SUB SEA			
S																					
U	FLAG	FROM	TO	RECOVERY	RECOVER	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT		
L																					
A	FLAG	FROM	TO	RECOVERY	RECOVER	ROCK-SOIL	TYPIFY-MAT	QALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT	STRUCT		
F																					
P		63.0	66.0			SIBX				BR			FS		35	PG			710+	97	
L							FA													0)	4.1 =
E		66.0	69.0			SIBX							FS		35				710)	97	
L											2									0-	4.1 =
E		69.0	72.0			SIBX							FS		35				710*	97	
L											2									0-	4.1 =
E		72.0	75.0			SIBX							FS		35				710)	97	
L											2									0)	4.1 =
E		75.0	78.3			SIBX							FS		35				710)	97	
L											2		FS		70					0-	4.1 =
P		78.3	80.95			PPR DQRY				PP			FS		75				Ø =	97	
R ALT		78.3	80.95			STRONG CHLORITE-SERICITE ALTS				PPR						PG				CL GREEN SN. PY LARGELY	1 =
P		80.95	83.0			SIBX														9 = BX	97
L		80.95	81.3			FIRST 20-30CM MORE LIKE OMBX.															2 =

63

66

69

72

75

78

81



S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O | or l = Alpha I z = Alpha Z

KEY	FLAG	FORMAT VERSION	W/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED BY	COMPLETED YR MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS M/F																									
I	DEN	6805	00	91-2									5																									
I	PRJ																																					
KEY	TURNING POINT	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG'D DOWN	STATION	OFFSET	NEG'D LEFT	NORTHING	EASTING	ELEVATION	NEG'D SUB SEA																						
S																																						
U	FLAG	FROM	TO	RECOVERY	ROCK-SOIL	TYPIFY MAT	GALMAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRIKE	DIP	ALTERNATION & MINERALIZATION	DEFAULT SUITES	SUMMARY																						
L																																						
A	FROM	TO	RECOVERY	ENV	RTG	LC	TM1	OM1	TR1	TR2	SA	RA	SH	OC	N	HA	KA	ST	STRUCT	AZM	DIP	KE	MU	CL	EP	HE	PR	MO	BA	MI	MZ							
F																																						
P		84.0	87.0																																			
L																																						
R	TXR	84.0																																				
E		87.0	90.0																																			
L																																						
E		90.0	93.0																																			
L																																						
E		93.0	96.0																																			
L																																						
E		96.0	99.0																																			
L																																						
E		99.0	102.0																																			
L																																						
R	LTH	99.0	102																																			
E		102.0	105.0																																			
L																																						
R	STR	102.0	105																																			

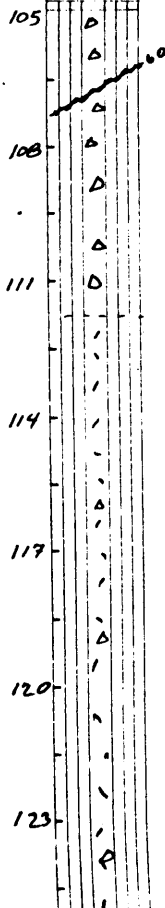


S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I or l = Alpha I z = Alpha Z

INTER KEYS IN COL. 1 TO ACTIVATE ENTRIES

Identify Data
Survey Data
Upper Tier
Lower Tier
Geodata
Assay Data
F-Entry

KEY	FLAG	FORMAT VERSION	H/T TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DATE AND TIME DAY HR MIN APT	GEOLOGGED BY	ED BY	YR	COMPLETED MON DAY	COMMENT / REMARK	GRID AZIMUTH	UNITS					
I	DEN	6805	0	071-8											6					
I	PRJ																			
S	TURN CPT	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	NEG DOWN	STATION	OFFSET	NEG LEFT	NORTHING	NEG SOUTH	EASTING	NEG WEST	ELEVATION	MG# SUB-SEA		
U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPFY	MAAT	DALMAT	TEXTURES	GRAM	FRACTURE	STRUCT	STRUK	ALTERNATION & MINERALIZATION	DEFAULT STATES	SUMMARY				
L	FROM	TO	RQD	ENV	RTO	LC	TM1	OM1	TR1	TR2	TR3	TR4	TR5	TR6	TR7	TR8	TR9	TR10	TR11	
F	FROM	TO	RECOVERY	Sample Serial No																
105	P	105.0	100.0			SIBX	QZ			BIT			1FA	60PB	11)		7+B(2B	
	L							7A												2+
108	E	108.0	112.66			SIBX														2B
	L							5A												2+
111	P	112.66	114.0			PPRQ	FFY			PPBR	J4K			K6			B=B(479Z
	L							4A												2+
	RLTH	112.66	112.66			PPRQ	CRADERS			OUT OF SILICEOUS BRECCIA										2+
	RLTH	112.66	112.66			PPRQ	ROSE QUARTZ			PORPHYRY	PAL									2+
	RLTH	112.66	112.66			PPRQ	SPREADS			OUT FROM QZ VEINS										2+
114	E	114.0	117.0			PPRQ														479Z
	L							4A												1+
	RLTH	114.0	117.0			PPRQ	MAFICS.			TRACE	CP									2+
117	E	117.0	120.0			PPRQ								K6						479Z
	L							3A												2+
120	E	120.0	123.0			PPRQ								K7						479Z
	L							3A												2+
123	E	123	124.05			PPRQ								K7						479Z
	L																			2+
	RLTH	123	124.05			PPRQ	LARGE			BROKEN	QZ									2+
	RLTH	123	124.05			PPRQ	CRADERS			INTO	SIBX									2+



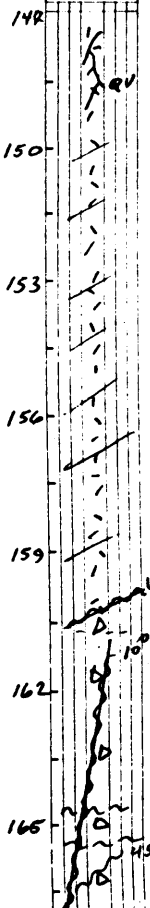


Geolog System

Geoform

S = Alpha S 0 = Zero 1 = One 2 = Two 7 = Seven Ø = Alpha O I = Alpha I Z = Alpha Z

KEY	FLAG	FORMAT VERSION	DATE TYPE	ID OF DRILLHOLE TRAVERSE NAME AND NUMBER	SIZE OF CORE OR HOLE	YR	MON	DAY	HR	MIN	APT	GEOLOGGED BY	ED BY	YR	MON	DAY	COMMENT / REMARK	CARD AZIMUTH	UNITS M/F																		
I	P R J	D E N G B O S																																			
KEY	TURNING PT DOB = Color	FROM	TO	F-S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	MECH DOWN	STATION	OFFSET	MECH LEFT	NORTHING	MECH SOUTH	EASTING	MECH WEST	ELEVATION	MECH SUB-SEA																			
S																																					
U	FLAG	FROM	TO	RECOVERY	T ₁₀₀ (%)	ROCK-SOIL	TYPE/MAT	ORL/MAT	TEXTURES	GRAIN	FRACTURE	STRUCT	STRIKE	DIP	ALTERATION & MINERALIZ	FAULT SUITES	SUMMARY																				
L																																					
A		FROM	TO	RECOVERY	ENV	RTO	LC	TM ₁	OM ₁	TR ₁	TR ₂	SA	RH	SA	OC	N	W	SI	TR ₂	STRUCT	AZM	DIP	REF	MU	CL	EP	NE	Z ₁ Z ₂	PR	M.O.	D ₁	M ₁	M ₂				
F		FROM	TO	RECOVERY	Sample Serial No																																
148	P	148.0	151.0			PPRQR				PP																											
	L																																				
	R	MEM	148	151.0			CP	MUCH	MARB	ABUNDANT	THIN	PY	WITH	HE+MB																							
	E		151.0	154.0			PPRQ																														
	L									4A1																											
	E		154.0	157.0			PPRQ								0VZ		30P6																				
	L									4A1																											
	E		157.0	160.54			PPRQ																														
	L																																				
	R	STA	160.54	160.54			FAULT																														
	P		160.54	163.0			SEBYZRA			BRPP			2E1		65PB																						
	L									5A1																											
	R	LT4	160.54	167.64			SEBX			AS 134.6 TO 142.14,	PPRQ		TEXTURES		SHEEN																						
	E		163.0	167.64			SEBX																														
	L										IG																										



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Identity Data

Survey Data

Upper Tier
Lower Tier
Grid Data
Assay Data
F-Entry

GRAPHIC

INTER REVIS IN COL. 1 TO ACTIVATE ENTRIES										ID OF DRILLHOLE/TRAVELER NAME AND NUMBER		SIZE OF CORE OR HOLE		DATE AND TIME		GEOLOGGED BY		COMPLETED		COMMENT / REMARK		GRID AZIMUTH		UNITS	
KEY	FLAG	FORMAT VERSION	HUT TYPE	00 71-Ø		VR	MON	DAY	HR	MIN	APT	BY	ED BY	VR	MON	DAY									
KEY	TURN CPT	FROM	TO	F	S	O	AZM	CLOCKWISE FROM TRUE N	V-ANG	MEG# DOWN	STATION	OFFSET	MEG# LEFT	NORTHING	MEG# SOUTH	EASTING	MEG# WEST	ELEVATION	MEG# SUB SEA						
U	FLAG	FROM	TO	RECOVERY	ROCK SOIL	TYPFY MAT	QAL MAT	TEXTURES	GRAIN COUNT	FRACTURE COUNT	STRUCT ID	STRUC AZM	DIP	ALTERATION & MINERALIZATION	DEFAULT SUITES	SUMMARY									
L	FROM	TO	RECOVERY	ENV	RTG	IC	OMI	TX ₁	TX ₂	FR	CR	C	AMP	FR	FR	FR	FR	FR	FR	FR	FR				
A	FROM	TO	RECOVERY	ENV	RTG	IC	OMI	TX ₁	TX ₂	FR	CR	C	AMP	FR	FR	FR	FR	FR	FR	FR	FR				
F	FROM	TO	RECOVERY	ENV	RTG	IC	OMI	TX ₁	TX ₂	FR	CR	C	AMP	FR	FR	FR	FR	FR	FR	FR	FR				
R	SUM	0.	3.66	ROAD FILL																					
		3.66	7.31	OVERBURDEN																					
		7.31	7.83	SILICEOUS BRECCIA TYPICAL, 5-10% PY IN IRREGULAR VEINS AND PATCHES AFTER HEMATITE AND MAGNETITE. WELL MINERALIZED WITH CHALCOPYRITE TO 1.5% AND BORNITE TO 1%, AVG 12.5% RSP.																					
		7.83	80.95	RED DRG QUARTZ-FELDSPAR PORPHYRY, STRONG CHLORITE-SERICITE ALTM. 5% DASS. PYRITE.																					
		80.95	112.66	SILICEOUS BRECCIA MEDIUM ROSE QUARTZ PORPHYRY PATCHES. LESS CHALCOPYRITE, AVG. 1.1% TO 1.7, TRACE BORNITE.																					
		112.66	124.05	ROSE QUARTZ PORPHYRY GRADIES OUT OF SILICEOUS BRECCIA. ABUNDANT BROKEN QUARTZ VEINS. TRACE TO 3% CHALCOPYRITE																					
		124.05	132.65	SILICEOUS BRECCIA, LARGELY BROKEN QUARTZ VEINS. TRACE CHALCO.																					
		132.65	134.60	FINE PORPHYRETIC SYENITE.																					
		134.60	142.14	SILICEOUS BRECCIA, NOT TYPICAL, LIKE A SILICEOUS BRECCIA CONTACT ZONE. 3% CHALCOPYRITE.																					
		142.14	160.54	ROSE QUARTZ PORPHYRY WELL MINERALIZED WITH CHALCOPYRITE, LITTLE PYRITE. UP TO 3% CHALCOPYRITE, MAY 5% PYRITE. MODERATE TO STRONG SILICON, PERVASSIVE PATCHES OR VERY WIDE QUARTZ VEINS																					
		160.54	167.67	SILICEOUS BRECCIA AS 134.6 TO 142.14.																					

Assay Log

DDH 91-8

Collar 17822.70 72277.40

405.30

From	To	Length	Rec. %	RQD, %	Sample #	Cu %	Mo %	Au oz/t
7.31	9.00	1.69	58.0	52.1	90692	0.67	0.025	0.014
9.00	12.00	3.00	60.7	0.0	90693	0.65	0.009	0.009
12.00	15.00	3.00	62.0	26.3	90694	0.30	0.006	0.004
15.00	18.00	3.00	44.7	20.0	90695	0.60	0.008	0.010
18.00	21.00	3.00	89.0	28.7	90696	0.89	0.005	0.020
21.00	24.00	3.00	69.0	23.0	90697	0.66	0.006	0.034
24.00	27.00	3.00	97.0	33.3	90698	0.94	0.016	0.046
27.00	30.48	3.48	61.5	10.6	90699	0.84	0.019	0.040
30.48	33.00	2.52	67.8	55.9	90700	0.79	0.010	0.021
33.00	36.00	3.00	82.7	38.7	90701	0.52	0.012	0.016
36.00	39.00	3.00	80.7	48.7	90702	0.37	0.009	0.009
39.00	42.00	3.00	89.0	43.7	90703	0.21	0.013	0.002
42.00	45.00	3.00	73.7	29.7	90704	0.50	0.011	0.009
45.00	48.00	3.00	69.3	0.0	90705	0.53	0.017	0.019
48.00	51.00	3.00	31.7	34.3	90706	0.14	0.007	0.013
51.00	54.00	3.00	85.0	27.7	90707	0.49	0.017	0.012
54.00	57.00	3.00	97.0	41.0	90708	0.58	0.015	0.011
57.00	60.00	3.00	100.3	61.7	90709	0.65	0.011	0.018
60.00	63.00	3.00	96.3	27.0	90710	0.73	0.009	0.019
63.00	66.00	3.00	100.0	52.3	90711	0.69	0.010	0.016
66.00	69.00	3.00	101.3	39.3	90712	0.55	0.020	0.012
69.00	72.00	3.00	87.7	67.3	90713	0.63	0.016	0.017
72.00	75.00	3.00	84.0	8.7	90714	0.64	0.014	0.013
75.00	78.00	3.00	60.0	45.3	90715	0.55	0.015	0.020
78.00	81.00	3.00	86.3	31.0	90716	0.35	0.018	0.014
81.00	84.00	3.00	98.3	25.7	90717	0.53	0.010	0.001
84.00	87.00	3.00	96.0	53.7	90718	0.57	0.011	0.021
87.00	90.00	3.00	84.7	52.7	90719	0.45	0.009	0.012
90.00	93.00	3.00	88.7	45.0	90720	0.47	0.006	0.014
93.00	96.00	3.00	63.3	44.0	90721	0.43	0.007	0.023
96.00	99.00	3.00	81.3	61.7	90722	0.48	0.010	0.022
99.00	102.00	3.00	98.3	101.7	90723	0.52	0.011	0.031
102.00	105.00	3.00	91.7	85.7	90724	0.25	0.012	0.011
105.00	108.00	3.00	100.7	51.7	90725	0.42	0.011	0.009
108.00	111.00	3.00	94.0	59.0	90726	0.52	0.006	0.020
111.00	114.00	3.00	110.0	68.3	90727	0.55	0.011	0.013
114.00	117.00	3.00	100.7	24.0	90728	0.35	0.007	0.015
117.00	120.00	3.00	89.3	59.3	90729	0.33	0.016	0.014
120.00	123.00	3.00	95.3	52.0	90730	0.50	0.007	0.012
123.00	126.00	3.00	101.0	56.7	90731	0.59	0.011	0.017
126.00	129.00	3.00	96.7	47.3	90732	0.56	0.017	0.019
129.00	132.65	3.65	94.8	41.9	90733	0.44	0.015	0.016
132.65	134.60	1.95	100.0	69.7	90734	0.02	0.001	0.001
134.60	138.00	3.40	95.0	59.4	90735	0.37	0.008	0.018
138.00	142.14	4.14	94.0	58.4	90736	0.35	0.011	0.020
142.14	145.00	2.86	97.9	105.9	90737	0.32	0.010	0.013
145.00	148.00	3.00	102.7	122.0	90738	0.51	0.009	0.024
148.00	151.00	3.00	98.3	43.3	90739	0.50	0.015	0.014
151.00	154.00	3.00	98.7	59.3	90740	0.30	0.008	0.009
154.00	157.00	3.00	98.0	35.0	90741	0.26	0.005	0.009
157.00	160.00	3.00	86.7	20.0	90742	0.21	0.006	0.009
160.00	163.00	3.00	86.7	40.0	90743	0.07	0.006	0.003
163.00	167.64	4.64	88.8	43.1	90744	0.05	0.005	0.003

Average 86.15 45.90

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
 PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: APR 1 1991
 DATE REPORT MAILED: April 5/91.

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG 1 FILE # 91-0862
 1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	Au oz/t
A 90451	.005	.04	.014
A 90452	.004	.04	.023
A 90453	.004	.03	.015
A 90454	.002	.03	.016
A 90455	.002	.09	.011
A 90456	.003	.04	.009
A 90457	.002	.06	.017
A 90458	.002	.05	.019
A 90459	.002	.01	.014
A 90460	.002	.04	.015
A 90461	.002	.01	.022
A 90462	.003	.01	.017
A 90463	.003	.03	.012
A 90464	.003	.01	.011
A 90465	.003	.01	.010
A 90466	.005	.05	.008
A 90467	.003	.04	.006
A 90468	.008	.02	.011
A 90469	.005	.02	.009
A 90470	.007	.02	.007
A 90471	.005	.03	.008
A 90472	.003	.15	.007
A 90473	.002	.13	.004
A 90474	.002	.11	.003
A 90475	.002	.14	.004
A 90476	.002	.25	.005
A 90477	.002	.32	.005
A 90478	.007	.11	.005
A 90479	.003	.21	.007
A 90480	.003	.16	.007
A 90481	.003	.13	.005
STANDARD R-1/AU-1	.098	.85	.105

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: SPLIT CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
 PHONE(604)253-3158 FAX(604)253-1716

DATE RECEIVED: APR 8 1991

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April 11/91

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG 1 FILE # 91-0922
 1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. lb
A90422	.001	.01	.001	13
A90423	.001	.01	.001	12
A90424	.001	.01	.001	12
A90425	.001	.01	.001	13
A90426	.001	.01	.001	11
A90427	.001	.01	.001	12
A90428	.001	.01	.001	13
A90429	.001	.01	.001	12
A90430	.001	.01	.001	12
A90431	.001	.01	.001	13
A90432	.001	.01	.001	13
A90433	.001	.01	.001	12
A90434	.001	.01	.001	12
A90435	.002	.01	.001	14
A90436	.004	.03	.001	12
A90437	.002	.03	.001	10
A90438	.002	.02	.001	12
A90439	.002	.05	.001	12
A90440	.006	.04	.001	13
A90441	.001	.01	.001	24
A90442	.002	.02	.001	16
A90443	.004	.02	.001	22
A90444	.001	.01	.001	20
A90445	.009	.02	.001	21
A90446	.012	.02	.005	17
A90447	.015	.03	.009	6
A90448	.018	.34	.028	16
A90449	.007	.13	.021	21
A90450	.008	.03	.022	15
STANDARD R-1/AU-1	.096	.87	.097	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG 4 FILE # 91-0923
1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. lb
A90482	.004	.26	.004	17
A90483	.001	.01	.001	18
A90484	.003	.23	.008	14
A90485	.004	.21	.010	13
A90486	.004	.18	.009	15
A90487	.008	.25	.012	16
A90488	.009	.21	.004	14
A90489	.003	.04	.001	21
A90490	.001	.07	.001	24
A90491	.001	.03	.001	26
A90492	.001	.02	.001	28
A90493	.002	.02	.012	17
A90494	.002	.02	.001	19
A90495	.002	.12	.002	7
A90496	.002	.14	.005	11
A90497	.003	.12	.002	14
A90498	.003	.16	.004	17
A90499	.004	.14	.003	18
A90500	.001	.01	.001	10
A90501	.001	.01	.001	22
A90502	.001	.01	.001	26
A90503	.001	.01	.001	28
A90504	.001	.01	.001	27
A90505	.001	.01	.001	17
STANDARD R-1\AU-1	.102	.89	.104	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
- SAMPLE TYPE: CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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DATE RECEIVED: APR 8 1991

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April 11/91

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG 5 FILE # 91-0924
 1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. gm
A90506	.008	.51	.027	13
A90507	.010	.50	.022	18
A90508	.012	.32	.020	9
A90509	.010	.38	.019	7
A90510	.009	.38	.009	8
A90511	.001	.07	.003	22
A90512	.002	.13	.003	26
A90513	.009	.39	.009	20
A90514	.006	.42	.027	22
A90515	.005	.34	.021	17
A90516	.008	.39	.018	16
A90517	.007	.40	.015	20
A90518	.007	.48	.026	8
A90519	.008	.34	.018	5
A90520	.012	.47	.021	10
A90521	.009	.35	.016	11
A90522	.005	.37	.011	3
A90523	.004	.26	.017	14
A90524	.007	.45	.015	10
A90525	.008	.30	.014	8
A90526	.004	.31	.014	12
A90527	.003	.31	.010	9
A90528	.003	.18	.005	11
STANDARD R-1/AU-1	.098	.89	.103	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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DATE RECEIVED: APR 8 1991
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ASSAY CERTIFICATE

Daiwan Engineering Ltd. FILE # 91-0925
 1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. lb
A90529	.003	.24	.003	4
A90530	.002	.10	.001	17
A90531	.002	.10	.002	28
A90532	.002	.19	.004	26
A90533	.003	.23	.010	21
A90534	.003	.17	.007	20
A90535	.008	.31	.006	25
A90536	.002	.11	.004	17
A90537	.003	.18	.006	16
A90538	.005	.20	.009	17
A90539	.005	.33	.015	16
A90540	.005	.18	.009	15
A90541	.004	.19	.009	17
A90542	.004	.24	.010	16
A90543	.004	.21	.004	22
A90544	.001	.01	.001	26
A90545	.002	.16	.003	5
A90546	.003	.17	.004	13
A90547	.002	.12	.005	16
A90548	.004	.18	.005	17
A90549	.003	.12	.007	16
A90550	.002	.20	.007	16
A90551	.001	.02	.001	30
A90552	.001	.01	.001	34
A90553	.001	.01	.001	33
A90554	.001	.01	.001	45
A90555	.001	.01	.001	40
STANDARD R-1/AU-1	.097	.85	.101	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
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DATE RECEIVED: APR 8 1991

DATE REPORT MAILED: April 11/91

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG 7 FILE # 91-0926
1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. lb
A90556	.004	.10	.018	5
A90557	.005	.50	.012	20
A90558	.005	.28	.007	15
A90559	.010	.30	.008	16
A90560	.009	.22	.034	20
A90561	.014	.26	.025	17
A90562	.007	.09	.005	25
A90563	.008	.15	.008	18
A90564	.001	.01	.001	26
A90565	.020	.15	.005	16
A90566	.008	.15	.004	15
A90567	.014	.57	.014	27
STANDARD R-1\AU-1	.093	.86	.101	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
- SAMPLE TYPE: CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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DATE RECEIVED: APR 8 1991

DATE REPORT MAILED:

April 11/91

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG 9 FILE # 91-0927
1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. gm
A90596	.009	.11	.001	9
A90597	.001	.01	.001	32
A90598	.001	.01	.001	19
A90599	.017	.10	.020	20
A90600	.023	.83	.044	12
A90601	.022	1.15	.042	16
A90602	.022	1.07	.040	17
A90603	.025	1.22	.058	18
A90604	.014	.97	.035	7
A90605	.016	1.19	.047	13
A90606	.013	.91	.062	23
A90607	.013	.68	.022	20
A90608	.025	.75	.014	18
STANDARD R-1\AU-1	.093	.86	.099	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
- SAMPLE TYPE: CORE

SIGNED BY..... *C. Leung* D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
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DATE RECEIVED: APR 10 1991

DATE REPORT MAILED: *April 15/91*

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG 10 FILE # 91-0945
 1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. lb
A 90609	.016	.28	.051	16
A 90610	.023	.59	.015	21
A 90611	.022	.95	.035	22
A 90612	.088	.54	.010	16
A 90613	.015	.76	.008	25
A 90614	.019	.41	.004	17
A 90615	.013	.81	.013	23
A 90616	.015	.62	.008	26
A 90617	.007	.59	.008	24
A 90618	.010	.40	.005	24
A 90619	.007	.32	.007	19
A 90620	.012	.09	.003	23
A 90621	.010	.14	.001	13
A 90622	.005	.18	.004	46
A 90623	.011	.24	.004	14
A 90624	.003	.42	.012	14
A 90625	.007	.50	.007	16
A 90626	.004	.09	.031	17
A 90627	.006	.30	.022	13
A 90628	.003	.10	.003	21
STANDARD R-1/AU-1	.091	.87	.097	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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DATE RECEIVED: APR 11 1991

DATE REPORT MAILED: April 15/91

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG 8 FILE # 91-0957
 1030 - 609 Granville St., Vancouver BC V7Y 1G5 Attn: P. DASLER

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. /lb
A90568	.011	1.20	.043	26
A90569	.016	.51	.025	31
A90570	.022	.35	.013	10
A90571	.014	.62	.036	15
A90572	.020	.45	.018	15
A90573	.031	.38	.021	14
A90574	.012	.23	.011	12
A90575	.015	.62	.026	15
A90576	.020	.88	.048	11
A90577	.016	.64	.020	15
A90578	.011	.77	.029	14
A90579	.014	.83	.035	16
A90580	.017	.44	.019	14
A90581	.015	.48	.025	17
A90582	.012	.33	.017	15
A90583	.012	.30	.019	16
A90584	.010	.38	.019	10
A90585	.001	.04	.001	39
A90586	.001	.01	.001	42
A90587	.001	.01	.002	5
A90588	.001	.01	.002	24
A90589	.001	.01	.004	36
A90590	.008	.15	.006	15
A90591	.009	.11	.004	17
A90592	.004	.08	.003	17
A90593	.003	.03	.002	12
A90594	.004	.10	.006	19
A90595	.001	.01	.002	43
STANDARD R-1/AU-1	.090	.81	.103	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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DATE RECEIVED: APR 11 1991

DATE REPORT MAILED: *April 15/91*

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG 10 FILE # 91-0958
 1030 - 609 Granville St., Vancouver BC V7Y 1G5 Attn: P. DASLER

SAMPLE#	Cu %	Mo %	AU oz/t	SAMPLE wt. lb
A90629	.02	.001	.001	10
A90630	.16	.003	.009	14
A90631	.10	.003	.007	15
A90632	.10	.003	.007	16
A90633	.04	.003	.008	12
A90634	.01	.001	.013	16
A90635	.01	.001	.006	17
A90636	.01	.001	.001	18
A90637	.01	.001	.001	13
A90638	.01	.001	.001	16
A90639	.01	.001	.001	16
A90640	.01	.001	.001	28
A90641	.01	.001	.001	36
A90642	.01	.001	.001	28
A90643	.01	.001	.001	48
A90644	.01	.001	.001	59
A90645	.01	.001	.001	46
STANDARD R-1/AU-1	.87	.094	.096	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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DATE RECEIVED: APR 15 1991

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ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG #11 FILE # 91-0969
 1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	Au oz/t	SAMPLE wt. lb
A 90646	.001	.01	.001	24
A 90647	.007	.78	.038	20
A 90648	.007	.39	.021	20
A 90649	.004	.53	.023	15
A 90650	.007	.28	.014	17
A 90651	.008	.53	.028	25
A 90652	.006	.49	.026	15
A 90653	.004	.46	.031	22
A 90654	.003	.49	.024	36
A 90655	.003	.40	.024	34
A 90656	.003	.21	.008	10
A 90657	.004	.38	.009	11
A 90658	.002	.34	.014	5
A 90659	.002	.21	.011	4
A 90660	.002	.28	.014	3
A 90661	.003	.33	.015	2
A 90662	.003	.36	.019	10
A 90663	.001	.01	.001	24
A 90664	.004	.44	.014	8
A 90665	.014	.40	.008	12
A 90666	.002	.33	.007	14
A 90667	.003	.33	.013	15
A 90668	.004	.26	.011	17
A 90669	.001	.36	.022	16
A 90670	.001	.23	.031	14
A 90671	.002	.25	.028	12
STANDARD R-1/AU-1	.087	.83	.101	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: CORE

SIGNED BY *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG #12 FILE # 91-1025
 1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. lb
A 90672	.002	.38	.034	7
A 90673	.005	.25	.011	6
A 90674	.007	.15	.002	8
A 90675	.003	.12	.003	7
A 90676	.003	.34	.006	3
A 90677	.003	.30	.004	5
A 90678	.004	.28	.010	4
A 90679	.004	.23	.004	6
A 90680	.004	.30	.004	7
A 90681	.003	.17	.002	7
A 90682	.002	.15	.002	6
A 90683	.002	.18	.001	5
A 90684	.004	.31	.003	3
A 90685	.007	.23	.002	3
A 90686	.003	.15	.018	5
A 90687	.003	.25	.014	6
A 90688	.006	.31	.007	5
A 90689	.003	.19	.002	5
A 90690	.003	.20	.002	4
A 90691	.005	.32	.003	9
A 90692	.025	.67	.014	12
A 90693	.009	.65	.009	17
A 90694	.006	.30	.004	18
A 90695	.008	.60	.010	15
A 90696	.005	.89	.020	26
A 90697	.006	.66	.034	21
STANDARD R-1/AU-1	.091	.89	.102	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: CORE

SIGNED BY... *D. Toye* ... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
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DATE RECEIVED: APR 18 1991

DATE REPORT MAILED: *Apr 22/91*

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG #13 FILE # 91-1026
1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. lb
A 90698	.016	.94	.046	28
A 90699	.019	.84	.040	23
A 90700	.010	.79	.021	12
A 90701	.012	.52	.016	17
A 90702	.009	.37	.009	15
A 90703	.013	.21	.002	16
A 90704	.011	.50	.009	11
A 90705	.017	.53	.019	16
A 90706	.007	.14	.013	6
A 90707	.016	.48	.012	16
A 90708	.015	.58	.011	17
A 90709	.011	.64	.018	19
A 90710	.009	.73	.019	18
A 90711	.010	.69	.016	19
A 90712	.020	.55	.012	8
A 90713	.016	.63	.017	14
A 90714	.014	.63	.013	15
STANDARD R-1/AU-1	.093	.90	.098	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / MIBK, ANALYSIS BY AA.
- SAMPLE TYPE: CORE

SIGNED BY. *D. Toye* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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DATE RECEIVED: APR 19 1991

DATE REPORT MAILED: *Apr. 23/91.*

ASSAY CERTIFICATE

Daiwan Engineering Ltd. PROJECT RED DOG #14 FILE # 91-1036
 1030 - 609 Granville St., Vancouver BC V7Y 1G5

SAMPLE#	Mo %	Cu %	AU oz/t	SAMPLE wt. lb
A 90715	.015	.55	.020	12
A 90716	.018	.35	.014	16
A 90717	.010	.53	.001	19
A 90718	.011	.57	.021	20
A 90719	.009	.45	.012	16
A 90720	.006	.47	.014	18
A 90721	.007	.43	.023	13
A 90722	.010	.48	.022	16
A 90723	.011	.52	.031	20
A 90724	.012	.25	.011	18
A 90725	.011	.42	.009	20
A 90726	.006	.52	.020	19
A 90727	.011	.55	.013	22
A 90728	.007	.35	.015	19
A 90729	.016	.33	.014	17
A 90730	.007	.50	.012	18
A 90731	.011	.59	.017	18
A 90732	.017	.56	.019	19
A 90733	.015	.44	.016	21
A 90734	.001	.02	.001	12
A 90735	.008	.37	.018	18
A 90736	.011	.35	.020	23
A 90737	.010	.32	.013	17
A 90738	.009	.51	.024	18
A 90739	.015	.50	.014	18
A 90740	.008	.30	.009	17
A 90741	.005	.26	.009	18
A 90742	.006	.21	.009	18
A 90743	.006	.07	.003	16
A 90744	.005	.05	.003	24
STANDARD R-1/AU-1	.094	.81	.100	-

- 1 GM SAMPLE LEACHED IN 50 ML AQUA - REGIA, ANALYSIS BY ICP. AU - 20 GM ACID LEACHED / HIBK, ANALYSIS BY AA.
 - SAMPLE TYPE: CORE

SIGNED BY... *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS