Assessment Report on Diamond Drilling on the Forks Two Group

Dome Mountain Project

Omineca Mining Division
British Columbia

Mapsheet:	93L/10,15
Location:	54 degrees 45' North 126 degrees 39' West
NTS:	653400 E 6068600 N
Owner:	Habsburg Resources Inc. 1075 N. Service Rd. W., Unit 6 Oakville, Ontario L6M 2G2
Operator:	Timmins Nickel Inc. 205-155 University Ave. Toronto, Ontario M5H 3B7
Author:	Hans Smit
Date:	October 22, 1992

SUMMARY:

In January and February 1992, seven NQ diamond drill holes totaling 546 metres were drilled on the Cope 1 claim on Dome Mountain. Drilling was targeted on the Boulder Shear, a structure which hosts an auriferous quartz vein currently being mined.

Drilling further defined the structure east of current reserves and outlined potential ore. The best intersection was 4.8 m grading 0.788 opt gold.

Further drilling and underground development are required to prove up the potential ore and to continue exploring the Boulder structure.

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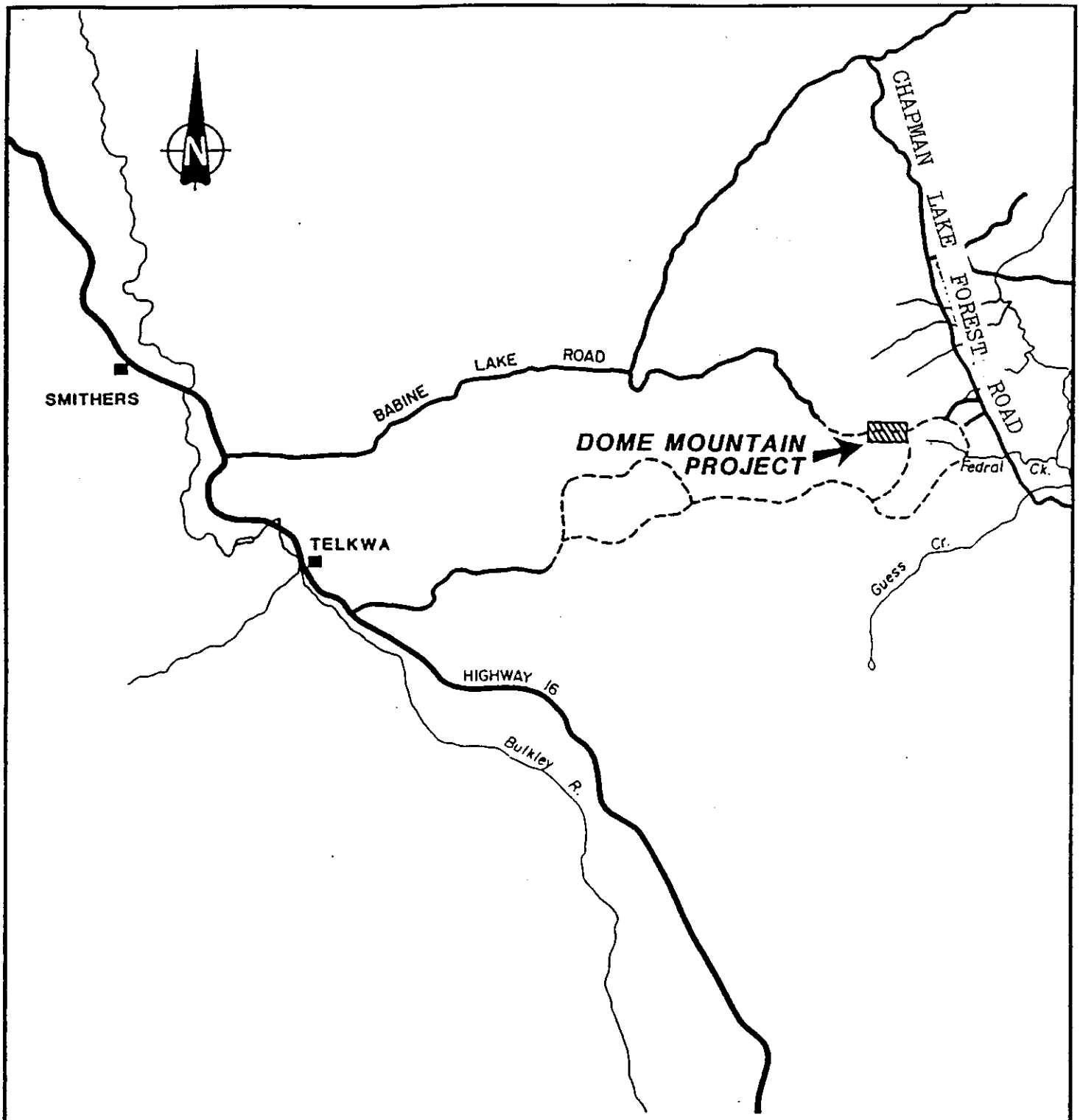


Kilometres
0 5 10 15 20

0 5 10
Miles

DOME MOUNTAIN PROJECT

FIG. 1 LOCATION MAP

SCALE: 1:250,000 | DATE: Oct. /92

INTRODUCTION:

Timmins Nickel Inc. drilled 13 NQ diameter holes totaling 1045 metres (3430 ft) on the Dome Mountain Property in late January and early February of 1992. All drilling was targeted on the Boulder shear structure, east of current ore reserves. Seven of the holes, D92-1,2,3,4,6,7 and 13, totaling 546 metres (1790 ft) were located on the Cope 1 claim. Costs of these holes was applied for assessment credit to claims in the Forks Two Group.

Drilling was contracted to J.T. Thomas Diamond Drilling of Smithers. Drilling commenced on January 20 and was completed on February 2, with a break in drilling from January 26 to 31. Hans Smit supervised the drilling and logged all the core. Drill road and site preparation was contracted to Jack deCoteau Contracting of Smithers. Chris Warren was hired to split core. Core samples were prepared at the Min-En laboratory in Smithers and then sent to their Vancouver laboratory for gold and silver assays. Vein intercepts were analyzed by 31 element ICP in addition to assays. All drill collar locations were surveyed by A.A. deBruyne Surveys of Smithers.

Drill core is stored in Smithers.

Total expenditures for the drill holes on the Cope 1 claim were $38,000.00.

LOCATION AND ACCESS:

Dome Mountain is 31 km east of Smithers, British Columbia, at 54 degrees 45' north latitude and 126 degrees 39' west longitude, and is shown on NTS maps 93L/10 and 15. The Chapman Forest Service Road provides good access all year from Smithers (60 km) or Houston to the eastern base of the mountain. A branch road leaves the Chapman Road about 250 m south of the 69 km sign and provides access to the Dome Mountain Mine workings. Various subsidiary roads provide four-wheel drive access to other parts of the property.

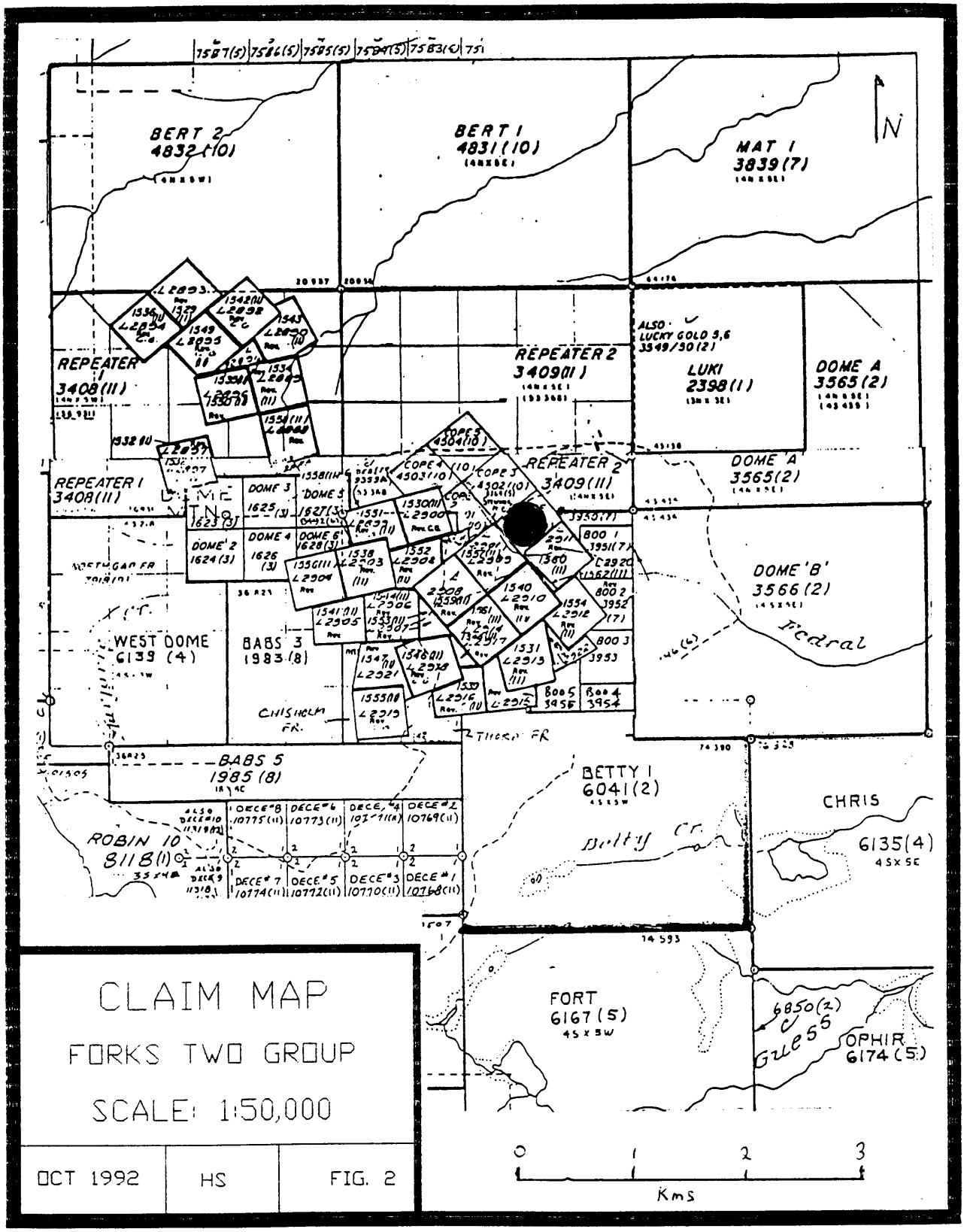
The drill holes on the Cope 1 claim were drilled at 1300 to 1350 meter elevation in an area north of the lower mine portal.

PHYSIOGRAPHY AND VEGETATION:

Dome Mountain is a glacially rounded summit that reaches an elevation of 1735 m above sea level and 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 alpine fir, spruce, pine, and a few deciduous species.

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

The area is generally free from snow from May to October.



CLAIM MAP

FORKS TWO GROUP

SCALE: 1:50,000

OCT 1992	HS	FIG. 2

Drill Area

CLAIMS AND OWNERSHIP:

The drill holes described in this report were on the Cope 1 claim which is part of the Forks Two Group. All claims in the Group are owned by Habsburg Resources Inc. (formerly Teeshin Resources Ltd.) of 1075 North Service Road West, Unit 16, Oakville, Ontario, L6M 2G2, subject to several agreements.

TABLE 1
FORKS TWO GROUP CLAIMS

Claim	Units	Title No.
Babs 3	8	238150
Babs 5	6	238152
Betty 1	20	238748
Boo Fr.	1	238435
Boo 1	1	238436
Boo 2	1	238437
Boo 3	1	238438
Boo 4	1	238439
Boo 5	1	238440
Chisholm Fr.	1	302970
Cope 1	1	238538
Cope 3	1	238540
Cope 4	1	238541
Cope 5	1	238542
Dome B	20	238384
Dome 1	1	238090
Dome 2	1	238091
Dome 3	1	238092
Dome 4	1	238093
Dome 6	1	238095
Freda	1	238073
Josie	1	238059
New York	1	238081
No. 3	1	305642
No. 6	1	238068
Raven	1	238060
Snowdrop	1	238083
Telkwa	1	238061
Thorp fr.	1	303095
Tom Fr.	1	238075
Trail	1	238082
Trail Fr.	1	238074
Vancouver	1	238067
Victoria Fr.	1	238072
Wallace	1	238086
Wallace Fr.	1	238088

PREVIOUS WORK:

Timmins Nickel Inc. is currently mining the Boulder Vein on Dome Mountain. Mineral exploration work on the property includes over 20,000 m of diamond drilling, several adits and associated underground workings, as well as geological, geochemical and geophysical surveys.

GEOLOGY:

Dome Mountain lies on the Skeena Arch, near the southern edge of the Bowser Basin. The area is mainly underlain by island arc 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 by McIntyre, et al. (1987) and the geological setting has been described by Tipper and Richards (1976).

The rocks exposed on Dome Mountain are predominately basaltic and andesitic pyroclastics that range from tuffs to volcanic breccias. Lappilli tuffs appear to be the most common. Minor volcanic flows, generally amygdaloidal in character, are also present.

Sequences of sedimentary rocks, including locally fossiliferous volcaniclastic sandstones and graphitic siltstones, have been observed on the eastern and southern slopes of the mountain.

Quartz veins containing gold, silver, and base metals occur in both the volcanic and sedimentary rocks on Dome Mountain. The veins are structurally controlled and are associated with both ductile and brittle deformation. Alteration associated with the veins includes extensive zones of iron-magnesium carbonates and sericite, and local zones of silicification and albitization.

Minable reserves of 325,000 tons assaying 0.36 opt gold and 2.35 opt silver were reported to be present on the property before the 1992 drill program (The Northern Miner, 1 July 1991).

RESULTS FROM 1992 DRILLING:

Geology:

The 1992 drill holes intersected the same geological units as have been previously intersected on the property. In brief, there is an upper unit (Volc/Sed) of mixed volcanics (andesite to dacite volcaniclastics) and sediments (tuffaceous sediments, minor bedded graphitic siltstone/ sandstone). Rocks of this unit are green to grey in color, with rare sections of red to maroon lapilli tuffs.

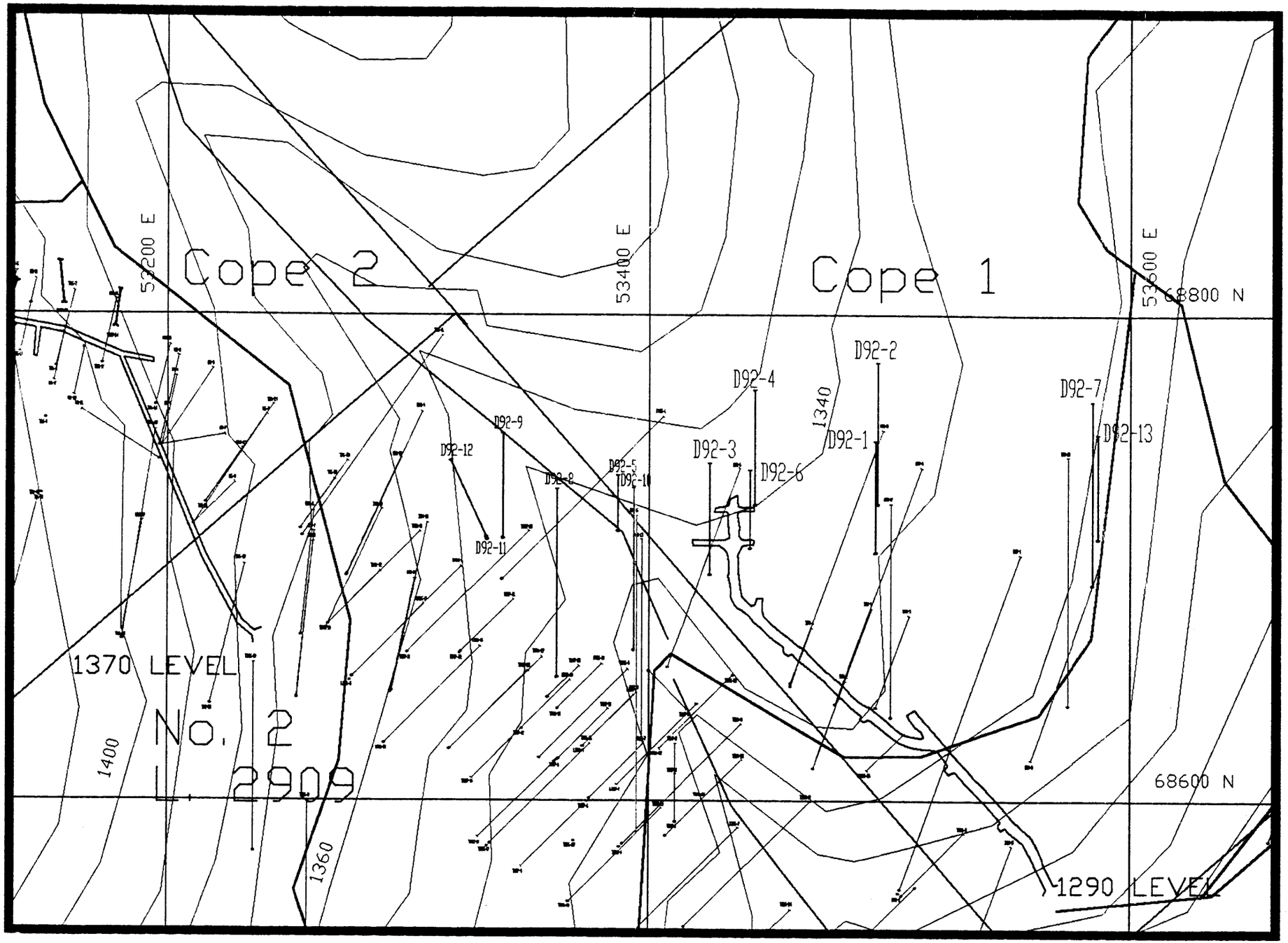

Cope 2
Cope 1
52200 E
53400 E
53600 E
68800 N
68600 N
1370 LEVEL
No. 2
1290 LEVEL
1400
1360
1340
D92-1
D92-2
D92-3
D92-4
D92-5
D92-6
D92-7
D92-8
D92-9
D92-10
D92-11
D92-12
D92-13
UTM
N
LEGEND
CREEK
ROAD
CONTOUR
TRENCH
DD HOLE
UNDERGROUND
UTM GRID
0 100 200 300
METERS
SCALE 1:2000
DOME MOUNTAIN PROJECT
COPE 1 DRILLING
JAN. - FEB. 1992
OCT. 1992 HS

FIG. 3

Below this unit a distinctive unit (Amygdaloidal Flow) of massive maroon to green basaltic flows occurs. Variable amounts of calcite filled amygdules and one to three millimetre red and green phenocrysts characterize this unit. The rocks of this unit are very competent and highly calcareous. This unit is the best host rock for ore known on the property. In the western part of the Boulder Vein, this flow unit lies directly below the upper Volc/Sed unit and is underlain by a thin unit (Bedded Tuff) of well bedded red crystal tuffs. These bedded tuffs are in turn underlain by a lower unit (Lapilli Tuff) of maroon and lesser green to grey lapilli to crystal tuff to tuff breccia.

East of a fault projected to underlie Boulder Creek (Boulder Creek Fault), the Bedded Tuff unit is not present and the Lapilli Tuff unit both overlies and underlies the Amygdaloidal Flow unit. The upper Volc/Sed unit overlies the Lapilli Tuff and Amygdaloidal Flow units.

West of the fault, the units strike northward and dip moderately to the east. All units occur in the hangingwall of the Boulder structure. The footwall is always the Lapilli Tuff.

East of the Boulder Creek Fault, the units dip very shallowly to the east and Amygdaloidal Flows were intersected both in the footwall and hangingwall of the Boulder structure. Displacement of the flow rocks is consistent with right lateral displacement along the Boulder Shear Structure as observed west of the fault.

Assay Results:

Drilling on the Cope 1 was targeted on the Boulder Shear structure east of current ore reserves. All holes except D92-4 intersected quartz veining. Hole D92-3 had the best intersection (4.8 m grading 0.788 opt gold). This intersection, and intersections in D92-1 and D92-6, were of the Boulder Vein. D92-3 also intersected narrow veins in the hangingwall and footwall of the Boulder Vein.

Holes D92-2 and D92-4 were still in overburden where they would have intersected the projection of the Boulder Vein. D92-2 intersected a footwall vein.

The two furthest east holes - D92-7 and D92-13 - both intersected quartz veins or stringers approximately on strike with the Boulder Vein. However, a sectional view of the holes shows a vein dipping much shallower than the Boulder, and therefore these intersections may not represent the Boulder Vein.

Drill hole locations are summarized in Table 2 and significant drill intersections are summarized in Table 3.

DRILL LOCATIONS
DOME MOUNTAIN PROJECT

1992 DRILLING
COPE 1 CLAIM

DRILL HOLE	AZIMUTH	DIP	LENGTH METRES	LOCATION EAST	NORTH	ELEV.
D92-1	360	-60	91.4	53493	68702	1337
D92-2	360	-45	82.3	53494	68722	1337
D92-3	360	-60	91.4	53425	68693	1338
D92-4	360	-45	67.1	53444	68721	1340
D92-6	360	-45	45.7	53442	68704	1339
D92-7	360	-45	106.7	53584	68689	1317
D92-13	360	-45	61.0	53587	68708	1316

DOME MOUNTAIN PROJECT

1992 DRILLING
COPE 1 CLAIM
SIGNIFICANT INTERSECTIONS

HOLE	FROM	TO (METRES)	WIDTH	Au oz/t	ROCK TYPE	STRUCTURE
D92-1	36.3	37	0.7	0.738	qtz vn	Boulder
D92-2	21.1	21.8	0.7	0.057	strs/altn/flt	FW?
D92-3	26.7	26.9	0.2	0.216	qtz vn	HW
	26.9	30.5	3.6	0.003	alt volc	
	30.5	31.6	1.1	2.863	qtz vn	Boulder
	31.6	34.2	2.6	0.034	alt volc	
	34.2	35.3	1.1	0.497	qtz vn	Boulder
	50.2	51.1	0.9	0.097	qtz vn	FW
92-4	no significant intersection					
D92-6	21.8	22.2	0.4	0.157	strs/shear	Boulder
D92-7	38.1	38.8	0.7	1.215	qtz vn	East HW Vein?
D92-13	38.6	39.0	0.4	0.074	qtz strs	East HW Vein?

CONCLUSIONS:

The 1992 drilling on the Cope 1 claim further defined the location of the Boulder Vein east of current reserves. A potential ore zone was intersected by D92-3.

Further drilling and underground development is required to confirm the potential ore zone around D92-3 and to continue exploring the Boulder Shear Structure for additional ore zones.

STATEMENT OF COSTS:

The following costs were incurred during drilling on the Cope 1 claim in January and February of 1992:

Drill footage:			
1790 ft x $14.25/ft			$25,507.50
Road/drill pad construction			
D-8 cat	40 hrs x $125	$5000	
Hoe	10 hrs x $120	$1200	
Skidder	5 hrs x $60	$ 300	
			$ 6,500.00
Fuel			$ 1,100.00
Drill supervision/planning			
	8 days x $300		$ 2,400.00
Core splitting	21 hrs x $10.00		$ 210.00
Analysis			
prep	59 x $3.50	$206.50	
Au+Ag assay	59 x $13.00	$767.00	
ICP	14 x $6.00	$ 84	
			$ 1,057.50
Pick-up			
5 days x $50			$ 250.00
Surveying			$ 300.00
Supplies			$ 150.00
Report/analysis			
2 days x $300			$ 600.00
		TOTAL	$38,075.00

REFERENCES:

McIntyre,D.G., Brown,D., Desjardins,P. and Mallot,P. (1987): Babine Project (93L/10, 15), B.C. Ministry of Energy, Mines and Petroleum Resources, Geological Fieldwork, 1986, Paper 1987-1, pages 201-222.

Tipper,H.W. (1976): Smithers map area, British Columbia, Geological Survey of Canada, Open File 351 (geological map).

Tipper,H.W. and Richards,T.A. (1976): Jurassic stratigraphy and history of north-central British Columbia, Geological Survey of Canada, Bulletin 270, 73 pages.

STATEMENT OF QUALIFICATIONS:

I, Hans Q. Smit, of Telkwa, British Columbia, do hereby certify that:

I am a consulting geologist with a business address at Comp. 18 Site 15, RR 1, Telkwa, BC, V0J 2X0.

I am a member of The Association of Professional Engineers and Geoscientists of the Province of British Columbia.

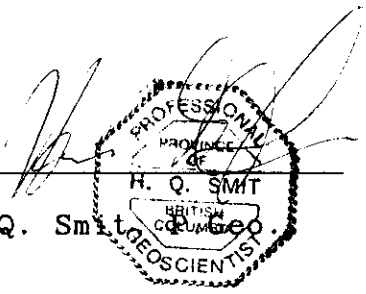
I am a fellow of the Geological Association of Canada.

I am a graduate from the University of British Columbia with a B.Sc. Honours (Geology).

I have no interest in any of the companies owning or operating claims covered by this report.

I personally supervised the drill program described in this report and logged all the core from holes described in the report.

I am the author of this report.



Hans Q. Smit, B.Sc.

22/92

Date

MM

APPENDIX A

DRILL LOGS
for
DRILLING on the COPE 1 CLAIM
DOME MOUNTAIN PROJECT

JANUARY - FEBRUARY 1992

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME
HOLE NO. D92-1 LENGTH 91.4m (300')
LOCATION BOULDER - EAST
LATITUDE 68702.331 DEPARTURE 53493.492
ELEVATION 1337.494 AZIMUTH 360° DIP -60
STARTED JAN 20/92 FINISHED JAN 21/82

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH

HOLE NO. D92-1 SHEET NO. 1 of 5
REMARKS

LOGGED BY HANS SMIT

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	ASSAYS ROD
0	6.1	CASING.										
6.1	16.8	VOLC/SED -INTERBEDDED GREEN-GREY XTL-LAPILLI TUFF (SOME POSSIBLE SEDIMENTARY LAYERS) AND MAROON LAPILLI TUFFS, QUITE VARIABLE UNIT. MODERATELY TO LOCALLY HIGHLY BROKEN CORE THRU-OUT (6.1 - 10.8) MEDIUM GREY XTL-TUFF WITH 10 TO 20% UP TO 3MM FELD. PHENOS; MODERATE PATCHY BLACK SPECKLING/MOTTLING ⇒ GRAPHITE?; IN PART LOOKS SEDIMENTARY; MINOR GREY LAPILLI TO 1 CM.; 80 % RECOVERY (10.8 - 12.8) ALTERED; BUFF; MOD TO INTENSE CLAY 60 % RECOVERY; RUSTY FRACTURES; IN PART CORE IS MUSH. (12.8 - 16.8) MAROON LAPILLI TUFF; ABUNDANT LAPILLI, MOSTLY TO 1CM, RARELY TO 4CM; PATCHY LIGHT GREEN-GREY AREAS (WEAK CHL-CARB-SER ALTN?); LOOKS MUCH LIKE LOWER LAP TUFF UNIT EXCEPT SOME AMY. VOLC FRAGS; 100 % RECOVERY REST OF HOLE UNLESS NOTED. -LAST 2M GETS INCREASINGLY FOLIATED @ 70 TO 80 °TO C.A.										6.1 - 10.8 70% 10.8 - 12.8 0% 12.8 - 16.8 70%

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-1 SHEET NO. 2 of 5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Ag oz/ton	ASSAYS RQD
16.8	18.6	ALTERED TUFF MOD, LOCALLY INTENSE QTZ-CARB-MARI; BUFF COLORED WITH GREEN MARIPOSITE SPECKS; MOD. FOL^ @ 80° TO C.A.; RELIC LAPILLI SOMETIMES VISIBLE; TRACE DISSEM PY; 4CM ZONE OF SHEARING/SIL^ @ 17.2M W. GREY (GRAPHITE?); MINOR BARREN QTZ-CARB STRS FOR 30CM BELOW.	61201	Tr	16.8	17.8	1.0			0.018	0.11	16.8-18.6 70%
18.6	33.5	VOLC/SED MIXED GREY-GREEN TUFFS, SOME POSSIBLE SEDS AND MAROON LAPILLI TUFF AS BEFORE; AGAIN LAPILLI TUFF LOOKS LIKE LOWER LAP. UNIT EXCEPT FOR CONTAINING SOME ANY. CLASTS; MINOR CARB. STRS; MOD. TO OCCASSIONALLY HIGHLY BROKEN CORE THRU-OUT. (18.6-22.3) MAROON LAPILLI TUFF; 60% DECREASING TO 10% LAPILLI FRAGS IN MEDIUM TO FINE MATRIX; MOD ALT^ AROUND A 0.5CM QTZ-CARB STR FROM 19.1 TO 19.9M (CARB-QTZ-MAG); CARB. COMMON IN MATRIX (22.3-25.0) GREY TO GREEN-GREY; LAPILLI TUFF; SOME TUFF BRXX WITH UP TO 8CM CLASTS, AND SOME TUFFACEOUS SEDIMENT(?); GREY/BLACK (GRAPHITE?) COMMON IN MATRIX OF COARSE TUFF 4CM QTZ-CARB VEIN @ 70° TO C.A @ 22.8M; SHEARING ABOVE; 4% FINE PY IN STR.	202	1%	22.3	27.8	5.5			0.022	0.15	18.6-22.3 80% 22.3-25.0 60%

LANGRIDGES -- TORONTO -- 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-1 SHEET NO. 3.f5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
18.6	33.5	VOLC / SEDS (CONT.) (25.0-32.6) MAROON LAPILLI TUFF; MOSTLY L/cm CLASTS; WEAK TO MOD FOL'N @ 60 TO 80° TO C.A. (32.6-33.2) GREY; WEAK CRACKLE TEXTURE; FINE GRAIN; CHL? IN FRACTURES (33.2-33.5) MAROON; MOD. CRACKLE TO CARB IN FRACTURES										25.0-33.5 70%
33.5	36.3	ALTERED VOLCANICS GREY TO BUFF; MOD. INCREASING TO i-QTZ-CARB ALT'N + SERIC + WEAK MAFI TO THE i-ALT'N (33.5-35.3 m) MOD ALT'N; 1% CUBIC PY; MOD. CARB IN FRACTURES AND IRREGULAR STRS; CORE BROKEN; WEAK CLAY, ESP. IN FRACTURES (35.3-36.3) INTENSE ALT'N; BUFF COLOURED; 5% PY IN IRREGULAR STRS, PATCHES AND DISSEMINATED; INCREASING SIL FLOODING, PATCHES TO 36.3	61203 204 205	1% 1% 5%	33.5 34.5 35.3	34.5 35.3 36.3	0.9 0.9 1.0			0.034 0.005 0.025	0.07 0.05 0.20	33.5-35.3 30% 35.3-36.3 70%
36.3	37.0	QUARTZ VEIN (0.7M) MOTTLED WHITE AND GREY QTZ WITH 15% PY, 1% GAL, MINOR CPY; Sx IN PATCHES AND IRREGULAR BANDS; PY MED. TO COARSE GRAIN; UPPER CONTACT IRREGULAR @ LOW L TO C.A.; LOWER CONTACT IS A SLIP @ 40° TO C.A.	206	15%	36.3	37.0	0.7			0.738	2.35	36.3-37.0 60%

DIAMOND DRILL RECORD

NAME OF PROPERTY Dome

HOLE NO. D92-1 SHEET NO. 4 of 5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au oz/ton	ASSAYS Ag oz/ton	RQD
37.0	43.3	ALTERED VOLCANICS INTENSE QTZ-CARB ALT^{N}; BUFF; WEAK TO MOD. MAFI THRU-OUT; CARB COMMON IN FRACTURES AND PATCHES; 1 TO 2 % PY, DISSEM AND IN PARLL STRS; VARIABLY FOLIATED (MOD. OVERALL) @ VARIOUS L'S, MOST COMMONLY ± 50° TO C.A.										
		(37.0 - 37.3) 10 % QTZ-PY STRS UP TO 1cm WIDE	61207	2 %	37.0	38.0	1.0			0.039	0.44	37.0-48.3
		(40.2 - 42.1) WEAKLY TO MODERATELY BRECCIATED, NO CLAST MOVEMENT; CARB IN FRACTURES; 80% RECOVERY	208	1%	38.0	39.0	1.0			0.018	0.08	70%
			209	1%	39.0	40.0	1.0			0.001	0.03	
		(42.1 - 42.55) QSTR ZONE (0.45m) 30 % UP TO 4cm QSTRS W PY, MINOR GAL @ 45 TO 70° TO C.A.	210	1%	40.0	41.1	1.1			0.029	0.14	
			211	1%	41.1	42.1	1.0			0.003	0.06	
			212	5%	42.1	42.55	0.45			0.188	1.59	
		(42.55 - 43.3) INTENSE QTZ-CARB-SERI; INTENSE FOL= @ ± 55° TO C.A	213	2%	42.55	43.3	0.75			0.007	0.10	
43.3	80.8	AMYGDALOIDAL MAROON WITH PATCHES OF GREEN DUE TO PERVASIVE EPIDOTE; DISTINCTIVE FLOW UNIT; VARIABLE CALCITE FILLED AMYG. TO 1cm, COMMONLY 2 TO 4mm; ABNT RED & GREEN PHENOS TO 4MM; ABNT CALCITE IN AMY, PATCHES AND FRACTURES; CORE GENERALLY IN 10 TO 30cm PIECES.; HARD, FAIRLY COMPETENT ROCK; MINOR BROKEN AREAS. (43.3 - 43.4) WEAK QTZ-CARB CHL; GREEN										43.3-80.8 90%

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DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-1 SHEET NO. 5 of 5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
43.3	80.8	AMYGDALOIDAL (CONT.) (47.9-48.7) MOD QTZ-CARB, WEAK MAFI; AROUND A 4CM QSTR @ 60° TO C.A.; MOD, LOCALLY INTENSE FOL^{n} PARALLEL STR; 5%PY IN STR; 1 TO 2% IN W.R. (79.8-80.8) BROKEN CORE; FAULT, FOL^{n} @ 45° TO C.A @ END OF INTERVAL; MINOR CARB ALT^{n} @ FAULT BUT NO SIGNIFICANT ALT^{n}; ONLY +/- 30 cm OF MOD. FOL^{n}	61214	2%	47.9	48.7	0.8			0.004	0.02	
80.8	91.4	VOLCANIC DARK GREY-GREEN; FINE GRAIN, MASSIVE; 10% UP TO 1mm FELD PHENOS; 5% L 1mm AMYGDAL GREEN MAFICS; FLOW OR POSSIBLY A XTL-TUFF, SIMILAR ROCK HAS BEEN NOTED IN FW OF BOULDER BEFORE; HARD COMPETENT CORE; MINOR CARB IN FRACTURES AND IRREGULAR STRS; MINOR CARB + QTZ +PY STRS (85.6-86.3) 0.5cm QTZ-CARB-PY STR N PARALLEL C.A.; WEAK GREEN ALT^{n} OF WR,										80.8-91.4 95%
	91.4	E.O.H.										

LANGRIDGES -- TORONTO -- 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME
HOLE NO. D92-2 LENGTH 82.3M (270')
LOCATION BOULDER - EAST
LATITUDE 68722.281 DEPARTURE 53494.350
ELEVATION 1337.157 AZIMUTH 360 DIP -45
STARTED JAN 21/92 FINISHED JAN 21/92

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH

HOLE NO. D92-2 SHEET NO. 1 of 4
REMARKS

LOGGED BY HANS SMIT

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
0	9.1	CASING										
9.1	12.2	LAPILLI TUFF (UPPER UNITS?) MAROON; ABNT UP TO 3cm, MOSTLY < 1cm FRAGS; SOME FRAGS LOOK LIKE AMYG, SO COULD BE IN UPPER UNIT; ALIGNMENT, STRETCHING @ 60 TO 75° TO C.A.; 60% RECOVERY; 100% THEREAFTER UNLESS NOTED.										9.1 - 12.2 70%
12.2	12.9	ALT~ / STR ZONE MOD QTZ-CARB-MARI ALT~ AROUND A 10cm QSTK @ 12.6m; STR @ 45° TO C.A; WHITE QTZ TO GREY QTZ + PY IN FRACTURES; +/-3% PY IN FRACT; MINOR PY IN W.R.; W.R. FOL~ PARALLEL TO STR; 3cm OF VERY DARK (GRAPHITIC?) ROCK IN HW; 2cm OF GOUGE ALONG FW.	61215	1%	12.2	12.9	0.7			0.009	0.04	12.2 - 12.9 60%
12.9	20.3	LAPILLI TUFF MAROON; ABNT FRAGS AS ABOVE, BUT FRAG SIZE SMALLER, ESP IN BOTTOM HALF OF UNIT WHERE IT BECOMES ALMOST A TUFF BRXX (SOME CLASTS TO 10cm); SOME AMYD. FLOW LOOKING CLASTS AS ABOVE; NO GREYISH, MORE FELSIC CLASTS SO COULD BE UPPER VOLC/SED UNIT OR LAP TUFF ABOVE THE AMY FLOW.; SOME PATCHY GREEN ALT~										12.9 - 20.3 80%

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-2 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 Au OZ/TON	ASSAYS Ag OZ/TON	RQD
20.3	21.1	ALTERED VOLCANICS INTENSE QTZ-CARB ALT'D TUFF; LAPILLI BARELY VISIBLE; BUFF COLORED; WEAK INCREASING TO MOD. FOL ≈ @ 45 TO 60° TO C.A.; TRACE INCREASING TO 4% DISSEM. PY	G1216	2%	20.3	21.1	0.8			0.004	0.05	20.3-21.1 80%
21.1	21.8	STRINGER/ALT'N/FAULT ZONE MIXED DARK GREY-ALT'N VOLC; WHITE QTZ AND GOUGE. VOLC IS ↓ - QTZ-CARB - G (?) ALT'N. COMPRISES 50% OF INTERVAL; GOUGE 20%; 30% QTZ IN UP TO 8CM STKS & ABUT BLKY (CEMENTED) BY LATER QTZ AND IN IRREGULAR STKS IN VOLC; 3% PY IN QTZ AND VOLC; CONTACTS OF ZONE APPEAR TO BE @ ± 40°; VERY BROKEN CORE; 90% RECOVERY.	217	3%	21.1	21.8	0.7			0.057	0.09	21.1-21.8 0%
21.8	22.6	ALTERED VOLCANICS -INTENSE DECREASING TO MOD QTZ-CARB ALT'D TUFF; 1ST 20CM IS DARK GREY, LAPILLI NOT VERY VISIBLE (GRAPHITE?); AFTER CORE IS LIGHT GREY/BUFF, LAPILLI VISIBLE; 2%, DECREASING TO TRACE DISSEM PY	218	1%	21.8	22.6	0.8			0.003	0.04	21.8-22.6 80%
22.6	70.0	LAPILLI TUFF -MAROON; ABUNDANT FRAGS; MOSTLY <1CM BUT UP TO 4CM; FRAGS MOSTLY FINE GRAIN MAROON TO GREY-MAROON VOLC, SOME LOOK LIKE THE ANY FLOW UNIT; THIS UNIT LOOKS LIKE PREVIOUS LAP. TUFFS IN UPPER PART OF HOLE; MINOR CARB. STKS; CLAST ELONGATION/ALIGNMENT @ 40 TO 55° TO C.A.; MINOR PATCHY GREEN ALT'N; COMPETENT, WEAKLY BROKEN CORE										22.6-55.5 80 TO 90%

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-2 SHEET NO. 3 of 4

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	
22.6	70.0	LAPILLI TUFF (CONT.) (22.6-25.2) GREEN; WEAK QTZ-CARB-CHL ALTN; VERY MINOR PATCHY DARK GREY BY FRACTURES (GRAPHITE ?) 35.5M; 3cm FAULT GOUGE @ 30° TO C.A.; SOME DEFINITE FLOW FRAGS. ABOVE; MOD. IRREGULAR CARB STRS FOR 1.0M BELOW. (40.6-41.2) BARREN WHITE QTZ-CARB STRS @ LOW; HIGH ∠'S TO C.A.; HIGH ∠ ONES APPEAR TO BE TENSION-TYPE; WEAK CARB-CHL ALTN; FEW FRAGS >1CM SINCE 35.5M; SOME IS MORE XTL-TUFF ± LITHIC FRAGS (43.2-44.9) BARREN QTZ-CARB STRS, WEAK ALTN AS BEFORE. (44.9-47.8) ABUNDANT IRREGULAR CARB STRS AND PATCHES; MINOR GREY ± CARB MATRIX; 4cm OF GOUGE @ 47.2M @ +/- 50° TO C.A.										
		(55.5-57.9) PATCHY WEAK TO MODERATE QTZ-CARB +/- CHL +/- MARI ALTN; MOD CARB ± QTZ STRS UP TO 4CM WIDE @ LOW; HIGH ∠'S TO C.A.; CARB ABNT IN FRACTURES (WITH MINOR [illegible] QTZ); 20CM OF [illegible] QTZ-CARB-SERIC-MARI ALTN AROUND 57.0M; OVERALL QUITE BROKEN CORE; TRACE TO MINOR DISSEM PY	61219	<1%	56.9	57.8	0.9			0.001	0.03	55.5-57.9 30%
		(57.9-65.5) A FEW DEFINITE AMY FRAGS UP TO 10 CM										57.9-70.0 80%
		(65.5-70.0) RED-MAROON; 10 TO 30% CLASTS IN MOSTLY										

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-2 SHEET NO. 4.64

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	ASSAYS RQA
70.0	82.3	AMYGDALOIDAL FLOW DISTINCT MAROON FLOWS; VARIABLE CALCITE AMYGD; ABNT RED (+/- GREEN) PHENOS; WEAK PERVASIVE EPIDOTE IS COMMON, GIVING A GREEN TINGE TO CORE; 30 cm OF FLOW BRKY AT TOP OF INTERVAL (70.0-72.8) FLOW; COMPETENT CORE (72.8-73.1) WEAKLY BEDDED ASH TUFF (73.1-76.8) INCREASINGLY BRECCIATED CORE; WEAK EPID; WEAK IRREGULAR CALCITE VEINS/STRS (76.8-78.0) INTENSE CLAY; CORE MOSTLY MUSH; NO BLEACHING (78.0-82.3) GOOD COMPETENT FLOWS; PERVASIVE W-EPID.											70.0-73.1 90% 73.1-76.8 50% 76.8-78.0 0% 78.0-82.3 95%
	82.3	E.O.H.										

LANGRIDGES — TORONTO — 366-1166

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME
HOLE NO. D92-3 LENGTH 91.4 (300')
LOCATION BOULDER - EAST
LATITUDE 6 8693.236 DEPARTURE S 3425.111
ELEVATION 1337.786 AZIMUTH 360 DIP -60
STARTED JAN 21/92 FINISHED JAN 22/92

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH

HOLE NO. D92-3 SHEET NO. 1 of 5
REMARKS

LOGGED BY HANS SMIT

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
0	9.1	CASING										
9.1	26.7	LAPILLI TUFF MAROON; ABNT FRAGS, <1CM TO 4CM. FRAGS RED TO MAROON-GREY, FINE GRAIN VOLC; SOME POSSIBLE AMY. FLOW CLASTS. XTL MATRIX; 60% RECOVERY TO 12.1M, THEN 100%; WEAKLY TO MODERATELY BROKEN CORE; MINOR CARB ON FRACT & IN IRREGULAR STRS/ PATCHES (26.2 - 26.7) WEAK GRADING TO MOD QTZ-CARB ALT° XTLS IN PALE GREY-GREEN CORE	61220	Tr	26.2	26.7	0.5			0.003	0.03	9.1-17.0 60% 17.0-26.7 80%
26.7	26.9	QSTR (0.2M) 10 CM TRUE WIDTH @ +/- 20° TO C.A.; WHITE QTZ WITH A BAND OF ABNT PY DOWN CENTER; BROKEN CORE; CLAY SLIP ON BOTH SIDES	221	4%	26.7	26.9	0.2			0.216	0.52	26.7-26.9 0%
26.9	30.5	ALTERED VOLCANIC MEDIUM GREY-GREEN; LAPILLI STILL VISIBLE; MINOR CARB STRS; MOD CARB-SIL TO 29.1M; THEN ↓ QTZ-CARB ALT°, ABNT CARB ± QTZ STRS (BARREN); HIGHLY IRREGULAR FOL° SHOWING MICRO-FOLDING LAST 40CM; TR INCREASING TO 2% DISSEM PY; VERY BROKEN CORE	222	Tr	26.9	28.0	1.1			0.005	0.03	26.9-29.1 90%
			223	Tr	28.0	29.1	1.1			0.004	0.04	
			224	1%	29.1	29.8	0.7	T		0.001	0.01	29.1-30.5
			225	2%	29.8	30.5	0.7	1		0.003	0.02	0%;

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME

HOLE NO.: D92-3 SHEET NO.: 2 of 5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	ASSAYS RQD
30.5	31.6	QUARTZ VEIN (1.1M) WHITE QTZ WITH 30 % Sx; PY, CPY, SPH, GAL; Sx IN IRREGULAR PATCHES AND IN FRACTURES THRU-OUT; PY FINE TO MEDIUM GRAIN OTHER Sx FINE GRAIN; LAST 1/3 OF VEIN HAS ABUNDANT SERICITE AND CLAY. VERY BROKEN CORE; ONLY 80 % RECOVERY IN RUN; MOST SEEMS TO BE LOST IN THE VEIN PART. UPPER CONTACT APPEARS TO HAVE BEEN @ +/- 70° TO C.A.	61226	30%	30.5	31.0	0.5			1.721	24.21	30.5-31.6 0%
			61227	30%	31.0	31.6	0.6			3.815	11.75	
31.6	34.2	ALT≈ /STR ZONE INTENSE QTZ-CARB-SERIC ALT≈ VOLC WITH 20 % IRREGULAR QTZ STKS CONTAINING PY-SPH-±GAL±CPY; MINOR MAFI; IRREGULAR FOL. MOST COMMONLY @ LOW ∠ (≈ 15 TO 20°) TO C.A.; 2:0 LOCALLY 8 % PY DISSEM HIGHLY BRKN VOLC; MOD. BROKEN CORE; 32.5m = SOME LOST	228	2%	31.6	32.5	0.9			0.029	0.10	31.6-34.2
			229	2%	32.5	33.4	0.9			0.033	0.05	
			230	6%	33.4	34.2	0.8			0.040	0.42	70%
34.2	35.3	QUARTZ VEIN (1.1M) WHITE QTZ W ABNT Sx (30 %); PY > SPH > CPY > GAL; Sx FINE GRAIN, SOME MEDIUM GRAIN PY; MINOR W.R. FRAGS, ESP. IN FW PART; Sx IN IRREGULAR PATCHES @ IN BANDS @ IRREGULAR MOD TO LOW ∠'S TO C.A.; MOD. BROKEN TO VERY BROKEN CORE; 95 % RECOVERY APPEARS TO BE UPPER CONTACT; 95 % RECOVERY APPEARS TO BE ~50° TO C.A.; LOWER CONTACT IS BROKEN	231	30%	34.2	34.8	0.6			0.494	3.21	34.2-35.3
			232	30%	34.8	35.3	0.5			0.500	5.03	50%

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-3 SHEET NO. 3 of 5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
35.3	36.6	ALTERED VOLCANIC GREY-GREEN; INTENSE QTZ-CARB-SERIC; INTENSE CHL (MOD) FOL≅, IRREGULAR BUT MOST COMMONLY @ +/-20° TO C.A.; SOME QTZ FLOODING IN 1ST 30 cm; MICRO-FOLDS IN FOL≅; MINOR CARB STKS; MOD BROKEN CORE; <1% PY; ABRUPT DROP IN ALT≅ @ 36.6m	61233	<1%	35.3	35.9	0.6			0.060	1.05	35.3-36.6
			234	<1%	35.9	36.6	0.7			0.003	0.01	50%
36.6	48.8	AMYGDALOIDAL FLOW MAROON; VARIABLE CALCITE FILLED AMY. ICE AND PALE TO DARK GREEN PHENOS TO 2mm COMMON THRU-OUT; Cc COMMON IN AMY, PATCHES AND FRACTURES; FAIRLY COMPETENT CORE (36.6-37.6) INTENSE GRADING TO WEAK FOL≅; IRREGULAR BUT @ HIGH C's TO C.A.; MINOR MICRO-FOLDING IN UPPER PART → SEEMS TO BE ABRUPT CHANGE FROM LOW ∠ FOL≅ AS ABOVE TO HIGH ANGLE @ 36.6m (CHANGE IS @ A BROKEN ZONE OF CLAY/SERIC. RICH CORE [illegible] WIDE - MINOR PATCHY ALT≅ (48.0-48.8) VERY BROKEN, SOMEWHAT PITTED CORE										36.6-48.0 90%
												48.0-48.8 0%
48.8	50.2	ALTERED AMY. MOD QTZ-CARB-SERI, W-MAR; BUFF TO LIGHT GREY-GREEN; ORIGINAL TEXTURE STILL VISIBLE; PERVASIVE CARB IN MATRIX; TRACE GRADING TO 1% PY	235	1%	49.2	50.2	1.0			0.002	0.07	48.8-50.2 80%

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-3 SHEET NO. 4 of 5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
50.2	51.1	QUARTZ VEIN (0.9M) WHITE QTZ WITH 5% Sx (PY > SPH > GAL > CPY). ABNT W.R. FRAGS IN UPPER 30CM; Sx IN SMALL PODS, DISSEMINATED AND IN NARROW BANDS SUBPARALLEL CONTACT; UPPER CONTACT @ 35° TO C.A.; LOWER CONTACT BROKEN BUT APPEARS TO HAVE BEEN @ +/- 45° TO C.A.; CORE QUITE BROKEN, 90% RECOVERY	61236	5%	50.2	51.1	0.9			0.097	0.61	50.2-51.1 20%
51.1	53.0	ALTERED AMY. BUFF TO GREY-GREEN; MOD. CARB +/- QTZ +/- SERIC +/- CHL ALTN; MICRO CALC PATCHES; ORIGINAL TEXTURE STILL VISIBLE; 10cm INTENSE ALTN AT FIRST @ 2% PY, THEN TRACE PY; MINOR QTZ-Sx STRS	237	<1%	51.1	52.1	1.0			0.002	0.03	51.1-53.6
			238	<1%	52.1	53.0	0.9			0.014	0.04	70%
53.0	64.3	AMYGDALOIDAL FLOWS GREY/MAROON; DEFINITELY AMYG. TO 55.8; THEN IN PLACES LOOKS LIKE AMY BUT NO AMY (STILL HAS RED AND GREEN PHENOS; DEFINITE FLOW ROCK), AND IN OTHER PLACES IT IS A MOTTLED NON-DESCRIPT FINE GRAIN VOLCANIC; CLAY COMMON IN FRACTURES; CORE BROKEN IN PLACES; IRREGULAR CARB PATCHES (WEAK) TO 2.0M; MOD. CLAY 58.2-58.8M										53.0-64.3 70%
64.3	91.4	VOLCANIC GREY/MAROON, FINE GRAINED; IN PLACES CAN SEE CLASTS BUT GENERALLY INDISTINCT; CARB IN FRACT, MINOR STRS; MINOR CLAY IN FRACTURES (64.3-65.6) BROKEN CORE; MOD CLAY (66.9-67.2) BLEACHED, MOD CLAY @ 2-2cm CLAY GOUGES										64.3-65.6 0% 65.6-91.4 90%

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-3 SHEET NO. 5 of 5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON
64.3	91.4	VOLCANICS (CONT.)									
		(76.1-78.0) FAULT ZONE. CORE IS INTENSE CLAY ALT^{n}; 50% RECOVERY									
		(78.0-78.4) WHITE CARB-QTZ STR @ 20° TO C.A.; OFFSHOOT ~ PARALLEL C.A.; ± 10cm STR TO VE WIDTH; NO ALT^{n} OF W.R.; BARREN	61239	—	78.0	78.4	0.4			0.001	0.03
		(83.0-90.0) CORE MED GREEN-GREY, STILL A FINE GRAIN VOLC; 1MM FELD PHENOS AND TINY GREEN SPECKS (MAFICS) SOMETIMES VISIBLE; SOMETIMES CAN SEE LITHIC CLASTS.									
		(90.0-91.4) GREY/MAROON AGAIN; COLOR CHANGE BY A < 0.5CM CLAY SLIP @ 35° TO C.A.									
	91.4	E.O.H.									

LANGFIDGES — TORONTO — 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME
HOLE NO. D92-4 LENGTH 67.1 (220')
LOCATION BOULDER - EAST
LATITUDE 68721.839 DEPARTURE 53443.817
ELEVATION 1340.418 AZIMUTH 360 DIP -45
STARTED JAN 22/92 FINISHED JAN 23/92

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH

HOLE NO. D92-4 SHEET NO. 1 of 2
REMARKS

LOGGED BY HANS SMIT

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS Au %	ASSAYS Ag %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
0	9.1	CASING										
9.1	11.2	ALTERED VOLCANIC GREY; MOD DECREASING TO WEAK QTZ-CARB ALT^{N}; MINOR GREEN MAT'L + SERIC. IN 1ST HALF OF INTERVAL; 1CM QTZ-TR SPH, PY @ 10.1M @ 20° TO C.A.; ONLY 75% RECOVERY IN INTERVAL, THOUGH CORE NOT VERY BROKEN → PROBABLY MOSTLY LOST @ BEGIN OF CORE	61240 241	1% <1%	9.1 10.1	10.1 11.2	1.0 1.1			0.015 0.001	0.04 0.01	9.1-11.2 70%
11.2	28.8	LAPILLI TUFF MAROON TO RED; ABNT MOSTLY <1CM FRAGS IN A XTL MATRIX. MATRIX IS CALCAREOUS IN PLACES. MINOR Cc STRS / FRACTURE COATINGS; SOME AMY-FLOW LOOKING CLASTS; IN PLACES FINE GRAIN LAYERS SHOW ROUGH BEDDING @ ±30 TO 40° TO C.A.; SMALL TENSION-GASHES FILLED W Cc COMMON PERPENDICULAR TO BEDDING @ CONTACTS (24.4 - 28.8) MOSTLY FINE GRAIN; CLASTS EITHER FEW OR INDISTINCT. (SAME AS IN D92-2)										11.2-28.8 80% 90%
28.8	67.1	AMYGDALOIDAL FLOWS TYPICAL MAROON FLOWS WITH VARIABLE CC FILLED AMYG; RED; GREEN PHENOS; CC IN PATCHES AND STRS (WEAK TO LOCALLY MOD.); PATCHES / INTERVALS OF MOD PERVASIVE EPIDOTE COMMON										28.8-33.5 80%

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-4 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	ASSAYS OZ/TON	RaD
28.8	67.1	AMYGDALOIDAL (CONT.)										
		(28.8 - 29.6) FROM TOP BRKE										33.5-
		(33.5 - 39.6) MOSTLY BEDDED FTL TUFF; BEDDING @ 10 TO 20° TO C.A.; ABT CALCITE IN FRACT AND IRREGULAR STRS; CLAY IN FRACT (WEAK OVERALL); MOD. BROKEN CORE										39.6
												40 %
		(41.8-42.0) MOD. CLAY; BROKEN CORE										39.6-
												67.1
		(44.5 - 52.7) MOD. PERVASIVE EPID RESULTS IN GREEN COLOR TO 60 % OF CORE.										80 TO
												90 %
		(52.7 - 67.1) GOOD COMPETENT CORE; EPID PATCHES COMMON; FROM TOP @ 64.3m @ 45° TO C.A.										
	67.1	E.O.H.										

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME
HOLE NO. D92-6 LENGTH 45.7 (150')
LOCATION BOULDER EAST
LATITUDE 68704.068 DEPARTURE 53441.753
ELEVATION 1338.502 AZIMUTH 360 DIP -45
STARTED JAN 23/92 FINISHED JAN 23/92

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH

HOLE NO. D92-6 SHEET NO. 1 of 2
REMARKS

LOGGED BY HANS SMIT

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS Au %	ASSAYS Ag %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
0	7.6	CASING.										
7.6	17.9	LAPILLI TUFF MAROON, ABUNDANT CLASTS, MOSTLY <1CM BUT COMMONLY 2 TO 4CM; UPPER PART IS MORE GREY-BROWN AND RESEMBLES VOLC/SED UNIT BUT PROBABLY JUST WEATHERING; SOME AMG-FLOW CLASTS; VERY BROKEN CORE TO 15 M, MOD BROKEN TO 17.9m; 70% RECOVERY TO 11.3 M, THEN 90% TO 15M.										7.6-15.0 0% 15.0-17.9 60%
17.9	21.8	ALTERED VOLCANIC VARIABLE WEAK TO INTENSE (MOD OVERALL) QTZ-CARB ALT'N; BUFF TO GREY TO MAROON; WEAK QTZ-CARB STRS & MINOR PY UP TO 1CM @ VARIOUS <'S TO C.A.; <1% DISSEM PY; OCCASIONAL WEAK TO MOD FOL'N @ 45 TO 60° TO C.A.; MOD. BROKEN CORE (21.5-21.8) 3% DISSEM PY	17509	<1%	17.9	18.9	1.0			0.001	0.03	17.9-21.8
			510	<1%	18.9	19.9	1.0			0.004	0.01	
			511	<1%	19.9	20.9	1.0			0.001	0.03	60%
			512	1%	20.9	21.8	0.9			0.001	0.01	

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-6 SHEET NO. 2 of 2

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS Au %	ASSAYS Ag %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
21.8	22.2	STRINGER / SHEAR ZONE. 20cm OF INTENSELY SHEARED VOLCANIC, FOL = IRREGULAR @ HIGH C's TO C.A.; OVERLAIN BY .8cm OF WHITE QTZ WITH 25% Sx (PY > SPH > GAL > CPY) @ +/- 70° TO C.A., THEN 10 CM OF INTENSE QTZ-CARB-SER. ALT'D VOLC W 15% QTZ-CARB-Sx AS IRREGULAR STRS AND PATCHES	17513	10%	21.8	22.2	0.4			0.157	0.83	21.8 - 22.2 60%
22.2	45.7	AMYGDALOIDAL FLOWS MAROON TO LOCALLY GREENISH DUE TO WEAK PERVASIVE QTZ-CARB; ABUNDANT Cc TO 30M, MOD. THEREAFTER. GREEN AND RED PHENOS THRU-OUT. VARIABLE AMYG.; GOOD COMPETENT CORE WITH ZONES OF MOD. FRACTURING (22.2 - 23.9) GREEN; WEAK QTZ-CARB-CHL (29.4 - 29.9) GREEN; WEAK CARB-CHL ALT'N AROUND A 2cm BARREN QTZ STR @ 70° TO C.A. (42.7 - 43.4) BEDDED XTL TUFF; BEDDING @ +/- 45° TO C.A.	514	Tr	22.2	22.7	0.5			0.002	0.03	22.2 - 45.7 90%
	45.7	E.O.H.										

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME
HOLE NO. D92-7 LENGTH 106.7 (350')
LOCATION BOULDER EAST
LATITUDE 68689.061 DEPARTURE 53584.262
ELEVATION 1316.586 AZIMUTH 360 DIP -45
STARTED JAN 23/92 FINISHED JAN 24/92

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH

HOLE NO. D92-7 SHEET NO. 1 of 5
REMARKS

LOGGED BY HANS SMIT

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
0	6.1	OVERBURDEN										
6.1	24.4	ANDESITIC LAPILLI TUFF MED. GREEN-GREY, MINOR MAROON-GREY; LAPILLI TUFF WITH ABUNDANT FRAGS; .1CM TO 5CM, OCCASSIONALLY LARGER; CLASTS AND MATRIX HAVE ABUT 1-2MM FELD. PHENOS ⇒ THIS IS UPPER VOLC/SED UNIT; FRAGS ANGULAR TO ROUNDED; MED TO DARK GREY W FELD PHENOS (HEAVILY) FINER GRAINED GREEN WITH FEW PHENOS; CARB IN FRACTURES AND MINOR IRREGULAR STKS AND PATCHES; MOSTLY @ MOD C's TO C.A.; MOD TO WEAKLY FRACTURED CORE; 60% RECOVERY TO 12.1M, THEN 100% RECOVERY										6.1-12.1 50% 12.1-24.4 80 to 90%
24.4	25.9	VOLCANIC SEDIMENTS SEDIMENTARY BEDS UP TO 15CM THICK; SOME WITH TUFF CLASTS; SOME FINE GRAIN VOLC. SEDIMENTS; BEDDING @ +/- 45° TO C.A.; GREEN TO MAROON-GREY TO 25.0; THEN MOSTLY BLEACHED. (25.0 - 25.9) BLEACHED; WEAK INCREASING TO INTENSE (FOR LAST 40CM) QTZ CARB-SERIC ALT'N; WEAK MAG LAST 40CM; LAST 30CM HAS MOD FOL @ 60° TO C.A.; MOD IRREGULAR CARB STKS; +/- 3CM OF CLAY GOUGE @ END OF INTERVAL → CONTACT W LOWER UNIT (SAMPLES TO FIRST 10 CM OF LOWER UNIT	17515	<1%	25.5	26.0	0.5			0.004	0.32	24.4-25.9 60%

LANGRIDGES – TORONTO – 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-7 SHEET NO. 2 of 5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
25.9	35.7	LAPILLI TUFF MAROON WITH PATCHY GREEN TO BLEACHED ZONES; (V. WEAK CARB ± SER +/- CHL ALTN IN PATCHES); ABUNDANT <1 cm CLASTS; MINOR UP TO 4 cm CLASTS; CLASTS MOSTLY OF FINE GRAIN MAROON VOLS; SOME FELD PHENOS; SOME CLASTS OF ANDY. FLOW MTL. FOL = ; CLAST ALIGNMENT @ ± 45° TO C.A. COMMON; SOME CONTACTS VISIBLE @ SOME <. (34.2 - 35.7) ONLY 10 TO 20 % CLASTS IN FINE GRAIN MAROON MATRIX											25.9- 35.7 70%
35.7	38.1	ALTERED VOLCANIC TUFF BUFF COLOURED; MOD, INTENSE TO INTENSE BY 36.1 m ALT^{n}; SIL - CARB - SERIC +/- WEAK MAR; 1 TO 4 % DISSEM. PY; CLASTS STILL VISIBLE; OCCASSIONAL FOL = @ 45 TO 55° TO C.A.; (36.1 - 36.7) IRREGULAR QTZ STKWK 5 % PY @ LOW <'S TO C.A.; LARGEST APPEARS TO BE +/- 3 cm THICK AT THE WIDEST.	17516 517 518	2% 3% 2%	35.7 36.5 37.3	36.5 37.3 38.1	0.8 0.8 0.8			0.008 0.028 0.018	0.17 0.07 0.06	35.7- 38.1 80%
38.1	38.8	QUARTZ VEIN (0.7 m) WHITE QTZ WITH ABUNDANT GREY - SERIC +/- GRAPH? IN FRACTURES; MINOR CARBONATE; VERY BROKEN CORE; ONLY 75 % RECOVERY; SOME PIECES OF INTENSE CLAY - SERIC. VOLCANICS; 3 TO 5 % DISS. PY & PY IN FRACTURES TILL 38.6 m; THEN GOT 20 cm OF MORE COMPETENT QTZ W 10 % PY IN LARGE PATCHES; STILL SOME SERIC - GRAPH? IN FRACTURES; SOME MOTTLED GREY QTZ IN FRACTURES. CONTACTS BROKEN BUT UPPER APPEARS TO HAVE BEEN @ LOW <' TO C.A.; LOWER @ +/- 30° TO C.A.	519	5%	38.1	38.8	0.7			1.215	1.88	38.1- 38.8 40%

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME

HOLE NO. D92-7 SHEET NO. 3 of 5

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
38.8	76.0	LAPILLI TUFF MAROON; ABUNDANT < 1CM; RARELY TO 4CM CLASTS. MOSTLY MATRIX SUPPORTED. AMOUNT OF AMY-LOOKING CLASTS INCREASES DOWNHOLE; MOSTLY FINE GRAIN VOLC, MAROON TO LESSOR GREY-GREEN FRAGS; SOMETIMES SHOWS ALIGNMENT @ 45 to 60° TO C.A; MINOR IRREGULAR CARB STRS/ PATCHES THRU-OUT; WEAKLY TO MODERATELY BROKEN CORE (38.8 - 39.2) INTENSE QTZ-CARB ALT'D; 2% DISS PY; BUFF	17550	1%	38.8	39.5	0.7			0.005	0.03	388-456 70%
		(39.2 - 40.0) WEAK ALT'N; GREY-GREEN										
		(42.8 - 43.0) INTENSE CLAY; BROKEN CORE										
		(43.0 - 43.6) WEAK CLAY; MOTTLED BLEACHING.										
		(45.0 - 48.8) MOD GREEN-GREY; HIGHLY BROKEN CORE; 60% RECOVERY. CLAY ON FRACTURES; GROUND CORE @ 46.6; MINOR CARB FLOODING.										45.0-48.8 0%
		(62.8 - 63.1) MOD. CLAY; VERY BROKEN CORE										488-67.8 70 TO 80%
		(68.7 - 76.0) INCREASE IN AMY-FLOW CLASTS, SAME LARGER THAN 10CM. MATRIX BECOMING MORE BRICK-RED OVERALL; SOME WEAK BLEACHING 74.5-76.0										62.8-63.1 0% 63.1-76.0 80 to 90%

LANGFRIDGES — TORONTO — 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-7 SHEET NO. 4 of 5

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	RQD
76.0	88.8	AMYGDALOIDAL FLOWS MAROON WITH SOME AREAS WITH PATCHY GREEN DUE TO WEAK PERVASIVE EPIDOTE; VARIABLE CC AMYG; RED AND BLACK PHENO'S THRU-OUT; CC COMMON IN PATCHES AND FRACTURES; GOOD COMPETENT CORE; FLOW-TOP BRX COMMON TO 77.5m, STRATIGRAPHIC CONTACT W VAPOR TUFF (87.3 - 87.5) BEDDED XTL TUFF; BEDDING @ 40° TO 50° TO C.A. (88.6-88.8) CLAY IN FRACTURES; NO BLEACHING										76.0-88.8 90%
88.8	89.6	FAULT ZONE INTENSE CLAY; CORE MUSH; STILL MAROON; 40% RECOVERY; NO PY, NO BLEACHING										88.8-89.6 0%
89.6	93.0	LAPILLI TUFF MAROON TO MAROON-GREY; ABUNDANT MOSTLY < 1cm FRAGS; ABUNDANT <2mm FELD PHENOS IN MATRIX AND FRAGS (MUCH MORE THAN SEEN IN LAPILLI TUFFS HIGHER IN HOLE); NO DEFINITE AMY. CLASTS (89.6 - 90.5) BROKEN CORE, MINOR CLAY ON FRACTURES (91.7 - 93.0) WEAK CLAY; CORE SOMEWHAT BROKEN; LOWER CONTACT OF UNIT IS NOT DISTINCT										89.6-90.5 2% 90.5-91.7 90% 91.7-93.0 50%

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-7 SHEET NO. 5 of 5

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	RQD
93.0	106.7	VOLCANIC DARK GREY, FINE GRAINED, 1-1mm FELD PHENOS COMMON, BUT NOT AS ABUNDANT OR AS PROMINENT AS ABOVE UNIT. MOSTLY LOOKS LIKE A LAPILLI TUFF TO TUFF BRX BUT CLASTS GENERALLY INDISTINCT. SOME POSSIBLE FLOW ROCK WITH 1.0-5mm BLACK MAFICS; MINOR UP TO 1cm CHLO STKS @ VARIOUS L'S TO C.A.) NO VISIBLE ALT NOTE: THIS UNIT SEEN @ END OF OTHER HOLES. HARD COMPETENT TO WEAKLY FRACTURED CORE. 100.7m) 6cm WHITE QSTR @ HIGH L TO C.A.'s BARREN, NO VISIBLE ALT										93.0-106.7 90%
	106.7	E.O.H.										

LANGRIDGES — TORONTO — 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME
HOLE NO.: D92-13 LENGTH: 61.0m (200')
LOCATION: BOUNDARY - EAST
LATITUDE: 68707.880 DEPARTURE: 53586.538
ELEVATION: 1316.354 AZIMUTH: 360 DIP: -45
STARTED: FEB 1/92 FINISHED: FEB 2/92

METRES	DIP	AZIMUTH	METRES	DIP	AZIMUTH

HOLE NO. D92-13 SHEET NO. 1 of 3
REMARKS:

LOGGED BY: HANS SMIT

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS Au %	ASSAYS Ag %	ASSAYS Au OZ/TON	ASSAYS Ag OZ/TON	RQD
0	6.1	CASING.										
6.1	14.5	LAPILLI TUFF (ANDESITIC?) GREEN TO GREY WITH SOME PATCHY MAROON-GREY, MAROON; GREEN FRAGMENTS; FRAGS MOSTLY LICM; PATCHY BLEACHING DUE TO CARB ALT= COMMON THRU-OUT; CARB, MINOR CLAY ON FRACTURES; MINOR PATCHY BAIRDN QTZ-CARB +/- CHL STKS/FRACTS; OVERALL CORE LOOKS VERY PATCHY/MOTTLED; 80% RECOVERY TO 9.1m, THEN 100% (12.7-13.7) MOD FERROSIC CARB, WEAK CLAY; CORE BLEACHED.										6.1-14.5 70%
14.5	18.0	VOLCANIC SEDS GREEN TO BUFF. BEDDING @ 45° TO 55° TO C.A.; FINE GRAIN SEDS TO LAPILLI TUFF/CONGL IN 1 TO 30cm BEDS; PATCHY BLEACHING, ESP AROUND FRACTURES DUE TO CARB +/- CLAY ALT= (WEAK OVERALL); MINOR <0.5cm CARB +/- QTZ +/- PY STKS @ LOW ∠'S TO C.A.										14.5-18.0 70%
18.0	22.8	ALTERED LAPILLI TUFF MOTTLED/PATCHY BLEACHED BUFF AND LESSER MAROON; LAPILLI TUFF WITH MOSTLY LICM CLASTS; MOD FOL= @ +/- 60° TO C.A.; MOD CARB ALT'D; CLAY COMMON ON FRACTURES; BROKEN CORE COMMON; MINOR <0.5cm QTZ-CARB STKS @ ± 20° TO C.A.	105	Tr	21.3	22.8	1.5			0.004	0.06	18.0-22.8 60%

DIAMOND DRILL RECORD

NAME OF PROPERTY DOME

HOLE NO. D92-13 SHEET NO. 2 OF 3

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	SAMPLE % SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS Au %	ASSAYS Ag %	ASSAYS Au OZ/TON	ASSAYS Ag OZ TON	RQD
22.8	37.2	LAPILLI TUFF PATCHY MAROON TO GREEN TO 31.0m, THEN MAROON; VARIABLE AMOUNTS OF 1 TO RARELY 4cm CLASTS IN A FINE GRAIN MATRIX; MINOR CARB'S & S' ON FRACTURES; (29.1-30.9) PATCHY BLEACHING; MOD. CARB-SER. MINOR MAG; CLAY ON FRACT & SOMETIMES PERVASIVE (WEAK); 1cm QSTR @ 30° TO C.A. @ TOP OF INTERVAL (30.9-37.2) MAROON WITH MINOR BLEACHED PATCHES; CLAY COMMON ON FRACTURES AND IN 1.0 TO 10.0 ZONES OF MOD TO INTENSE CLAY (MOSTLY MAROON); BROKEN CORE; 90% RECOVERY	106	TR	29.1	30.9	1.8			0.002	0.02	22.8-30.9 60% 30.9-37.2 40%
37.2	38.6	ALTERED VOLCANIC INTENSE QTZ-CARB +/- SER; BUFF TO GREY COLOURED; MINOR CLAY ON FRACTURES; WEAK FOL ≈ @ 45 TO 60° TO C.A.; MINOR DISSEM PY; 1cm QSTR @ [illegible] C.A. BY 38.2m; 10cm OF GREY (GRAPHITIC?) ALT ≈ IN H.W.; LAST 5cm DARK GREY (G?)	107	<1%	37.2	37.9	0.7			0.003	0.02	37.2-38.6
			108	<1%	37.9	38.6	0.7			0.005	0.06	70%
38.6	39.0	QTZ STR ZONE (0.4m) TWO <10cm (TRUE WIDTH) STRS AND ALT'D W.R. BETWEEN; GRAPHITE IN FRACTURES, MINOR STYLOLITES AND ALONG CONTACTS; 3% PY IN STRS; 2% IN W.R.; STRS @ 30 TO 40° TO C.A.;	109	3%	38.6	39.0	0.4			0.074	0.21	38.6-39.0 60%

LANGRIDGES — TORONTO — 366-1168

DIAMOND DRILL RECORD

NAME OF PROPERTY: DOME

HOLE NO.: D92-13 SHEET NO.: 3 of 3

METRES FROM	METRES TO	DESCRIPTION	SAMPLE NO.	% SULPHIDES	SAMPLE METRES FROM	SAMPLE METRES TO	SAMPLE METRES TOTAL	ASSAYS %	ASSAYS %	ASSAYS Au OZ. TON	ASSAYS Ag OZ. TON	RQD
39.0	39.6	ALTERED VOLCANIC INTENSE DE[illegible] [illegible] SIL+SER; 1% DECREASING TO TRACE DISS. PY; BLOCKY CORE	110	<1%	39.0	39.6	0.6			0.005	0.04	39.0-39.6 50%
39.6	61.0	LAPILLI TUFF GREEN WITH PATCHY MAROON TO 55.8m, THEN MAROON; ABUNDANT <1 TO 5cm CLASTS THRU-OUT; CLASTS OF FINE GRAIN VOLC; MINOR POSSIBLY AMYG. CLASTS; Cc COMMON IN FRACTURES; VERY MINOR [illegible] STRS; MINOR ZONES OF DARK GREY (CHL?) IN FRACTURES; UNKNOWN IF THIS IS LOWER LAP. TUFF OR PART OF UPPER UNIT TILL 55.8; THEN PROBABLY LOWER; NO DISTINCT CONTACT (57.1-58.5) BROKEN CORE; CLAY ON FRACTURES (59.5-61.0) MATRIX BRICK RED/MAROON; FEW CLASTS; LOOKS LIKE TUFF JUST ABOVE AMYG. FLOWS.										39.6-57.1 70 to 80% 57.1-58.5 10% 58.5-61.0 60%
	61.0	E.O.H.										

LANGRIDGES – TORONTO – 366-1168

APPENDIX B

ANALYTICAL RESULTS
for
DRILLING on the COPE 1 CLAIM
DOME MOUNTAIN PROJECT

JANUARY - FEBRUARY 1992

MIN
•EN
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

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) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

2S-0005-RA1

Company: TIMMINS NICKEL
Project: DOME MTN.
Attn: G.GIBSON

Date: JAN-27-92
Copy 1. TIMMINS NICKEL, SMITHERS, B.C.

He hereby certify the following Assay of 5 ~~MUCK~~ CORE samples submitted JAN-23-92 by H.SMIT.

Sample Number	*AU-FIRE g/tonne	*AU-FIRE oz/ton	AG g/tonne	AG oz/ton
61201	.60	.018	3.9	.11
61202	.76	.022	5.1	.15
61203	1.18	.034	2.5	.07
61204	.17	.005	1.8	.05
61205	.85	.025	7.0	.20

D92-1

*AU - 1 ASSAY TON.

Certified by _____

MIN-EN LABORATORIES

COMP: TIMMINS NICKEL
PROJ: DOME MTN.
ATTN: G.GIBSON

MIN-EN LABS — ICP REPORT

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

FILE NO: 2S-0005-RJ1
DATE: 92/01/27
• CORE • (ACT:F31)

92-1

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	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
61205	5.6	7700	4263	1	25	1.0	2	17580	208.8	16	490	46610	2940	1	7670	3103	1	160	24	680	375	38	44	1	24	12.4	11933	2	1	11	64

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

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NORTH VANCOUVER, B.C. CANADA V7M 1T2
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FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

2S-0006-RA1

Company: TIMMINS NICKEL
Project: DOME MTN.
Attn: G.GIBSON

Date: JAN-27-92
Copy 1. TIMMINS NICKEL, SMITHERS, B.C.

We hereby certify the following Assay of 22 CORE samples submitted JAN-24-92 by HANS SMIT.

Sample Number	*AU-FIRE g/tonne	*AU-FIRE oz/ton	AG g/tonne	AG oz/ton
61206	25.31	.738	80.7	2.35
61207	1.33	.039	15.0	.44
61208	.63	.018	2.7	.08
61209	.04	.001	1.0	.03
61210	.98	.029	4.7	.14
61211	.10	.003	1.9	.06
61212	6.46	.188	54.6	1.59
61213	.25	.007	3.4	.10
61214	.15	.004	0.8	.02
61215	.31	.009	1.2	.04
61216	.13	.004	1.6	.05
61217	1.97	.057	3.0	.09
61218	.09	.003	1.2	.04
61219	.05	.001	0.9	.03
61220	.11	.003	0.9	.03
61221	7.42	.216	17.7	.52
61222	.16	.005	1.1	.03
61223	.12	.004	1.2	.04
61224	.01	.001	0.1	.01
61225	.10	.003	0.6	.02
61226	59.00	1.721	830.0	24.21
61227	130.80	3.815	403.0	11.75

*AU - 1 ASSAY TON.

Certified by _____

MIN-EN LABORATORIES

COMP: TIMMINS NICKEL
PROJ: DOME MTN.
ATTN: G.GIBSON

MIN-EN LABS — ICP REPORT

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

FILE NO: 2S-0006-RJ1
DATE: 92/01/27
* CORE * (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	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
92-1 62106	74.7	1910	3214	11	20	1.8	60	11410	141.2	26	1281	80810	750	1	3130	725	6	80	1	120	2889	363	24	1	26	7.6	8172	1	2	13	196
62115	1.6	19380	55	1	46	1.2	1	46840	4.0	20	139	41360	1650	1	31720	2842	1	150	40	460	51	3	81	1	43	47.5	696	1	1	4	82
92-2 62117	2.6	6290	10482	2	38	.9	2	13840	.1	13	134	34920	1940	1	5550	1998	2	270	3	450	174	20	26	1	14	14.7	2979	1	1	7	118
62121	19.6	4080	590	1	38	.5	15	23270	83.9	9	250	37320	1320	1	10780	2854	3	150	3	120	436	42	36	1	17	16.5	3791	1	1	14	300
92-3 62126	197.4	1030	10891	1	4	2.0	165	7650	906.1	23	14308	151600	230	1	4610	1227	6	20	1	10	14670	3748	21	1	4	7.7	42248	1	1	34	127
62127	183.8	3540	2531	1	4	1.7	409	16380	109.9	37	5417	139260	1570	1	7920	2376	1	80	1	250	2907	895	29	1	14	14.6	6507	1	1	8	97

MINERAL
• ENVIRONMENTAL
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

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3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

2S-0007-RA1

Company: TIMMINS NICKEL
Project: DOME MTN.
Attn: G.GIBSON

Date: JAN-27-92
Copy 1. TIMMINS NICKEL, SMITHERS, B.C.

He hereby certify the following Assay of 14 CORE samples submitted JAN-24-92 by HANS SMIT.

Sample Number	*AU-FIRE g/tonne	*AU-FIRE oz/ton	AG g/tonne	AG oz/ton
61228	1.01	.029	3.4	.10
61229	1.12	.033	1.8	.05
61230	1.36	.040	14.5	.42
61231	16.92	.494	110.0	3.21
61232	17.14	.500	172.4	5.03
61233	2.07	.060	35.9	1.05
61234	.09	.003	0.4	.01
61235	.06	.002	2.5	.07
61236	3.32	.097	20.8	.61
61237	.07	.002	1.0	.03
61238	.48	.014	1.5	.04
61239	.02	.001	0.9	.03
61240	.53	.015	1.4	.04
61241	.03	.001	0.5	.01

92-3

92-4

*AU - 1 ASSAY TON.

Certified by _____

MIN-EN LABORATORIES

COMP: TIMMINS NICKEL
PROJ: DOME MTN.
ATTN: G.GIBSON

MIN-EN LABS — ICP REPORT

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

FILE NO: 2S-0007-RJ1
DATE: 92/01/28
* CORE * (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	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
92-3 61231	100.3	2170	15724	20	6	1.7	83	6000	3764.7	24	8884	79200	310	1	2910	690	26	40	7	340	2677	200	37	1	9	9.8	221000	1	4	313	115
61232	170.6	1290	10853	1	8	1.3	45	18750	1079.9	14	3614	67750	90	1	11350	2309	12	60	1	150	6255	536	85	1	9	12.2	67900	1	2	49	152
61236	25.4	4850	229	1	21	.7	19	20060	986.9	15	2808	36820	880	1	10820	3166	14	60	52	300	2293	90	39	1	17	20.9	54800	1	1	1	182
92-4 61240	2.3	11380	89	1	47	1.0	3	31940	262.1	18	430	36430	2790	1	19730	3257	3	260	51	680	50	5	68	1	46	34.0	13915	1	1	14	75

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

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) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

2S-0008-RA1

Company: TIMMINS NICKEL
Project: DOME MTN.
Attn: G.GIBSON

Date: JAN-31-91
Copy 1. TIMMINS NICKEL, SMITHERS, B.C.

We hereby certify the following Assay of 23 CORE samples submitted JAN-26-92 by HANS SMIT.

Sample Number	*AU-FIRE g/tonne	*AU-FIRE oz/ton	AG g/tonne	AG oz/ton
61242	.02	.001	0.3	.01
61243	1.23	.036	6.5	.19
61244	4.20	.123	40.2	1.17
61245	.28	.008	2.1	.06
61246	.05	.001	1.2	.04
61247	.03	.001	0.8	.02
61248	44.90	1.310	154.0	4.49
61249	3.03	.088	23.5	.69
61250	174.49	5.089	216.2	6.31
17501	1.55	.045	33.0	.96
17502	.46	.013	1.7	.05
17503	.21	.006	2.0	.06
17504	23.30	.680	106.2	3.10
17505	1.88	.055	11.0	.32
17506	.07	.002	2.4	.07
17507	.99	.029	4.2	.12
17508	.28	.008	3.7	.11
17509	.01	.001	1.1	.03
17510	.13	.004	0.1	.01
17511	.02	.001	1.1	.03
17512	.01	.001	0.5	.01
17513	5.39	.157	31.9	.93
17514	.06	.002	0.9	.03

D 22-6

*AU - 1 ASSAY TON.

Certified by _____

MIN-EN LABORATORIES

COMP: TIMMINS NICKEL
PROJ: DOME MTN.
ATTN: G.GIBSON

MIN-EN LABS — ICP REPORT

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

FILE NO: 2S-0008-RJ1
DATE: 91/01/31
* CORE * (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	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
61248	144.9	3110	684	36	29	2.3	85	15410	1246.1	23	6387	61610	1220	13	5940	3310	12	120	22	480	1178	340	28	4	43	12.2	54900	1	5	1	127
61250	203.9	1000	10022	36	12	2.3	81	4700	1964.9	24	12412	105320	220	5	1480	531	18	40	1	310	23038	244	12	1	12	5.6	96800	1	5	86	107
17501	39.0	3650	423	9	35	1.1	7	38810	103.6	9	721	29370	1590	2	15540	3052	4	90	10	300	1476	99	53	1	16	13.3	4062	3	1	9	142
17504	102.1	2930	877	20	43	1.8	92	19300	1237.6	28	6646	86230	1050	1	8650	1876	15	60	45	370	2874	465	44	1	9	16.8	72400	1	2	3	136
17513	32.5	7290	298	8	74	1.4	25	28340	216.8	24	4721	70220	1360	6	16430	3340	3	180	43	480	767	118	57	1	10	33.9	10251	1	1	11	83

MIN-EN LABORATORIES
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VANCOUVER OFFICE:
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FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

2S-0009-RA1

Company: TIMMINS NICKEL
Project: DOME MTN.
Attn: G.GIBSON

Date: JAN-31-92
Copy 1. TIMMINS NICKEL, SMITHERS, B.C.

We hereby certify the following Assay of 24 CORE samples submitted JAN-28-92 by HANS SMIT.

Sample Number	*AU-FIRE g/tonne	*AU-FIRE oz/ton	AG g/tonne	AG oz/ton
17515	.14	.004	11.0	.32
17516	.27	.008	5.7	.17
17517	.96	.028	2.5	.07
17518	.61	.018	2.0	.06
17519	41.65	1.215	64.5	1.88
17520	.16	.005	1.0	.03
17521	.09	.003	0.6	.02
17522	.60	.018	1.3	.04
17523	.18	.005	1.1	.03
17524	.12	.004	2.0	.06
17525	.46	.013	9.7	.28
17526	8.45	.246	65.1	1.90
17527	.10	.003	1.2	.04
17528	.85	.025	3.5	.10
17529	.06	.002	0.8	.02
17530	.06	.002	1.2	.04
17531	40.55	1.183	257.6	7.51
17532	4.09	.119	67.0	1.95
17533	.13	.004	1.8	.05
17534	2.04	.060	4.9	.14
17535	.38	.011	2.7	.08
17536	9.20	.268	72.0	2.10
17537	.17	.005	2.0	.06
17538	.45	.013	1.3	.04
17539	2.67	.078	2.8	.08

*AU - 1 ASSAY TON.

Certified by _____

MIN-EN LABORATORIES

COMP: TIMMINS NICKEL
PROJ: DOME MTN.
ATTN: G.GIBSON

MIN-EN LABS — ICP REPORT

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

FILE NO: 2S-0009-RJ1
DATE: 92/02/03
• CORE * (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	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
17519	55.7	1110	4587	1	19	.3	59	19080	412.9	15	1173	59490	540	1	7060	1808	8	30	3	180	1094	43	77	1	7	7.4	22627	1	1	11	134
17531	221.0	1270	488	1	13	.1	369	22120	533.3	27	16956	119820	610	1	10360	1660	9	10	44	180	2864	919	39	1	5	17.0	26167	1	1	14	108
17532	58.0	680	285	1	9	.2	38	22510	507.7	12	4021	42450	370	1	10770	1631	10	10	32	150	786	440	46	1	4	10.7	25202	1	1	10	77
17536	67.3	1710	225	1	20	.1	132	13920	20.8	13	1740	36880	880	1	5350	1469	8	20	20	230	1205	273	18	1	5	7.8	754	1	1	6	120

MIN-EN LABORATORIES
(DIVISION OF ASSAYERS CORP.)

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SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

2S-0019-RA1

Company: TIMMINS NICKEL
Project: DOME MTN.
Attn: G.GIBSON

Date: FEB-14-92
Copy 1. TIMMINS NICKEL, SMITHERS, B.C.

He hereby certify the following Assay of 23 CORE samples submitted FEB-12-92 by HANS SMIT.

Sample Number	*AU-FIRE g/tonne	*AU-FIRE oz/ton	AG g/tonne	AG oz/ton
101	30.95	.903	262.0	7.64
102	1.46	.043	19.7	.57
103	.47	.014	7.0	.20
104	1.19	.035	39.5	1.15
105	.12	.004	2.2	.06
106	.07	.002	0.8	.02
107	.11	.003	0.8	.02
108	.16	.005	2.0	.06
109	2.54	.074	7.2	.21
110	.18	.005	1.2	.04
41038	5.28	.154	43.7	1.27
41039	3.64	.106	33.7	.98
41040	37.00	1.079	170.5	4.97
41041	.39	.011	2.1	.06
41042	.12	.004	1.1	.03
41043	.06	.002	0.7	.02
41044	.44	.013	2.8	.08
41045	.07	.002	0.7	.02
41046	.45	.013	4.2	.12
41047	.04	.001	0.6	.02
41048	.04	.001	0.7	.02
41049	.02	.001	0.6	.02
41050	.12	.004	0.3	.01

92-13

Certified by _____

MIN-EN LABORATORIES

COMP: TIMMINS NICKEL
PROJ: DOME MTN.
ATTN: G.GIBSON

MIN-EN LABS — ICP REPORT

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

FILE NO: 2S-0019-RJ1
DATE: 92/02/18
* CORE * (ACT:F31)

092-13

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	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM
101	263.2	3850	898	5	20	.3	126	21890	1063.4	23	11320	66850	880	2	9360	2458	15	20	38	330	8298	1886	51	1	9	22.4	46042	1	3	40	150
109	6.9	2900	2125	1	24	.1	8	10770	96.6	10	354	46920	1260	1	4440	5623	2	70	5	370	189	23	19	1	6	7.4	5716	1	1	9	104
41038	43.4	1140	169	1	15	.3	64	10080	9.9	10	2350	41300	460	1	3750	1048	8	10	2	100	558	157	15	1	5	5.2	473	1	1	6	139
41039	39.2	2390	310	1	31	.2	27	17040	60.3	13	2394	47770	1260	1	7300	756	3	50	13	150	420	335	27	1	10	14.7	2632	1	1	10	174
41040	175.0	1660	609	1	24	.4	829	7990	19.5	26	5107	114960	820	1	2300	425	4	40	1	70	4205	822	11	1	6	7.3	907	1	1	8	194