ARIS SUMMARY SHEET

District Geologist, Smithers — Off Confidential: 89.08.19

ASSESSMENT REPORT 19188 — MINING DIVISION: Omineca

PROPERTY: Dome Mountain
LOCATION: LAT 54 44 30 LONG 126 37 00
UTM 09 6068435 653427
NTS 093L10E

CAMP: 043 Babine Range

CLAIM(S): No 5,No 6,Hawk,Porcupine
OPERATOR(S): Teeshin Res.
AUTHOR(S): Schippers K. H.
REPORT YEAR: 1988, 109 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver
KEYWORDS: Jurassic,Telkwa Formation,Nilkitkwa Formation,Andesite,Anticline
Alteration,Veins,Quartz,Pyrite,Chalcopyrite,Galena
WORK
DONE: Drilling,Geochemical
DIAD 1123.6 m 14 hole(s);NQ
Map(s) - 13; Scale(s) - 1:1000,1:500,1:250
SAMP 187 sample(s) ;AU,AG
RELATED
REPORTS: 10501,10684,15614,15659,16171,18620,18905
MINFILE: 093L 282

ASSESSMENT REPORT ON DOME MOUNTAIN 1987 DIAMOND DRILLING

No. 5, No. 6, Porcupine and Hawk Claims
Omineca Mining Division
British Columbia

NTS 93L/10E, 15E

Latitude 54° 44.5' North
Longitude 126° 37.0' West

January - December, 1987

For:
Teeshin Resources Ltd.
Ste 100 - 581 Argus Road
Oakville, Ontario
L6J 3J4

For: M.P.D. Consultants Inc.
P.O. Box 684
Smithers, British Columbia
V0J 2N0

Koos Schippers
March 1988

TABLE OF CONTENTS

List of Figures i

List of Tables ii

1. Introduction

1.1 Location and Access 1
1.2 Topography 1
1.3 Climate 1
1.4 Property Description 1
1.5 Objective and Procedure 9
1.6 Regional and Property Geology 9

2. 1987 Hawk Showing Diamond Drilling

2.1 Previous Exploration Activity 15
2.2 Summary of Work Completed 16
2.3 Results, Conclusions and Recommendations 16

3. 1987 Jane-Chisholm Showing Diamond Drilling

3.1 Previous Exploration Activity 18
3.2 Summary of Work Completed 19
3.3 REsults, Conclusions and Recommendations 19

4. 1987 Cabin-Fedral Showing Diamond Drilling

4.1 Previous Exploration Activity 21
4.2 Summary of Work Completed 21
4.3 Results, Conclusions and Recommendations 23

References 24

Statement of Qualifications 25

Summary of Personnel 28

Statement of Costs 29

Appendix 1: Drill Logs for Holes RP-87-1 to RP-87-14
Appendix 2: Assay Certificates for Holes RP-87-1 to RP-87-14

.mpd/dome/mar88rpt

LIST OF TABLES

Table No.	Description	Page
One	Dome Mountain Claim Inventory	5-8
Two	1987 Diamond Drilling Summary	10
Three	1987 Hawk Showing Diamond Drilling	17
Four	1987 Jane-Chisholm Area Diamond Drilling	20
Five	1987 Cabin-Fedral Zone Diamond Drilling	22

1. INTRODUCTION

1.1 LOCATION

The Dome Mountain Property is located approximately 35 km due east of Smithers, British Columbia (Fig. 1). Smithers, with a population of about 5,000 residents, is a government centre and natural resources oriented community with principal industries of wood products and mining. Good school, hospital, housing, shipping and recreational facilities are available to complement a stable work force. The town is situated on the main CNR rail line and Highway 16, connecting Prince George and Prince Rupert. PWA serves the community with daily flights to Vancouver.

The property is presently accessed via the Babine Lake Road for 35 km, then 18 km south on the Chapman Lake Road to the property access road. Further travel is currently limited to four-wheel drive vehicles for 4 km to the proposed mill and plant site. The total distance from Smithers to the site is 57 km and takes about 1 hour and 15 minutes driving time.

1.2 TOPOGRAPHY

The Boulder Creek deposit lies on the east flank of Dome Mountain, below the tree line at a mean elevation of about 1,400 m above sea level. The topography falls away to the east with a 65 m drop in elevation along the strike length of the ore zone.

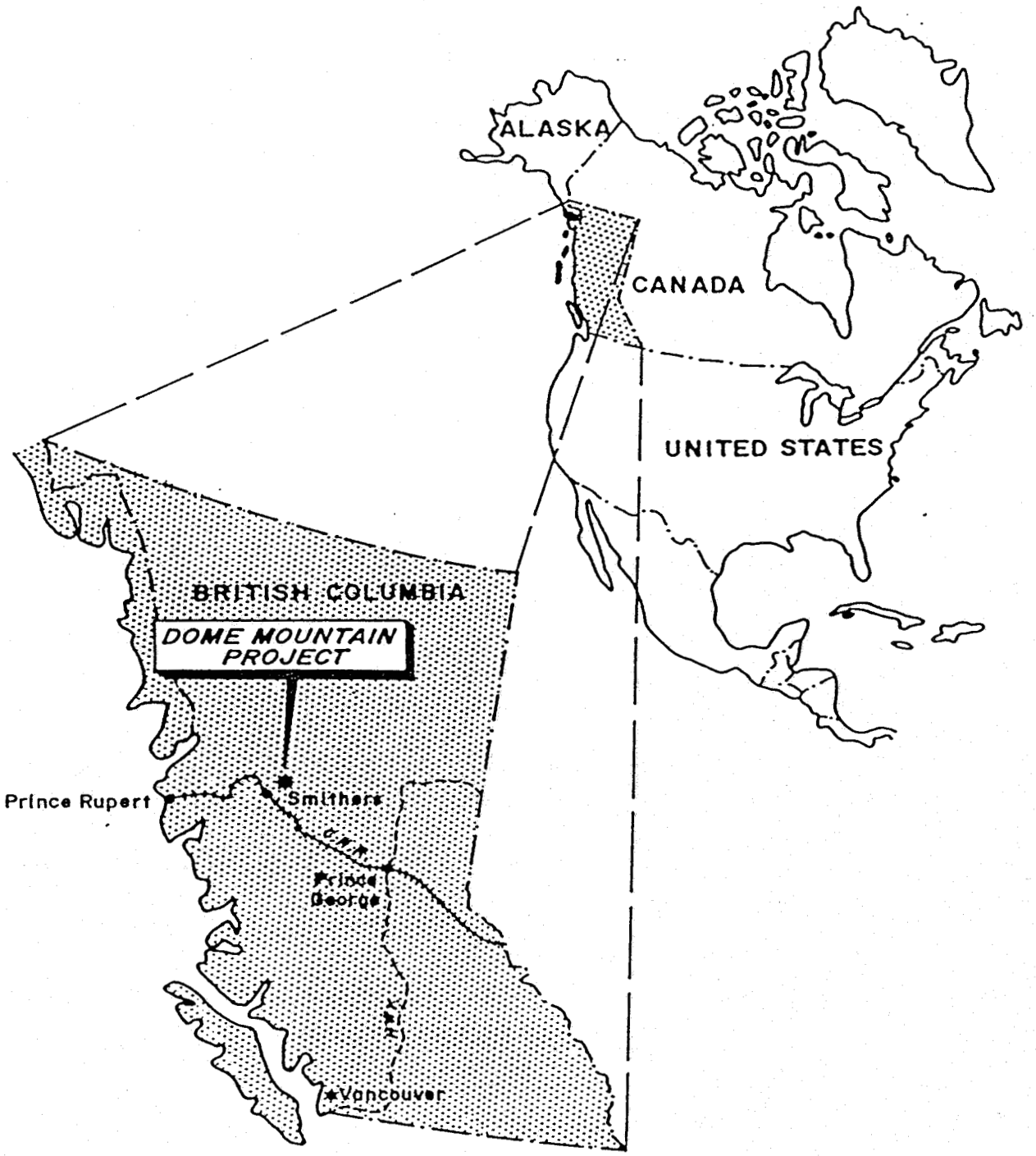
The mine area is drained by Boulder Creek, which flows parallel to the mineralized zone about 50 m to the north and about 5 m to 10 m lower in elevation. Vegetation in the area consists mostly of balsam, fir and spruce. Overburden covering the ore zone is mostly sandy clays up to 3 m in depth at the west end and increasing to 25 m on the steeper slope to the east.

1.3 CLIMATE

The Smithers area receives approximately 102 cm precipitation annually, with 2 m to 3 m of snow. Accumulated snow loads of up to 2 m can be expected. The area is generally snow free from June to mid October, with temperatures ranging from a low of -40°C in January to a high of 28°C in July/August.

1.4 PROPERTY DESCRIPTION

The Dome Mountain property covers an area of 5,354.7 hectares (13,225 acres) made up of 65 claims containing 237 units. Figure 2 and 3 illustrate the claim locations and table one presents the claim inventory.



TEESHIN RESOURCES LTD.

DOME MOUNTAIN PROJECT

PROPERTY LOCATION MAP

OCTOBER 1986

FIGURE 1

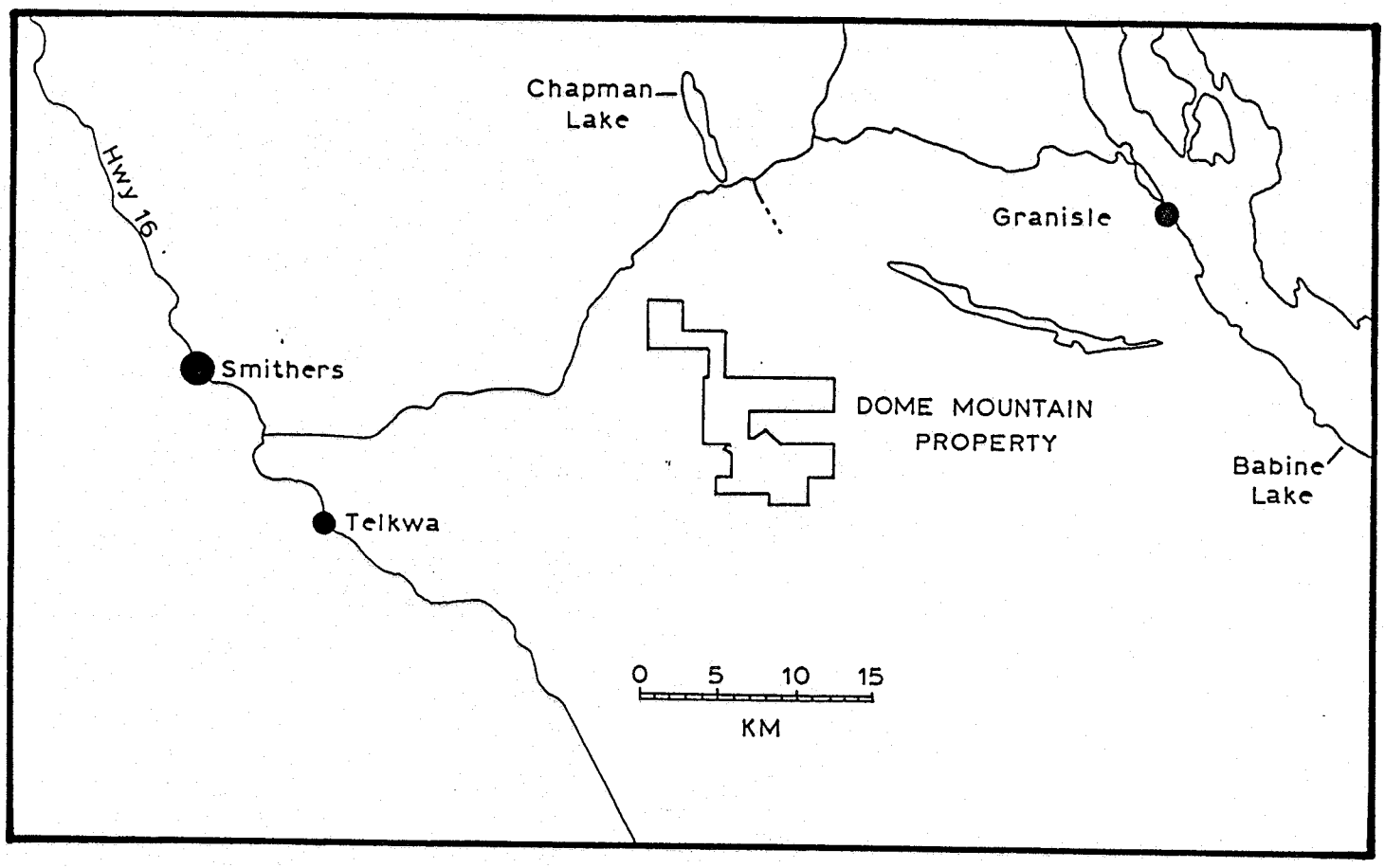
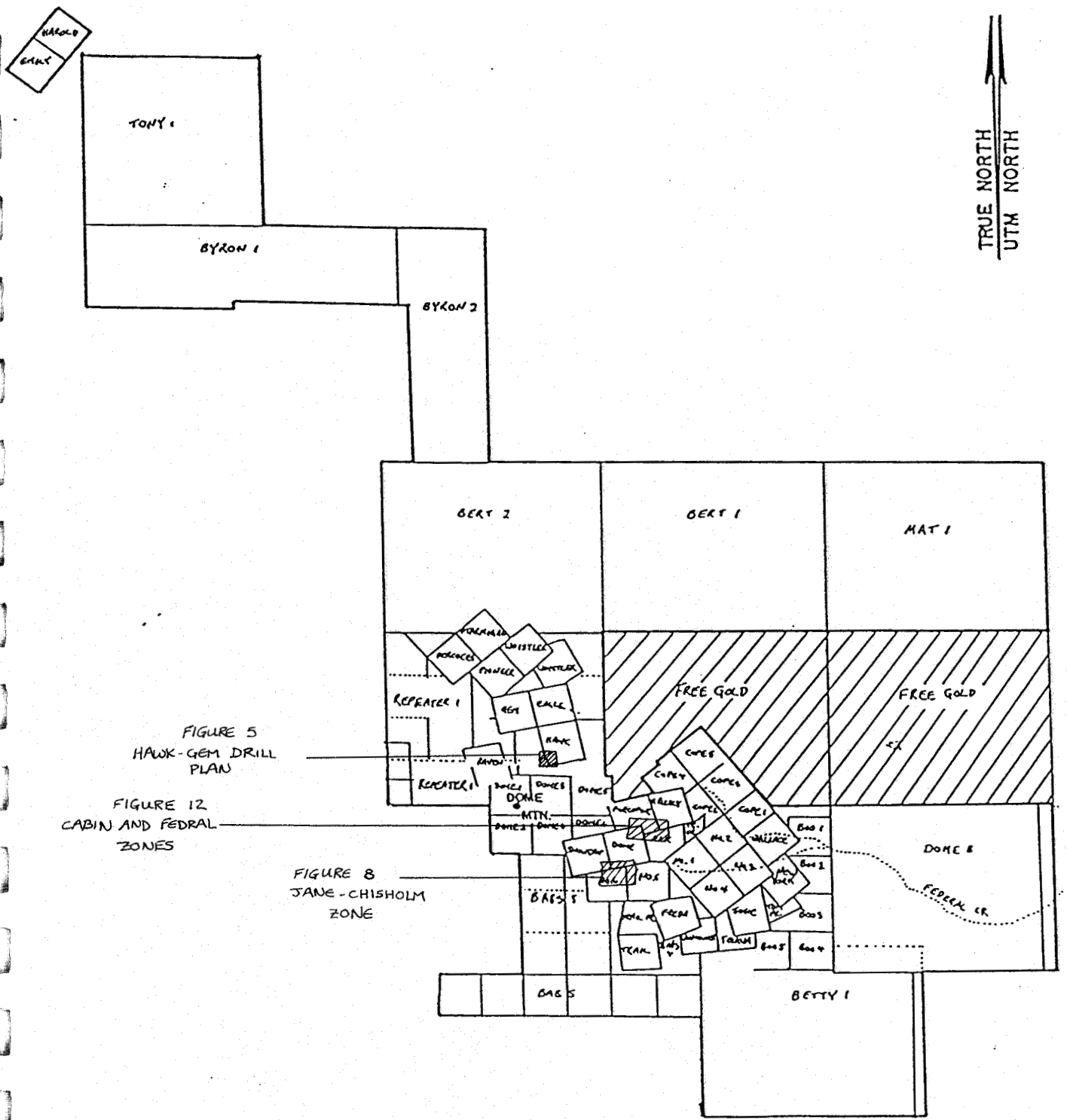


FIGURE 2. DOME MOUNTAIN PROPERTY MAP

DOME MOUNTAIN
CLAIM INVENTORY

FIG.3



/usr/wp/files/teeshin/dome/summary87/summary

0 500 1000 1500 2000 2500 3000 3500 Meters

DOME MOUNTAIN CLAIM INVENTORY

Claim Name	Claim Type	No. of Units	Area in Hectares
L'Orsa Option			
Byron 1	MG	14	350.0
Byron 2	MG	12	300.0
Emily	TP	1	20.9
Harold	TP	1	20.9
Tony	MG	16	400.0
		44	1091.8
L'Orsa et al. Option			
Betty 1	MG	20	500.0
Boo Fraction	FR	1	10.5
Boo 1	TP	1	20.9
Boo 2	TP	1	20.9
Boo 3	TP	1	20.9
Boo 4	TP	1	20.9
Boo 5	TP	1	20.9
Cope 1	TP	1	20.9
Cope 2	TP	1	20.9
Cope 3	TP	1	20.9
Cope 4	TP	1	20.9
Cope 5	TP	1	20.9
No. 2	RC	1	20.9
No. 3	RC	1	20.9
No. 6	RC	1	20.9
Whistler	RC	1	20.9
		35	803.1
Reako Property Option			
Bert I	MG	20	500.0
Bert II	MG	20	500.0
Dome B	MG	20	500.0
Mat 1	MG	20	500.0
Repeater 1	MG	20	500.0
		100	2500.0
McIntyre Mines Option			
Bertha Fraction	RC	1	5.7
Elk	RC	1	12.5
Gem	RC	1	20.8
New York	RC	1	19.0
Pioneer	RC	1	20.5
Porcupine	RC	1	16.8
Trail	RC	1	20.9
		7	116.2

.mpd/dome/mar88rpt

Warren Option			
Dome 1	TP	1	20.9
Dome 2	TP	1	20.9
Dome 3	TP	1	20.9
Dome 4	TP	1	20.9
Dome 5	TP	1	20.9
Dome 6	TP	1	20.9
Hawk	RC	1	20.9
No. 1	RC	1	20.9
No. 4	RC	1	20.9
Snowdrop	RC	1	20.9
Wallace	RC	1	20.8
Wallace Fraction	RC	1	0.2
		12	230.0
Silver Standard Option			
Babs 3	MG	8	150.0
Babs 4	MG	8	100.0
Babs 5	MG	6	100.0
Dome	RC	1	20.9
Eagle	RC	1	20.9
Eagle Fraction	RC	1	5.0
Freda	RC	1	19.9
Grizzly	RC	1	18.8
Hercules	RC	1	20.9
Josie	RC	1	20.9
No. 5	RC	1	20.3
Ptarmigan	RC	1	20.9
Raven	RC	1	17.8
Telkwa	RC	1	12.7
Tom Fraction	RC	1	7.5
Trail Fraction	RC	1	16.2
Triangle Fraction	RC	1	5.0
Vancouver	RC	1	15.1
Victoria Fraction	RC	1	2.6
Whistler Fraction	RC	1	18.2
		39	613.6
GRAND TOTAL	65	237	5354.7

.mpd/dome/mar88rpt

Dome Mountain Claims Groups - Forks Group

Claim Name	# of Units	Record Number	Mo. of Record	Area (hectares)
Raven L2897	1	1532	Nov.	17.80
Snowdrop L2904	1	1556	Nov.	20.90
No. 6 L2905	1	1541	Nov.	20.90
No. 2 L2909	1	1557	Nov.	20.90
No. 3 L2910	1	1540	Nov.	20.90
Wallace L2911	1	1560	Nov.	20.80
New York L2912	1	1554	Nov.	19.00
Josie L2913	1	1531	Nov.	20.90
Telkwa L2915	1	1533	Nov.	12.70
Vancouver L2916	1	1539	Nov.	15.10
Victoria Fr. L2917	1	1545	Nov.	2.60
Freda L2918	1	1546	Nov.	19.90
Trail L2919	1	1555	Nov.	20.90
Wallace Fr. L2920	1	1562	Nov.	0.20
Trail Fr. L2921	1	1547	Nov.	16.20
Tom Fr. L2922	1	1548	Nov.	7.50
Dome 1	1	1623	Mar.	20.90
Dome 2	1	1624	Mar.	20.90
Dome 3	1	1625	Mar.	20.90
Dome 4	1	1626	Mar.	20.90
Dome 6	1	1628	Mar.	20.90
Babs 3	8	1983	Aug.	200.00
Babs 4	8	1984	Aug.	200.00
Babs 5	6	1985	Aug.	150.00
Dome B	20	3566	Feb.	500.00
Boo Fr.	1	3950	Jul.	10.50
Boo 1	1	3951	Jul.	20.90
Boo 2	1	3952	Jul.	20.90
Boo 3	1	3953	Jul.	20.90
Boo 4	1	3954	Jul.	20.90
Boo 5	1	3955	Jul.	20.90
Cope 1	1	4500	Oct.	20.90
Cope 3	1	4502	Oct.	20.90
Cope 4	1	4503	Oct.	20.90
Cope 5	1	4504	Oct.	20.90
Betty 1	20	6041	Feb.	500.00
	93			2110.30

.mpd/dome/mar88rpt

Dome Mountain Claims Groups - Dome North Group

Claim Name	# of Units	Record Number	Mo. of Record	Area (hectares)
Hawk L2888	1	1558	Nov.	20.90
Eagle L2889	1	1534	Nov.	20.90
Whistler Fr. L2890	1	1543	Nov.	18.20
Eagle Fr. L2891	1	1535	Nov.	5.00
Whistler L2892	1	1542	Nov.	20.90
Ptarmigan L2893	1	1529	Nov.	20.90
Hercules L2894	1	1536	Nov.	20.90
Pioneer L2895	1	1549	Nov.	20.50
Gem L2896	1	1550	Nov.	20.80
Porcupine L2899	1	1551	Nov.	16.80
Grizzly L2900	1	1530	Nov.	18.80
Triangle Fr. L2901	1	1537	Nov.	5.00
Elk L2902	1	1552	Nov.	12.50
Dome L2903	1	1538	Nov.	20.90
No. 5 L2906	1	1544	Nov.	20.30
Bertha Fr. L2907	1	1553	Nov.	5.70
No. 1 L2908	1	1559	Nov.	20.90
No. 4 L2914	1	1561?	Nov.	20.90
Dome 5	1	1627	Mar.	20.90
Repeater 1	20	3408	Nov.	500.00
Mat 1	20	3839	Jul.	500.00
Cope 2	1	4501	Oct.	20.90
Bert I	20	4831	Oct.	500.00
Bert II	20	4832	Oct.	500.00
	100			2352.60

.mpd/dome/mar88rpt

1.5 OBJECTIVE AND PROCEDURE

The objective of the 1987 exploration diamond drilling program on Dome Mountain was to follow up previous exploration work completed at the Hawk, Jane-Chisholm and Cabin-Fedral zones. The diamond drilling was completed by J.T. Thomas Diamond Drilling Limited during September, 1987. A Longyear 38 rig was used to recover 1,123.60 metres of NQ core from 14 holes. A Cat D-6 bulldozer was used for drill pad construction and moves between setups. The collar locations are marked in the field with a picket and were surveyed by Albert Low of A.D.W.. Engineering with a transit and chain. The drill collar coordinates and elevations are tied to the UTM grid used elsewhere on the property (Table 2). The core was logged in Smithers by Herve Hugon, Ph.D. and where sampled, the core was sawed in half with one half being sent to Kamloops Research and Assay Laboratory Limited, Kamloops, B.C. for fire assay gold and silver analysis. The remaining drill core is stored in Smithers at the Fulton Avenue warehouse.

1.6 REGIONAL AND PROPERTY GEOLOGY

The following is an excerpt from D.G. MacIntyre, "Geology of the Dome Mountain Gold Camp", B.C. Geological Branch, 1985.

The Dome Mountain area is underlain by subaerial to submarine volcanic, volcaniclastic and sedimentary rocks of the Hazelton Group. The Hazelton Group is an island-arc assemblage that was deposited in the northwest trending Hazelton Trough between Early Jurassic time. Tipper and Richards (1976) divide the Hazelton Group into three major formations in the Smithers map-area (93L). These are the Late Sinemurian to Early Pliensbachian Telkwa Formation, and the Middle Toarcian to Lower Callovian Smithers Formation.

The Telkwa Formation which is comprised of subaerial and submarine pyroclastic and flow rocks with lesser intercalated sedimentary rocks is the thickest and most extensive formation of the Hazelton Group. The mixed subaerial to submarine Babine Shelf facies of the Telkwa Formation, which separates the subaerial Howson facies to the west and the submarine Kotsine facies to the east, underlies the Babine Range (Tipper and Richards, 1976).

The Nilkitkwa Formation conformably to disconformably overlies the Telkwa Formation. West of Dome Mountain it is comprised of predominantly Toarcian red pyroclastic rocks; to the east it includes Early Pleinsbachian to Middle Toarcian marine sedimentary rocks with intercalated rhyolite to basalt flows.

In the Babine Range, the Smithers Formation disconformably overlies the Nilkitkwa Formation; it is predominantly Bajocian in age. It is comprised of fossiliferous sandstone and siltstone with lesser intercalated felsic tuff.

The core of Dome Mountain is underlain by a large southwest-verging, southeast-plunging anticlinal structure that has been cut by northeast and northwest-trending high angle faults (Fig. 4). The oldest rocks are well exposed on the crest of the mountain and a good stratigraphic section is exposed on the south slope. A preliminary stratigraphic column has been established on the basis of

TABLE TWO: 1987 DIAMOND DRILLING SUMMARY

TEESHIN RESOURCES LIMITED
DIAMOND DRILL SUMMARY
(SURFACE)

D.D.H. NO.	COORDINATE		AZIMUTH	DIP	LENGTH	COLLAR ELEVATION	DATE		TOTAL METRES	COMMENTS
	Latitude	Departure					Started	Finished		
RP-87-1	69236.75	51404.2	230	-45	79.24	1665.1	Sept 8,1987	Sept 9,1987	79.24	Hawk M.C. L 2888
RP-87-2	69417.40	51374.5	090	-45	82.29	1631.5	Sept 9,1987	Sept 10,1987	161.53	Hawk M.C. L 2888
RP-87-3	69419.4	51332.2	270	-45	97.53	1634.4	Sept 10,1987	Sept 10,1987	259.06	Hawk M.C. L 2888
RP-87-4	67909.0	52300.3	225	-45	91.44	1477.4	Sept 11,1987	Sept 11,1987	350.50	No. 5 M.C.
RP-87-5	67961.1	52285.8	225	-45	60.84	1483.2	Sept 12,1987	Sept 12,1987	411.34	No. 5 M.C.
RP-87-6	68044.2	52242.3	225	-45	76.20	1496.5	Sept 12,1987	Sept 12,1987	487.54	No. 6 M.C. L2905
RP-87-7	68001.2	52200.5	225	-45	27.43	1498.2	Sept 13,1987	Sept 13,1987	514.97	No. 6 M.C. L2905
RP-87-8	68675.2	52506.5	360	-45	33.55	1469.8	Sept 13,1987	Sept 13,1987	548.52	Porcupine M.C. L2899
RP-87-9	68646.7	52508.9	360	-45	109.72	1468.9	Sept 13,1987	Sept 16,1987	658.24	Porcupine M.C. L2899
RP-87-10	68645.9	52476.9	360	-45	94.48	1473.0	Sept 16,1987	Sept 16,1987	752.72	Porcupine M.C. L2899
RP-87-11	68770.1	52455.2	180	-40	91.44	1479.4	Sept 17,1987	Sept 17,1987	844.16	Porcupine M.C. L2899
RP-87-12	68759.2	52412.1	180	-45	91.44	1483.4	Sept 18,1987	Sept 17,1987	935.60	Porcupine M.C. L2899
RP-87-13	68791.7	52376.8	180	-44	124.00	1485.8	Sept 23,1987	Sept 23,1987	1059.60	Porcupine M.C. L2899
RP-87-14	68753.9	52350.4	180	-45	64.00	1488.9	Sept 23,1987	Sept 24,1987	1123.60	Porcupine M.C. L2899

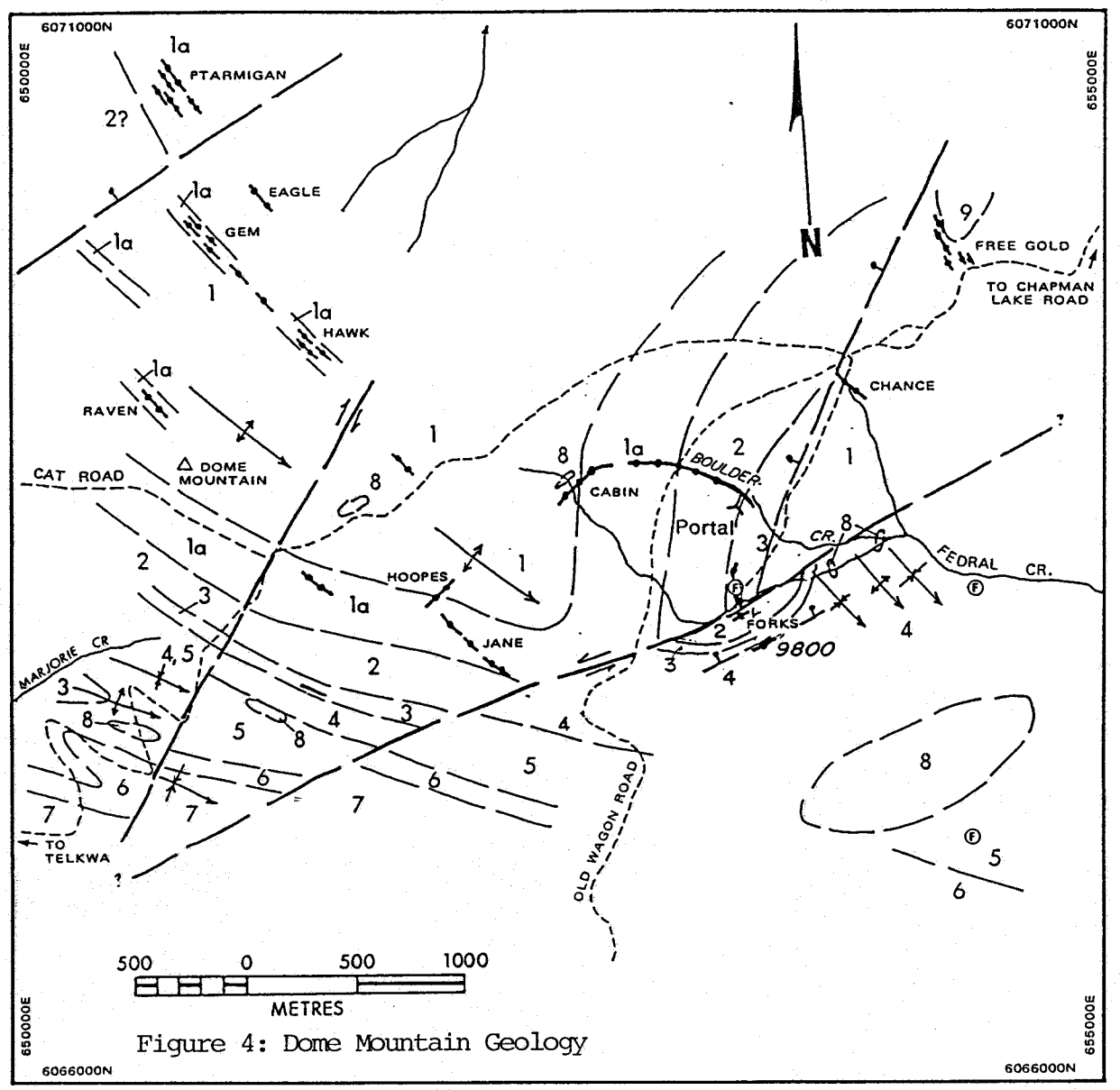


Figure 4: Dome Mountain Geology

LEGEND

NILKITKWA FORMATION

- 9 QUARTZ MONZONITE
- 8 DIORITE OR DIABASE
- 4 RUSTY ARGILLITE
- 3 WACKE, CONGLOMERATE FELSIC TUFF
- 2 RED VOLCANICLASTIC ROCKS AND GREEN AMYGDALOIDAL FLOWS

HAZELTON GROUP
SMITHERS FORMATION

- 7 THICK-BEDDED GREEN VOLCANICLASTIC ROCKS, MINOR LIMESTONE
- 6 THIN-BEDDED LIMESTONE, SILTSTONE, WACKE
- 5 THICK-BEDDED SILTSTONE

TELKWA FORMATION

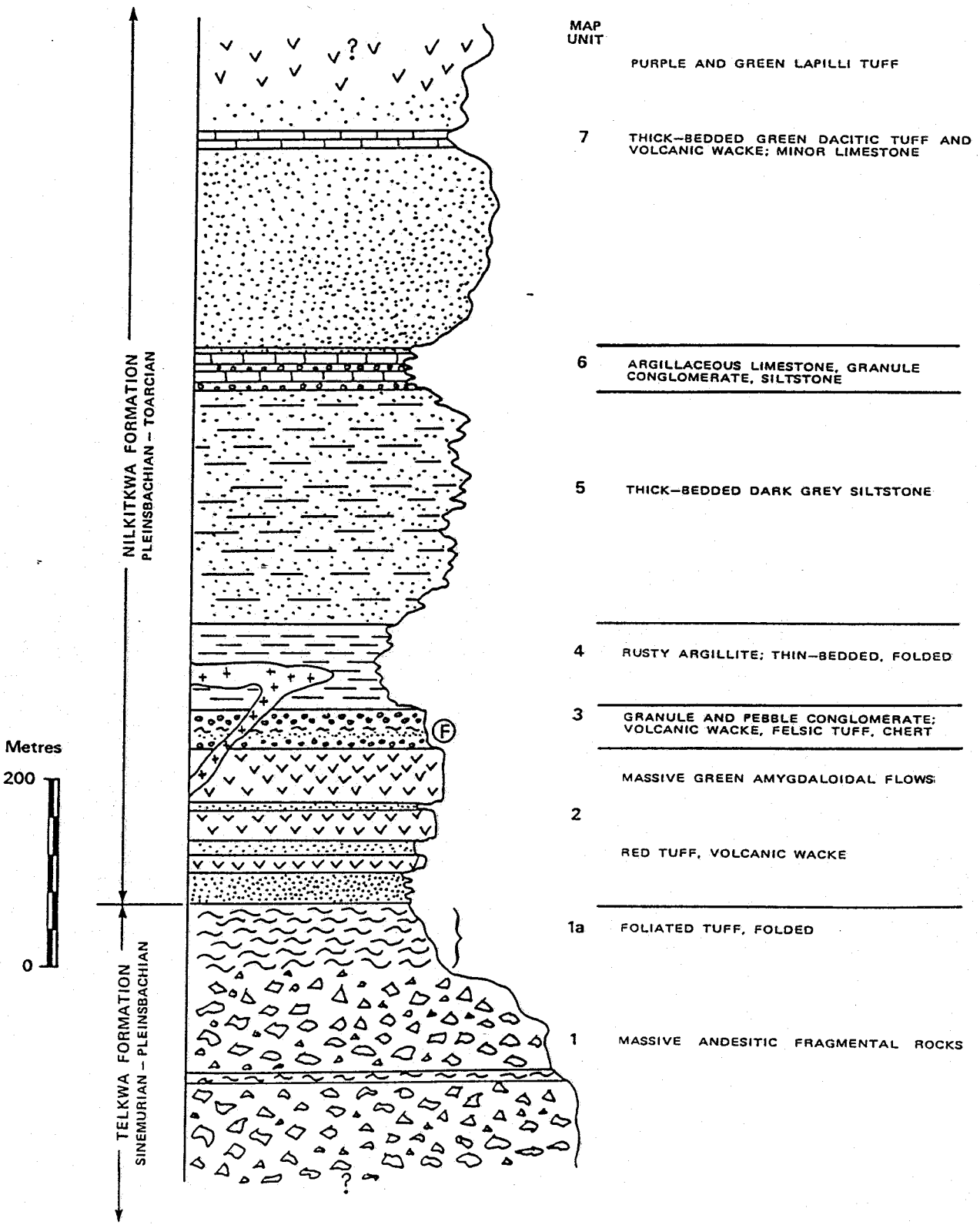
- 1 FRAGMENTAL VOLCANIC ROCKS, ANDESITE FLOWS
- 1a FOLIATED TUFF

SYMBOLS

- QUARTZ VEIN
- FAULT, BALL ON DOWNTHROWN SIDE
- PLUNGING ANTICLINE, SYNCLINE
- FOSSIL LOCALITY Ⓕ

PRELIMINARY STRATIGRAPHIC COLUMN
DOME MOUNTAIN

Figure 4b



The red volcaniclastic-green flow unit is probably the basal member of the Nilkitkwa Formation on Dome Mountain. It represents a period of exposure and erosion of the Telkwa Formation and deposition of subaerial pyroclastic rocks. This apparently was followed by marine transgression and deposition of green submarine basaltic flows.

Tipper and Richards (1976) describe a red tuff member of the Nilkitkwa Formation, which is lithologically similar to the basal part of the red volcaniclastic-green flow unit on Dome Mountain. However, this red tuff member is Toarcian in age and overlies a marine sedimentary unit of the Nilkitkwa Formation. If this relationship is correct, then the red volcaniclastic-green flow unit occurs lower down in the section and does not correlate with the red tuff member. Additional evidence supporting this conclusion is the fact that sedimentary rocks, that apparently overlie the red volcaniclastic-green flow unit near the Forks showing are reported to contain a Late Pliensbachian pelecypod (Myers, personal communication).

Volcanic wacke - conglomerate - felsic tuff unit (3)

A thin unit of brown to buff weathered volcanic wacke, siltstone, granule to pebble conglomerate and fine-grained felsic tuffs or flows overlies green amygdaloidal flows of the red volcaniclastic-green flow unit. The finer-grained clastic rocks typically have a slaty cleavage and contain small angular clasts in a silty matrix. As mentioned above, this unit contains poorly preserved Pliensbachian pelecypods. Adjacent to the Forks shaft on the south slope of Dome Mountain and the north bank of Fedral Creek, this unit is pervasively altered and has disseminated pyrite and broken quartz stringers suggestive of an early hydrothermal (exhalative) event.

Rusty argillite unit (4)

A recessive, poorly exposed unit of thin-bedded, rusty weathered silty argillite occupies a small depression between the main part of Dome Mountain and its southern spur. The unit typically has a well-developed slaty cleavage and tight small scale fold structures; it lacks carbonate and contains ubiquitous disseminated pyrite. Exploration companies have dug several bulldozer trenches across the unit near the crest of the Dome Mountain ridge but no significant economic mineral concentration has been discovered.

Thick-bedded siltstone unit (5)

Up to 300 meters of monotonous, medium to thick-bedded, dark grey siltstone overlies the rusty argillite unit. This unit, which is relatively resistant, forms the backbone of the south spur of Dome Mountain. The siltstone has a slaty cleavage in places. Lithologically similar rocks that crop out in Fedral Creek, below the Forks showing, are probably part of this unit.

Thin-bedded limestone-siltstone-wacke unit (6)

The thick-bedded siltstone unit grades up section into a relatively thin unit of well-bedded dark grey argillaceous limestone, limy siltstone, and wacke with lesser intercalations of pebble conglomerate and chert. These rocks crop out near

the southeast end of Dome Mountain ridge, and in the lower road cuts on the southwest slope above Marjorie Creek. The limestone beds weather in positive relief producing a ribbed appearance on weathered surfaces. Lithologically similar rocks crop out in the lower part of Fedral Creek. However, L'Orsa (1982) reports that these rocks contain a poorly preserved ammoniate that Tipper identified as probably Sinemurian in age. Therefore, correlation of these rocks with the Nilkitkwa Formation is suspect; they maybe a sedimentary member of the Telkwa Formation. A small outcrop of similar lithology occurs in the clear cut southeast of Dome Mountain.

Green thick-bedded volcaniclastic unit (7)

The south slope of Dome Mountain is underlain by massive, light green calcareous crystal tuff or volcanic wacke with rare intercalations of argillaceous limestone and shaly siltstone. The unit, which is estimated to be at least 500 metres thick, grades up section into a mixed assemblage of mauve, red, and green lithic, crystal and lapilli tuffs. These rocks may correlate with the red tuff member of the Nilkitkwa Formation. Tipper and Richards (1976) describe similar rocks in the upper part of the Nilkitkwa northeast of Dome Mountain. As far as is known, these are the youngest rocks in the Dome Mountain gold camp.

Several small elongate plugs or dykes of fine to medium-grained diorite or diabase intrude the Telkwa and Nilkitkwa Formations on Dome Mountain. The largest intrusion is exposed on the lower southeast slope, just south of Fedral Creek. These mafic-rich intrusions cause the prominent aeromagnetic anomaly that is centered on Dome Mountain. The dioritic intrusions are probably Jurassic in age and, therefore, members of the Topley intrusions. Outcrops of altered quartz porphyry and porphyritic quartz monzonite contain quartz vein stockworks that occur east of the Free Gold veins. These intrusive rocks were the target of porphyry copper exploration between 1967 and 1972.
(End of excerpt from MacIntyre, 1985).

2. 1987 HAWK SHOWING DIAMOND DRILLING

2.1 PREVIOUS EXPLORATION ACTIVITY

The Hawk showing consists of several, narrow (<0.50 metre), widely spaced, northwest striking, northeast dipping quartz-shattered pyrite veins. The veins are intermittently exposed by trenches and cuts located near a small creek approximately 200 metres north of the southwest corner of the Hawk M.C. L2888. Early (circa 1920) prospectors completed only minimal surface work by digging and blasting trenches and pits across the vein structures. In 1985, Noranda Exploration mapped and sampled the old trenches, completed additional trenching which exposed additional mineralization and completed initial soil geochemical B horizon sampling. Chip sampling of the quartz veins returned values of up to 0.257 oz/ton Au and 5.526 oz/ton Ag over 0.3 metres (Myers, 1986b). Diamond drilling in 1985 by Noranda Exploration confirmed the extension of the veins to a depth of about 30 metres but on assay, the mineralization returned generally disappointing results (Myers, 1985). The drill results are summarized on the next page.

TABLE THREE: 1987 HAWK SHOWING
DIAMOND DRILLING

TEESHIN RESOURCES LIMITED
DIAMOND DRILL SUMMARY
(SURFACE)

D.D.H. NO.	COORDINATE		AZIMUTH	DIP	LENGTH	COLLAR ELEVATION	DATE		TOTAL METRES	COMMENTS
	Latitude	Departure					Started	Finished		
RP-87-1	69236.75	51404.2	230	-45	79.24	1665.1	Sept 8,1987	Sept 9,1987	79.24	Hawk M.C. L2888
RP-87-2	69417.4	51374.5	090	-45	82.29	1631.5	Sept 9,1987	Sept 10,1987	161.53	Hawk M.C. L2888
RP-87-3	69419.4	51332.2	270	-45	97.53	1634.4	Sept 10,1987	Sept 10,1987	259.06	Hawk M.C. L2888
										Total: Hawk M.C. L2888
										259.06m/3 holes/NQ core

All of the drilling completed to date has confirmed the extension of the Hawk vein(s) mineralization to shallow (< 40 metres) depths. However, the drilling has failed to locate quartz-sulphide veins of sufficient, width continuity and grade for economic extraction at current prices. Further exploration should concentrate on locating more attractive targets away from the known mineralization.

3. 1987 JANE-CHISHOLM SHOWING DIAMOND DRILLING

3.1 PREVIOUS EXPLORATION ACTIVITY

The Jane vein is located on the southwest slope of Dome Mountain. The vein strikes 315°, dips steeply southwest to 50° northeast, varies in width from 0.1 to 1.0 metre and has been traced by outcrop, trenches and old workings over a strike length of roughly 440 metres. Foliated andesite tuffs of the Telkwa Formation are the host rock.

In 1924, the Dome Mountain Mining Company drove a 76 metre long drift (Snowdrop Tunnel) from the southeast corner of the Snowdrop claim. Beavan (1950) reports the following underground results:

LENGTH	WIDTH	Au (oz/ton)	Ag (oz/ton)
15.2m	0.61m	0.134	4.40
21.3m	-	Low values	Low values
36.6m	0.88m	0.24	0.65

Approximately 250 metres to the southeast, a 9.1 metre deep exploration shaft (Chisholm shaft) was sunk on the projected strike extension of the Jane vein. High grade quartz-pyrite-chalcopyrite mineralization was intersected and a hand sorted 15 ton sample grading approximately 2.50 oz/ton Au was shipped (Myers, 1984a).

In 1985, Noranda Exploration completed a geological and geochemical reconnaissance of the area and succeeded in duplicating the high assays reported by Beavan (1950) and Hilchey (1963). Grab samples from the Jane vein returned up to 1.244 oz/ton Au and 4.67 oz/ton Ag; grab samples from the Chisholm shaft assayed up to 7.096 oz/ton Au and 10.54 oz/ton Ag. Chip samples were substantially lower - 0.239 oz/ton Au over 0.1 metre at the Chisholm shaft (Myers, 1986a). The 1985 work also identified a parallel zone, 110 metres east of the Jane-Chisholm, and striking northwest (directly to the Hoopes showing), dipping steeply southwest to northeast. The parallel zone consists of a discontinuous quartz-pyrite-chalcopyrite vein hosted in very schistose, crenulated andesite tuff. The zone has been traced by outcrop and old trenches over a strike length of roughly 230 metres. Results of the 1985 sampling are tabulated on the next page.

REFERENCES

Beavan, A.P., 1950. Report on Ingray Yellowknife Mines Limited Property on Dome Mountain. pp 7.

Hilchey, G.R., 1963. Dome Mountain Gold Property, Telkwa, British Columbia, Vancouver, B.C. pp 6.

MacIntyre, D.G., 1985. Geology of the Dome Mountain Gold Camp: Geological Fieldwork 1984, paper 85-1, British Columbia Ministry of Energy, Mines and Petroleum Resources. pp 193-213.

Myers, D., 1984a. Coswan-L'Orsa-McGowan Option, Dome Mountain. Unpublished Noranda Exploration Report. pp 30.

Myers, D., 1985. Report on Diamond Drilling, Dome Mountain. Unpublished Noranda Exploration Report.

Myers, D., 1986a. Report on Geology, Geophysics, Geochemistry and Trenching. Dome Mountain. Unpublished Noranda Exploration Report.

Myers, D., 1986b. Assessment Report. Diamond Drilling on the Dome Mountain Property (Grizzly, Hawk, Porcupine and Snowdrop Claims). Unpublished Noranda Exploration Report.

Tipper, H.W. and Richards, T.A., 1986. Jurassic Stratigraphy and History of North-central British Columbia, Geological Survey of Canada, Bulletin 270. pp73.

STATEMENT OF QUALIFICATIONS

KOOS H. SCHIPPERS

ADDRESS: 366 Bay Street, Apt. 2406, Toronto, Ont.
TELEPHONE: (416) 979-0858
EDUCATION: Haileybury School of Mines
Mining Technologist (3 year program)
Graduated June, 1969

South Dakota School of Mines
B.S. Geological Engineer
Graduated June, 1972.

CAREER EXPERIENCE

BELMORAL MINES LTD., Toronto, Ont. Responsible for the planning and implementation of a $15 million underground exploration program at Vedron with ramp access, a $15 million underground exploration program at Broulan with shaft access and a $3 million production and exploration program at Canreos.

April 1987 - March 1988 Vice President, Ontario Operations

ALASKA APOLLO GOLD MINES LIMITED, Vancouver, B.C., Evaluation of the Apollo Gold Mine, a former gold producer (1886-1906) on Unga Island of the Aleutian Island chain, Alaska. Supervision of all the logistical and technical operations required for the dewatering, rehabilitation and sampling of the old mine workings accessed by three shafts and 2 adits. Planning and supervision of a 2,000 feet diamond drilling program utilizing both bulldozer and helicopter support for two drill rigs. The Apollo project is supported by an on-site 20 man remote camp on an island accessed only by boat or light aircraft.

Completed a bulk sample evaluation of a 20 million yard alluvial placer evaluation of a 5 million yard stream channel placer in Arizona. Planned, budgeted and supervised the sampling program completing the program within budget and on schedule. In order to predict production rates and recoveries achievable, designed and constructed a pilot plant capable of processing 7-8 cubic yards of gravel per hour. The plant utilized a small scale production equipment consisting of hopper, control feeder, washing plant, ringer spiral concentrator, a Knelson centrifugal concentrator and sluices.

Evaluate properties submitted to the company and assist the president in acquisition negotiations.

Prepare reports and operating budgets for SEC filing requirements and corporate planning.

Feb.1982 - Feb. 1987 Vice-President Operation
and Project Manager

ASSAYING - DRILL CORE

Hole No.	Claim	No. of Samples/Cost	Total
RP-87-01	Hawk M.C. (DNG)	-	
RP-87-02	Hawk M.C. (DNG)	05/Au,Ag $10.50 + $3.75 prep.	$ 71.25
RP-87-03	Hawk M.C. (DNG)	03/Au,Ag $10.50 + $3.75 prep.	42.75
RP-87-04	No. 5 M.C. (DNG)	08/Au,Ag $10.50 + $3.75 prep.	114.00
RP-87-05	No. 5 M.C. (DNG)	02/Au,Ag $10.50 + $3,75 prep.	28.50
RP-87-06	No. 6 M.C. (FKG)	05/Au,Ag $10.50 + $3.75 prep.	71.25
RP-87-07	No. 6 M.C. (FKG)	02/Au,Ag $10.50 + $3.75 prep.	28.50
RP-87-08	Porcupine M.C. (DNG)	02/Au,Ag $10.50 + $3.75 prep.	28.50
RP-87-09	Porcupine M.C. (DNG)	22/Au,Ag $10.50 + $3.75 prep.	313.50
RP-87-10	Porcupine M.C. (DNG)	07/Au,Ag $10.50 + $3.75 prep.	99.75
RP-87-11	Porcupine M.C. (DNG)	41/Au,Ag $10.50 + $3.75 prep.	584.25
RP-87-12	Porcupine M.C. (DNG)	42/Au,Ag $10.50 + $3.75 prep.	598.50
RP-87-13	Porcupine M.C. (DNG)	15/Au,Ag $10.50 + $3.75 prep.	213.75
RP-87-14	Porcupine M.C. (DNG)	33/Au,Ag $10.50 + $3.75 prep.	470.25

(DNG): Dome North Group

(FKG): Forks Group

Subtotal assaying Dome North Group	$2,565.00
Subtotal assaying Forks Group	99.75
Total assaying	$2,664.75

.mpd/dome/mar88rpt

DIAMOND DRILLING

Total metres NQ core: 1,123.60m

Total metres core on DNG: 1.019.97m (91%)

Total metres core on FKG: 103.63m (9%)

Total diamond drilling cost $82.02/metre plus related costs * $2,334.00 (Fuel, Oil etc.)	$94,491.67
Apportioned to Dome North Group 91% X	$85,987.42
Apportioned to Forks Group 9% X	$ 8,504.25

*Related Costs

Sept. 13	18.4m NW Casing and Shoe	$1,394.00
Sept. 16-18	Fuel, oil, parts	$ 845.00
Sept. 23	Fuel	$ 95.00
		$2,334.00

.mpd/dome/mar88rpt

CORE LOGGING AND STORAGE FACILITY

J.T. Thomas Enterprises Ltd. Fulton Avenue Warehouse, Smithers, British Columbia $2,000.00/month Sept. 01-30, 1987	$ 2,000.00
Apportioned to Dome North Group (91%)	$ 1,820.00
Apportioned to Forks Group (9%)	$ 180.00

Total Amount Apportioned to Dome North Group	$ 16,334.50
	1,729.00
	2,565.00
	85,987.42
	1,820.00
	$108,435.92

Total Amount Apportioned to Forks Group	$ 1,615.50
	171.00
	99.75
	8,504.25
	180.00
	$ 10,570.50

Total 1987 'RP' Series Drilling Expenditures	$119,006.42

Appendix 1

Diamond Drill Hole Logs

Hole Number: RP-87-1
Lat:
Dep:
Elev: 1665.1 m
Bearing: 230 Degrees
Dip: -45 Degrees
Depth: 79.26 m
Date: Sept. 10, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0-3.45	casing				
3.45- EOH 79.26	-unevenly altered maroon andesite tuff & pyroclastic porphyroclusts up to 30 cm dia. -zones & brecciated to sheared material comprehending minor zones of mineralized Qz. vein (Py>Gal>Sph>Cpy)				
-11.89	-1 cm thick mineralized Qv vein, folded c 5% sulf. (80% Py)		11.69-11.94		
11.89-15.45	-0.5 & 1.0 cm mineralized Qz. vein c Py 5%, Ga 1-2%				
15.85-15.90	-1.5 cm mineralized Qz. vein, folded c 15% sulf (90% Py 8% Ga 2 sph.) diss. sulf. min. in footwall matrix marroon clasts in green ? chlorilized matrix				
-16.38	-1.0 cm thick min. qz. vein folded c 20% sulf. (Py)				
-20.93	-1.0 cm thick min. qz. v c 50% sulf. (80% Py, 10% Sph, 10% G)				
21.15-21.36	Brecciated zone fault gauge no min. associated				
22.69-22.76	-num. thick min. qz. veinlet & diss. sulf. min. in matrix (1%) green chloritized matrix red clasts				

Hole Number: RP-87-1
Lat:
Dep:
Elev: 1665.1 m
Bearing: 230 Degrees
Dip: -45 Degrees
Depth: 79.26 m
Date: Sept. 10, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
23.89-24.50	Bleached zone (ie. sericite content NE towards gouge zone @ 24.51 disseminated sulf. vein within matrix (1.2%) sericite schist				
24.50-24.67	Fault gouge				
24.67-25.57	Breccia zone c numerous qz. carb veinlets				
25.57-26.48	Fault gouge & brecciated sericitic schist (bleached zone) Dissem. sulf.				
26.48-27.27	strongly shistosed material c dissem. sulf.		(		
27.27-27.67	-Mineralized zone c 5 1% 3cm thick qz. veinlets with up to 60% sulf. (90% Py 5% Cpy % Spl & Gal) = Breccia		((26.95-27.20 (27.20-27.45 (27.45-27.70 ((		
27.67-28.96	-Fine grain, chlorite, sericite sheared material, dissem. sulf. 2-3%				
28.96-28.98	-Min. qz. vein 10% sulf. (95% Py)				
28.98-39.70	-Fine grian chlorite sericite, hematite slightly foliated material with minor mineralized qz. veinlet (NE 0.5 cm)				
39.70-39.90	sheared zone (ductile)				
39.90-42.66	-fine grained tufaceous material				

Hole Number: RP-87-1
Lat:
Dep:
Elev: 1665.1 m
Bearing: 230 Degrees
Dip: -45 Degrees
Depth: 79.26 m
Date: Sept. 10, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
42.66-42.67	-fault				
42.67-43.12	-fine grained tufaceous material				
43.12-54.50	-pyroclastic large clasts up to 30 cm				
-43.80	-20 cm of foliated breccia zone				
-48.98	-2 cm thick min. qz. vein 8 cm bleached hang. wall with dissem. sulf.				
54.50-55.60	-fine grain chlosite sericite foliated material				
-55.10	-2 to 3 cm thick miner. shear with assoc. tension ? c approx. 10% sulf. @ 65 degrees to core axis				
-55.21	-3 cm thick miner. shear (approx. 20% sulf) @ 20% to core axis				
55.60-EOH	-allienated fine to coarse clasts tufaceous ?				
-60.20	-2 cm thick min. qz. v				
64.50-64.68	-Breccia zone				
-68.10	-2 cm thick min. qz. v				
-69.62	-2 cm thick min. qz. v				
71.85-72.00	-Miner. zone 70% recov. c 60% sulf	71.75-72.00			

Hole Number: RP-87-1
Lat:
Dep:
Elev: 1665.1 m
Bearing: 230 Degrees
Dip: -45 Degrees
Depth: 79.26 m
Date: Sept. 10, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-72.80	-Breccia zone sealed with qz. carbon vein				
74.62-76.67	-5 cm thick miner. qz. vein				

EOH

Hole Number: RP-87-2
Lat:
Dep:
Elev: 1631.5 m
Bearing: 90 Degrees
Dip: -45 Degrees
Depth: 82.30 m
Date:

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0-3.66	-casing				
3.66-6.10	-OB				
6.10-6.80	-broken pieces				
6.80-7.10	-Brecciated mr ? and tuf.				
7.10-15.24	-gr. and tuf. c clasts up to 5 cm diameter				
15.24-18.45	-sheared gr. and tuf. shisto 30 decrease CA min. zone with 1 cm thick qz. vein from 15.24 to 15.69 sulf. seams within sericite matrix no qz. vein (Py, Cpy, Sph)	38871	(15.24-15.68=0.45)	.003	
18.45-19.80	-min. and tuf. strongly schistosed 20 decrease CA				
19.80-21.77	-gr. and tuf. fine grain strongly schis. 21.77 suff seam 2 cm thick/no. qz./27 degrees CA	38872	21.66-21.91=0.25	.065	
21.77-25.50	-progreressive change from green to mr. and tuff				
25.50-29.85	-mr. and tuff medium grain strongly schis. 25 degrees CA				

Hole Number: RP-87-2
Lat:
Dep:
Elev: 1631.5 m
Bearing: 90 Degrees
Dip: -45 Degrees
Depth: 82.30 m
Date:

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
29.85-31.43	-green and tuff fine grain				
31.43-31.53	-qz. vein miner. c 15-20% sulf & sulf. seams in wall rocks	38873	31.37-31.72=0.60	.013	
31.53-33.00	-progressive change from gr. to red and tuff. ? grain				
33.00-41.00	-mr. and tuff. medium to coarse grain				
41.00-46.20	-gr. and tuff. red clasts sparce minor veining				
46.20-46.40	-fault gouge unmineralized				
46.40-47.83	-gr. mr. and tuf. fine grain				
47.83-47.88	-5 cm fault gouge				
47.88-48.20	-gr. mr. and tuf. fine grain slight brecciat				
48.20-48.30	-Qv. vein. 1 cm. thick 40 degrees CA				
48.30-52.05	-gr and tuff sparce red closts 2-3 cm dia.				
52.05-52.40	-Breccia zone 60 degrees CA				
52.40-53.50	-gr. and tuff sparce red clasts				

Hole Number: RP-87-2
Lat:
Dep:
Elev: 1631.5 m
Bearing: 90 Degrees
Dip: -45 Degrees
Depth: 82.30 m
Date:

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
53.50-54.20	-Qv. vein miner. parallel CA Cpy, SPh, Py	38874	53.50-54.40=0.90	.037	
54.20-56.53	-Gr. and Tuf scarce red clasts				
56.53-59.35	-grey to marron lap. tuff coarse clasts schistosed 25 degrees CA, minor min. qz. vein				
59.35-63.36	grey to maroon And. tuff. coarse grain qz. carb				
63.36-65.30	bleached zone, minor qz. veins with sulf. and dissim. sulfide in matrix (sericite) =shear zone				
65.30-67.81	green/grey And. tuff. med. grain strongly shistosed (30 degrees CA) minor min. veining				
67.81-68.86	-bleached zone around fault, fault gouge @ 68.23,68.85 in mr. andesitic Tuff				
68.86-69.30	-mr. andisite tuff. slightly bleached				
69.30-69.61	-bleached zone min. (Cp, Py, Ga)	38875	69.33-69.63=0.30	.407	

Hole Number: RP-87-2
Lat:
Dep:
Elev: 1631.5 m
Bearing: 90 Degrees
Dip: -45 Degrees
Depth: 82.30 m
Date:

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
69.61-73.24	-green-marroon (patched) and aggl. clasts up to 5 cm dia. brecciated clasts wraped with qz. carb. veining				
73.24-73.80	-bleached clasts wrapped with qv. carb. veining, around Qz. carb. vein barren				
73.80-82.29	-green marron and aggl. clasts up to 5 cm brecc.				

EOH

Hole Number: RP-87-3
Lat:
Dep:
Elev: 1634.4 m
Bearing: 270 Degrees
Dip: -45 Degrees
Depth: 76.20 m
Date: Sept. 15, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0- 3.66	-casing				
3.66-4.90	-OB				
4.90-7.60	-Gr. and tuff. weak brecc.				
7.60-10.87	-grey Dac. lap. tuff.				
10.87-27.73	-gr. mar. and tuff medium grain heter-ogeneously sheared or altered				
12.80-13.10	-Qz. vein (2) app. 5 cm thick 85 degrees CA mineralized (Py, Sph + diss. sulf in wall rock schisto 85 degrees CA	38876	12.80-13.20=0.40		
27.73-31.10	-contact above (mr A) with green agglomerate clasts up to 5 cm dia. brecciated contact 75 degrees CA				
31.10-37.33	-contact above (75 degrees CA) with gr. and aggl. red clasts, scarce				
31.75-31.95	-Qz. vein mineralized with Py, Cpy, Spy	38877	31.75-32.00=0.75		
37.23-69.70	-contact above (60 degrees CA) with mr. gr. and tuff.				

Hole Number: RP-87-3
Lat:
Dep:
Elev: 1634.4 m
Bearing: 270 Degrees
Dip: -45 Degrees
Depth: 76.20 m
Date: Sept. 15, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
37.60-37.80	-breccia zone miner. (Cpy, Py, Spl)		37.50-37.85=0.35		
60.00-60.60	-bleached zone				
60.60-60.66	-Qz. vein miner.	38878	60.60-60.85=0.25		
69.70-70.25	-shear zone 50 deg. CA				
70.25-72.60	-contact above (60 degrees CA) throughout qz. vein (1% Py, Cpy) with sheared gr. and brecciated agglomerate green clasts up to 10 cm diameter				
72.60-73.65	-contact above (35 degrees CA) though carb. vein with mr. and. tuff medium grain				
73.65-75.60	-contact above (40 degrees CA) comformable with green and. tuff fine grain- large red clasts (5 cm dia.) towards EOH				
75.60-85.75	-gradual contact above with mr, gr,(slightly altered) and aggl.				
85.75-97.53	-gradual contact with green and. aggl. red clasts up to 10 cm. dia.				

EOH

Hole Number: RP-87-4
Lat:
Dep:
Elev: 1477.4 m
Bearing: 225 Degrees
Dip: -45 Degrees
Depth: 91.46 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0-3.06	casing				
3.06-3.76	OB 70% recovery				
3.76-14.20	unaltered mr. aggl. with minor qz. carb. veining no min. assoc.				
14.20-14.76	bleached zone=alt halo around fault @ 14.50 mineralized, 20% recovery				
14.76-18.76	-unalt. mr. aggl. with fault (weak alt. halo) @ 17.75 m approx. 70 degrees CA				
18.76-20.70	large shear zone with bleached alt. halo mineralized, qz. chl. veinig min. sulf. (approx. 5% c 90% Py carb 10% CPy) and diss. sulfides in schistosed matrix shisto 80 degrees to CA. -18.91-18.96 min. qz vein folded c 10% sulf. -19.26-19.28 fault 10% recovery -19.52-19.61 folded min. qx. vein	38851 38852 38853 38854	18.70-18.95=0.25 18.95-19.45=0.50 19.45-20.10=0.65 20.10-20.50=0.60	.111 .009 .088 .010	.17 .06 .20 .03
20.70-21.89	unalt. undef. mar. aggl.				

Hole Number: RP-87-4
Lat:
Dep:
Elev: 1477.4 m
Bearing: 275 Degrees
Dip: -45 Degrees
Depth: 91.46 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
21.89-22.59	alt. halo (green) around unmin. qx. carb. vein 20 degrees CA				
22.59-31.00	unalt. brecciated mr. agg. sealed with carb. veinlets				
31.00-31.25	carb. vein unmin. 10 degrees CA				
31.25-33.00	unalt. mr. aggl. brecciated with carb. veining				
33.00-33.40	fault subparallel to CA (N65 fault ?)				
33.40-36.90	unalt. deformed mr. aggl. fault sub-parallel CA (10 degrees from 24.30-25.30)				
36.90-38.00	alt. (green) tuff-aceous material, shear zone + Qz. min, Qz. carb vein @ 3700 45 degrees CA				
38.00-39.43	slightly alt. tuff/ aggl. (red clusts in green matrix)				
39.43-40.46	green and tuff c red clasts = APT halo hangingwall of 20 cm Qz vein bleached rusty remnants (SphX)	38855	40.05-40.65	Tr.	.01

Hole Number: RP-87-4
Lat:
Dep:
Elev: 1477.4 m
Bearing: 275 Degrees
Dip: -45 Degrees
Depth: 91.46 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-40.10	1.5 cm thick Qz. vein barren (SphX)				
-40.20	3.0 cm thick Qz. vein barren				
-40.40	1 cm thick Qz. vein barren				
40.46-40.63	17 cm thick Qz. carb vein < 1% sulf.				
40.63-43.65	unalt undef. min and tuff/aggl. c barren qz. carb vein @ 41.16				
43.65-45.50	slightly alter. (= green matrix, red clasts) Tuff-agglomerate				
45.50-64.70	unalt. undeformed mr. and tuff/agglo. clasts up to 20 cm dia.				
-48.77	1.5 cm qz. carb vein barren 90 degrees CA		48.77-49.52		
-48.92	2.0 cm qz. carb vein barren 90 degrees CA				
49.03-49.11	? 10 cm thick Qz carb vein barren 85 degrees CA				
49.25-49.45	Qz. carb vein barren sub parallet to CA chlorite				

Hole Number: RP-87-4
Lat:
Dep:
Elev: 1477.4 m
Bearing: 275 Degrees
Dip: -45 Degrees
Depth: 91.46 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-52.60	Qz. carb vein barren 3 cm thick 60 degrees CA				
64.70-65.00	Apt. Halo (green) hangingwall of bleach zone				
65.00-67.05	Bleach zone, 60% recovery, mineralized with Py>Sph>Gal>Cpy	38856	64.32-65.17=0.75	.103	.08
-65.05	Min. Qz vein, 1.5 cm thick, 10% sulf. (5% Py/Cpy 5% Spy) 55 degrees CA				
-65.15	mineralized shear zone		38857	65.58-66.33.007	.08
	c qx. vein with 20% sulf (Py, Cpy, Sph, Gal) shisto 50 degrees CA		80 cm (+ inc. F. gauge)		
65.17-65.58	Fault gouge no recovery				
65.58-66.03	Bleach fine grain Tuff. with 5-10% diss. sulf. (Gal>Sph>Py)				
66.03-66.15	mineralized zone = min. Qz. vein with Cpy + Py + Sph + Ga, 55 degrees CA				
66.15-66.31	bleached altered with green mica				
-66.31	3 cm thick min. qz. vein approx. 2% Py, Cpy				
66.32-66.56	altered diorite dyke or porphyry				

Hole Number: RP-87-4
Lat:
Dep:
Elev: 1477.4 m
Bearing: 275 Degrees
Dip: -45 Degrees
Depth: 91.46 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
66.56-66.69	Qz. vein barren	38858	66.61-66.86=0.25	Tr.	.03
66.59-67.00	bleach zone, devoid of sulf.				
67.00	green and tuff fine grain				
68.80-69.50	fault zone shisto 18 degrees CA				
69.66-91.44	mr. and aggle. clasts up to 30 cm in dia. brecciated with qz. carb. veinlets				

EOH

Hole Number: RP-87-5
Lat:
Dep:
Elev: 1483.2 m
Bearing: 225 Degrees
Dip: -45 Degrees
Depth: 60.84 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0-3.65	casing				
3.65-4.50	no recovery				
4.50-9.14	fault zone in Lap. Tuff mr. with green alt. Halo around single faults @ 10-15 degrees CA				
9.14-13.32	mr. Lap Tuff minor Qz. carb veinlets deformed				
13.32-15.35	fault zone bleached rusty gouge 40 cm wide faults @ 15-20 degrees CA				
15.35-28.75	mr. Aud. Tuff clasts up to 20 cm dia. little to no alt. (green) zones				
28.75-29.60	gr. tuff. material fine grain chl. sericite schist chlorite veinlets + Qz. carb. veinlets, no visible sulf.	38859	29.55-29.95=40 cm	Tr.	Tr.
29.60-32.45	Breccia zone with stong Qz. carb. veining mineralized c 20-30% sulf with (Cpy>Py>Sph>GaP)				
29.60-29.73	4 cm thick Qz. carb vein with Py, Cpy min. 25 degrees CA				

Hole Number: RP-87-5
Lat:
Dep:
Elev: 1483.2 m
Bearing: 225 Degrees
Dip: -45 Degrees
Depth: 60.84 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
29.73-30.05	Brecciated fine grain Tuff. scaled with chlorite veinlets minor suff seams				
30.05-30.75	Brecciated altered (bleached) and./aggl. with large clasts sealed with chlorite veinlets + minor Qz. carb. veinlets, no visible sulf.				
30.75-30.94 cm	mineralized becciated .193 qz. vein (70 degrees CA) approx. 10% CPy & 5% Py & 50% Chlorite	.29	38860	30.75-32.15=140	
30.94-31.15	Bleached and./agg. w 20-30% cubic Py				
31.15-32.15	mineralized zone = brecciated Qz. vein with 25-30% sulf. (Cpy-Py-Sph) schisto faulting @ 45-50 degrees CA				
32.15-60.84	mineralized zone, unaltered undeformed mr. And. Tuff/Agg. getting slightly more altered towards EOH (red clasts in green matrix)				

EOH

Hole Number: RP-87-6
Lat:
Dep:
Elev: 1496.5 m
Bearing: 225 Degrees
Dip: -45 Degrees
Depth: 76.70 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0-3.05	casing				
3.05-3.82	OB				
3.82-7.00	crenulated mr. and tuff./agg.				
7.00-7.63	bleached fault, no visible sulf.				
7.63-7.90	missing-no recovery				
7.90-16.87	credulated mr. & tuff. clasts up to 10 cm dia. crenule perpendicular CA, crenulated fol. sub-parallel CA = fold nose				
16.87-	Cr. lapill. contact w above @ 45 degrees CA, chl. ser.				
17.33-17.40	Brecciated Qz. vein w. 30-40% sulf. (Py, Cpy,Sph) 60 degrees CA	38861	17.33-17.58=0.25	.59	
17.40-17.74	Grey lapil. tuff				
17.74-18.60	Green lapil. tuff				
18.60-18.70	7 cm thck min. Qz. vein with 40% Py Cpy mainly cub.	38862	18.55-18.80=0.25	.003	
18.70-19.33	mr. lap. tuff. crenulated minor dimen. sulf. layering parallel to CA				

Hole Number: RP-87-6
Lat:
Dep:
Elev: 1496.5 m
Bearing: 225 Degrees
Dip: -45 Degrees
Depth: 76.70 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
19.24-19.37	Qz. carb vein & chl. subparallel to CA (folded)	38863	19.22-19.67=0.25	Tr.	
19.37-21.15	Green-grey lapill tuff. & min. Qz. vein parallel CA between 20.11 & 20.30				
-21.15	contact lap. mr. and. tuff. @ 20% CA				
21.15-27.00	coarse clasts diminishing size towards EOH, intercaluation grey lapilli with fine grain seds. ? constituting red matrix				
27.00-36.20	grey lapilli tuff. minor qz. carb. veinlet				
36.20-	entering alteration Halo to qz.-chlorite vein in schistose green matrix, schisto @ 75 % to CA				
36.40-36.75	qz. chl. vein unmineralized parallel contact perpendicular to CA				
37.10-37.75	Qx. chl vein unmineralized 70 degrees to CA				
37.75-38.00	End of alt. halo				

Hole Number: RP-87-6
Lat:
Dep:
Elev: 1496.5 m
Bearing: 225 Degrees
Dip: -45 Degrees
Depth: 76.70 m
Date: Sept. 12, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
38.00-57.00	grey lapilli tuff. (mr. and. tuff) no large clasts slight brecciation sealed w qz.-carb veining				
57.00-57.91	fault & fault gouge no strong alt. halto unmineralized approx. 5-10 degrees CA				
57.91-76.20	mr. and. tuff with green alt. halo around small mineralized qz. vein @ 63.67 (1 cm wide) and 69.07 (1.5 cm) vein	38864 38865	63.61-63.86=0.25 68.95-69.20	.01 .001	

EOH

Hole Number: RP-87-7
Lat:
Dep:
Elev: 1498.2 m
Bearing: 225 Degrees
Dip: -45 Degrees
Depth: 27.43 m
Date: Sept. 13, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0-3.16	OB				
3.16-11.79	mr. and. tuff. med. grain slightly brecciated				
11.79-12.09	qz. vein 3 cm thick 85 degrees CA unmin. + green alt. halo finely schistosed				
12.09-17.90	mr. and. tuff. med. grain slight breccia				
17.90-18.03	shear zone, diss. sulfides (1-2%) schisto 70 degrees CA				
18.03-23.15	crenulated and. tuff slight breccia marroon				
23.15-23.53	entering alt. halo mineralized vein = gr. and. tuff. med. grain, crenulated				
23.53-23.96	mineralized zone Qz. v breccia c 10-15% sulf. (Py, Cpy, Sph) 55 degrees CA	38866	23.53-23.98=0.40 m	.265	
23.98-24-25	green alt. Halo and Tuff. med. grain crenulated c diss. sulf	38867	23.93-24.25=0.25	.016	
24.25-27.43	unaltered mr. and tuff. medium grain, crenulated				

EOH

/usr/wp/files/teeshin/dome/drillog-rp1-14

Hole Number: RP-87-8
Lat:
Dep:
Elev: 1469.8 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 33.55 m
Date: Sept. 13, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0-9.76	OB				
9.76-12.10	mr. and tuff. med. grain minor alt. halo around Qz. chl. veinlet @ 0.90				
12.10-	entering alt. halo of shear zone around min. ? qz. v c 20% sulf (Py, CPy, Gal,Sph)				
12.50-12.90	breccia zone				
12.90-13.80	shear zone @ 30 degress CA dissem sulf. 60% recovery				
13.80-14.50	shisto chl. ser. dissem. sulf. schisto @ 50 degrees CA				
14.50-15.50	Qz. vein mineralized with 20% sulf., c Py, Spy. Cpy (Gal2)	3886	16.50-15.50=1.00 m	.015	
15.50-17.83	gr. and. tuf. alt. fine grain (schisto) minor Qz. carb veining, little - no visibility sulf.				
17.83-18.50	mineralized qz. vein c 15-20% sulf. (Cpy, Py, Spy, Ca?)	38869	17.83-18.50=0.67 m	.009	
18.50-18.80	Gr. and Dac. lap, tuff medium grain - end of alt. Halo				

Hole Number: RP-87-8
Lat:
Dep:
Elev: 1469.8 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 33.55 m
Date: Sept. 13, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
19.80-25.15	mr. gr. and.lap. tuff. slightly alt. (green patties)				
25.15-25.35	fault @ 10% CA				
25.35-29.50	mr. lapilli tuff. slightly brecciated				
29.50-	gr. lapilli tuff. slightly brecciated, alt. Halo around fault				
30.35-30.70	Fault approx. 60 degrees CA				
30.70-32.40	gr. lapill. tuff. slight brecciat				
32.40-32.95	1 cm thick qz. vein mineralized parallel to CA				
32.95-33.55	gr. lap. tuff. fine grain slight brecciat				

EOH

Hole Number: RP-87-9
Lat:
Dep:
Elev: 1468.9 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 109.72 m
Date: Sept. 16, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0-9.14	casing				
9.58-11.20	gr. lap. tuff. 80% recovery				
11.12-13.70	mr. lap. tuff fault @ 13.30				
13.70-	gr. mr. lap tuff slight alt. brecciat				
35.52-36.22	qz. vein mineralized in breccia zone folded vein 4 cm 15 degrees CA to parallel CA 3-5% sulf.	38870	35.62-36.22=0.60	Tr.	
36.22-38.00	gr. lap. strongly schistosed shisto 25 degrees CA, barren qz. parallel CA from 37.0-37.50				
38.00-40.43	mr. lap tuff slight brecciat slight alt.				
40.43-41.40	gr. lap. tuff=alt. Halo around 0.5 (40.59) of 1.0 (40.80)m thick Qz. vein with Py= Chl approx. 20%				
41.40-	gr. mr. lap. tuff slight alt. of brecc. to EOH				
46.80-47.35	qz. vein minor sulf. 0.5-1.5 cm thick parallel CA				

Hole Number: RP-87-9
Lat:
Dep:
Elev: 1468.9 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 109.72 m
Date: Sept. 16, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
51.90-52.38	1 cm thick qz. vein minor sulf. 5 degrees CA				
54.58-54.82	1.5 cm thick qz. vein minor sulf 15 degrees CA				
57.53-60.96	1 cm thick qz. vein mineralixed 20-30% sulf, 65 degrees CA				
60.94-64.25	gr. and. tuff. fine grain (few red patches), 2% dissem. sulfides medium brecciation				
64.25-64.70	fault gouge & breccia				
64.70-65.80	gr. and. tuff. fine grain (few red patches), 2% dissem. sulfides medium brecciation and strong brecciation sealed to qz. carb veilets				
65.80-66.70	fault and strong brecciat				
66.70-69.70	gr. and. tuff. medium grain with parallel veining closely spaced (75 degrees CA) 2-3% dissem. sulf.				
69.70-70.35	schisto intensity NE+Qz. carb mineralized Py, Cpy, Chl parallel CA in gr. and. tuff. (chlorite schisto)	38879	69.35-70.005=0.70	.005	Tr.

Hole Number: RP-87-9
Lat:
Dep:
Elev: 1468.9 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 109.72 m
Date: Sept. 16, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
70.35-70.56	credulated schisto around barren Qz. carb. vein parallel CA				
70.56-70.74	mineralized zone qz. vein @ 45 degrees CA, 10 cm thick with Py, Cpy, Sph. (40% sulf. 50% Qz. 10% Chl) increase in dissem. sulf. in wallrock	38880	70.05-71.05=1.00 m	.036	.044
70.74-73.05	gr. and. tuff. with 15-20% dissem. sulf. + shetta? work (brecciated) a miner. qz. vein 0.5-1.0 cm thick folded average @ 40 degrees CA	38881 38882	71.05-72.05=1.00 m 72.05-73.05=1.00 m	.004 .017	Tr. .82
73.05-73.85	80 cm thick qz. vein strong mineralization, seams of massive sulf. (average 40% sulf. Cpy>Spy>Py) 80 degrees CA	38883	73.05-74.05=1.00 m	.025	.79
73.85-75.45	gr. and. tuff. diss. sulf. schisto perpen-dicular Ca	38884	74.05-75.05=1.00 m	.006	Tr.
75.45-76.30	brecciat zone bottom 10 cm mineralized with Py, Cpy				
76.30-81.15	gr. and tuff/aggl. with red clasts 1% dissem. sulf. and 0.5-1.0 cm miner. qz. veining slight brecciat	38885 38886	77.18-77.82=0.7 m 78.95-79.20=0.25 m	.001 .002	Tr. Tr.

Hole Number: RP-87-9
Lat:
Dep:
Elev: 1468.9 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 109.72 m
Date: Sept. 16, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
81.15-81.75	mineralized Qz. vein parallel to Ca 1-2cm thick folded, up to 20 cm at nose	38887	81.15-81.75=0.60 m	.013	.29
81.75-82.60	gr.grey and. Tuff. small veining				
82.60-82.90	Fault 20% CA + 0.5 cm thick min. Qz. vein				
82.90-87.50	dacitic Tuff. med. grain, 1cm thick qz. vein mineralized @ 83.50 & 84.40				
87.50-87.85	mineralized qz. vein with 30% sulf. (Sph> Cpy/Py) at 20-30 degrees CA folded	38888	87.50-88.45=0.95	.034	1.43
87.85-88.05	bleached tuff.				
88.05-88.45	mineralized qz. vein, 5-10 degrees CA, (30% sulf.) caught in fault @ 10 degrees CA	38889	88.20-88.60=0.40	.011	.14
88.45-91.00	bleached and. aggl. (pink matrix & green clasts) minor veining				
91.00-92.35	fault zone to breccia, fault gouge 20 degrees CA				

Hole Number: RP-87-9
Lat:
Dep:
Elev: 1468.9 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 109.72 m
Date: Sept. 16, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
92.35-92.45	Qz. vein 45 degrees CA mineralized 5-10% sulf.	38890	92.35-92.60=0.25	.011	Tr.
92.45-EOH	qz. mr. and tuff. medium grain, mineralized vein -@ 94.00, 3 cm thick,} 30 degrees CA } -@ 94.97, 2 cm thick,} 45 degrees CA } -@ 95.08. 3 cm thick,} 50 degrees CA } -@ 95.11, 1 cm thick,} 35 degrees CA } -@ 95.35, 1 cm thick,} 30 degrees CA }	38891	93.85-94.15=0.30 m	.019	Tr.
		38892	94.85-95.40=0.55	.025	Tr.
	mineralized vein -@ 97.75, 2 cm thick, 40 degrees CA	38893	97.65-97.90=0.25	.004	.29
-98.25	drill bit & shaft stuck @ the bottom				
98.25-109.72	gr.mr.and.tuff.med. green mine vein, 5 cm thick, 35 degrees CA @ 99.55 miner.	38894	99.50-99.75=0.25 m	.014	.06
	-@ 100.90, 1 cm thick vein, parallel CA	38895	100.75-101.15=0.40 m	.005	Tr.
	-@ 102.85, 3 cm thick vein, 40 degrees CA	38896	102.75-103.00=0.25 m	.003	Tr.
	-@ 107.45, 4 cm thick vein, 65 degrees CA	38897	107.25-107.55=0.30 m	.006	Tr.
	-@ 107.90, 5 cm thick vein, 60 degrees CA	38898	107.85-108.10=0.25 m	.016	Tr.
	108.75-109.15 min. breccia	38899	108.75-109.15=0.40 m	.006	Tr.

EOH

Hole Number: RP-87-10
Lat:
Dep:
Elev: 1472.97 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 82.30 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.00-3.70	casing				
3.70-11.30	OB				
11.30-12.75	grey lapilli tuff. med. grain weak qz. carb. network				
12.73-14.60	green and tuff/aggl med. grain scarce red clasts minor veining unmin.				
14.60-15.46	breccia. fault gouge (10 cm thick around 15.24) in grey dac. tuff.				
15.46-18.43	grey dac. tuff. little to no breccia				
18.43-21.40	mr. and tuff/aggl clasts up to 10 cm dia. contact 25 degrees CA shear zone @ 26.70 (10 cm wide) schisto 25 degrees CA, contact width decrease @ 35 degrees CA				
21.40-21.60	gr. mr. and. aggl. 3 cm dia, clasts				
21.60-23.00	breccia & F. gouge in center (& cata-clasite)				

Hole Number: RP-87-10
Lat:
Dep:
Elev: 1472.97 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 82.30 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
23.00-	mr. and tuff. med. grain, few gr patches, weak brecciation, 33.95 fault @ 20 degrees CA				
35.40-35.00	Breccia zone bleached				
35.95-36.00	mr. and aggl. brecc. med.				
36.00-36.57	breccia with small miner qz. vein	38900	36.05-36.55=0.50 m	.010	Tr.
36.57-37.70	gr. and aggl.				
37.70-37.90	fault gouge				
37.90-41.25	mr. and tuff. med. grain weak brecciat				
41.25-44.00	progressive change to green (alt) and tuff. med. grain				
44.00-	progresseive change to mr. unaltered very weak brecciat, mr. and tuff.				
44.00-52.30	progressive to gr. and. tuff (from 49.00)				
52.30	small (0.5 cm) Qz. v barren + green alt. Halo (10 cm ?)				
52.60-52.80	small (0.5 cm) Qz. v barren + green alt. Halo (10 cm ?) diss. sulf. in alt halo.				

Hole Number: RP-87-10
Lat:
Dep:
Elev: 1472.97 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 82.30 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
52.80-53.45	small min. qx vein @ 52.45 (20 degrees CA, 0.5 cm thick) and diss. sulf in alt halo (from 53.30 to 53.85)				
53.85-55.55	mr. and tuff medium grain weak brecciat.				
55.55-58.18	progressive change to green/grey and. tuff. med. grain, weak to brecciat				
58.18-58.26	approx. 10 cm thick hydro fracture, qz. matrix barren				
58.26-58.35	gr. and tuff.				
58.35-61.35	weak ? brecciat				
61.35-68.50	gr/mr. and. aggl. clasts up to 10 cm dia.				
68.50-69.80	entering alt. halo of mineralized qz. vein 6.0 cm thick, 85 degrees CA from 69.13 to 69.19, CPy, Py, Sph, (30 % sulf), end of alt. halo	38901	68.90-69.15=0.25	.006	Tr.
69.80-	mr./gr. and. tuff medium grain regularly spaced quartz carb vein @ 40 degrees CA				

Hole Number: RP-87-10
Lat:
Dep:
Elev: 1472.97 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 82.30 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
76.10-76.58	quartz vein min. CPy, Py, SPh (15-20% sulf), 75 degrees CA	38902	75.95-76.95=1.00	.007	.14
76.58-EOH	gr./Mr. and. Tuff				
77.00	fault razor blade thick 25 degrees CA	38903	76.95-77.95=1.00	.004	.06
77.10-77.25	2 cm thick min. qz. v. Py, CPy, Chl, Sph parallel CA				
77.25-77.95	strongly schistosed wallrock shisto 35 degrees CA and diss. sulf (3-5%)				
77.95-	gr. mr. and. tuff. minor veining vuggy? @ 80.70				
82.29-90.30	gr. and. tuff. aggl. weak brecciat				
83.70-83.75	small (2-3cm thick) folded miner. 10% sulf. (Py CPy) qz. vein in schistosed (55 degrees CA) matrix c dessem. sulf. (1.2%)	38904	83.50-83.75=0.75	.003	Tr.
84.00-85.30	Breccia zone				
86.84-88.48	mineralized Qz vein (40 % sulf. Py, Cpy, Sph, Chl) parallel CA	38905 38906	86.75-88.50=1.15 m 89.28-89.88=0.60 m	.013 .146	.17 .79

Hole Number: RP-87-10
Lat:
Dep:
Elev: 1472.97 m
Bearing: 360 Degrees
Dip: -45 Degrees
Depth: 82.30 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-90.30	gradual change from qz. mr. and. tuff. med. grain weak to med. brecciat.				
90.30-93.90	mr. and tuff. med grain.				
93.90-94.48	gr. and. tuff. 0.5 cm thick qz. vein 25 degrees CA @ 94.25				

EOH

Hole Number: RP-87-11
Lat:
Dep:
Elev: 1479.4 m
Bearing: 180 Degrees
Dip: -40 Degrees
Depth: 91.44 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.00-12.19	casing				
12.19-14.10	OB no recovery				
14.10-17.40	OB & ?				
17.40-38.30	gr. blue (silicified-brown)? and. tuff. aggl. grey blue clasts (Pervasive Patchy Sil)				
19.60-19.85	qz. vein mineral @ contact with wallrock (10% sulf Py) vuggy, 35 degrees CA	38907	23.35-23.70=0.35	.003	
23.40-23.70	min. qz. vein 20 degrees CA, 6 cm thick, 5% sulf. (Py, Sph) weak brecciation	38908	23.35-23.70=0.35	.004	
24.64-	1 cm thick qz vein barren	38909	24.65-24.95=0.35	.004	
24.70-	2 cm thick qz vein miner. 5% sulf (Py regularly spaced of oriented small(0.3 cm) quartz veinlets at 40 degrees CA, in grey blue (pervasive silicification-primary brecciation) tuff. & diss. sulf. in matrix	38910	26.85-27.35=0.50	.002	
29.75-29.80	5 cm thick qx vein barren 50 degrees CA	38911 38912	29.75-30.45=0.70 31.65-32.55=0.90	Tr. .005	
35.05-35.70	10 cm thick qz. vein barren -50 degrees CA	38913	34.60-35.40=0.50	.018	

Hole Number: RP-87-11
Lat:
Dep:
Elev: 1479.4 m
Bearing: 180 Degrees
Dip: -40 Degrees
Depth: 91.44 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
35.30-35.70	shear zone 40 degrees CA, weak brecciat sealed with qz. veinlets +/- sulf.				
-37.43	1 cm thick qz. vein, 1% sulf. 50 degrees CA				
-37.60	2 cm thick qz. vein 50% sulf, Cpy Py, 35 degrees CA	38914	37.45-37.70=0.25	.021	
-37.90	1.5 cm thick qz. vein 2% sulf. Py, Cpy 35 degrees CA	38915	37.70-38.00=0.30	.016	
-38.30	End of pale bluish color (silicification)				
38.30-50.00	grey dap. tuff. closely spaced (5 cm) and well-oriented qz. vein 0.5 to 7.0 cm thick veinlet @ 40 degrees CA				
40.60-40.65	5 cm miner. qz. vein 5-10% sulf. Py, Cpy	38916	40.60-40.90=0.30	.008	
42.15-42.62	Breccia Brecciation NE to 41.62=fault gouge @ 45 degrees CA	38917	40.90-41.15=0.25	.002	
43.30-	2 cm thick qz Py	38918	43.25-43.50=0.25	Tr.	
46.45-	3 cm thick qz. vein Py, CPy Sph & 0.5 thick, @ 36.40	38919	46.30-46.60=0.30	.035	

Hole Number: RP-87-11
Lat:
Dep:
Elev: 1479.4 m
Bearing: 180 Degrees
Dip: -40 Degrees
Depth: 91.44 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
50.00-55.00	grey blue (pervasive patchy silicif.) well oriented, closely spaced veining (TG?) @ 40 degrees CA, minor (0.3-0.5 cm thick) veining mineralized				
54.68-55.00	3 cm thick Qz. carb vein 2-5 % sulf. Py 35 degrees CA	38920	54.45-54.75=0.30	.035	
55.00-57.70	green and mr. tuff. weak to med. brecc., 55.80=1.5 cm thick qz. vein 3-5% sulf Py	38921	55.70-55.95=0.25	.001	
56.00-56.60	breccia. 15 degrees CA, 57.00, 0.5 cm qz. 2% sulf. 15 degrees CA	38922	56.83-57.08=0.25	.009	
57.70-59.00	mr. and. aggl. clasts up to 10 cm dia.				
58.65-59.00	the shear zone goes pass 87.00=thrust plane central portion most deformed 60.00-65.00=zone of hole#8, but not equal from #9 -shear zone 35 degrees CA -qz. chl. vein 5 cm thick @ 58.67				
59.00-59.64	mr. and. aggl. unalt. sheared to hell, contact @ 35 degrees CA				

Hole Number: RP-87-11
Lat:
Dep:
Elev: 1479.4 m
Bearing: 180 Degrees
Dip: -40 Degrees
Depth: 91.44 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
59.64-	green mylonite (ex. and. tuff. aggle. whatever?) with diss. sulf. (Py Sph) & Chl. clots and qz. vein mineralized with Cpy, Py, Spy, Gal				
59.40-60.70	0.60 wall rock sheared to hell diss. sulf. & minor. veining @ 60.00 1 cm thick 15 degrees CA				
60.70-61.00	Qz vein 5 cm thick 15 degrees CA, Sph, Gal & Dif. sulf in wallrock (matrix adjacent) qz. itself barren <1% sulf. (Sph/gal)	38925	60.70-61.25=0.55	.005	
61.12-61.24	qz. vein 10 cm thick 45 degrees CA. 5-10% fine grain sulf.(Sph, Py)				
61.24-61.65	wall rock=sericite mylonite diss. sulf-ides, Py Cpy Sph + Gal, schisto 30 degrees CA +/- dismembered Qz. carb vein, synkine-matic crystallization in strain shadows (chl) around pyrite crystals	38926	61.25-61.65=0.40	.007	
61.65-62.23	qz. vein mineralized 20-30% sulf. (Cpy, Py, Sph, Gal) 55 degrees CA	38927	61.65-62.23=0.58	.023	

Hole Number: RP-87-11
Lat:
Dep:
Elev: 1479.4 m
Bearing: 180 Degrees
Dip: -40 Degrees
Depth: 91.44 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
62.23-63.00	wall rock-green mylonite 20% diss. sulf. schisto 45 degrees CA	38928	62.25-62.80=0.55	.019	
63.00-63.20	mineralized qz. carb vein Py, Sph, IGal 45 degrees CA	38929	62.80-63.20=0.40	.022	
63.20-63.54	wall rock green (chl. sericite) mylonite 30-40% diss. sulf. (+ chl. strain shadow)	38930	63.20-63.50=0.30	.005	
63.54-63.60	qz. vein 50% cub. Py 40 degrees CA wallrock green myl.	38931	63.50-64.00=0.50	.021	
63.66-	1 cm thick qz. vein 40% Cub. Py				
-64.00	wallrock green myl. end of green mylonite				
64.00-68.50	gr. and. tuff. strongly sheared				
65.52-	1 cm thick qz. vein with 50% Py I CPy 40 degrees CA	38932	65.50-65.80=0.30	Tr.	
67.90-	1.5 cm thick qz. vein with 10% carb. Py 50 degrees CA schisto 30 degrees CA	38933	67.73-67.90.25	Tr.	
72.00-	5 cm thick qz. carb vein with 10% Py, Sph, 35 degrees CA parallel schisto	38934	71.95-72.20=0.25	.003	

Hole Number: RP-87-11
Lat:
Dep:
Elev: 1479.4 m
Bearing: 180 Degrees
Dip: -40 Degrees
Depth: 91.44 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
74.35-74.55	20 cm thick qz. vein 10% sulf. Py, Cpy Sph Gal. 35 degrees CA	38935	74.35-74.70=0.35	.002	
75.06-	2 cm thick qz. vein 40% sulf. Py, Sph, 35 degrees CA	38936	74.85-75.10=0.0.25	Tr.	
78.10-78.18	6 cm thick qz. vein with 10% cub. Py & diss. sulf. in wallrock 80 degrees CA	38937	78.10-78.30=.025	.003	
79.28-	1 cm thick qz. vein 20% sulf. Cub. Py 40 degrees CA	38938	79.13-19.43=0.30	Tr.	
79.35-	1 cm thick qz. vein with 10% sulf. Cub. Py 45 degrees CA				
79.65-	3 cm thick qz. vein with 5 % sulf. Cub. Py 30 degrees CA	38939	79.60-79.85=0.25	Tr.	
81.48-81.80	30 cm thick qz. vein 50% mass. sulf. Cpy, Sph, Py +/- Gal, 50 degrees CA	38940	81.48-81.90=0.42	.056	
82.10-82.30	2 x 3 cm qz. vein 20% sulf. Py, CPy, Sph 35 degrees CA	38941	82.00-82.45=0.45	.043	
83.00-83.65	diss. sulf. in schis-tosed material	38942	83.50-83.75=0.25	.006	
83.95-	4 cm thick qz. vein, 50% sulf. Cpy Py Gal, 50 degrees CA	38943	83.75-84.00=0.25	.006	

Hole Number: RP-87-11
Lat:
Dep:
Elev: 1479.4 m
Bearing: 180 Degrees
Dip: -40 Degrees
Depth: 91.44 m
Date: Sept. 18, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
86.10-	1 cm thick qz. carb vein 10% sulf Py + diss. tuff. in wall-rock 50 degrees CA	38944	85.90-86.30=0.40	Tr.	
-87.50	end of strongly sheared mr. and. aggl.	38945	86.40-86.80=0.40	Tr.	
87.50-	gr. and aggl. with red. clasts up to 20 cm dia.				
88.35-	2 cm thick qz. vein 5% sulf. +/- Gal and diss. sulf in wallrock 50 degrees CA	38946	88.15-88.40=0.25	Tr.	
91.05-91.05	3 cm thick qz. vein 30% sulf. Cpy, Py +/- Sph+/- Gal, 45 degrees CA	38947	90.80-91.13=0.33	.010	
91.44	EOH				

Hole Number: RP-87-12
Lat:
Dep:
Elev: 1483.4 m
Bearing: 180 Degrees ?
Dip: -45 Degrees ?
Depth: 91.44 m
Date: Sept. 19, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0-15.24	Casing				
15.24-16.25	OB, 0% recovery				
16.25-24.00	Bluish green and. tuff. (pervasive patchy silicif)				
-16.60	1.5 cm thick qz. vein 5% sulf. (Cpy, Py) 35 degrees CA	38948	16.50-16.75=0.75	.003	
-17.05	2.0 cm thick qz. v barren, 45 degrees CA	38949	17.01-17.36=0.35	.009	
-17.20	1.5 cm thick qz. vein 2-3% sulf. (Py) 55 degrees CA				
-17.30	0.5 cm thick qz. vein 50% (Py) 45 degrees CA				
20.25-20.34	2 x 1.0 cm thick qz. vein 50% sulf (Py, Cpy) 45 degrees CA	38950	20.15-20.45=0.30	.094	
-20.90	1.0 cm thick qz. v 40% sulf. (Py, Cpy) 50 degrees CA	38951	20.73-70.98=0.25	.022	
-22.60	1.0 cm thick qz. v 30% sulf (Py, Cpy) 50 degrees CA	38952	22.51-22.76=0.25	.004	
-23.90	massive sulf. seam 0.5 cm Py/Cpy, 40 degrees CA	38953	23.80-24.05=0.25	.010	

Hole Number: RP-87-12
Lat:
Dep:
Elev: 1483.4 m
Bearing: 180 Degrees ?
Dip: -45 Degrees ?
Depth: 91.44 m
Date: Sept. 19, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
24.00-25.00	mr. gr. and. tuff. slight brecciat, gradual change to gr. mr. and. tuff. around 25.00				
25.00-25.75	gr. mr. and. tuff. & patchy silicification (bluish)	38954	25.42-25.92=0.50	.046	
26.07-26.75	2 x 1.0 cm thick qz. vein (CPy/Py) @ 40 degrees & 20 degrees CA & diss. sulf in wallrock (approx. 10%)	38955	26.00-26.30=0.30	.002	
27.55-27.65	2 x 3 cm qz. vein 1st barren vuggy (10 deg. CA) 2nd 30% sulf (CPy +/- Sph +/- Ga) 50 degrees CA & 5% diss. sulf in wallrock	38956	27.43-28.03=0.60	.001	
28.00-	1 cm thick Qz. vein 10% sulf (Cp, Cub, Py), 40 degrees CA				
28.30-	4 cm thick qz. vein 10% sulf (Cub. Py +/- Spy) 50 degrees CA + 5% diss. sulf. in wallrock	38957	28.73-28.98=0.25	.002	
29.38-	2 cm thick qz vein 10% sulf. (Cub. Py) perpendicular CA	38958	29.30-29.60=0.30	.002	

Hole Number: RP-87-12
Lat:
Dep:
Elev: 1483.4 m
Bearing: 180 Degrees ?
Dip: -45 Degrees ?
Depth: 91.44 m
Date: Sept. 19, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
29.00-31.00	gr. and. aggl. clasts up to 10 cm dia. closely spaces well-oriented parallel qz. veinlet with 10-50% sulf (Py, Cpy) bulk sample 1>40 degrees CA	38959	30.50-31.50=1.00	.013	
-32.00	grey-bluish lap. tuff. pervasive silicite clor. pieced vein, 40 dgrees CA				
32.00-32.55	2 cm thick qz. vein vuggy 5% sulf (Cub. Py)	38960	32.25-32.65=0.50	Tr.	
33.00-45.65	mr. gr. and. tuff. med. grian medium to stony breccia				
45.65-54.00	entering alt. halo of mineralized shear zone green chloritic				
-48.00	bleached sericitic, chl. seric. wallrock schisto 35 degrees CA to crenule parall. CA	38961 38962 38963 38964	46.00-46.50=0.50 46.50-47.00=0.50 47.00-47.25=0.25 47.25-47.40=0.25	.007 Tr. Tr. .002	
-47.50	+/- 5 recovery, 10 cm thick min zone with qz. cub. Py Chl sevic. 40 degrees CA	38965	47.40-47.80=0.40	Tr.	
-48.00	+/- 10 recovery, 20 cm thick min. zone with qz. Py, Cpy, Spha., 50 degrees CA	38966	47.80-48.15=0.25	0.015	
	-wallrock shisto, 45 degrees CA	38967	47.80-48.15=0.25	0.015	

Hole Number: RP-87-12
Lat:
Dep:
Elev: 1483.4 m
Bearing: 180 Degrees ?
Dip: -45 Degrees ?
Depth: 91.44 m
Date: Sept. 19, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-48.45	+/- 5 recovery, 10 cm thick Qz. with Py, Cpy Spha. +/- Ga, 35 degrees + 10 cm thick qz + Py Cpy Sph center vein 40 degrees CA	38968	48.40-48.65=0.25	0.140	
	-wallrock 10-20% diss. sulf. schisto, 55 degrees CA	38969	48.65-49.05=0.40	.002	
49.05-50.05	1 m thick zone with qz. Py-Cpy-Sph-Gal folded Qz. vein parallel CA to perpendicular Ca	38970	49.05-50.05=1.00	.099	
50.05-51.15	1.10 m thick min. mylonite (phyllite) vein + schisto 45 degrees CA, with up to 60% sulf. (Py, Cpy, Sph + Qz. carb. vein mineralize)	38971 38972	50.05-50.55=0.50 50.55-51.10=0.60	.027 .043	
53.60-53.80	20 cm thick, min. qz. vein with Py Cpy +/- Sph + Gal, 45 degrees CA and diss. sulf. in wall rock and min. qz. carb. vein parallel CA, 53.80-54.35	38973 38974 38975	51.10-52.00=0.90 53.55-53.80=0.25 53.80-54.40=0.60	.002 .021 .005	
-54.00	end of alt. halo around main min. zone				
54.00-61.60	gr./mr. and. tuff. strongly schistosed (50 degrees CA),minor veining + wallrock diss. sulf up to 20%	38976 38977 38978	57.15-57.75=0.60 58.05-58.55=0.50 58.55-58.85=0.30	.005 Tr. Tr.	

Hole Number: RP-87-12
Lat:
Dep:
Elev: 1483.4 m
Bearing: 180 Degrees ?
Dip: -45 Degrees ?
Depth: 91.44 m
Date: Sept. 19, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-59.56	2 x 0.5 cm thick qz. vein 50% sulf 70 and 60 degrees CA	38983	59.50-59.80=0.30	.062	
-59.62	+ 1.5 cm thick qz. vein 40% sulf. (Cub Py and Sph) @ 59.70, 45 degrees CA				
61.43-61.60	mineralized zone with qz. vein (barren) + 10-15% diss. Py Cpy in small scale shear, 45 degrees CA	38979	61.35-61.60=0.25	.017	
61.60-65.70	mr. gr. and. aggl. med. breccia minor veining weakly schistosed, 20 degrees CA				
65.70-66.80	gr. mr. and. aggl. red clasts up to 5 cm dia.				
66.80-	entering alt. halo of mineralized zone (bleached increase towards center of zone - gr. to bleached + chlorite [no hematite left] to sericite)				
67.15-67.35	mineralized zone with small qz.veining with Py Cpy Sph mineralized 20 cm thick qz. vein with Py-Cpy-Sph (10%) 75 degrees CA	38980 38981	61.15-67.60=0.45 67.60-67.85=0.25	Tr. .026	

Hole Number: RP-87-12
Lat:
Dep:
Elev: 1483.4 m
Bearing: 180 Degrees ?
Dip: -45 Degrees ?
Depth: 91.44 m
Date: Sept. 19, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-68.25	end of bleached zone (chlorite increase > sericite				
68.25-69.50	gr. and. aggl. red clasts up to 10 cm dia. end of alt. halo				
69.50-71.50	mr. and. aggl. minor veining (breccia)				
71.50-72.80	Breccia zone, fault gauge 72.50-72.80				
72.80-	green/grey lap. tuff. min. zone 76.00-76.20, 50 degrees CA	38982	75.90-76.20=0.30	.011	
76.20-71.50	grey lapi. tuff., alt. halo (grey) around small (1-2 mm) qz. vein closely spaced well oriented @ 50 degrees CA, fine green diss. sulf.				
-78.80	gault gauge approx. 10 mm				
78.80-82.10	green (altered) lap. tuff. meneralized veining (qz. sulf. and fine grain diss. sulf, 2-3%, 25 degrees CA				
-79.40	1.0 cm thick qz. vein 5% sulf				

Hole Number: RP-87-12
Lat:
Dep:
Elev: 1483.4 m
Bearing: 180 Degrees ?
Dip: -45 Degrees ?
Depth: 91.44 m
Date: Sept. 19, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-79.60	0.5 cm thick qz. vein 10% sulf, perpendicular 25 degrees CA	38984	79.25-80.24=1.00	.002	
-79.90	0.5 cm thick qz. vein 30% sulf, 45 degrees CA				
-80.10	0.5 cm thick qz. vein 30% sulf., 30 degrees CA				
-80.30	5.0 cm thick qz. vein 15% sulf (Py-Cpy-Sph +/- Gal) 45 degrees CA	38985	80.24-80.49=0.25	.004	
-80.50	1.0 cm thick qz. vein 10% sulf, Py +/- Cpy, 45 degrees CA	38986	80.69-81.49=1.00	Tr.	
-81.10	0.5 cm qz. vein 20% sulf., Py +/- Py, 45 degrees CA				
81.81-81.94	1.0 cm qz. vein 20% sulf, cub. Py + Cpy, 45 degrees CA	38987	81.75-82.00=0.25	Tr.	
-82.20	End of alt. halo				
82.20-84.50	mr/gr. lup. tuff. med. grain				
84.50-88.25	gr. and. lap. tuff. (Apt. halo) co & perc? around min. qz. vein				
-85.28	0.5 cm thick qz. v 40% sulf., Py Cpy, 45 degree CA	38988	85.20-85.60=0.40	.006	

Hole Number: RP-87-12
Lat:
Dep:
Elev: 1483.4 m
Bearing: 180 Degrees ?
Dip: -45 Degrees ?
Depth: 91.44 m
Date: Sept. 19, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-85.34	5.0 cm thick qz. vein 40% sulf, Py Cpy +/- Sph, 45 degrees CA				
-85.54	2.0 cm thick qz. vein 50% sulf, Py Cpy, and diss. sulf. in wallrock 40 degrees CA				
88.25-91.44	gr. mr. and. aggl. red clasts up to 5 cm dia.	38989	88.39-88.69=0.30	.005	
-88.60	qz. vein folded 10-20% sulf Cub. Py				

EOH

Hole Number: RP-87-13
Lat:
Dep:
Elev: 1485.8 m
Bearing: 180 Degrees
Dip: -44 Degrees
Depth: 124.00 m
Date: Sept. 23, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0-15.24	casing				
15.24-16.30	ob				
16.30-20.00	gr. and. aggl. red clasts up to 20 cm dia. weak brecciation minor. qz. sulf veining				
20.00-22.00	gr. and. tuff., weak brecciat				
22.00-22.80	gr. and. aggl. red clasts 5 cm dia. weak brec.				
22.80-24.60	gr. and. tuff. pervasive sil. (bluish)				
24.60-25.00	Fault zone, bleached carb. veining				
25.00-26.80	silicifies gr. and. aggl. minor veining				
26.80-39.00	green and. agg. green clasts 3-5 cm dia., minor min. veining (mainly Py, I, CPy) 40-45 degrees CA				
27.70-27.77	min. qz. vein 5 cm thick 30 degrees CA mass. sulf. -1.5 cm thick qz. vein minor minor (Py 5%) 35 degrees CA				
27.93-27.96	central portion of vein vuggy Qz., 60% Py +/- Cpy +/- Sph,	33776	27.70-28.00=0.30 m		

Hole Number: RP-87-13
Lat:
Dep:
Elev: 1485.8 m
Bearing: 180 Degrees
Dip: -44 Degrees
Depth: 124.00 m
Date: Sept. 23, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
28.10-28.80	fault zone f. gouge + shisto 15 degrees CA				
30.35-30.40	4 cm thick qz.[D vein 1% sulf (Py) mildy barren qz., 40 degrees CA				
39.00-40.20	gr. and. agg. red. clasts, increase 10 cm dia. weak brecciat., minor veining @ 30-35 degrees CA				
40.20-42.50	green and. aggl. green clasts. minor qz. carb barren @ 20-30 degrees CA				
42.50-48.45	green and. aggl. red clasts. up to 20 cm dia. weak brecciat, qz. carb viening barren				
48.45-92.70	green and aggl. green clasts minor min. veining				
62.20-62.90	breccia one unminer. @ C=more bleached, less green				
63.30-	gault gouge 5 cm thick 15 degrees CA, sericite content increase after breccia zone				

Hole Number: RP-87-13
Lat:
Dep:
Elev: 1485.8 m
Bearing: 180 Degrees
Dip: -44 Degrees
Depth: 124.00 m
Date: Sept. 23, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
72.18-72.55	min. matrix + quartz vein 80 degrees CA (Py +/- Cpy +/- Sph) shisto intensity incr. + silicificat patchy matrix closely spaced veining @ 60-70 degrees CA	33777	72.18-72.55=0.37 m		
73.85-	min. qz. v Py+/-Cpy 30 degrees CA	33778	73.75-74.00=0.25		
76.38-77.35	miner. zone shear + breccia with Py >/ Cpy+/-Sph, barren sulf. approx. 10% matrix matrix wallrock samp.	33779	75.86-76.14=0.30	wallrock	
76.38-76.63	76.38-76.63 top portion with higher content of CPy - Sph schisto + vein, 30 degrees CA approx. 30% whole sample (quartz)	33780 33781	76.14-76.38=0.25 76.30-76.63=0.25	wallrock min. qz. vein	
76.63-76.88	carb. vein + mildey barren Qz. (10 cm) + matrix 15 cm	33782	76.63-76.88=0.25	wallrock	
76.88-77.13	qz. vein 10% sulf. milky baren qz. for the most part qz. v @ 25 degrees CA sulf. Py +/- CPy +/- Sph +/- Gal	33783	76.88-77.13=0.25	qz. v. barren	
77.13-77.38	qz. vein 1/2 top + wall rock (bottom 1/2) Qz. vein with Py- Gal/Sph /- Spy	33784	77.13-77.38=0.25	qt. vein sulf. & matrix	

Hole Number: RP-87-13
Lat:
Dep:
Elev: 1485.8 m
Bearing: 180 Degrees
Dip: -44 Degrees
Depth: 124.00 m
Date: Sept. 23, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
77.38-77.63	wall rock diss. sulf. (Py) schisto parallel to 10 degrees CA	33785	77.38-7.63=0.25	wallrock	
77.63-78.00	wallrock strongly schistosed sericite > chlorite (bleached) @ 10-20 degrees CA	33786	77.63-77.88=0.25	wallrock	
78.00-80.80	closely spaced parallel qz. carb veining @ 45 degrees CA				
83.00-84.43	strongly sheared gr. and. aggl. schisto 30 degrees CA, min. qz. carb. vein (Py) 3 cm thick 60 degrees CA schisto	33787	84.25-86.50		
92.70-95.30	mr. gr. and. tuff. aggl. strongly schistosed + brecciated, bleached in place, schisto 50 degrees CA				
95.30-97.50	gr. and. tuff. weak brecciation minor qz. carb veining				
96.60-97.00	min. zone with qz. sulf. rich veinlets (Py +/- Cpy +/- Sph)	33788	96.60-97.00=0.40		
97.50-98.85	mr. and. aggl. clasts 10 cm dia. strongly sheared and brecciat				
98.85-104.50	bleached +/- silic. and. tuff. qz. vein 10% sulf. (Py)	33789	99.45-99.70=0.25		

Hole Number: RP-87-13
Lat:
Dep:
Elev: 1485.8 m
Bearing: 180 Degrees
Dip: -44 Degrees
Depth: 124.00 m
Date: Sept. 23, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
99.35-99.70	sheared zone unmin. schistos 25 degrees CA and fault gauge @ 102.60-102.80 and 103.50-103.60				
104.50-106.80	green and tuff. [A sheared				
106.80-110.00	grad. contact with mr. and. aggl.				
110.00-EOH	green and. tuff. scarce red clasts 5 cm dia.				
111.10-111.40	miner. qz. vein 20 cm thick 40 degrees CA, 20-30% sulf. Py, Ga +/- Sph +/- Cpy				
111.44-111.47	1.5 cm thick qz. vein (Py)	33790	111.10-111.50=0.60		
118.50-118.60	min. qz carb vein Py +/- Sph ?, 4 cm thick, 50 degrees CA				
120.10-120.51	Brecciat zone. unga				
121.65-124.00	2 cm thick breccia. quartz healed?, 10 degrees Ca				

EOH

Hole Number: RP-87-14
Lat:
Dep:
Elev: 1488.9 m
Bearing: 180 Degrees
Dip: -45 Degrees
Depth: 64.00 m
Date: Sept. 24, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
0.0-16.76	casing				
16.76-17.60	OB				
17.60-18.90	silific. mr. and. agg. med. bluish clusts				
18.90-23.00	silicif. gr. and. tuff.				
19.80-20.30	min. qz. vein 0.5 cm thick parallel CA, Py-CPy-sph-Gal	33791	19.80-20.30=0.50		
20.30-20.54	10 cm thick miner. zone with qz. Py +/- Sph ? 30 degrees CA	33792	20.30-20.55=0.25		
23.00-	Beginning of Fault zone, bleached				
23.95-24.15	miner. zone qz. with sulf. bonding (Py, CPy, Spy, Gal) 10% sulf. 40 degrees CA	33793 33794	23.65-23.95=0.30 23.95-24.20=0.25	wallrock qz. vein	
	-25.40 3cm thick qz. vein with P. Sph Gal. 40 degrees CA and diss. sulf. in wall-rock	33795 33796	24.20-24.50=0.30 25.00-25.40=0.40	wallrock vein/wallrock	
	-sample of sheared bleached material with diss. sulf. (Py, Sph +/- Cpy ? +/- Gal) large clats & very, fine grain	33797 33798	33.30-33.70=0.40 34.30-34.65=0.35	schisto no qz. vein	
34.65-	min. zone with qz. vein + Py, Cpy Sph Gal				

Hole Number: RP-87-14
Lat:
Dep:
Elev: 1488.9 m
Bearing: 180 Degrees
Dip: -45 Degrees
Depth: 64.00 m
Date: Sept. 24, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
34.73-34.76	min.qz. v 2 cm thick 80 degrees CA, Cub. Py +/- Gal	33799	34.65-34.95=0.30	vein/wallrock	
34.95-35.20	Qz. vein 15 cm thick 35 degrees CA, Py +/- CPy +/- Gal	33800	34.95-35.20=0.25		
35.20-35.45	1 cm thick qz. vein parallel CA folded Py	33801	35.20-35.45=0.25	Qz. 10 % wallrock, 90%	
35.45-39.95	4.0 cm thick Qz. vein approx. 40 degrees CA 1 % Ga/Sph 2% Py +/- Cpy	33802	35.45-35.95=0.50	Qz. mass.	
35.95-36.82	Qz. vein massive with 2-3% sulf. Py Gal +/- Cpy +/- Sph	33803	35.95-36.82=0.87	Qz. mass	
36.82-38.25	sheared material = sericite schist + dissem. sulf.				
36.82-37.03	min. breccia loaded with Py, Gal Sph +/- CPy, 25 degrees CA	33804	36.82-37.09=0.25		
	-sheared wallrock + dissem. sulf. 1%	33805	37.09-37.34=0.25		
	-sheared wallrock + dissem. sulf seams 5% sulf. Py, Gal	33806	37.34-37.64=0.30		
	-sheared wallrock folded dissem. sulf.	33807	37.64-37.92=0.28		
	-sheared wallrock + vein veinlets + diss. sulf.	33808	37.92-38.17=0.25		
	-sheared wallrock folded schisto approx. parallel CA + diss. sulf. Py+/-Gal+/-Cpy	33809	38.17-38.67=0.50		

Hole Number: RP-87-14
Lat:
Dep:
Elev: 1488.9 m
Bearing: 180 Degrees
Dip: -45 Degrees
Depth: 64.00 m
Date: Sept. 24, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
39.30-39.90	qz. vein sulf. rich 20% sulf. Py, Gal +/- Sph +/- CPy)	33810	39.30-39.90=0.60		
	-wallrock sheared and dissem. sulf. 1 cm Qz. vein 30 degrees CA, Cpy-Py-Sph	33811 33812	39.90-40.20=0.30 40.20-40.60=0.40		
40.60-41.20	1 cm thick min. qz. vein parallel CA	33813	40.60-41.10=0.50		
	-wallrock diss. sulf. + 1 cm. qz. vein 30 degrees CA, Cpy-Py-Sph	33814	41.55-42.15=0.60		
-41.20	end of shear zone - bleached zone				
41.20-	gr. and tuff. brecc. breccia zone min.	33815	42.80-43.30=0.50		
	-wallrock unalt. green and tuff.	33816	43.50-43.15=0.25		
43.60-44.50	shear zone = bleached zone min. schisto parallel to 20 degrees CA				
43.76-43.92	min. qz. vein 10 cm thick 70% sulf. Py, Sph +/- Cpy	33817	43.75-44.00=0.25		
	-wallrock bleached min. 0.5 cm thick qz. veinlet Py Sph	33818	44.00-44.25=0.25		
44.32-44.48	2.5 & 1 cm thick qz. vein miner. with Cpy, Py, Sph folded - parallel to perpen-dicular CA	33819	44.25-44.50=0.25		

Hole Number: RP-87-14
Lat:
Dep:
Elev: 1488.9 m
Bearing: 180 Degrees
Dip: -45 Degrees
Depth: 64.00 m
Date: Sept. 24, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
-44.50	end of main min. zone				
44.50-47.60	gr.and.tuff. strongly brecciated				
47.60-48.65	breccia bleached unmineralized				
48.65-51.50	gr. and. aggl. red clasts 10 cm dia. stongly brecciated				
51.50-56.00	green grey lapilli tuff., breciated				
52.10-	3 x 0.5 cm thick min. qz. vein 10% sulf. Cpy, Py	33820	52.10-52.35=0.25		
53.45-	3 x 0.5 cm thick min. qz. vein Cub, Py +/- CPy	33821	53.35-53.60=0.25		
55.65-56.00	5 cm thick qz. vein 2% sulf. Py +/- Cpy, 50 degrees CA	33822	55.55-55.80=0.25		
56.00-56.40	fault gouge-breccia				
56.40-62.00	gr. and. aggl. red clasts				
62.00-62.65	shear zone chl. schisto + miner. Qz. vein 20% sulf. Py Cpy 45 degrees CA (vein parallel to schisto)	33823	62.25-62.65=0.60		

Hole Number: RP-87-14
Lat:
Dep:
Elev: 1488.9 m
Bearing: 180 Degrees
Dip: -45 Degrees
Depth: 64.00 m
Date: Sept. 24, 1987

From/To(m)	Description	Sample No	From-To Interval(m)	Au/oz	Ag/oz
62.65-64.00	Green/grey (silicif) and. tuff. fine grain schisto parallel to Qz. carb. veining, 55 degrees CA				

EOH

Appendix 2

Assay Certificates

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.

Box 684

Smithers, B.C. V0J 2N0

Certificate No. K 8342 - A

Date September 28, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag
		ozs/ton	ozs/ton
1.	38871	.003	.06
2.	38872	.065	L.01
3.	38873 RP-87-2	.013	L.01
4.	38874	.037	L.01
5.	38875	.407	L.01
6.	38876	.072	L.01
7.	38877 RP-87-3	.025	L.01
8.	38878	.010	L.01

L means "less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Derek A Sturdivant

Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.
Box 684
Smithers, B.C. V0J 2N0

Certificate No. K 8321
Date September 21, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag
		ozs/ton	ozs/ton
1.	38851 RP-87-4	.111	.17
2.	38852	.009	.06
3.	38853	.088	.20
4.	38854	.010	.03
5.	38855	L.001	.01
6.	38856	.103	.08
7.	38857	.007	.08
8.	38858	L.001	.03
9.	38859 R.P.-87-5	L.001	L.01
10.	38860	.193	.29

L means "less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Derek A Sinclair
Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.

Box 684

Smithers, B.C. V0J 2N0

Certificate No. K 8330

Date September 22, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag
		ozs/ton	ozs/ton
1.	38861	.59	.23
2.	38862	.003	L.01
3.	38863	L.001	.08
4.	38864	.010	L.01
5.	38865	.001	L.01
6.	38866	.265	.61
7.	38867	.016	.05
8.	38868	.015	.90
9.	38869	.009	.17
10.	38870	L.001	.11

L means "less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Derek A Blundell

Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.
Box 684
Smithers, B.C. V0J 2N0

Certificate No. K 8342
Date September 23, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag							
		ozs/ton	ozs/ton							
1.	38879	.005	L.01							
2.	38880	.036	.44							
3.	38881	.004	L.01							
4.	38882	.017	.82							
5.	38883	.025	.79							
6.	38884	.006	L.01							
7.	38885	.001	L.01							
8.	38886 RP-87-9	.002	L.01							
9.	38887	.013	.29							
10.	38888	.034	1.43							
11.	38889	.011	.14							
12.	38890	.011	L.01							
13.	38891	.019	L.01							
14.	38892	.025	L.01							
15.	38893	.004	.29							
16.	38894	.014	.06							
17.	38895	.005	L.01							
18.	38896	.003	L.01							
19.	38897	.006	L.01							
20.	38898	.016	L.01							

NOTE:
Rejects retained three weeks.
Pulps retained three months unless otherwise arranged.

Derek A Blumenauer
Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.

Certificate No. K 8342

Date September 23, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag
		ozs/ton	ozs/ton
21.	38899] RP-87-9	.006	L.01

L means "less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.
Box 684
Smithers, B.C. V0J 2N0

Certificate No. K 8350
Date September 28, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag
		ozs/ton	ozs/ton
1.	38900	.010	L.01
2.	38901	.006	L.01
3.	38902	.007	.14
4.	38903	.004	.06
5.	38904	.003	L.01
6.	38905	.013	.17
7.	38906	.148	.79
8.	38907	.003	L.01
9.	38908	.004	L.01
10.	38909	L.001	L.01
11.	38910	.002	L.01
12.	38911	L.001	L.01
13.	38912	.005	L.01
14.	38913	.018	L.01
15.	38914	.021	L.01
16.	38915	.016	L.01
17.	38916	.008	L.01
18.	38917	.002	L.01
19.	38918	L.001	L.01
20.	38919	.035	.44

R.P. 87-10

R.P. 87-11

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.

Certificate No. K 8350 - 2

Date

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag							
		ozs/ton	ozs/ton							
21.	38920	.035	L.01							
22.	38921	.001	L.01							
23.	38922	.009	L.01							
24.	38923	.006	L.01							
25.	38924	.002	L.01							
26.	38925	.005	.08							
27.	38926	.007	L.01							
28.	38927	.023	.73							
29.	38928	.019	L.01							
30.	38929	.022	.84							
	RP-87-11									
31.	38930	.005	L.01							
32.	38931	.021	.20							
33.	38932	L.001	L.01							
34.	38933	L.001	L.01							
35.	38934	.003	L.01							
36.	38935	.002	L.01							
37.	38936	L.001	L.01							
38.	38937	.003	L.01							
39.	38938	L.001	L.01							
40.	38939	L.001	L.01							

NOTE:
Rejects retained three weeks.
Pulps retained three months unless otherwise arranged.

Derek A Brummell

Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.

Certificate No. K 8350 - 3

Date

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag							
		ozs/ton	ozs/ton							
41.	38940	.056	1.43							
42.	38941	.043	.50							
43.	38942	.006	L.01							
44.	38943	.006	.08							
45.	38944	L.001	L.01							
46.	38945	L.001	L.01							
47.	38946	L.001	L.01							
48.	38947	.010	.26							
49.	38948	.003	L.01							
50.	38949	.009	L.01							
51.	38950	.094	L.01							
52.	38951	.022	L.01							
53.	38952	.004	L.01							
54.	38953	.010	L.01							
55.	38954	.046	L.01							
56.	38955	.002	L.01							
57.	38956	.001	L.01							
58.	38957	.002	L.01							
59.	38958	.002	L.01							
60.	38959	.013	L.01							

RP-87-11

RP-87-12

NOTE:
Rejects retained three weeks.
Pulps retained three months unless otherwise arranged.

Derek A Brummer

Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.

Certificate No. K 8350 - 4

Date

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag
		ozs/ton	ozs/ton
61.	38960	L.001	L.01
62.	38961	.007	L.01
63.	38962	L.001	L.01
64.	38963	L.001	L.01
65.	38964	.002	L.01
66.	38965	L.001	L.01
67.	38966	.015	.87
68.	38967	L.001	L.01
69.	38968	.140	2.51
70.	38969	.002	L.01
	RP-87-12		
71.	38970	.099	1.55
72.	38971	.027	.20
73.	38972	.043	1.05
74.	38973	.002	L.01
75.	38974	.021	1.16
76.	38975	.005	.11
77.	38976	.005	L.01
78.	38977	L.001	.17
79.	38978	L.001	L.01
80.	38979	.017	L.01

NOTE:
Rejects retained three weeks.
Pulps retained three months unless otherwise arranged.

Derek A Brumwell

Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.

Certificate No. K 8350 - 5

Date

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag							
		ozs/ton	ozs/ton							
81.	38980	L.001	.03							
82.	38981	.026	1.28							
83.	38982	.011	L.01							
84.	3898[illegible]	.062	.03							
85.	3898[illegible]	.002	L.01							
86.	38985 RP-87-12	.004	.29							
87.	38986	L.001	L.01							
88.	38987	L.001	.06							
89.	38988	.006	.11							
90.	38989	.005	.03							

L means "less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Derek A Brumwell

Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

**B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS**

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.
Box 684
Smithers, B.C. V0J 2N0

Certificate No. K 8376
Date September 30, 1987

I hereby certify *that the following are the results of assays made by us upon the herein described* _____ *samples*

Kral No.	Marked	Au	Ag
		ozs/ton	ozs/ton
1.	33776	.013	1.17
2.	33777	.061	1.57
3.	33778	.003	.52
4.	33779	L.001	.06
5.	33780	L.001	L.01
6.	33781	.049	2.27
7.	33782	.002	.29
8.	33783	.002	.35
9.	33784	.008	.20
10.	33785 RP-87-13	L.001	.06
11.	33786	L.001	.06
12.	33787	L.001	.14
13.	33788	L.001	.08
14.	33789	L.001	.03
15.	33790	.015	.20

L means "less than"

NOTE:
Rejects retained three weeks.
Pulps retained three months unless otherwise arranged.

Derek A Schmidt
Registered Assayer, Province of British Columbia

CTA
Member
Canadian Testing
Association

KAMLOOPS *RESEARCH & ASSAY* LABORATORY LTD.

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

B.C. LICENSED ASSAYERS
GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting ltd.
Box 684
Smithers, B.C. V0J 2N0

Certificate No. K 8387
Date October 5, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag							
		ozs/ton	ozs/ton							
1.	33791	L.001	L.01							
2.	33792	.054	L.01							
3.	33793	.004	L.01							
4.	33794	.056	1.52							
5.	33795	L.001	L.01							
6.	33796	L.001	L.01							
7.	33797	L.001	L.01							
8.	33798	L.001	L.01							
9.	33799	L.001	.17							
10.	33800	.002	.41							
11.	33801	L.001	L.01							
12.	33802	.176	.70							
13.	33803	.019	.99							
14.	33804	.002	L.01							
15.	33805	.002	.99							
16.	33806	L.001	L.01							
17.	33807	L.001	L.01							
18.	33808	L.001	L.01							
19.	33809	L.001	L.01							
20.	33810	.019	1.22							

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Derek A Brandell

Registered Assayer, Province of British Columbia

Member
Canadian Testing
Association

912 - 1 LAVAL CRESCENT — KAMLOOPS, B.C.
V2C 5P5
PHONE: (604) 372-2784 — TELEX: 048-8320

GEOCHEMICAL ANALYSTS
METALLURGISTS

CERTIFICATE OF ASSAY

TO M.P.D. Consulting Ltd.

Certificate No. K 8387 - 2

Date October 5, 1987

I hereby certify that the following are the results of assays made by us upon the herein described _____ samples

Kral No.	Marked	Au	Ag							
		ozs/ton	ozs/ton							
21.	33811	L.001	L.01							
22.	33812	L.001	L.01							
23.	33813	L.001	.35							
24.	33814	L.001	.11							
25.	33815	.008	.58							
26.	33816	L.001	.05							
27.	33817	L.001	.05							
28.	33818	L.001	.17							
29.	33819	.002	.11							
30.	33820	.006	1.63							
31.	33821	L.001	L.01							
32.	33822	L.001	L.01							
33.	33823	.008	.87							
	L means "less than"									

NOTE:
Rejects retained three weeks.
Pulps retained three months
unless otherwise arranged.

Derek A Samuel

Registered Assayer, Province of British Columbia

HAWK-GEM
DRILL PLAN
FIGURE 5

LEGEND

V_2	Andesite
D	Tuff
mr	maroon
Qv	Quartz vein
L	Lapilli
/30°	Strike/Dip
	Scarp
	Outcrop
	Pit
	Vein
	Road

REPEATER 1

BLASTED PITS

OUTCROP AREA

OUTCROP AREA

RP-87-03

RP-87-02

RP-87-1

NORANDA TRENCHES

HW-85-27/28 (Noranda Drill Holes)

HAWK M.C.

Creek

12,200N

12,100N

SW CORNER POST HAWK M.C.

0 5 10 20 25 30 35 Meters

SCALE: 1:500

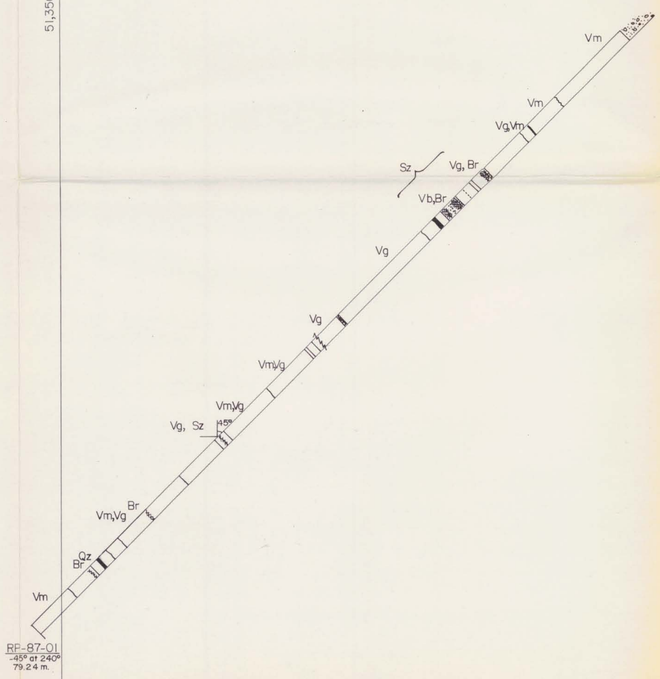
Oct/87 / A.H.

51,350 E

1650 m.

1600 m.

1550 m.



LEGEND

- Vm — ANDESITE LAPILLI-TUFF ± AGGLOMERATE; MINOR FLOWS Maroon
- Vg — Green
- Vb — Bleached
- V3 — DACITE LAPILLI-TUFF; GREY
- S4 — ARGILLITE ± GRAPHITE
- Qz — QUARTZ VEIN
- FAULT
- SZ — SMALL SCALE SHEAR ZONE
- BRECCIATION, WEAK, STRONG

0 5 10 15 20 25 Metres

SCALE 1:250

FIGURE 6 DDH #1

TEESHIN RESOURCES INC.

DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION

HAWK ZONE

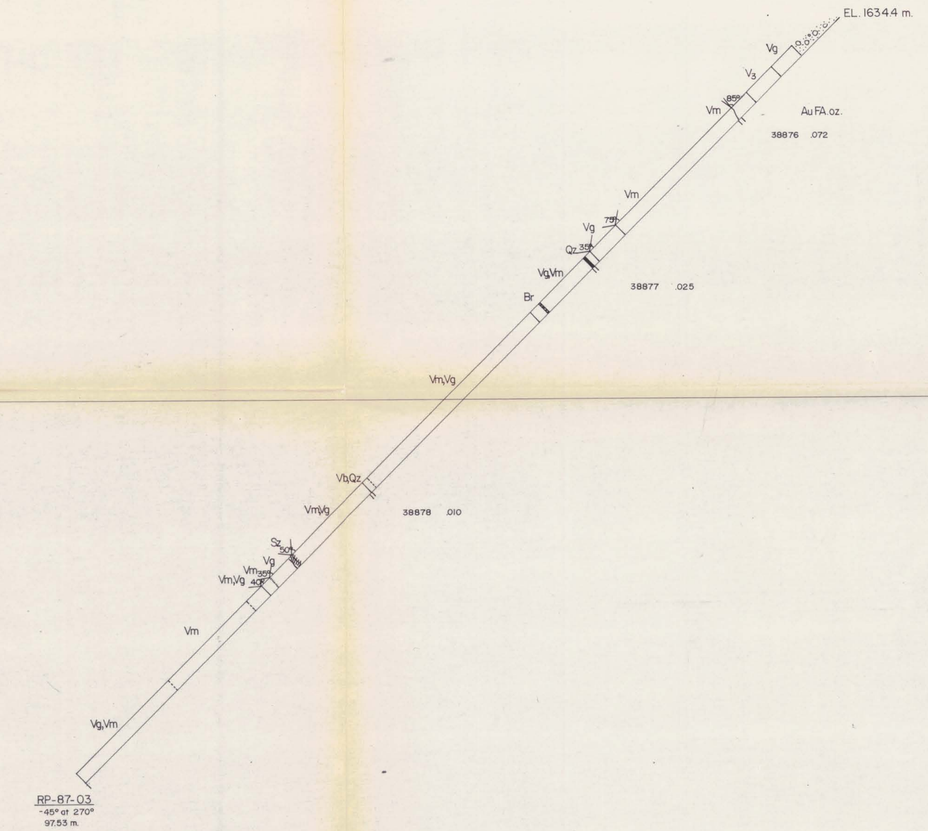
SECTION 52,350

Geology by:	Date: Sept./87	Figure:

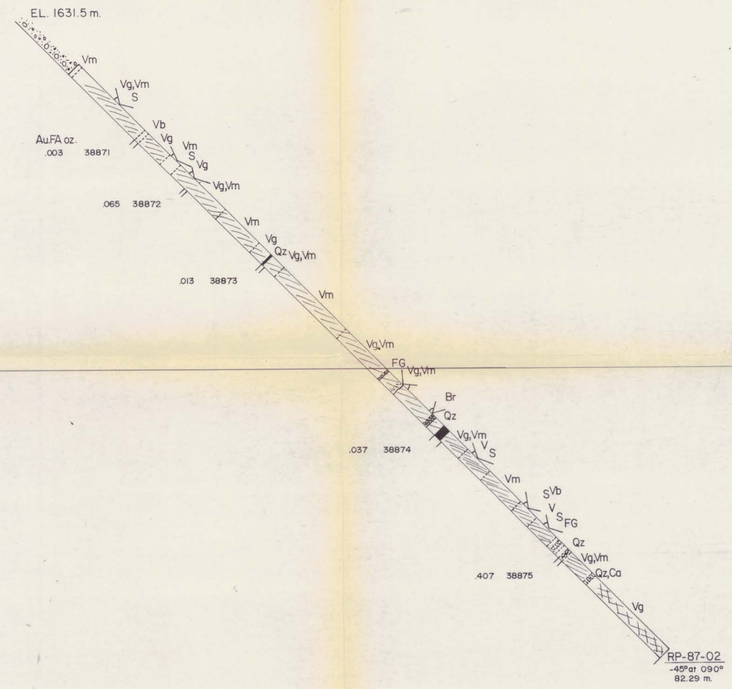
1650 m.

51,350 E

1650 m.



1600 m.



1600 m.

1550 m.

1550 m.

LEGEND

- Vm — ANDESITE LAPILLI-TUFF ± AGGLOMERATE; MINOR FLOWS — Maroon
- Vg — Green
- Vb — Bleached
- V3 — DACITE LAPILLI-TUFF; GREY
- S4 — ARGILLITE ± GRAPHITE
- Qz — QUARTZ VEIN
- S — STRONGLY DEVELOPED SCHISTOSITY
- SMALL SCALE SHEAR ZONE
- BRECCIATION, WEAK, STRONG
- FG — FAULT GOUGE, BARREN, MINERALIZED
- Qz,Ca — QUARTZ-CARBONATE VEIN, BARREN, MINERALIZED

0 5 10 15 20 25 Metres

SCALE 1:250

Fig 7

FIGURE 7 DDH # 2, 3

TEESHIN RESOURCES LTD.

DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION
HAWK ZONE
SECTION 51,350 E

Geology by:	Date: Sept./87	Figure:

FIGURE 8
JANE/CHISOLM-ZONE

SNOWDROP

DOME

NO. 5

NO. 6

Jane Adit

JANE VEIN ADIT

Spoils

Chisolm Shaft

RP-87-04

RP-87-05

RP-87-06

RP-87-07

514

515

516

517

518

519

500 NW

400NW

330 NW

273 NW

200 NW

TRUE NORTH

UTM NORTH

68,100

68,000

67,900

67,800

52,100

52,200

52,300

52,400

SCALE: 1:1000

0 10 20 30 40 50 60 70 m.

1500 m.

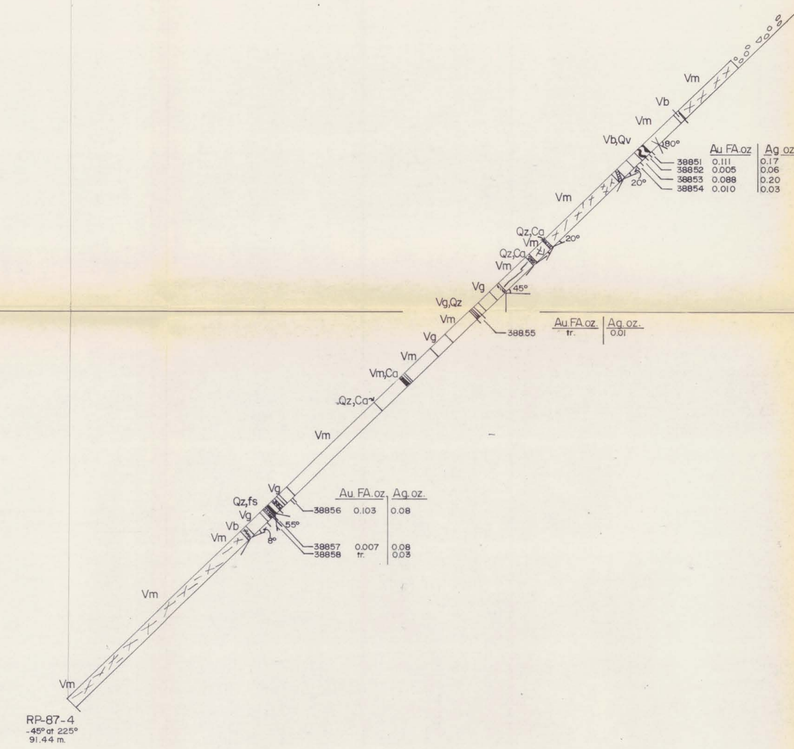
1500m.

1450 m.

1450m.

1400 m.

1400 m.



LEGEND

Vm	ANDESITE LAPILLI-TUFF ± AGGLOMERATE; MINOR FLOWS Maroon
Vg	Green
Vb	Bleached
V3	DACITE LAPILLI-TUFF; GREY
S4	ARGILLITE ± GRAPHITE
Qz	QUARTZ VEIN
Qz,Ca	QUARTZ-CARBONATE VEIN, BARREN, MINERALIZED
Fs	FUSHITE
	BRECCIATION, WEAK, STRONG

0 5 10 15 20 25 Metres

SCALE 1:250

FIGURE 9 DDH #4

TEESHIN RESOURCES LTD.

DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION

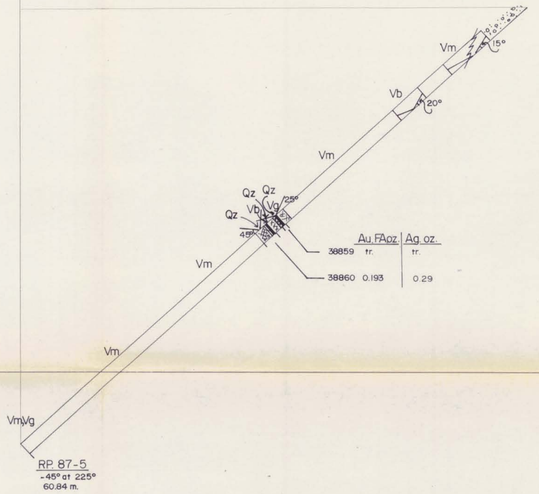
CHISOLM ZONE
SECTION 273 N.W.

Geology by:	Date: Sept/87	Figure:

1500 m.

1450 m.

1400 m.



LEGEND

Vm	ANDESITE LAPILLI-TUFF ± AGGLOMERATE ; MINOR FLOWS Maroon
Vg	Green
Vb	Bleached
V3	DACITE LAPILLI-TUFF ; GREY
S4	ARGILLITE ± GRAPHITE
Qz	QUARTZ VEIN

0 5 10 15 20 25 Metres

SCALE 1:250

FIGURE 10

DDH # 5

TEESHIN RESOURCES LTD.

DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION

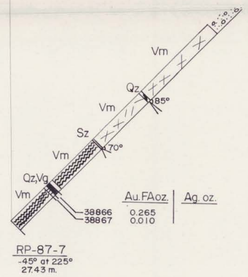
CHISOLM ZONE
SECTION 330 N.W.

Geology by:	Date: Sept./87	Figure:

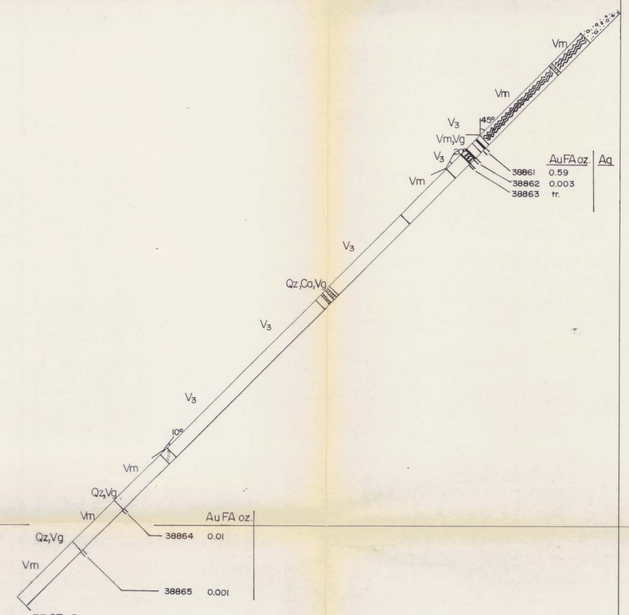
1500 m.

1450 m.

1400 m.



RP-87-7
-45° at 225°
27.43 m.



RP 87-6
-45° at 225°
76.20 m.

LEGEND

- Vm — ANDESITE LAPILLI-TUFF ± AGGLOMERATE; MINOR FLOWS — Maroon
- Vg — Green
- Vb — Bleached
- V3 — DACITE LAPILLI-TUFF; GREY
- S4 — ARGILLITE ± GRAPHITE
- Qz — QUARTZ VEIN
- Qz,Ca — QUARTZ-CARBONATE VEIN, BARREN, MINERALIZED
- CRENULATION OF BEDDING/FOLIATION
- Sz — SMALL SCALE SHEAR ZONE
- BRECCIATION, WEAK, STRONG
- FAULT GOUGE, BARREN, MINERALIZED

0 5 10 15 20 25 Metres
SCALE 1:250

FIGURE 11 DDH #6,7

TEESHIN RESOURCES LTD.

DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION

CHISOLM ZONE
SECTION 400 N.W.

Geology by:	Date: Sept/87	Figure:

52,300E
52,400E
52,500N
52,600N
52,700E
52,800E
68,800N
68,700N
68,600N
68,500N
TRUE NORTH
UTM NORTH
RP-87-13
RP-87-14
RP-87-12
RR-87-11
RP-87-08
RP-87-10
RP-87-09
TR-86-11
TR-86-10
TR-86-9
TR-86-12
TR-86-14
TR-86-15
TR-86-15
C-85-33
C-85-31
C-85-32
C-85-32
DM-86-06
DM-86-4
DM-86-07
DM-86-08
DM-86-10
DM-86-09
PAD-A
DM-86-2
PAD-C
PAD-E
PAD-B
DM-86-3
PAD-D
PAD-A
Federal Creek
Prospect shaft
water filled
no o/c
old trail
GRIZZLY
DOME
PORKY
(PORCUPINE)
ELK
SCALE: 1:1000
0 10 20 30 40 50 60 70 m.

CABIN AND FEDERAL ZONES

FIGURE 12

68,800 N

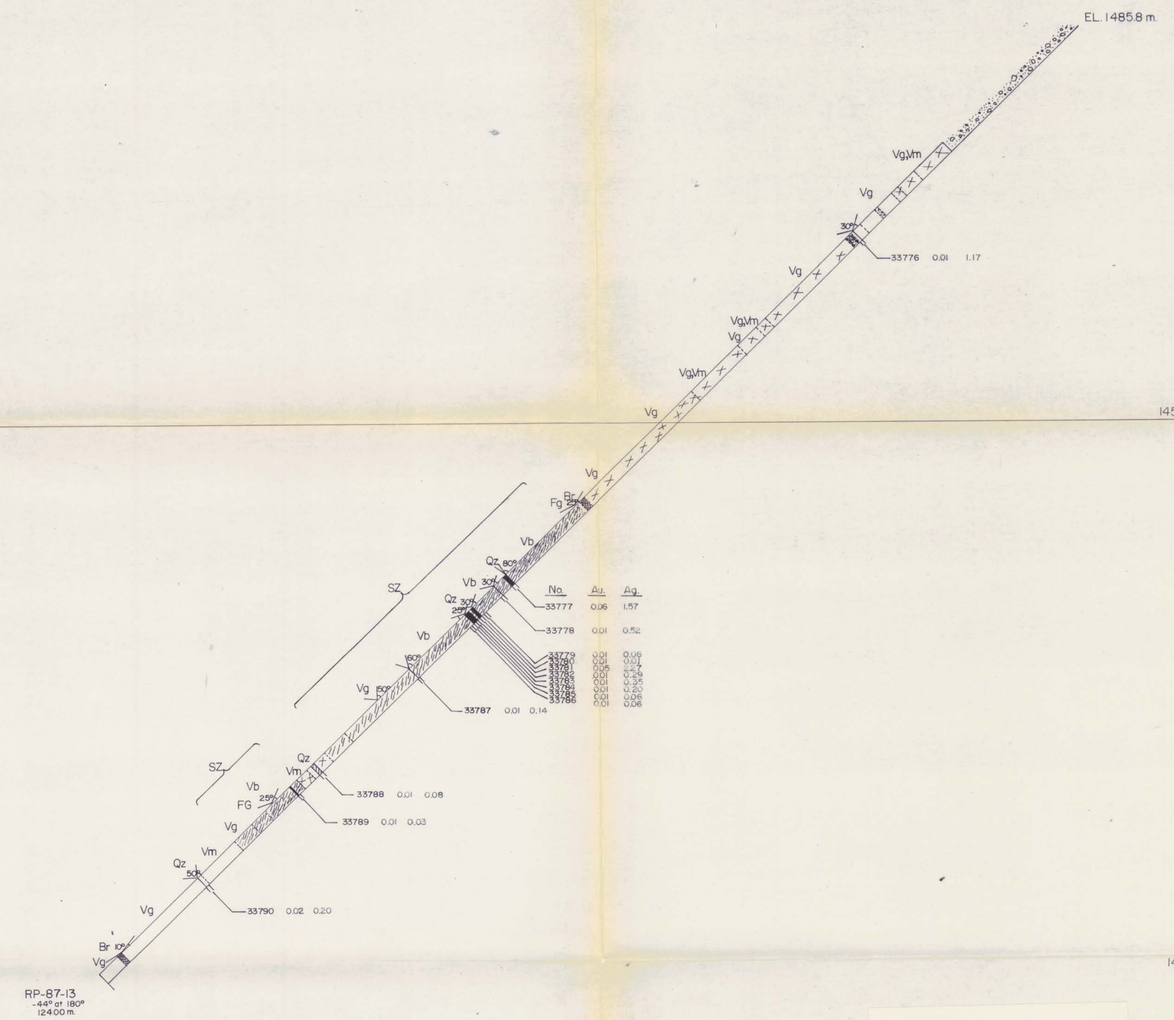
68,700 N

1500 m.

1450 m.

1400m.

Baseline



LEGEND

- Vm — ANDESITE LAPILLI-TUFF ± AGGLOMERATE; MINOR FLOWS — Maroon
- Vg — Green
- Vb — Bleached
- V3 — DACITE LAPILLI-TUFF; GREY
- S4 — ARGILLITE ± GRAPHITE
- Qz — QUARTZ VEIN
- Br — BRECCIATION, WEAK; STRONG
- FG — Fault Gouge, barren, mineralized

0 5 10 15 20 25 Metres

SCALE 1:250

FIGURE 13 DDH #13

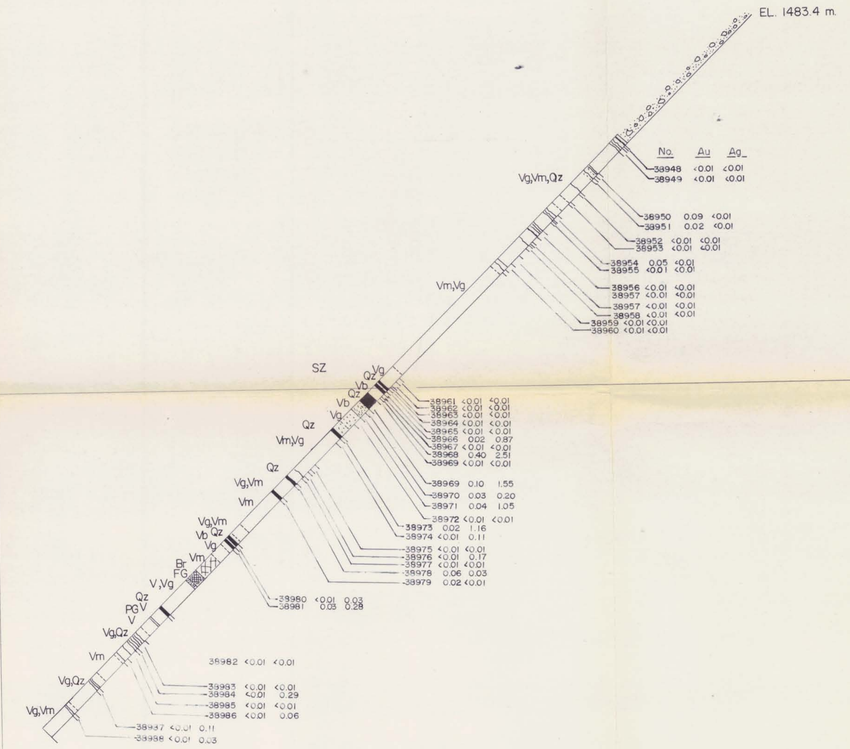
TEESHIN RESOURCES INC.

DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION

CABIN ZONE
SECTION 52,350

Geology by: | Date: Sept./87 | Figure:



LEGEND

- Vm — ANDESITE LAPILLI-TUFF ± AGGLOMERATE; MINOR FLOWS — Maroon
- Vg — Green
- Vb — Bleached
- V3 — DACITE LAPILLI-TUFF; GREY
- S4 — ARGILLITE ± GRAPHITE
- Qz — QUARTZ VEIN
- FG — FAULT GOUGE, BARREN; MINERALIZED
- SZ — SMALL SCALE SHEAR ZONE
- BRECCIATION, WEAK; STRONG

0 5 10 15 20 25 Metres
SCALE 1:250

FIGURE 14 DDH # 12

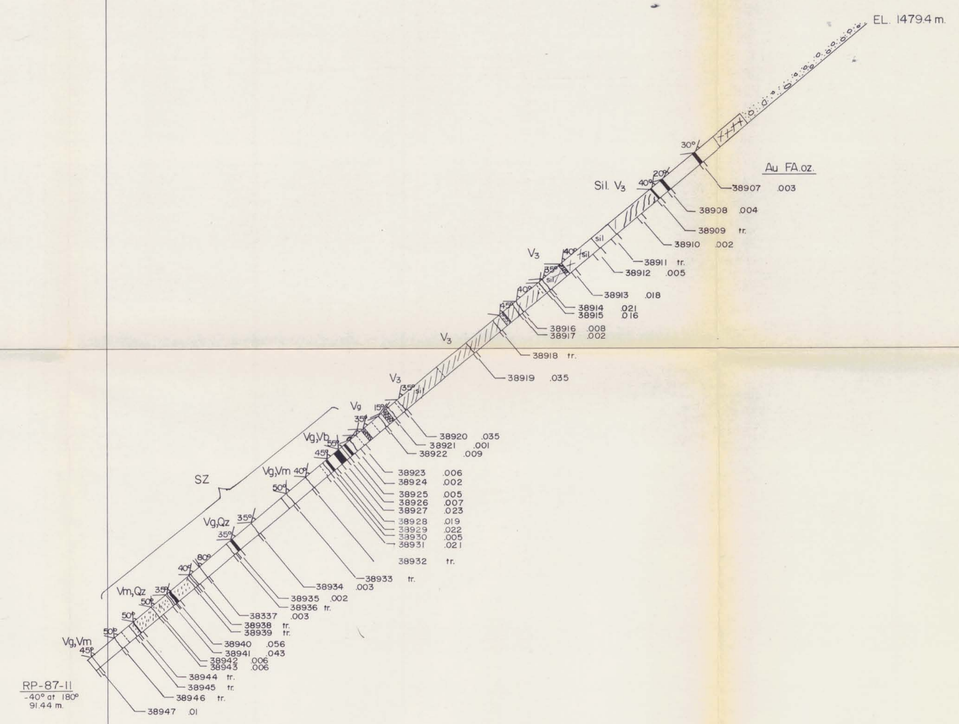
TEESHIN RESOURCES LTD.

DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION

CABIN ZONE
SECTION 52,410

Geology by: | Date: Sept./87 | Figure:



LEGEND

- Vm — ANDESITE LAPILLI-TUFF ± AGGLOMERATE; MINOR FLOWS — Maroon
- Vg — Green
- Vb — Bleached
- V3 — DACITE LAPILLI-TUFF; GREY
- S4 — ARGILLITE ± GRAPHITE
- Qz — QUARTZ VEIN
- SZ — SMALL SCALE SHEAR ZONE

0 5 10 15 20 25 Metres

SCALE 1:250

FIGURE 15 DDH #11

TEESHIN RESOURCES LTD.

DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION

CABIN ZONE

SECTION 52,455 E

Geology by:	Date: Sept/87	Figure:

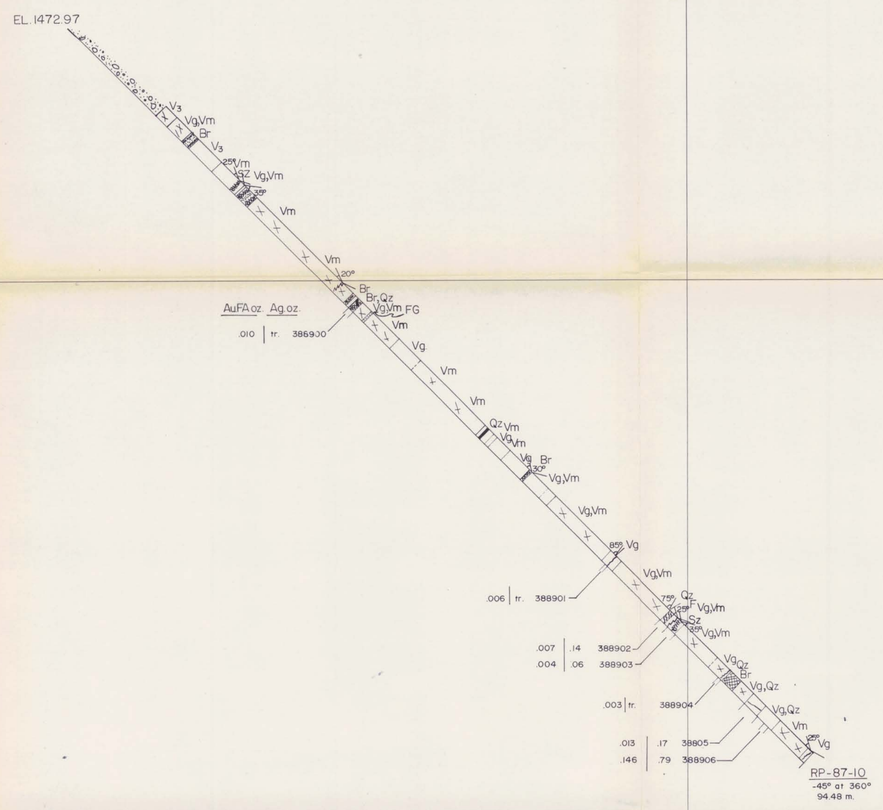
1500 m.

1450 m.

1400 m.

68,700 N

Baseline



1500 m.

1450 m.

1400 m.

LEGEND

- Vm — ANDESITE LAPILLI-TUFF ± AGGLOMERATE; MINOR FLOWS, Maroon
- Vg — Green
- Vb — Bleached
- V3 — DACITE LAPILLI-TUFF; GREY
- S4 — ARGILLITE ± GRAPHITE
- Qz — QUARTZ VEIN
- FG — FAULT GOUGE, BARREN, MINERALIZED
- FAULT
- SZ — SMALL SCALE SHEAR ZONE
- BRECCIATION, WEAK; STRONG

0 5 10 15 20 25 Metres

SCALE 1:250

FIGURE 16 DDH #10

TEESHIN RESOURCES LTD.

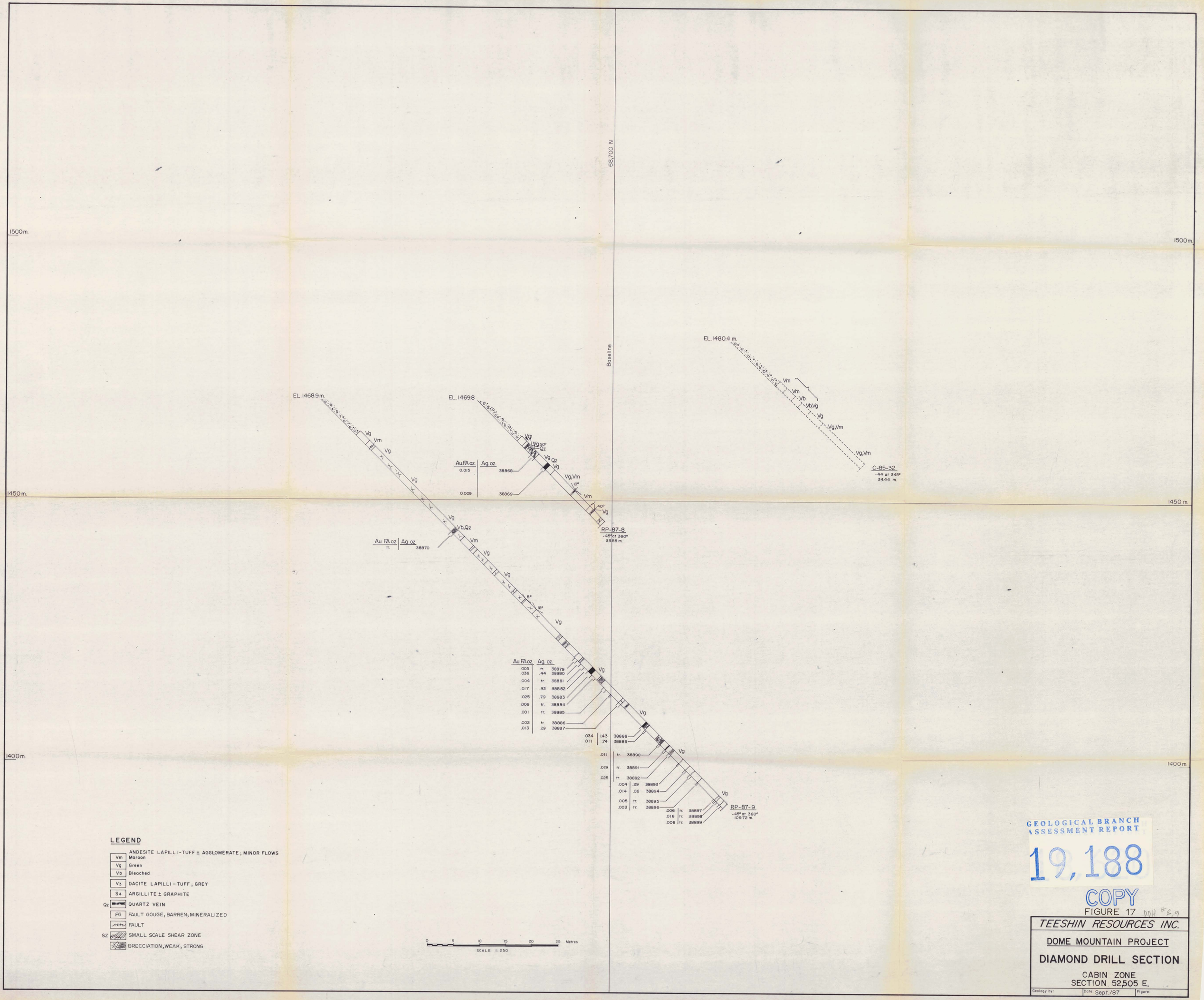
DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION

CABIN ZONE

SECTION 52,475

Geology by:	Date: Sept./87	Figure:



LEGEND

- Vm — ANDESITE LAPILLI-TUFF ± AGGLOMERATE; MINOR FLOWS Maroon
- Vg — Green
- Vb — Bleached
- V3 — DACITE LAPILLI-TUFF; GREY
- S4 — ARGILLITE ± GRAPHITE
- Qz — QUARTZ VEIN
- FG — FAULT GOUGE, BARREN, MINERALIZED
- FAULT
- SZ — SMALL SCALE SHEAR ZONE
- BRECCIATION, WEAK, STRONG

FIGURE 17 DDH #8,9

TEESHIN RESOURCES INC.

DOME MOUNTAIN PROJECT

DIAMOND DRILL SECTION

CABIN ZONE
SECTION 52,505 E.

Geology by: | Date: Sept./87 | Figure: