REPORT ON

DIAMOND DRILLING (RP89:25-31)

DOME MOUNTAIN

Omineca Mining Division

British Columbia

93 10 E
54° 44'
126° 39'

Anthony L'Orsa, F.G.A.C.

Smithers, B.C.

4 January 1990

TABLE OF CONTENTS

INTRODUCTION

Seven diamond drill holes, designated RP89-25 through 31, were drilled on Dome Mountain claims during the period 10-24 August 1989. These holes accounted for 945.49 m (3102 ft) of drilling, the purpose of which was to explore IP anomalies (Nickson, 1988) generated in an area where gold-bearing veins are known to occur.

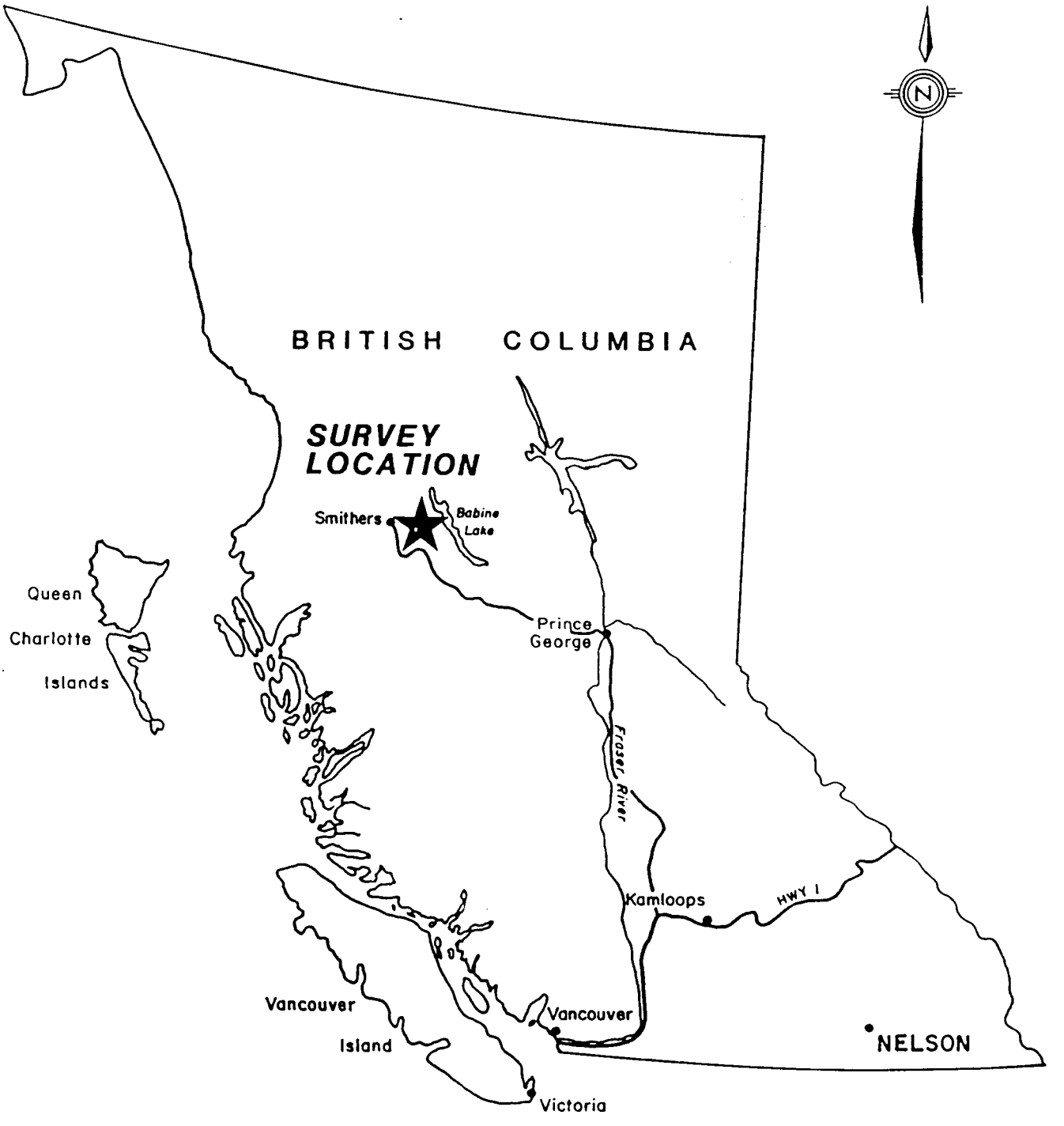
The contractor was J.T.Thomas Diamond Drilling Ltd of Smithers, B.C. The drill used was a Longyear 44 and the core size is NQ. The core is stored in Smithers by Teeshin Resources Ltd. Assays and geochemical analyses were done by Min-En Laboratories of North Vancouver, B.C. Coordinates shown on the logs and used for plotting holes are field coordinates.

LOCATION AND ACCESS

Dome Mountain is 31 km east of Smithers, B.C., at 54° 45' north latitude and 126° 39' west longitude, and is shown on maps 93L/10 and 15. The Chapman Lake Forest Road provides good access all year from either Smithers or Houston to the eastern base of the mountain. A branch road leaves the Chapman Lake Forest Road at about km 68.75 and provides 4-wheel drive access through the claims. The distance to the branch road from Smithers is approximately 62 km.

Drill holes RP 89: 26-31 were drilled relatively high on Dome Mountain in an area west of Boulder Creek (Fig. 4). RP89: 25 was drilled at the southeastern base of the mountain at the proposed mill site (Fig. 3).

The area is generally free of snow from June until October.



Kilometres
0 50 100 150 200 250 300

0 50 100 150 200 250 300
Miles

FIGURE 1

TEESHIN RESOURCES LTD.	
DOME MOUNTAIN PROJECT	
SURVEY LOCATION MAP	
SCALE : 1:7,500,000	DATE : Dec. 1989

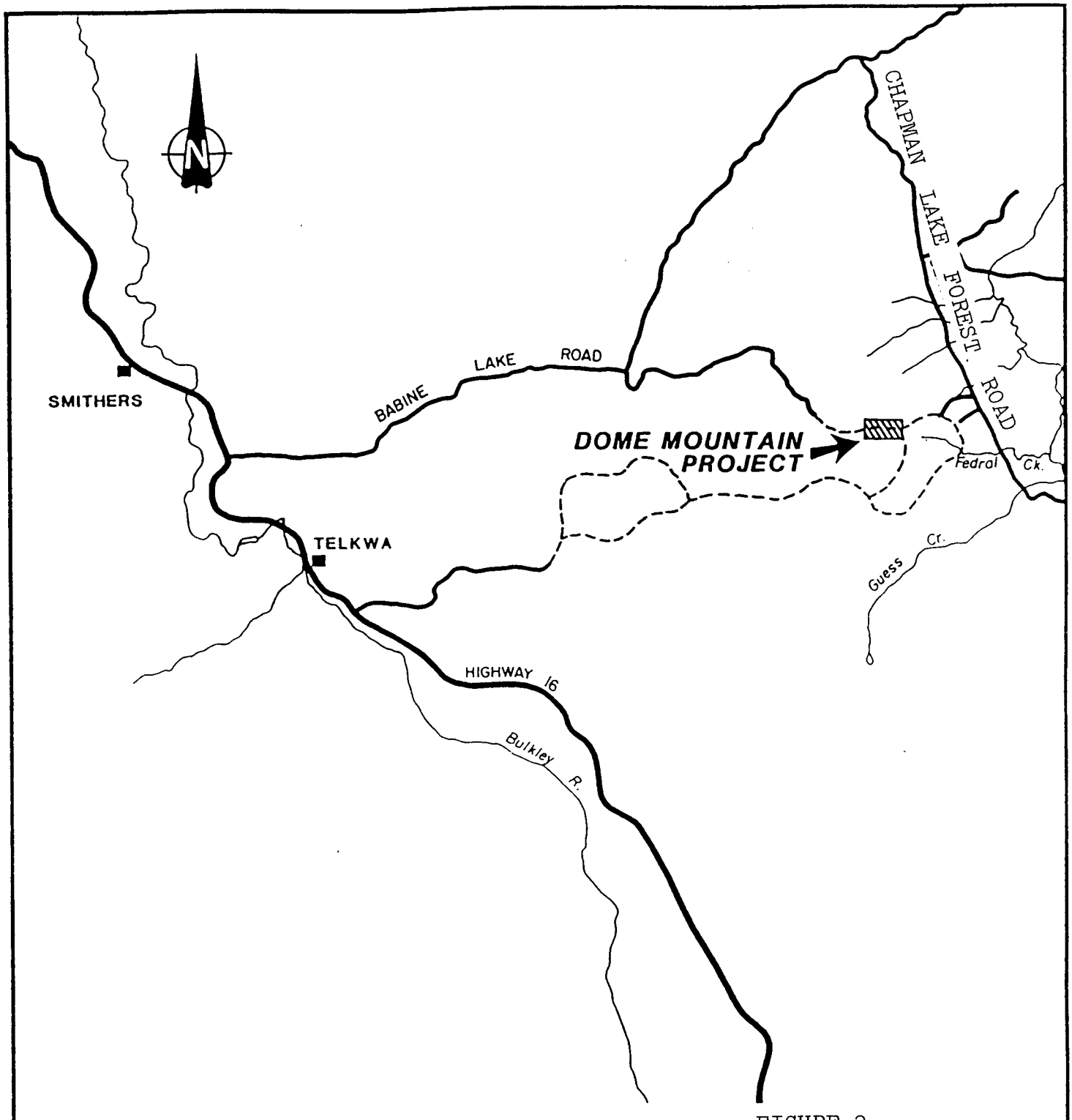


FIGURE 2

TEESHIN RESOURCES LTD.	
DOME MOUNTAIN PROJECT	
SURVEY LOCATION MAP	
SCALE : 1:250,000	DATE : Dec. 1989

Kilometres

0 5 10 15 20

0 5 10

Miles

PHYSIOGRAPHY

Dome Mountain is a glacially rounded summit that reaches an elevation of 1753 m above sea level, and that marks the most southeasterly occurrence of alpine elevations in the Babine Range. The slopes of the mountain vary between gentle and steep, but cliffs are rare. The middle and lower slopes support stands of balsam fir, spruce, pine, and a few decidious species.

Several creeks, including Federal Creek and its major tributary Boulder Creek, run all year and can provide sufficient water for drilling and mining purposes.

CLAIMS AND OWNERSHIP

The drilling was done on the following mineral claims:

DDH	Claim	Record No.	Group
RP89: 30,31	Dome L2903	1538	Dome North
" 29	Porcupine	1551	"
" 26,27	Dome 5	1627	"
" 28	Dome 6	1628	Forks
" 25	Dome B	3566	"

Teeshin Resources Ltd, 100 - 581 Argus Road, Oakville, Ontario, L6J 3J4, is the recorded holder of the claims, subject to various agreements.

PREVIOUS WORK

Mineral occurrences on Dome Mountain were first staked in 1898 by W.B.(Tom)Forrest (The Interior News, 26 September 1923). Considerable work, both surface and underground, was done in 1923-1924 by the Dome Mountain Gold Mining Co. Ltd, a subsidiary of American Smelting and Refining Co. of New York City.

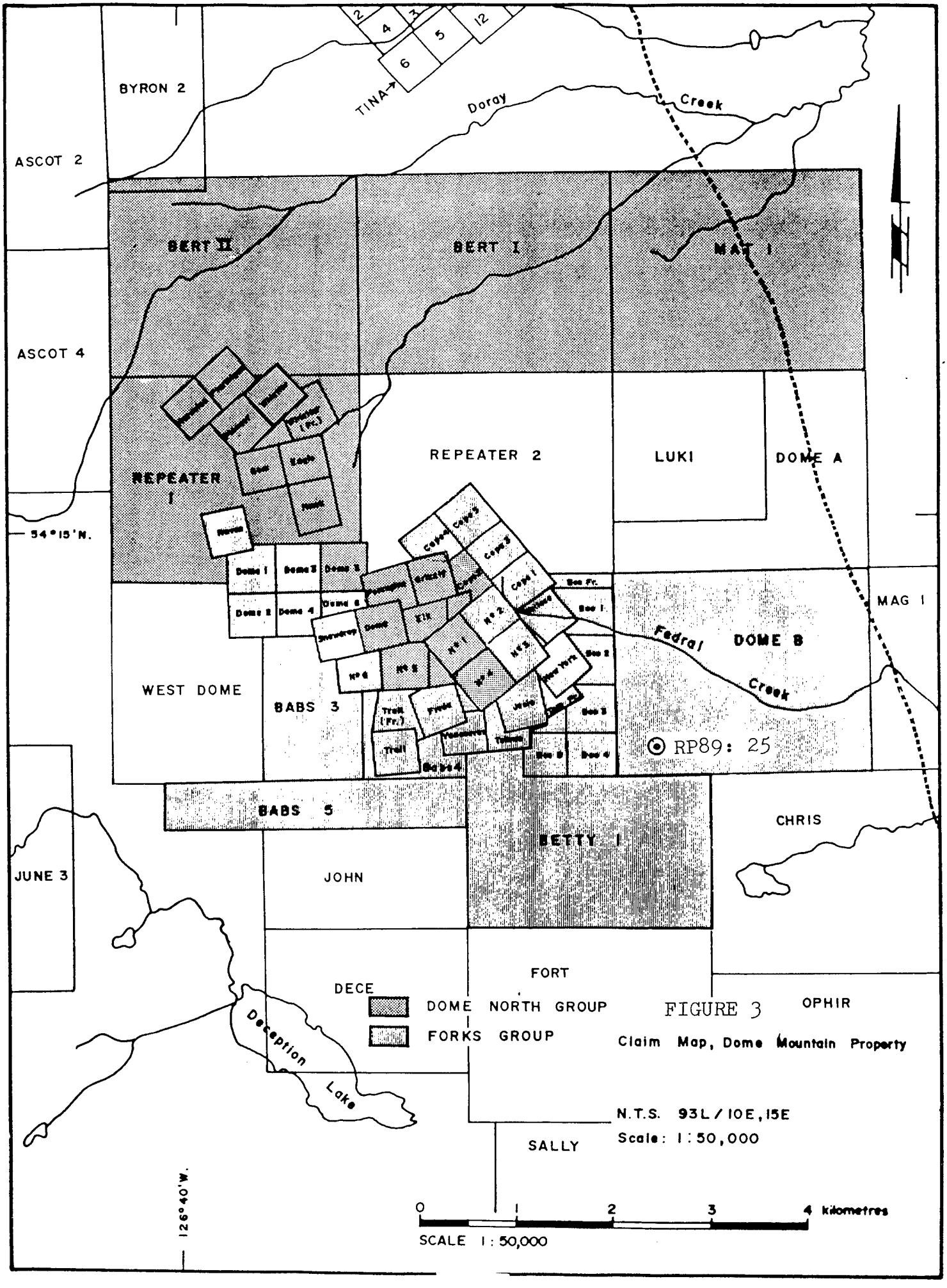


FIGURE 3

Claim Map, Dome Mountain Property

Very little was accomplished thereafter (except on the Freegold prospect - a separate property) until 1984 when Noranda Exploration Co. Ltd optioned the claims and initiated a comprehensive program of geological, geochemical and geophysical surveys and diamond drilling (Myers, 1986) that is still in progress, but that is now under the direction of M.P.D.Consultants Inc.

As of the summer of 1989, undiluted geological reserves of 265,260 tons of ore grading 0.416 opt gold and 2.66 opt silver had been outlined by diamond drilling and in an exploration adit in the Boulder Creek area of the property (Melling, 1989).

GEOLOGY

Dome Mountain is on the Skeena Arch, near the southern edge of the Bowser Basin. The area is mainly underlain by eugeosynclinal volcanic and sedimentary rocks of Early to Middle Jurassic age, cut by a few granitic to dioritic intrusions. The geology has been mapped by Tipper (1976), and the regional geological setting has been discussed by Tipper and Richards (1976).

The rocks exposed on Dome Mountain are predominately basaltic and andesitic pyroclastics that range from tuffs to volcanic breccias. Lapilli tuffs appear to be most common. The volcanic rocks are generally shades of red and grey. Sequences of sedimentary rocks, including volcaniclastic sandstones and graphitic siltstones, have been found on the western and southern slopes of the mountain.

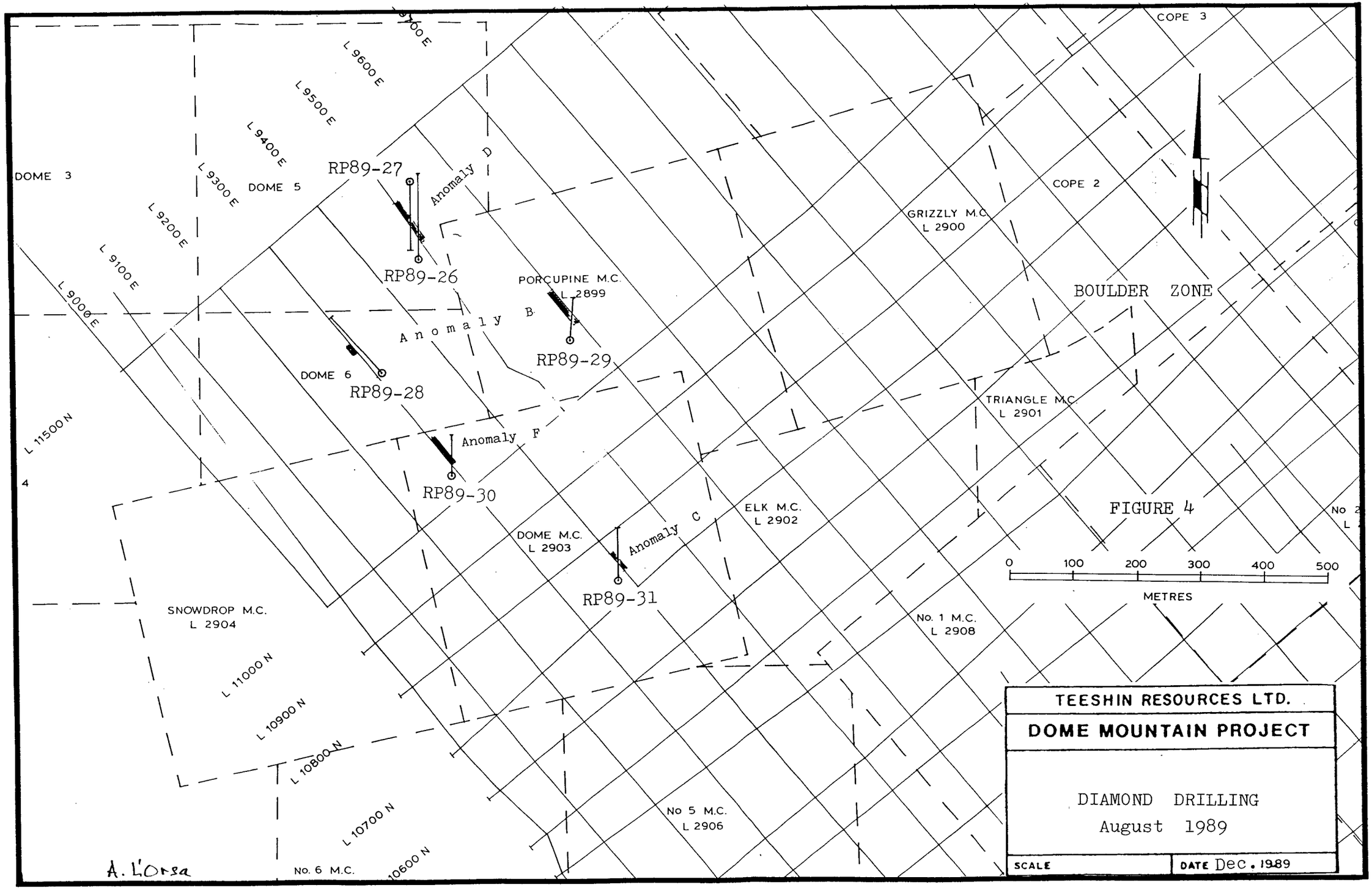
Quartz veins containing gold, silver, and base metals occur in both volcanic and sedimentary rocks on Dome Mountain. The veins are structurally controlled and are associated with both brittle and ductile deformation.

DISCUSSION

Drill holes RP89: 26-31 all encountered sulphide mineralization in the vicinity of IP anomalies. Metallic minerals of economic interest found in these anomalies are pyrite, chalcopyrite, galena, sphalerite and, rarely, tetrahedrite. Typically, these minerals occur in quartz-carbonate-chlorite veins associated with shear zones or faults. Barite veins were intersected in RP89: 28 and 30. Graphite in siltstones appears to have provided the IP anomaly tested by RP89: 25. Assay results are shown in Appendix 2.

In holes RP89: 26-31, the drill cut thick sections of hematitic rocks that exhibit many shades of red separated by greyish sections that may reflect environment of deposition or alteration, or both. There is a spatial association between mineralized quartz veins and greyish, pyrite-bearing rocks within reddish hematitic sections. The colour change may be a product of sulphidation reactions. Analyses for iron in adjacent hematitic and pyritic sections in RP89: 30 revealed only a slight increase in iron in the pyritic section, suggesting that most, if not all, of the iron in the pyrite came from hematite.

The volcanic rocks found on Dome Mountain have long been called "andesites". The results of a whole rock analysis of a relatively fresh hematitic sample collected from RP89: 30 plot in the basaltic trachyandesite field on the total alkali against silica diagram recently adopted by the International Union of Geological Sciences (Sabine, 1989).


L 9700 E
L 9600 E
L 9500 E
L 9400 E
L 9300 E
L 9200 E
L 9100 E
L 9000 E
L 11500 N
L 11000 N
L 10900 N
L 10800 N
L 10700 N
L 10600 N
DOME 3
DOME 5
DOME 6
RP89-27
RP89-26
RP89-28
RP89-29
RP89-30
RP89-31
Anomaly D
Anomaly B
Anomaly F
Anomaly C
PORCUPINE M.C.
L 2899
GRIZZLY M.C.
L 2900
COPE 3
COPE 2
BOULDER ZONE
TRIANGLE M.C.
L 2901
ELK M.C.
L 2902
DOME M.C.
L 2903
SNOWDROP M.C.
L 2904
No. 1 M.C.
L 2908
No 5 M.C.
L 2906
No. 6 M.C.
0 100 200 300 400 500
METRES
FIGURE 4
TEESHIN RESOURCES LTD.
DOME MOUNTAIN PROJECT
DIAMOND DRILLING
August 1989
SCALE
DATE Dec. 1989
A. L'Orsa

CONCLUSIONS

Quartz-carbonate-pyrite veins were intersected in the drill holes in zones of IP anomalies. Although subeconomic in the sections recovered, some of the veins carry chalcopyrite, galena, sphalerite and tetrahedrite together with anomalous amounts of gold and silver. The drilling results have demonstrated that IP surveys can be effective in exploring for relatively narrow sulphide-bearing veins on Dome Mountain.

The rocks cored in RP89:26-31 are predominately hematitic andesitic-basaltic subaerial pyroclastics. A whole rock analysis indicates that these rocks include basaltic trachy-andesite.

Alteration associated with veins of economic interest on Dome Mountain included sulphidation of hematite which yielded pyritized greyish envelopes around veins in otherwise generally reddish hematitic rocks.

A. L'Orsa, Geologist

REFERENCES

Melling, D., 1989, Evaluation and audit of ore reserves contained in the Boulder and Argillite zones...Dome Mountain project...: Report for Teeshin Resources Ltd, 18 p.

Myers, D., 1986, Report on geology, geophysics, geochemistry and trenching, Dome Mountain: Report for Noranda Exploration Co. Ltd, 70 p.

Nickson, R., 1988, Report on induced polarization and resistivity surveys, Dome Mountain property...: Quantech Consulting Inc., Toronto, Ont., report for Teeshin Resources Ltd, 16 p.

_____ 1988, Report on induced polarization and resistivity surveys, mill site property...: Quantech Consulting Inc., Toronto, Ont., report for Teeshin Resources Ltd, 9 p.

Sabine, P.A., 1989, Setting standards in petrology: The Commission on Systematics in Petrology: Episodes, v. 12, p 84-86.

Tipper, H.W., 1976, Smithers map area, British Columbia: Geol. Survey of Canada, O.F. 351 (geological map).

Tipper, H.W., and Richards, T.A., 1976, Jurassic stratigraphy and history of north-central British Columbia: Geol. Survey of Canada, Bull. 270, 73 p.

STATEMENT OF COSTS

DIAMOND DRILLING:	945.49 m @ $68.898/m	$65,142.00
SUPERVISION, CORE LOGGING AND REPORT:	S.Jenner, R.Holland and A.L'Orsa; 20 man days @ $300/day	6,000.00
ANALYSES:	93 samples, Au and Ag @ $16.50 ea.	1,534.50
	47 samples, ICP @ $7.00 ea.	329.00
	3 samples, whole rock @ $33.75 ea.	101.25
VEHICLE:	4X4 truck, 14 days @ $60/day	840.00
		$73,946.75

A. L'Orsa

Anthony L'Orsa

CERTIFICATE

I, Anthony T. L'Orsa of Smithers, British Columbia, hereby certify that:

1. I am a geologist with business address at Adams Road, R.R. 2, Smithers, B.C., V0J 2N0.

2. I am a graduate of Tulane University, New Orleans, La., U.S.A. with the degrees of B.Sc. (1961) and M.Sc. (1964) in geology.

3. I have practised my profession in mineral exploration since 1962 in western Canada, Australia and Mexico.

4. I am a Fellow in good standing of the Geological Association of Canada and a member of the Society for Geology Applied to Mineral Deposits.

A. L'Orsa

Anthony L'Orsa

APPENDIX 1

Diamond Drill Logs

DIAMOND DRILL RECORD

NAME OF PROPERTY Dome Mountain Project
HOLE NO. RP-89-25 LENGTH 132.89 METRES
LOCATION SW Corner Dome B, Proposed Lower Federal Creek Mill Site
LATITUDE 10C N DEPARTURE 300 E
ELEVATION EL 1000.00 AZIMUTH 020° DIP -45°
STARTED ____ FINISHED August 12, 1989

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH
0	-45°	020°			
132.89	-47°	—			

HOLE NO. RP-89-25 SHEET NO. 1 of 4
REMARKS ____
LOGGED BY Steve Jenner

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS oz/ton Au FA	ASSAYS oz/ton
0.00	12.50	CASING, OVERBURDEN No recovery, casing pulled									
12.50	27.40	ANDESITE LAPILLI TUFF Generally gray to gray-white, heterogeneous lapilli tuff; varies in density and size of lapilli fragments over length of unit; frequent barren white qtz stringers at various CA's; from 12.50 to about 16.00 m random rusty fractures	4320	1	17.50	18.05	0.55			0.001	
			4321	1	18.05	19.00	0.95			0.001	
			4322	tr	19.00	20.00	1.00			0.001	
			4323	1	20.00	21.00	1.00			0.001	
			4324	1	21.00	21.75	0.75			0.001	
		@ 17.50 to 21.75 Medium to coarse, crowded lapilli fragments in a darker gray, very fine grained, chloritic (?) groundmass; locally 2-3% brassy granular to cubic py (apparently in both fragments and groundmass; 0.03 m silty gray gouge at 18.58 m; arbitrary limits to subunit since gradational to finer grained lapilli tuff over ~0.3 metre; some lapilli fragments rimmed by black chlorite (?); trace blue-green fuchsite (?) present									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-25 SHEET NO. 2 of 4

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au FA	ASSAYS OZ/TON
12.50	27.40	ANDESITE LAPILLI TUFF continued...									
		@ 25.80 to 27.40									
		Chalky gray-white bleached andesite tuff (?); relict lapilli barely apparent; weak schistosity at ~45° to CA; contact at 27.40 marked by graphitic slip at ~25° to CA followed by broken graphitic argillite; contact at 25.80 is sharp, abrupt and marked by qtz lined slip at ~60° to CA; minor blue-green fuchsite (?) locally, py spots locally, remainder qtz, ser (?) and black chl (?)	4325	tr	25.80	26.50	0.70			0.001	
			4326	tr	26.50	27.10	0.60			0.001	
			4327	tr	27.10	27.40	0.30			0.001	
27.40	132.89	GRAPHITIC ARGILLITE (SILTSTONE)									
		Typical black graphitic argillite w greasy graphitic slips at various CA's; numerous barren appearing white qtz stringers and threads at various CA's, angular argillite fragments occasionally stoped into stringer; local apparent cross-bedding (?), stratification (?) at various CA's (generally 40-70° to CA); rarely brassy disseminated pyrite and pyrite stringers; light gray silty interbeds common towards end of hole, generally ≤0.10 m of core length, usually // at 45-60° to CA									
		@ 27.40 to ~30.00									
		Mostly broken core and graphitic gouge									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-25 SHEET NO. 3 of 4

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
27.40	132.89	GRAPHITIC ARGILLITE (SILTSTONE) continued...									
		@ 52.16 to 52.32 Barren white qtz at low CA									
		@ 84.25 to 84.80 Light gray, massive appearing calcareous subunit (limestone ?) w a swirled, convoluted texture; limit at 84.25 is broken, limit at 84.80 marked by 0.01m gradation to carbonate-rich siltstone at ~45° to CA									
		@ 84.80 to 85.05 Carbonate-rich light gray siltstone; abrupt contact at 85.05 at ~20° to CA									
		@ 85.05 to 87.06 Typical black graphitic argillite w a few narrow (≤0.10m) interbeds of light gray siltstone usually at ~60° to CA and with sharp contacts; variable amounts of calcite indicated in both black argillite and gray siltstone									
		@ 87.06 to 87.91 Graded sequence from black, finely laminated argillite at 87.06 to medium-coarse grained graywacke towards 87.91; stratification at 45-60° to CA; graywacke consists mostly of volcanic detritus, minor argillite fragments; fg matrix py locally; contact at 87.91 sharp and parallel to stratification									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. BP-89-25 SHEET NO. 4 of 4

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
27.40	132.89	GRAPHITIC ARGILLITE (SILTSTONE) continued...										
		@ 111.68 to 112.51										
		Light gray siltstone subunit w/ random crossing qtz-cal stringers and threads and feathery black graphitic (?)/ chloritic (?) threads; also some lenticular qtz fragments (orientation of elongation not obvious, shell remains ?); both contacts marked by slips at ~60° to CA										
		@ 129.85 to 132.89										
		Typical black graphitic argillite w/ a very fine lamination at 55-60° to CA; occasional light gray silty interbeds (≤0.10 m of core length).										
	132.89	END OF HOLE										
		DRILL HOLE COLLAR LOCATED AT 100 N, 300E WITH RESPECT TO MILL SITE GRID. COLLAR IS 158 METRES AT 190° FROM THE BETTY #1 LCP.										

DIAMOND DRILL RECORD

NAME OF PROPERTY Dome Mountain Project
HOLE NO. RP-89-26 LENGTH 190.81 METRES
LOCATION Anomaly D, S. of Dome Mt. road, in meadow.
LATITUDE 113+32.75 N DEPARTURE 94+68.00 E
ELEVATION EL 1010.80 m AZIMUTH 360° DIP -45°
STARTED _____ FINISHED August 15, 1989

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH
0	-45°	360°			
103.94	-48°	—			
181.97	-51°	—			

HOLE NO. RP-89-26 SHEET NO. 1 of 13
REMARKS _____
LOGGED BY Steve Jenner

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0.00	5.57	CASING, OVERBURDEN No recovery, casing pulled									
5.57	25.45	MAROON ANDESITE TUFF Typical maroon andesite coarse lapilli tuff ϖ infrequent subunits of fine grained tuff and agglomeritic sections; random hairline qtz-cal threads throughout, 0.02 - 0.03 metre wide barren white qtz-cal-chl sections at ~60° to CA at 17.21 and 17.33; 0.03 metre wide qtz section ϖ andesite fragments at 23.56 metres; crude stratification of coarse lapilli units at ~45 - 50° to CA; limit at 25.45m arbitrary since gradational over ~0.30 m @ 23.88 to 23.89 Qtz - carbonate str ϖ ~30% cubic to granular py at 15° to CA; true width ~0.01 m, measurement at midpoint									

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 2 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au FA	ASSAYS OZ/TON
25.45	30.66	GREEN ANDESITE TUFF Medium green to gray-green, fine to medium grained ash/lapilli andesitic tuff; fine stratification at 50-60° to CA; qtz-cal threads, commonly at 40-45° to CA and ~80-90° to stratification present, these threads occasionally contain py; contact at 30.66 arbitrary since unit grades to maroon andesite over 0.5 metre	4328	-	25.45	26.50	1.05			0.001	
			4329	-	26.50	27.00	0.50			0.001	
			4330	-	27.00	27.30	0.30			0.001	
			4331	-	27.30	28.00	0.70			0.001	
			4332	tr	28.00	29.00	1.00			0.001	
			4333	-	29.00	30.00	1.00			0.001	
			4334	-	30.00	30.66	0.66			0.001	
		@ 27.10 to 27.22 Tan-beige sheared appearing rock w/ schistosity about parallel to stratification									
		@ 28.44 to 28.45 Low angle (~10° to CA) irregular, white qtz-carb str w/ 2-3% cubic to granular py									
30.66	43.10	MAROON/GREEN ANDESITE TUFF Variable maroon to green andesite lapilli tuff w/ coarse lapilli tuff sections tending to be maroon; crude stratification (?) at 40-55° to CA; random white qtz-cal stringers throughout unit; limit at 43.10 arbitrary since gradational to gray-green andesite over ~0.3 m									

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 3 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au FA	ASSAYS OZ/TON
30.66	43.10	MAROON / GREEN ANDESITE TUFF continued...									
		@ 38.96 to 39.00									
		Barren white qtz-cal section at 45° to CA									
		@ 42.60 to 42.70									
		Irregular py threads and trains // to stratification									
43.10	44.52	GREEN ANDESITE TUFF									
		Altered green to gray-green (progressively grayer towards 44.52) andesite tuff w irregular gray-white broken qtz stringers enveloped by gray andesite; white qtz section w 2-3% py as stringers and grains at ~55° to CA at 44.31 to 44.33 m; arbitrary limit at 44.52 since gradational over 0.05 m	4335	–	42.50	43.10	0.60			0.006	
			4336	–	43.10	43.75	0.65			0.001	
			4337	–	43.75	44.52	0.77			0.001	
			4338	–	44.52	45.00	0.48			0.001	
			4339	–	45.00	46.00	1.00			0.001	
			4340	–	46.00	47.10	1.10			0.001	
			4341	1	47.10	47.40	0.30			0.024	
			4342	–	47.40	48.00	0.60			0.001	
44.52	47.40	BLEACHED ZONE									
		Buff gray-green silicified zone; relict slightly maroon lapilli fragments barely visible; zone consists mostly of light coloured silicified, sericitized (?) rock w minor chl, cal and locally tr py; irregular qtz-carb stringers sporadically throughout unit; fg diss py (~1%) locally									

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 4 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
44.52	47.40	BLEACHED ZONE continued... @ 47.20 to 47.24 Section of white qtz-carb ẅ ~5-10% granular py throughout; irregular contacts at ~50° to CA; between 47.24 to 47.40 unit is progressively more like green to maroon andesite; tr very fg py and a fg chalky mineral (carbonate?) in immediate wallrock										
47.40	55.00	MAROON ANDESITE TUFF Typical maroon andesitic lapilli tuff; poorly sorted angular lapilli fragments in medium grained tuffaceous groundmass; generally massive; limit at 55.00 arbitrary since gradational to green andesite over 0.3m										
55.00	57.66	GREEN ANDESITE TUFF Earthy, broken unit of green andesite ash/lapilli tuff; random qtz-cal stringers and threads throughout; very weak to weak pervasive carbonatization; most of unit broken along pyritic, earthy apparently random fracture planes; arbitrary limit at 57.66 since gradational to maroon andesite over 0.3m										

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 5 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
57.66	62.48	MAROON ANDESITE TUFF Typical maroon andesite lapilli tuff; limit at 62.48m gradational over 0.20m									
62.48	66.70	GREEN ANDESITE TUFF Typical green andesite ash/lapilli tuff; crudely stratified at ~45° to CA; at 65.90 to about 65.92 a white qtz stringer w 3-5% cubic to granular py at ~30° to CA; gradational to maroon andesite at 66.70m									
66.70	96.85	MAROON/GREEN ANDESITE TUFF Variable maroon to green andesite lapilli tuff w occasional random qtz-cal and qtz stringers and threads @ 66.70 to 68.48 Broken core and gritty chloritic gouge; poor core recovery (~30%)									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 6 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AuFA	ASSAYS OZ/TON
96.85	97.48	FAULT ZONE (?) Gravel sized angular broken core and gritty gouge; minor carbonate indicated throughout; predominantly maroon andesite w cal-qtz stringers (45% of total); core recovery is ~70 %									
97.48	102.16	MAROON/GREEN ANDESITE TUFF Typical variable maroon to green andesite ash/lapilli tuff as noted previously in this hole; arbitrary limit at 102.16 m since gradational over 0.10 m to predominantly green andesite									
		@ 100.24 to 100.60 Weakly to moderately sheared (?) altered green andesite consisting of qtz-chl-ser w irregular convoluted chl white qtz stringers (~5% of total subunit) at low CA's (20-30°); relict lapilli fragments still visible and define crude stratification oblique across qtz stringers at 45-60° to CA; both limits well defined and marked by chloritic slips w qtz; trace sph in qtz	4343	—	99.40	100.24	0.84			0.001	
			4344	—	100.24	100.60	0.36			0.001	
			4345	—	100.60	101.40	0.80			0.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 7 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
										Au FA	
102.16	106.17	GREEN ANDESITE TUFF Predominantly green andesitic lapilli/ash tuff occasionally ῶ maroon lapilli fragments and narrow (<0.10m) maroon sections; 2-3% narrow random white qtz and qtz-cal threads and stringers throughout unit; transition to predominantly maroon andesite over 0.15m at 106.17									
		@ 104.00 to 104.45 Typical 2-3% qtz threads and stringers at 30-40° to CA but ῶ very fg py; 1-2% very fg diss py in immediate wallrock; tr sph (?) in qtz	4346	–	103.50	104.00	0.50			0.001	
			4347	1	104.00	104.45	0.45			0.001	
			4348	–	104.45	105.00	0.55			0.001	
106.17	137.21	MAROON ANDESITE TUFF Predominantly maroon andesitic ash/lapilli tuff but also ῶ chaotic maroon lapilli tuff/agglomerate sections (for example 127.00 to ~131.40) and minor green lapilli tuff (for example 122.50 to 123.75); stratification varies locally but generally at 45-60° to CA									
		@ 124.83 to 124.94 Sheared appearing qtz-chl-ser section ῶ moderate pervasive carbonatization; schistosity at 90° to CA; both contacts sharp, abrupt and marked by chloritic slips // to schistosity									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 8 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au FA	ASSAYS OZ/TON	
106.17	137.21	MAROON ANDESITE TUFF continued...										
		@ 126.33 to 126.38 Similar to that between 124.83 to 129.94 metres; schistosity at 90° to CA										
		@ 133.15 to 133.31 Altered green andesite ϖ chl-ser and moderate pervasive carbonatization (calcite); ~5-10% random qtz and qtz-cal stringers often ϖ stoped angular green andesite fragments; diffuse limits over ~0.02 m										
		@ 134.82 to 134.92 Dull green, aphanitic to very fg green andesite (?) ϖ tiny ragged qtz-cal-chl amygdules (?) (possibly also very small altered fragments); qtz-cal-py (≤1%) stringers at 30-40° to CA, one stringer clearly cuts across contact at 134.92 m; contact at 134.82 very sharp at 80° to CA, contact at 134.92 slight diffuse and ragged followed by 0.05 m of altered maroon andesite ϖ chl-ser and hematite (?)	4349	–	136.20	137.21	1.01			0.001		
			4350	–	137.21	137.96	0.70			0.001		
137.21	137.96	GREEN ANDESITE (?) Similar to that between 134.82 to 134.92; dull green, aphanitic massive andesite ϖ random qtz stringers and ragged chloritic spots; contact at 137.21 sharp at ~80° to CA and marked by hairline buff chalky margin; contact at 137.96 m irregular, sharp and marked by 0.01m chalky buff chill margin										

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 9 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AuFA	ASSAYS OZ/TON
137.92	140.26	MAROON ANDESITE TUFF (ALTERED) Altered, moderately buff-white bleached, maroon coarse lapilli tuff; most angular lapilli fragments are bleached green-white to buff-white and have a chalky appearance; dark fg py locally present in groundmass; near 139.26 about 0.05 metre of void filled w "zoned" qtz-cal w pyritic margins, qtz itself appears barren; limit at 140.26 gradational over 0.02m to crystal tuff; buff alteration may have clay (kaolinite?) as core is softer relative to other units; between 138.80 to 139.20 a number of broken, crumbly fractures w a soft, dull black, greasy coating of gouge-like material	4351	–	137.96	139.00	1.04			0.001	
			4352	1	139.00	139.50	0.50			0.001	
			4353	1	139.50	140.26	0.76			0.001	
			4354	–	140.26	141.22	0.96			0.001	
140.26	141.22	MAROON ANDESITE TUFF Maroon, medium grained crystal tuff w infrequent lapilli fragments; grades to lapilli tuff towards 141.22; contact at 140.26 diffuse over 0.01m due to bleaching; sharp irregular contact at 141.22m									
141.22	141.77	GREEN ANDESITE Similar to unit from 137.21 to 137.96; isolated small irregular qtz-cal amygdules; ragged but sharp contact at 141.77									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 10 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
141.77	142.34	MAROON ANDESITE TUFF Typical maroon andesite lapilli tuff; gradational contact at 142.34 metres									
142.34	143.81	GREEN ANDESITE TUFF Typical green ash tuff w lapilli fragments; at 142.92 to 142.98 a section of white qtz w 3-5% brassy py and sph, section has irregular contacts and appears to be only a small pod									
143.81	146.81	MAROON ANDESITE TUFF Typical maroon andesite lapilli tuff @ 145.33 to 145.39 White qtz section w abundant andesitic material; green andesite (0.10m) precedes subunit									
146.81	153.73	GREEN ANDESITE TUFF Typical green andesitic ash and crystal tuff w infrequent lapilli fragments; occasional maroon sections; from 146.81 to 147.18 unit is slightly bleached w a few random qtz stringers									
153.73	154.35	GREEN ANDESITE Dull green, aphanitic to very fine grained, massive andesite w elliptical qtz amygdules (?); both contacts sharp at 70-80° to CA									

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 11 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON AuFA	ASSAYS OZ/TON
154.35	155.70	GREEN ANDESITE TUFF Typical green crystal andesite tuff @ 155.33 to 155.70 Bleached buff-white-green andesite w/ crisscrossing py-qtz threads at most bleached portions; gradational to unbleached green andesite over 0.03 metre at 155.33 and bound by qtz stringer at ~25° to CA at 155.70m	4355	—	154.35	155.33	0.98			0.001	
			4356	2	155.33	155.70	0.37			0.001	
			4357	—	155.70	156.20	0.50			0.001	
155.70	169.21	MAROON ANDESITE TUFF Maroon, medium grained crystal to lapilli tuff w/ random qtz threads and stringers @ 159.40 to 160.07 Green to buff-green coloured section; gradational to maroon andesite over ~0.10 metre; relict lapilli (?) fragments barely visible @ 164.97 to 165.25 Bleached buff-maroon andesite; minor py-qtz thread at 164.24 m @ 165.42 to 165.62 Qtz-py (2-3%) section at 165.54 to 165.57 w/ attendant green wallrock w/ tr fg diss py									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 12 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
169.21	170.73	GREEN ANDESITE Similar to that between 153.73 to 154.35 metres; buff coloured bleached margin at 169.21 to 169.45; sharp regular contacts at ~60° to CA									
170.73	175.08	MAROON ANDESITE TUFF Maroon lapilli tuff w random qtz threads and stringers w tr py locally; sharp abrupt contact at 175.08									
175.08	176.18	GREEN ANDESITE Massive appearing, fine grained andesitic (?) rock w a few random qtz stringers; both contacts sharp and at ~70-80° to CA; weak to moderate pervasive carbonatization									
176.18	178.10	MAROON ANDESITE TUFF Typical maroon coarse lapilli tuff w random qtz and qtz-carb threads and stringers throughout; limit at 178.10 metres is gradational over ~0.05 m									
178.10	190.81	GREEN ANDESITE TUFF Typical green to gray-green, medium grained crystal and lapilli (rare) tuff w infrequent maroon sections; random qtz and qtz-carb stringers throughout unit occasionally w minor brassy py;									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-26 SHEET NO. 13 of 13

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
178.10	190.81	GREEN ANDESITE TUFF continued...								Au FA	
		@ 183.80 to 184.06									
		Section of white qtz-ser ± ser defining foliation at ~50-55° to CA; mg granular py as diss grains and trains // to foliation; tr gal (?) may also be present; both contacts sharp and marked by sericitic slips // to foliation; immediate wallrock slightly bleached and pyritic	4358	1	183.00	183.80	0.80			0.001	
			4359	2	183.80	184.06	0.26			0.005	
			4360	2	184.06	184.71	0.65			0.001	
			4361	tr	184.71	185.50	0.79			0.001	
		@ 184.06 to 184.71									
		Green andesite crystal tuff ± a slightly brownish tinge and diss fg py; also random qtz stringers often ± up to 40% granular to cubic py locally									
	190.81	END OF HOLE									

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROJECT
HOLE NO.: RP-89-27 LENGTH: 151.18 METRES
LOCATION: ANOMALY D
LATITUDE: 114+38.00 N DEPARTURE: 95+41.50 E
ELEVATION: EL 994.50 m AZIMUTH: 180° DIP: -46°
STARTED: 16 Aug. 1989 FINISHED: AUGUST 17, 1989

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH
0	-46°	180°			
123.70	-47°	—			

HOLE NO. RP-89-27 SHEET NO. 1 of 9
REMARKS: -
LOGGED BY: STEVE JENNER

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
0.00	10.34	CASING, OVERBURDEN No recovery, casing pulled										
10.34	20.12	MAROON ANDESITE TUFF Typical mg., maroon crystal tuff crudely stratified about 20-40° to CA; numerous random white qtz and qtz-cal stringers throughout; moderate pervasive carbonatization throughout unit; at 18.66 a rusty fracture at ~35° to CA; limit at 20.12 marked by rusty fracture at ~45° to CA @ 18.78 to 18.86 About 0.02 m of barren white qtz ⫶ earthy, rusty, fractured maroon andesite immediately adjacent @ 19.10 to 19.27 Same as that between 18.78 to 18.86 but ⫶ broken earthy, rusty core										

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROJECT

HOLE NO. RP-89-27 SHEET NO. 2 of 9

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS Pb %	ASSAYS Zn %	ASSAYS Au FA oz/ton	ASSAYS Ag ppm	ASSAYS Cu %
20.12	25.10	GREEN ANDESITE TUFF Variable green to gray-green crystal and lapilli tuff ẅ a near massive appearance; infrequent white qtz-cal stringers at 40-60° to CA (sub-// to one another) occasionally ẅ minor fg py in stringer and immediate wallrock; arbitrary limit at 25.10 since gradational to maroon andesite over 0.10 metre	4362	–	19.50	20.12	0.62			0.001	1.5	
			4363	1	20.12	20.70	0.58			0.001	0.8	
			4364	1	20.70	20.98	0.28	2.17	1.9	0.006	80.7	0.25
			4365	–	20.98	21.40	0.42			0.001	1.2	
			4366	–	21.40	22.00	0.60			0.001	0.9	
		@ 20.12 to 20.70 Bleached gray-green-white lapilli tuff; relict lapilli fragments visible throughout subunit; patchy fg py aggregates (~1%) present near central portion of subunit; limit at 20.70 defined by slip contact at 55° to CA	4367	tr	22.00	22.60	0.60			0.001	0.8	
		@ 20.70 to 20.98 Section of white qtz ẅ ~1% fg gal and crushed py ẅ a few large cubic py grains; also a scaley appearing yellow-green mineral; both contacts sharp at ~55° to CA										
		@ 20.98 to 22.00 Unaltered gritty and granular, green, andesite lapilli tuff										
		@ 22.00 to 22.60 Same as 20.98 to 22.00 but ẅ a 0.10m section of pyritic slightly bleached core ẅ a qtz-carb-py stringer centred at 22.45m										

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-27 SHEET NO. 3 of 9

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au-FA	ASSAYS ~~OZ/TON~~ Ag ppm
25.10	59.90	MAROON ANDESITE TUFF Variable mg to cg, maroon andesitic crystal and ash/lapilli tuff; where coarse lapilli fragments are present, unit is stratified at 20-40° to CA; isolated infrequent qtz and qtz-cal stringers and threads throughout unit, these threads and stringer are at random orientations occasionally crosscutting stratification @ 36.15 to 37.10 Fg green andesite tuff; gradational limits over 0.10m @ 38.34 to 39.20 Mg green andesitic ash-lapilli tuff ω a few pyritic qtz threads at various CA's; gradational limits @ 39.65 to 40.41 Greenish andesitic ash-lapilli tuff @ 41.80 to 42.10 Buff maroon altered section ω barren white qtz from 42.04 to 42.10; sharp alteration limit at 41.80 is // to stratification at ~40° to CA; qtz contact at 42.10 at 60° to CA sub-// to stratification	4369	—	41.80	42.10	0.30			0.001	1.0

LANGRIDGES — TORONTO — 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROTECT

HOLE NO. RP-89-27 SHEET NO. 4 of 9

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au-FA	ASSAYS OZ/TON Ag ppm
25.10	59.90	MAROON ANDESITE TUFF continued...									
		@ 47.45 to 47.89 Rusty buff-white broken core from 47.45 to 47.73 followed by buff-white altered coarse maroon lapilli fragmental tuff; slightly diffuse limit at 47.89 m									
		@ 56.22 to 56.43 Greenish altered maroon andesite tuff									
		@ 56.65 to 56.69 Buff-white altered andesite									
59.90	69.81	GREEN ANDESITE TUFF Typical green fg to mg ash/lapilli tuff ẅ infrequent maroon sections; random qtz-carb threads and stringers, occasionally pyritic; gradational to maroon andesite over 0.10 m at 59.90 m	4371	–	59.90	60.35	0.45			0.001	1.3
			4372	2	60.35	60.65	0.30			0.029	59.6
			4373	–	60.65	61.35	0.70			0.001	1.0
		@ 60.46 to 60.53 Qtz-carb section ẅ ~25% brassy fg, broken py; immediate wallrock slightly bleached and pyritic; contacts 60° to CA									

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN PROJECT

HOLE NO. RP-89-27 SHEET NO. 5 of 9

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
59.90	69.81	GREEN ANDESITE TUFF continued... @ 66.47 to 66.52 Pitted white qtz ϖ fg py; contacts at 60° to CA @ 68.82 to 68.90 Pitted qtz-chl ϖ carb (cal); contacts at ~55° to CA										
69.81	71.84	MAROON ANDESITE TUFF Dense, almost massive appearing fg tuff; gradational 'contact' at 69.81, abrupt 'contact' at 71.84										
71.84	72.30	GREEN ANDESITE TUFF Fg andesitic tuff										
72.30	75.80	MAROON ANDESITE TUFF Maroon fg to mg lapilli tuff ϖ rare greenish sections; barren white carb-qtz ϖ minor chl at 55° to CA from 74.98 to 75.01 m										
75.80	77.29	GREEN ANDESITE TUFF Fg ash/lapilli tuff; qtz-py stringer at 76.15 to 76.16 at 65° to CA										
77.29	79.24	MAROON ANDESITE TUFF Mg to fg (towards 79.24 m) lapilli andesitic tuff; crudely stratified at 30° to CA; limit at 77.29 abrupt, limit at 79.24 m gradational over 0.10 m										

DIAMOND DRILL RECORD

NAME OF PROPERTY _____

HOLE NO. RP-89-27 SHEET NO. 6 of 9

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
79.24	79.70	GREEN ANDESITE TUFF										
79.70	81.60	MAROON ANDESITE TUFF Fg ash/lapilli tuff; at 80.59 to 81.00 weakly altered (greenish colour ϖ ser-chl and sub-// qtz stringers) zone ϖ very weak schistosity at 60° to CA (cuts stratification at low angle); 0.01m wide qtz stringer at 81.08 m; limit at 81.60 gradational over 0.10 metre										
81.60	85.20	GREEN ANDESITE TUFF										
85.20	89.55	MAROON ANDESITE TUFF Coarse maroon lapilli tuff· stratified at ~40-45° to CA; limit at 89.55 marked by broken core and abrupt change to green andesite										
89.55	90.39	GREEN ANDESITE TUFF										
90.39	96.70	MAROON ANDESITE TUFF Typical maroon lapilli tuff; limit at 90.39 marked by abrupt colour change, limit at 96.70 gradational over 96.70m; at 91.13 to 91.40 m barren qtz-cal down one side of core; 0.01-0.02 m w/ barren qtz-cal stringer at ~15° to CA centred at 91.25 (probably same stringer as at 91.13 to 91.40 m); qtz-py at 65° to CA at 95.87 to 95.91 m and immediate wallrock is greenish										

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN PROJECT

HOLE NO. RP-89-27 SHEET NO. 7 of 9

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPH IDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	ASSAYS
96.70	97.19	GREEN ANDESITE TUFF Qtz-py section at 96.90 to 96.95 m ω sharp contacts at 65° to CA; green colour of this unit may be due to wallrock alteration surrounding qtz section; abrupt colour change at										
97.19	98.45	MAROON ANDESITE TUFF Typical fg to mg lapilli (crystal (?)) tuff										
98.45	99.14	GREEN ANDESITE TUFF Typical fg andesitic tuff ω rare qtz-py stringers at ~65° to CA; abrupt colour change at 99.14 m marked by qtz thread										
99.14	100.04	MAROON ANDESITE TUFF										
100.04		GREEN ANDESITE TUFF										

DIAMOND DRILL RECORD

NAME OF PROPERTY Dome Mountain

Logged by A. L'ORSA HOLE NO. RP89-27 SHEET NO. 8 of 9

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au. FA	ASSAYS ~~OZ/TON~~ Ag ppm
100.04	151.2	ANDESITIC PYROCLASTIC ROCKS continue to end of hole. Generally coarse tuffs & lapilli tuffs, but may include tuff-breccia & volcanic breccia. The rock colours are dominately shades of grey, especially green-grey, but there are subsidiary hematitic sections that range from reddish greys to reddish black. The clasts range from angular to sub-rounded Structure: Only very local stretch lineations @ 80°. Tectonic breccia 139.27 - 149.96 with white quartz filling & ± 1% pyrite as diss. & veinlets. VEINS ① White calcite veinlets, early (cut by qz-carb-py) & late. ② Quartz - carbonate - pyrite - chlorite veins. May contain specularite. In places spec. is more abundant than pyrite. May carry sericite. Some contain chalcopyrite, galena, sphalerite & tetrahedrite. Gen. < 6 cm dia., @ 50° - 90° to core axis. ③ Hematitic quartz + calcite veinlets; rare, [illegible] cut ② above. Locally with magnetite (143.5 - 145.4) ④ Thin pyrite joint coatings. Very local. ASSAYS # 4368. Bleached zone 131.8 - 134.9 with Quartz - carb - py vein ≤ 4 cm ? dia. Broken core. Poor recy - 133 - 134 ± 0 recy. Sericite + clay. Pale orange colour. # 4374. Footwall of above. Altered, pale orange quartz - carb. - pyrite vein ± 3 cm dia. @ 90° ±	4368	3	132.52	134.30	1.78m			0.018	2.4
			4374	3	134.30	134.80	50cm			0.011	1.2

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MT.

HOLE NO. RP89-27 SHEET NO. 9

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
138.0	151.2 EOH	ASSAYS (cont.)								Au. FA	Ag ppm
		# 4375. Hanging wall of #4376. Bleached to gen. pale greyish orange. Few quartz - carb? - py - chlorite veinlets ≤ ± 5 mm @ 65° to CA.	4375	1	138.08	139.08	1 m			0.006	0.5
		# 4376. Quartz - carb - pyrite vein. ± 80 cm ? dia. core badly broken. RQD = 0. vein @ ± 55° to CA white to grey - clear quartz. Pyrite coarse to fine - grained. Minor galena, sphalerite, tetrahedrite & chalcopyrite.	4376	5 ?	139.08	139.88	80 cm			0.041	46.9
		# 4377. Footwall of #4376. Altered to pale yellowish brown to greyish orange. Quartz - carb - py - sphalerite - specularite veinlets with minor chalcopyrite & galena. largest vein ± 1 cm. Rest ≤ 2 mm @ 30° - 90° to core axis.	4377	2	139.88	140.88	1 m			0.001	4.1

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN
HOLE NO. RP89-28 LENGTH 166.42m (546')
LOCATION West end of IP anomaly B. ± Timberline
LATITUDE 112+28 N DEPARTURE 93+07 E
ELEVATION ____ AZIMUTH 318° DIP -45°
STARTED 18 Aug. 1989 FINISHED 20 Aug. 1989

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH
0	-45	318			
102	-46	-			
160	-46	-			

HOLE NO. RP89-28 SHEET NO. 1 of 3
REMARKS -
LOGGED BY A. L'Orsa

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON
0	3.66	CASING									
3.66	166.42	ANDESITIC TUFFS TO TUFF-BRECCIA. Lapilli tuffs appear to predominate. Polymictic. Diss. specularite common in reddish sections.		<1							
		COLOURS: shades of grey & red, including reddish black to various reddish greys, & med. to dark greys to greenish greys. Locally attend to pale olive grey.									
		CLASTS: Angular to sub-rounded. Indistinct in some sections. Generally matrix-supported. Some clasts exhibit hematitic reaction rims. Commonly clasts are 1-2mm feldspar porphyries but also include massive, fine-grained rx. Colours range from reddish black to various greys as above.									
		STRUCTURE: Core is badly broken (RQD ±7) between 3.66 & 8.9m. Rock sheared @ 70°. Rusty clay. Gouge? Stretch lineation @ 65°. Elsewhere in hole, stretch lineation observed in several sections @ 55-70°. Shears noted in 50°-70° range to CA.									

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MT.

HOLE NO. RP89-28 SHEET NO. 2 of 3

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au, FA	ASSAYS ~~OZ/TON~~ Ag ppm
3.66	166.42	VEINS: ① White calcite veinlets most abundant - e.g. 20/m, Gen. < 3 mm dia. 90-0° to CA. ② Quartz - carbonate - pyrite ± specularite, ± chlorite ≤ 1 cm dia. @ 0-65° to core axis. Frequency ≤ 15/m - rarely that high. May contain up to 40% pyrite. ③ Massive pyrite. Many associated with quartz & may belong in ②. ≤ 7 cm dia. @ 0-50° to core axis, coarse py ≤ 1 cm xls. See assays below. ④ Ankerite (?) veinlets gen. ≤ 1 mm dia, cut ② & ③ above. Uncommon. ⑤ Barite veins. Local. See # 4395. ⑥ Epidote - quartz - calcite vein. ≤ 2 cm, @ 45-90° to core axis, uncommon, but present at 44-50 m & 104 m.										
		ASSAYS:									
		# 4378. Badly broken core in fault zone.	4378	Rust	5.9	6.9	1m			0.001	0.1
		# 4379. " "	4379	"	6.9	7.9	1m			0.001	0.1
		# 4370. Hi diss. pyrite in chrony carb. veinlets stretch lineation @ 70°. Quartz veinlets.	4370	< 1	19.35	20.35	1m			0.001	2.4
		# 4394. Quartz - carb. - pyrite - chlorite veins ± 1 cm dia. with ± 60% py @ 50° or less.	4394	4	29.9	36.9	1m			0.001	2.8
		# 4395. Massive barite. No sulphides? @ ± 40°.	4395	0?	31.3	31.9	60cm			0.001	0.8
		# 4380. Pyrite > quartz - carb. - chlorite; ± 10 cm wide @ 30° (?). Hi. sericite. Pyrite = ± 80% of vein. 2 pyrite populations: ① coarse cubic xls ≤ 1 cm. ② Very fine-grained pyrite in quartz.	4380	10?	31.9	32.4	50cm			0.001	0.7

LANGRIDGES — TORONTO — 366-1168

FORM 7

DIAMOND DRILL RECORD

NAME OF PROPERTY Dome Mt.

HOLE NO. RP89-28 SHEET NO. 3 of 3

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	METRES FROM	METRES TO	METRES TOTAL	ASSAYS %	%	OZ/TON Au-FA	OZ/TON Ag ppm
32.90	166.42 EOH	ASSAYS (cont.)									
		# 4381 Quartz - coarse pyrite vein ± 2 cm dia. @ 0° to core for most of section. Hi. sericite	4381	5	32.90	33.60	70 cm			0.001	1.1
		# 4382 Quartz - carb - coarse py - chlorite vein ≤ ± 10 cm dia. @ 0° for 10 cm. Pyrite xls ≤ 1.5 cm. Locally massive py across 7 cm. Hi. diss. py in wallrocks.	4382	10	34.30	34.80	50 cm			0.001	1.2
		# 4383. Massive coarse-grained pyrite vein ± 4 cm dia. @ 50° to core axis. Grains ≤ ± 5 mm	4383	10	37.80	38.0	20 cm			0.001	1.7
		# 4384. Quartz - carb - pyrite - chlorite vein @ 30°-40° to CA, dia. ± 10 cm. Hi. sericite cubic pyrite ≤ 1 cm. 1 cm ± mass. py on footwall Bleached zone 147.28 - 148.60; light olive grey to light greenish grey.	4384	4	147.28	148.0	72 cm			0.005	1.7
		# 4385 Footwall of above. Bleached. chlorite spots. Minor quartz, + calcite veins.	4385	< ½	148.0	148.70	70 cm			0.001	0.5
		# 4386. Quartz - carb - pyrite - chlorite vein ± 10 cm dia. follows core for 50 cm. Quartz - py centre (± 3 cm) + calcite - chlorite sides; @ 30° to CA. Vuggy. Py ± 2mm dia Hi. diss. py in green-grey wallrocks.	4386	4	152.70	153.30	60 cm			0.018	1.5

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME MOUNTAIN
HOLE NO.: RP89-29 LENGTH: 96.32 m
LOCATION: IP anomaly B. On road to Hoops - Chisholm.
LATITUDE: 110 + 80) N DEPARTURE: 95 + 68 E
ELEVATION: _____ AZIMUTH: 005° DIP: - 44°
STARTED: 20 Aug. 1989 FINISHED: 21 Aug. 1989

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH
0	- 44°	005°			
75	-44°	-			

HOLE NO. RP89-29 SHEET NO. 1 of 2
REMARKS: -
LOGGED BY: A. L'Orsa

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON	ASSAYS OZ/TON	
0	3.05	CASING										
3.05	96.32	ANDESITIC PYROCLASTIC ROCKS.										
		Range from tuffs to volcanic breccia. Lapilli tuffs probably predominate. Polymictic. Local diss. specularite										
		COLOURS: Medium to dark greys to greenish greys & especially reddish greys are common. Locally the rocks are blackish red.										
		CLASTS: Matrix-supported. Angular to sub-rounded. Shades of grey, greenish grey & reddish grey. Local red.-black. Most are andesitic feldspar porphyries (± 2mm plagioclase). A few sections carry felsic clasts that are pale reddish grey to reddish orange grey in colour.										
		STRUCTURE: Subtle evidence of general shearing, i.e. local stretch lineation & slickensides. Some well-developed shears (e.g. 52, 65 & 93 m) @ 30°-50°.										
		VEINS: ① White calcite veinlets ubiquitous. Locally cut by Quartz-carb.-pyrite veinlets. Calcite veinlets are generally ≤ 1 cm dia. Frequency ≤ ± 15/m @ 0-70°.										
		② Quartz-carbonate-pyrite, locally with hematite, & locally with dark chlorite. Typically ≤ 5mm dia. Frequency ≤ 3/m gen., @ 0-90°, 90°-45° most common (to CA) vuggy in places. Cut calcite veins. Pyrite in veins ≤ 2mm. Py in wall rocks finer grained - e.g. ± ≤ 1mm, diss. Chalcopyrite rarely present.										

LANGRIDGES – TORONTO – 365-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY DOKE MOUNTAIN

HOLE NO. RP89-29 SHEET NO. 2 of 2

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au-FA	ASSAYS ~~OZ/TON~~ Ag ppm
3.05	96.32 EOH	ASSAYS :									
		# 4387. Near-surface rusty zone. Top @ 30° to CA Includes sericite & clay. Soft.	4387	Rust	12.60	13.60	1 m			0.001	0.1
		# 4388. Quartz-carb-pyrite vein ± 10 cm dia., @ 25° to core axis. Pyrite, cubic, coarse ≤ 25% chalcopyrite minor as veinlets in Py & diss. in vein. ≤ 10% Py diss. in wallrocks, gen. fine-grained. Local shears 70°-90° to core	4388	4	28.18	28.68	50 cm			0.029	1.5
		# 4389. Quartz-carb-pyrite veins - several. ± 1 cm dia. Cubic py diss. gen. ≤ 5%. Mi. sericite. ± 8 cm core lost.	4389	4	31.15	32.15	1 m			0.001	1.2
		# 4390. Quartz-carb.-py vein ± 4.5 cm @ 45°. White to clear Qz. Pyrite cubic ≤ ± 1 cm & ≤ 30%. Py diss. in both hanging & foot walls. Minor sericite.	4390	5	36.80	37.10	30 cm			0.001	0.8
		# 4391. Qz-carb-py vein, ± 3-5 cm @ 35° local dark chlorite. Py coarse cubic ± 30% of vein. Py diss. ≤ 5% in wallrocks.	4391	4	54.80	55.30	50 cm			0.008	0.5
		# 4392. Qz-carb-py + mi. dark chlorite, minor chalcopyrite, minor grey metallic (spec.??). 20 cm core lost, prob. from vein. Remaining vein 15 cm dia @ 55°, Py 40-50% of vein.	4392	5	69.0	69.70	70 cm			0.077	15.3
		# 4393. "Footwall" of above sample. Several Qz-carb-py veins, ≤ ± 6 cm wide. Coarse py 10-20% in veins. Diss. py between veins in gen. ≤ 0.5 mm dia. & ≤ 5%	4393	4	70.36	71.36	1 m			0.005	1.1
		# 4404. Actual footwall of # 4392. Local Qz-carb-Py-chl. Very little diss. py in chloritic host.	4404	21	69.70	70.36	66 cm			0.001	1.0

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN
HOLE NO. RP89-30 LENGTH 90.22 m (296 ft)
LOCATION Beside road to Hoops vein.
LATITUDE 110+35 N DEPARTURE 92+88 E
ELEVATION ____ AZIMUTH 359° DIP -45°
STARTED 21 Aug. 1989 FINISHED 22 Aug. 1989

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH
0	-45°	359°			
90	-45°	—			

HOLE NO. RP89-30 SHEET NO. 1 of 3
REMARKS ____
LOGGED BY A. L'Orsa

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS oz/ton	ASSAYS oz/ton
0	4.08	CASING								Au, fire	
		ANDESITIC TUFFS THROUGHOUT.									
4.08	10.33	Lapilli tuff, med. greenish grey. Local reddish sections with finely disseminated specularite. Matrix: ± 10% feldspar xls of ± 1mm length. Structure: vague shears, increasing downhole. Clasts exhibit stretch lineation. Clasts: Subrounded to angular. Include lighter green-grey tuffs, generally fine grained, with vague hematitic reaction rims. Pyrite: Locally disseminated in shears. Veins: ① Calcite veinlets common. Host @ 45° to CA ② White quartz + mi. calcite ± pyrite. Rare		≤ 5							
		* 4396: White to grey quartz vein @ 10° to CA ± 1cm diameter, Mi. calcite. Py 1% dis. in vein; cubic ≤ 3mm. ≤ 5% dis. in wallrocks.	4396	≥	10.0	10.7	70 cm			0.001	
10.33	28.0	Lapilli tuff to coarse tuff. Hematitic. Dark reddish grey; local greenish grey. Clasts: include few blocks ≤ 9cm - blackish red. Also pale reddish grey & med. greenish grey. Structure: Shear zone. Stretch lineation. 60°-90° to core axis. Chloritized. Locally sericitized + clay, particularly 23.0-23.30 m									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN

HOLE NO. RPB9-30 SHEET NO. 2 of 3

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au	ASSAYS OZ/TON Ag (ppm)
10.33	28.0	cont. Veins: ① White quartz ≤ 80/m; gen. ≤ 5mm dia. ② Barite ± minor calcite; e.g. 1 cm wide @ 45° ③ Fe carbonate (ankerite?), late stage veinlets with pyrite. 0° - 90° to core axis.									
		# 4397. Strong shear zone @ 60° to core axis. • Lenticular barite ± calcite veins diss. specularite. No pyrite? Hi. quartz. • Cut by ankerite (?) - quartz veinlets @ low angles to core axis & @ 45°-55° to shear planes.	4397	<1	11.55	11.65	10 cm			0.001	1.3
		# 4398 Barite-rich shear zone @ 55-90° to CA Calcite. No ankerite (?). Quartz? specularite, diss.	4398	<1	16.97	17.07	10 cm			0.001	22.9
		# 4399 Bleached, chloritized, sericitized, kaolinized (?), crenulated part of shear zone. Vuggy ankerite veins - minor. Local quartz veins (≤ 5 mm) + mi. pyrite		<1	23.09	23.29	20 cm			0.001	0.7
28.0	42.44	Lapilli tuff. Greenish grey to reddish grey. Matrix: ± 1mm tuff. Structure: Variable shears @ 40°-75° Clasts: Angular to subrounded. ① Blackish red. ② Dusky red ③ Med. green grey. Veins: ① White calcite common, e.g. 15/m. ② White to clear quartz - calcite - pyrite - chlorite, @ 10°, 65° to core axis.									
		# 4401 Quartz - calcite - dark chlorite - pyrite - sericite vein @ ± 90° to CA in shear @ 45° to CA. ± 50% py across 10 cm. Minor chalcopyrite, ± Galena.	4401	7	35.53	36.03	50 cm			0.058	5.4

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MT.

HOLE NO. RP89-30 SHEET NO. 3 of 3

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au	ASSAYS ~~OZ/TON~~ Ag PPM
28.0	42.44	Cont.								Au	Ag ppm
		#4402 Quartz - calcite - dark chlorite - pyrite - chalcopyrite vein ± 2 cm wide but parallel to core for ± 60 cm. Host tuff generally sheared, ± @ 70°; semi. Pyrite: ① cubic ≤ 5mm ② Massive ③ ± 0.1mm, diss. in wall rocks.	4402	7	41.0	41.70	70 cm			0.214	16
42.44	90.22 EOH	Tuff, including lapilli. Local volcanic breccia (?). Medium to dark reddish grey. local greenish grey sections. Matrix: ± 3% diss. specularite - many sections: Clasts: Dark red to greyish red. Med. dark grey with hematitic reaction rims. Light olive grey around 72 m. Few blocks. Structure: General, light, shearing. Chlorite along shear planes. Host ± 50°-65° to core. Strong shear zone with boudinaged cal-quartz - barite veins ± 80.35-86.64 m. Dyke (?): Greenish grey, very fine grained @ 55.64-56. Veins: ① vuggy quartz - calcite - dolomite (?) - pyrite ② calcite veinlets common. ③ Barite - calcite - minor quartz. ④ local anhedrite? veinlets.									
		#4403 & 4405. Bleached zone - not a shear, with drusy dol - calcite veins + pyrite (≤1mm) few anhedrite ? veinlets. Few quartz - calcite.	4403	0.5	48	49	1 m			0.001	0.6
			4405	< "	49	50	1 m			0.001	1.8
		#4406 Barite - rich shear zone. Barite - calcite lenses.	4406	"	84.10	84.65	55 cm			0.001	19.1
		Whole rock analyses - see appendix. #4413: Red-black "andesite"; 45.3m. #4414: Grey-orange bleached zone @ 48.70. #4415: Dark greenish-grey "andesite"; @ 50.35m									

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MOUNTAIN
HOLE NO. RP89-31 LENGTH 117.65 m (386')
LOCATION Below road to Chisholm shaft. Short access road.
LATITUDE 107+28N DEPARTURE 93+83 E
ELEVATION _____ AZIMUTH 001° DIP -43°
STARTED 22 August 1989 FINISHED 24 August 1989

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH
0	-43°	001°			
108	45°				

HOLE NO. _____ SHEET NO. 1 of 3
REMARKS _____

LOGGED BY A. L'Orsa

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS OZ/TON Au	ASSAYS OZ/TON
0	7.20	CASING HEMATITIC ("maroon") ANDESITE TUFF. The entire hole was drilled in a hematitic, andesitic, pyroclastic unit with local greenish-grey alteration zones. In most of the core the rock is reddish grey to blackish red. Plagioclase crystal fragments are more or less present throughout, & locally the rock is a crystal tuff. Disseminated hematite appears to be ubiquitous, except in the few Fe-reduced sections.									
7.20	18.28	Tuff, includes lapilli & 1-2 mm plagioclase fragments, (≤ 16'). Blackish red > dark grey-greens & olive grey. clasts include green-grey with hematitic reaction rims. Veins: ① calcite; 0-45° to core, ≤ 2mm wide gen.; common - e.g. 20/m. ② Quartz > calcite; few, e.g. 70° to core. ③ Fe carbonate veinlets rare; cut calcite.									
18.28	19.60	Bleached; rusty; clay minerals; Top contact @ 70°. white quartz vein ± 3 cm near base. Gouge. Local bx.	4407	<1	19.36	19.56	20 cm			0.001	

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MT.

HOLE NO. RP89-31 SHEET NO. 2/3

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS PPM	ASSAYS OZ/TON	ASSAYS OZ/TON
								Cu	Ag	Au	
19.60	20.58	Alteration: Greyish orange clasts stand out in lapilli tuff or tuff-breccia. Frags. ≤ 11 cm. Carbonatized. Hematitic. 1-2 mm feldspars in matrix clasts include (1) greyish orange (2) dark grey feldspar porphyry (3) Reddish black									
		Calcite veins common, generally @ low angles to core. Lower contact @ 75°.									
20.58	86.70	Coarse tuff to lapilli tuff + blocks. Greyish red to blackish red. Locally dark brick red.									
		1 to 2 mm (generally) plagioclase crystals in matrix & clasts. Generally ≤ 10% vls, but locally (e.g. 45m) ≤ 50%									
		clasts are greenish to reddish grey to greyish red (≤ 12.5 cm around 42 m), sub-rounded to angular.									
		Veins include: Calcite ≤ 1 cm generally, # @ 45° or less to core. Few to 10/m. • Quartz-carbonate-pyrite; commonly at high angles. • Epidote; rare. At 71.8 m.									
		# 4408: Quartz-carb. coarse pyrite. ± 5 cm vein @ 80° Local low angle shearing. Local sericite. Little alt. Wall rocks are med. greenish grey.	4408	3	38.00	38.50	50cm			0.016	
		# 4409: Quartz-carb. coarse pyrite-dark chlorite ± 10cm @ 75° Minor chalcopyrite. Sericite-chlorite alt. Wall rocks fgn. med. greenish grey. Shearing. Crenulated folds.	4409	5	44.50	44.90	40cm	0.1	10.1	0.026	

LANGRIDGES – TORONTO – 366-1168

FORM 7

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME MT.

HOLE NO. RP89-31 SHEET NO. 3/3

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	METRES FROM	METRES TO	SAMPLE TOTAL	ASSAYS % Cu	PPM Ag	OZ/TON Au	PPM Zn	PPM Pb
20.58	86.70	continued.										
		#4410 Quartz-carbonate-pyrite-dark chlorite ± 15 cm @ 45°. Very little pyrite. Shear with sericite & chlorite	4410		57.11	57.41	30 cm	0.01	1.0	0.001	176	484
86.70	93.70	Lapilli tuff, grey red. Polymictic with hematitic matrix. Dis. specularite. Clasts include ① blackish-red feldspar porphyry ② pale red. ③ Very pale orange collapsed pumice ?? Bedding? @ 70-80° to core axis. Distinctive unit near top – fades down hole										
93.70	117.65 EOH (386')	Lapilli tuff. Few blocks (≤ 8 cm). Matrix-supported. Angular to rounded. Shades of dark red-greys. Plagioclase crystal fragments common. Last 80 cm of hole = crystal tuff.										
		Veins include calcite, quartz-pyrite-etc &, rarely, quartz-epidote-dark chlorite.										
		#4411 Quartz-pyrite-chalcopyrite. Slice of vein only. Associated shear + chlorite & mi. sericite Reddish rocks altered greyish-green 109.75-±112.50 - gradational.	4411	10	110.23	110.37	14 cm	0.81	67.7	0.070	37	446
		#4412 Quartz-carb.-chlorite. 5 cm dia., 35° Pyrite & minor chalcopyrite in wallrock. Crenulated shearing @ high angles, with sericite. Alteration minor.	4412	<0.5	111.45	112.00	55 cm			0.012		

LANGRIDGES — TORONTO — 366-1188

FORM 7

APPENDIX 2

Analyses

MIN • EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA
TELEPHONE (604) 980-5814 OR (60
TELEX: VIA U.S.A. 7601067 • FAX (60

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7C
TELEPHONE: (705) 264-9998

Assay Certificate

9S-0132-I

Company: MPD CONSULTANTS LTD.
Project: HOLE RP-89-25
Attn: S.KELLEY/S.JENNER

Date: AUG-1

Copy 1. MPD CONSULTANTS, OAKVILLE, ONT.
2. CANADIAN UNITED MINERALS, VANCOUVER
3. MPD CONSULTANTS, C/O MIN-EN LABS.

RP89-25

We hereby certify the following Assay of 8 ROCK samples submitted AUG-15-89 by S.JENNER.

Sample Number	*AU G/TONNE	*AU OZ/TON
4 320	.02	.001
4 321	.02	.001
4 322	.01	.001
4 323	.01	.001
4 324	.04	.001
4 325	.05	.001
4 326	.02	.001
4 327	.01	.001

OK entered

*AU - 1 ASSAY TON.

Certified by

MIN-EN LABORATORIES

MIN
• EN
LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-45
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-96

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9S-0135-RA1

Company: MPD CONSULTANTS LTD.
Project: HOLE 89-26
Attn: S.JENNER/S.KELLY

Date: AUG-17-89

Copy 1. MPD CONSULTANTS, OAKVILLE,ONT.
2. CANADIAN UNITED MINERALS, VANCOUVER,BC
3. MPD CONSULTANTS, C/O MIN-EN LABS.

We hereby certify the following Assay of 15 ROCK samples submitted AUG-15-89 by S.JENNER.

RP89-26

Sample Number	*AU G/TONNE	*AU OZ/TON
4 328	.02	.001
4 329	.01	.001
4 330	.01	.001
4 331	.02	.001
4 332	.01	.001
4 333	.02	.001
4 334	.04	.001
4 335	.20	.006
4 336	.03	.001
4 337	.05	.001
4 338	.03	.001
4 339	.01	.001
4 340	.02	.001
4 341	.83	.024
4 342	.01	.001

OK entered

OK

*AU - 1 ASSAY TON.

Certified by Ben Jinks

MIN-EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T
TELEPHONE (604) 980-5814 OR (604) 988-
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9S-0142-RA1

Company: MPD CONSULTANTS
Project: HOLE RP 89-26
Attn: S.KELLEY/S.JENNER

Date: AUG-18-8

Copy 1. MPD CONSULTANTS, OAKVILLE, ONT.
2. CANADIAN UNITED MINERALS, VANCOUVER, BC
3. MPD CONSULTANTS, C/O MIN-EN LABS.

We hereby certify the following Assay of 19 samples submitted AUG-17-89 by S.JENNER.

RP 89-26

Sample Number	*AU G/TONNE	*AU OZ/TON
4 343	.01	.001
4 344	.01	.001
4 345	.02	.001
4 346	.01	.001
4 347	.01	.001
4 348	.01	.001
4 349	.01	.001
4 350	.02	.001
4 351	.01	.001
4 352	.02	.001
4 353	.01	.001
4 354	.02	.001
4 355	.01	.001
4 356	.01	.001
4 357	.01	.001
4 358	.02	.001
4 359	.18	.005
4 360	.01	.001
4 361	.01	.001

*AU - 1 ASSAY TON.

Certified by

MIN-EN LABORATORIES

705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
CANADA V7M 1T2

TELEX: VIA USA 7601
FAX: (604) 980-9

MIN-EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 986-4
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 687
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9S-0160-RA1

Company: CANADIAN UNITEAD MINERALS
Project: DOME MOUNTAIN
Attn: R.HOLLAND/S.KELLEY

Date: AUG-29-89

Copy 1. CANADIAN UNITED MINERALS, VAN., B.C.
2. TEESTUM RESOURCES., OAKVILLE, ONT.
3. CANADIAN UNITED MIN., C/O MIN-EN LABS.

He hereby certify the following Assay of 21 ROCK samples submitted AUG-27-89 by R.HOLLAND.

Sample Number	AU G/TONNE	AU OZ/TON
4 362	.01	.001
4 363	.02	.001
4 364	.22	.006
4 365	.03	.001
4 366	.05	.001
4 367	.04	.001
4 368	.62	.018
4 369	.04	.001
4 370 - 28	.02	.001
4 371	.02	.001
4 372	1.00	.029
4 373	.01	.001
4 374	.37	.011
4 375	.21	.006
4 376	1.40	.041
4 377	.02	.001
4 378	.01	.001
4 379	.01	.001
4 380	.01	.001
4 394 28	.02	.001
4 395	.02	.001

Certified by

MIN-EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M
TELEPHONE (604) 980-5814 OR (604) 98
TELEX: VIA U.S.A. 7601067 • FAX (604) 9

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 887
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-6996

Assay Certificate

9S-0166-RA

Company: CANADIAN UNITED MINERALS
Project: DOME MT.
Attn: R.HOLLAND/S.KELLEY

Date: AUG-31-

Copy 1. CANADIAN UNITED MINERALS, VANCOUVER, B
2. TEESTUK RESOURCES, OAKVILLE, ONT.
3. CANADIAN UNITED MINERALS, C/O MIN-EN

He hereby certify the following Assay of 28 ROCK samples submitted AUG-29-69 by R.HOLLAND.

Sample Number	AU G/TONNE	AU OZ/TON
4381	.02	.001
4382	.01	.001
4383	.01	.001
4384	.18	.005
4385	.02	.001
4386	.61	.018
4387	.01	.001
4388	1.00	.029
4389	.01	.001
4390	.01	.001
4391	.26	.008
4392	2.65	.077
4393	.17	.005
4396	.03	.001
4397	.02	.001
4398	.04	.001
4399	.02	.001
4401	1.98	.058
4402	7.33	.214
4403	.02	.001
4404	.01	.001
4405	.01	.001
4406	.03	.001

Certified by

MIN-EN LABORATORIES

COMP: CANADIAN UNITED MINERALS
PROJ: DOME MOUNTIAN
ATTN: R.HOLLAND/S.KELLEY

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9S-0160-R.
DATE: AUG-29-8
* TYPE ROCK GEOCHEM * (ACT:F31

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
4362	1.5	8250	6	2	136	.8	6	51470	3.2	26	10	47660	1620	8	12650	2733	4	250	11	610	104	4	17	1	1	89.2	176	1	2	1	1
4363	.8	6290	10	1	62	.7	4	46250	3.4	24	5	42910	1960	3	14420	2998	4	150	11	550	62	1	17	1	1	24.2	226	1	1	1	1
4364	80.7	1270	227	4	19	.3	9	5360	309.1	10	2512	18090	370	1	2700	940	15	40	4	110	21739	1295	8	1	1	4.7	19026	1	1	2	139
4365	1.2	23780	1	1	45	.8	7	30890	5.6	28	25	50830	1530	20	30910	4053	7	100	14	560	212	11	13	1	1	54.3	491	1	2	1	1
4366	.9	28840	1	1	21	1.0	7	24200	2.8	30	10	51270	540	28	34700	3149	7	250	14	590	114	3	10	1	1	111.5	650	1	2	1	1
4367	.8	27780	5	1	34	.7	5	20420	1.6	27	4	52500	760	25	24040	2336	7	270	11	550	62	1	12	1	1	95.7	316	4	2	1	1
4368	2.4	3510	26	2	53	.8	8	43610	7.0	20	211	41580	1610	2	17320	3515	6	70	11	620	77	8	7	1	1	19.1	332	1	2	1	1
4369	1.0	7930	13	1	519	.7	6	72750	4.1	23	7	44750	1510	4	20870	4211	6	100	14	490	59	1	29	1	1	30.7	186	1	2	1	1
4370	2.4	5320	23	1	819	.5	5	52010	3.3	19	32	39530	1310	2	13760	2046	4	100	5	480	50	2	10	1	1	40.0	86	2	1	1	1
4371	1.3	17090	1	1	82	.7	5	43450	2.7	25	123	49100	1510	14	22100	3353	6	150	15	530	49	1	13	1	1	67.4	230	1	1	1	1
4372	59.6	15970	280	1	73	1.0	14	34880	29.4	32	3413	76870	1660	14	24360	3671	6	140	11	500	184	1316	14	1	1	50.3	1452	1	2	1	1
4373	1.0	29490	1	1	39	.8	7	25390	3.5	29	27	55220	340	31	33860	3335	8	300	15	560	57	9	10	1	1	159.7	387	1	1	1	1
4374	1.2	5540	15	2	66	.9	8	32850	2.4	26	142	53250	1860	3	13270	4393	4	60	8	520	52	4	6	1	1	39.6	202	1	2	1	1
4375	.5	9450	16	1	37	.7	5	33100	2.9	27	19	50900	770	7	19730	4417	6	220	14	600	54	2	16	1	1	73.7	340	1	2	1	1
4376	46.9	1690	166	4	29	.5	87	19540	20.4	15	1214	64560	870	1	5690	1407	16	50	1	190	1390	117	4	1	1	11.1	892	1	1	12	52
4377	4.1	3460	29	1	237	.6	5	31040	23.7	17	313	31170	2030	1	7190	3462	4	60	5	620	567	22	4	1	1	9.7	1122	1	1	1	1
4378	.1	7700	5	1	220	.7	4	5030	.5	28	84	58870	1310	2	1720	4459	1	60	5	470	39	1	3	1	1	38.7	84	1	1	1	1
4379	.1	5940	26	1	237	.8	4	3010	.5	35	87	66690	1270	1	670	3898	2	40	3	550	27	1	3	1	1	35.7	98	1	1	1	1
4380	.7	14230	7	2	218	.8	4	15090	.5	62	17	168770	730	6	8780	943	1	120	1	450	33	1	10	1	1	37.8	81	1	2	1	1
4394	2.8	11680	8	1	158	.6	6	47900	.5	26	75	76070	1150	4	6040	1738	3	140	1	600	50	1	1	1	1	29.0	53	1	2	1	1
4395	.8	2600	2	1	5039	.1	1	22350	1.3	6	7	7000	160	1	1290	465	1	30	3	70	3	1	88	1	3	12.0	10	1	1	1	1

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
4381	1.1	13130	14	1	156	.5	8	31950	.5	34	33	62640	830	5	7220	1157	4	180	1	540	25	1	1	1	1	48.4	62	1	2	1	1
4382	1.2	24400	12	1	94	.6	10	30180	.5	47	40	139440	720	9	14020	1638	2	150	1	550	33	1	1	1	1	61.1	116	2	2	1	1
4383	1.7	14950	9	1	54	.5	6	8190	.5	33	136	166700	1130	4	7500	838	1	160	1	470	15	1	2	1	1	45.6	84	1	2	1	1
4384	1.7	14920	17	1	56	.6	8	73720	.6	28	145	48480	1380	8	13480	3466	10	80	5	420	37	1	11	1	1	31.4	129	1	1	1	11
4385	.5	20250	1	1	117	.6	5	39660	2.4	21	87	36680	2310	11	16280	2971	4	120	10	650	32	1	14	1	1	38.7	179	1	1	1	1
4386	1.5	23140	1	1	45	.7	8	69440	3.5	32	231	58710	1200	13	32510	5555	13	80	18	430	89	3	29	1	1	56.5	296	1	2	2	22
4387	.1	13360	54	1	246	.7	3	3620	.5	29	26	60930	630	4	2130	1941	1	100	1	680	20	1	5	1	1	98.6	219	1	1	1	1
4388	1.5	12730	38	1	63	.6	6	34750	1.9	20	370	51770	1720	6	12030	4540	6	90	8	330	42	1	1	1	1	32.4	121	1	1	1	29
4389	1.2	6850	24	1	49	.7	6	36780	3.4	22	76	41010	1930	2	13900	6197	6	60	11	340	62	2	5	1	1	19.0	94	1	1	1	16
4390	.8	18390	5	1	112	.8	6	43760	1.0	31	176	59960	1830	11	20460	2930	7	80	7	350	46	1	9	1	1	38.4	142	1	1	1	20
4391	.5	23020	1	1	116	.6	5	26680	1.7	28	10	54120	1560	14	20630	2209	6	180	7	410	47	1	7	1	1	42.0	146	1	1	1	8
4392	15.3	6590	66	1	43	.6	12	37580	10.7	16	420	53820	1860	3	12990	6251	7	70	9	330	266	78	11	1	1	14.4	422	1	1	4	30
4393	1.1	12710	5	1	89	.7	5	41070	2.5	20	45	39610	2390	7	14710	3163	5	100	7	410	59	1	20	1	1	17.2	99	1	1	1	15
4396	1.1	13630	13	1	90	.4	5	38290	.5	15	10	34570	1800	7	7650	2356	3	160	2	390	61	1	1	1	1	32.4	68	1	1	1	13
4397	1.3	5810	21	1	5196	.4	5	111340	2.0	12	23	29140	1840	1	2960	2482	1	160	5	340	35	1	38	1	1	64.3	43	1	1	1	11
4398	22.9	6490	18	1	3398	.4	6	158090	1.8	13	3269	19370	820	2	4680	4192	3	110	8	290	56	3	61	3	1	39.7	72	1	1	1	2
4399	.7	6610	25	1	751	.7	5	63740	2.1	23	29	52720	1030	1	21120	3880	7	50	7	700	64	3	21	1	1	63.0	314	1	1	1	1
4401	5.4	12660	61	1	62	.8	7	32060	.6	21	566	84520	1400	5	6800	2775	1	70	1	460	904	1	102	1	1	33.7	192	1	2	1	1
4402	16.2	8020	42	1	242	.6	13	72570	2.0	18	4483	46140	2360	1	2670	4016	2	110	7	310	119	3	5	1	1	21.0	52	1	1	1	29
4403	.6	8230	78	1	93	.8	4	38390	2.5	27	52	60650	810	3	14360	3935	5	50	3	840	55	3	14	1	1	69.5	490	1	1	1	1
4404	1.0	14210	12	1	164	.5	5	43720	2.1	20	107	37860	2260	8	18440	2537	5	130	10	450	44	1	25	1	1	19.4	122	1	1	1	6
4405	1.8	9740	226	1	91	.9	5	35520	4.3	33	46	55440	1080	10	15320	2793	5	110	5	990	83	231	9	1	1	66.9	601	1	1	1	1
4406	19.1	2100	44	1	4119	.1	6	219070	2.3	7	1931	8580	820	1	1850	4166	3	50	11	250	48	10	16	5	1	17.7	16	2	1	1	17

SAMPLE NUMBER	AG PPM	AL PPM	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA PPM	CD PPM	CO PPM	CU PPM	FE PPM	K PPM	LI PPM	MG PPM	MN PPM	MO PPM	NA PPM	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	U PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
4409	10.1	16440	32	1	68	.8	10	36080	.9	24	1055	54090	1090	13	13470	3551	9	70	10	400	134	1	16	1	1	24.9	146	2	2	1	13
4410	1.0	16440	1	1	397	.7	6	33630	2.8	19	132	39340	1090	12	17760	4295	5	50	9	280	484	1	21	1	1	24.0	176	1	1	2	56
4411	67.7	2500	23	1	48	.6	74	13230	.3	14	8093	63580	170	2	1870	609	4	30	1	30	446	7	3	1	1	6.0	37	1	1	1	73

OFFICE AND LABORATORIES:
705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
CANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-
TELEX: VIA USA 760
FAX: (604) 980-

MIN • EN LABORATORIES

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1
TELEPHONE (604) 980-5814 OR (604) 98
TELEX: VIA U.S.A. 7601067 • FAX (604) 98

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9956

Assay Certificate

9S-0179-RA1

Company: MPD CONSULTANTS
Project: RP89-31
Attn: S.KELLEY/R.HOLLAND

Date: SEP-05-8

Copy 1. MPD CONSULTANTS, OAKVILLE, ONT.
2. CANADIAN UNITED MINERALS, VANCOUVER, BC

He hereby certify the following Assay of 6 ROCK samples submitted SEP-03-89 by TONY L'ORSA.

Sample Number	*AU G/TONNE	*AU OZ/TON
4407	.05	.001
4408	.54	.016
4409	.88	.026
4410	.02	.001
4411	2.40	.070
4412	.41	.012

*AU - 1 ASSAY TON.

CORE : DDH RP89-30

COMP: MPD CONSULTANTS
PROJ: RP89-30
ATTN: S.KELLEY/R.HOLLAND

MIN-EN LABS — WHOLE ROCK ANALYSIS

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7N 1T2
(604)980-5814 OR (604)988-4524

FILE NO: 9S-0209-RL1
DATE: SEP-16-89
• TYPE WHOLE ROCK ANALYSIS • (ACT:FIRE)

SAMPLE NUMBER	AL2O3 %	BA %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	SR %	TIO2 %	S %	LOI %
4413	17.65	.035	7.72	8.18	2.21	.49	.27	5.42	.23	50.02	.015	.69	.24	6.00
4414	21.13	.125	2.44	7.32	1.96	1.48	.38	.19	.14	47.79	.005	.85	.35	15.10
4415	17.83	.105	3.02	9.02	1.41	3.56	.41	3.98	.18	52.46	.015	.72	.25	6.60