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MineQuest Report #269
Ref. No.: RVP93RP

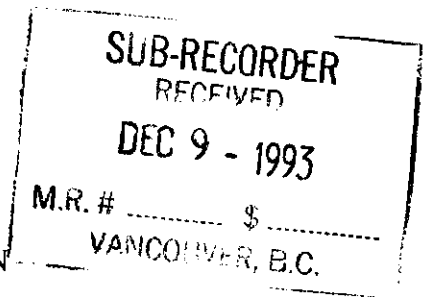
VMT & NEIGHBOURING CLAIMS
GEOLOGICAL MAPPING - 1993

Golden Mining Division

N.T.S. 82K/15W

Latitude 50°52 N
Longitude 116°57 E

UTM Zone 11: 502500E; 5641500N



by
R.V. Longe P.Eng.
of
MineQuest Exploration Associates Ltd.

<u>Claim Name</u>	<u>Units</u>	<u>Record No.</u>	<u>Record Date</u>
VMT 2	20	213576	Sep. 15, 1989
VMT 3	02	213577	Sep. 15, 1989
VMT 5	01	213770	Sep. 12, 1990
VMT 6	01	213769	Sep. 15, 1990
VMT 7	01	213768	Sep. 15, 1990
VMT 8	12	213766	Sep. 15, 1990
VMT 9	01	213771	Sep. 14, 1990
VMT 10	01	213772	Sep. 14, 1990
VMT 11	01	213773	Sep. 14, 1990
VMT 12	01	213767	Sep. 15, 1990
VMT "FR"	01	213774	Sep. 15, 1990

GEOLOGICAL BRANCH
ASSESSMENT REPORT

Vancouver, B.C.

September 1992

23,156

LOG NO:	DEC 23 1993	RD.
ACTION:		
FILE NO:		

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1.0 INTRODUCTION

1.1 Location

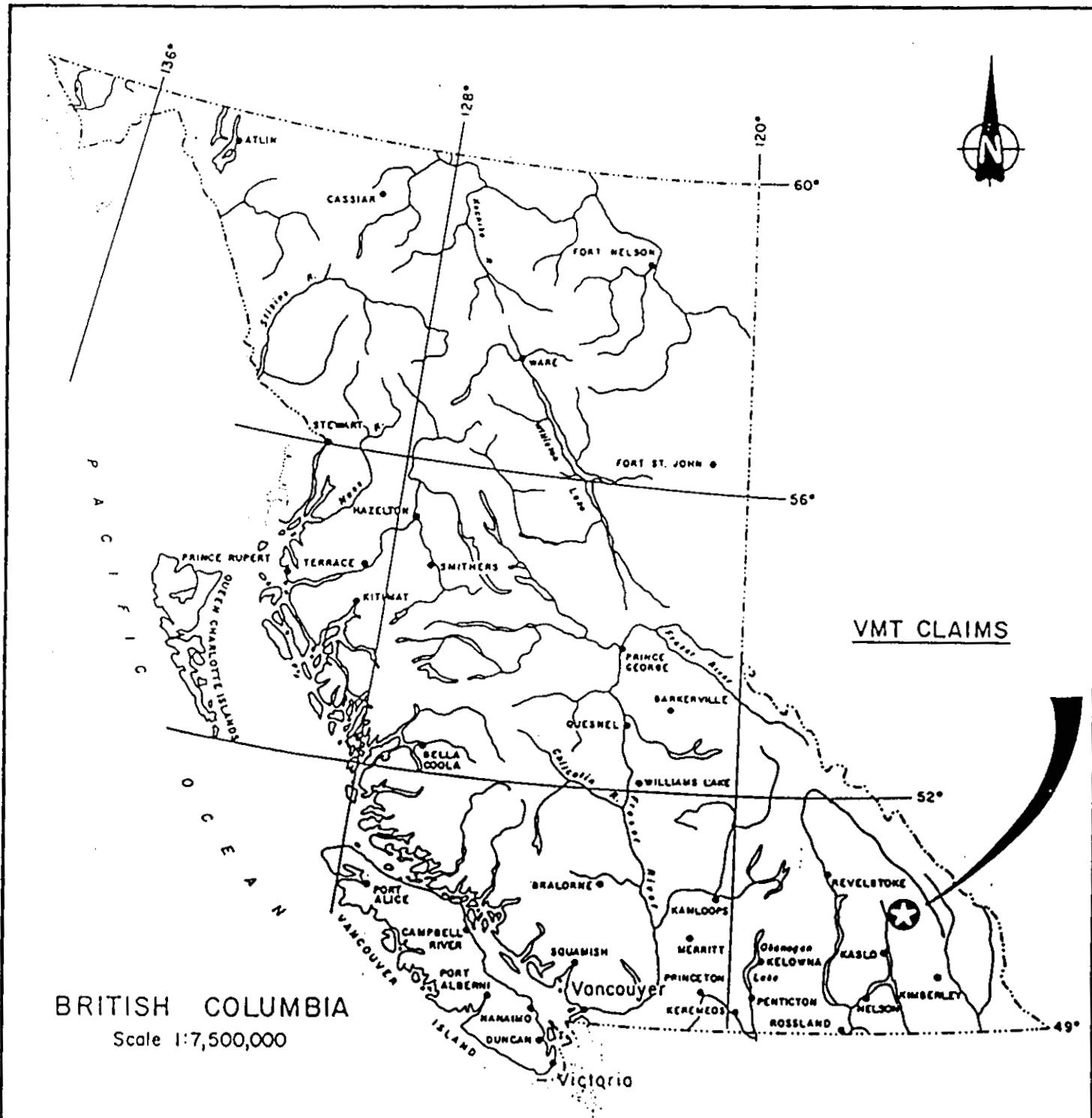
The VMT and neighbouring VAD claims are located on the southeast flank of Azurite Mountain, approximately 45 kilometres south of Golden, British Columbia.

1.2 Access

Access to the claims is by road from the village of Parson on Highway 99, via the Spillimacheen and Vowell Creek logging roads ("South Fork"). A major logging road, recently built by Crestbrook Forest Industries, joins the Vowell creek road some 0.7 km north of Crystal Creek and provides excellent access to the south part of the VMT claims. A network of former and current logging roads covers most of the VAD claims.

1.3 Topography & Vegetation

Topography on the claims is moderately steep with elevations ranging from 5200 to 8550 feet a.s.l. (1600 to 2600 m). Vegetation varies from alpine on the upper elevations to coniferous forest near Crystal Creek. Avalanche chutes are covered with slide alder. A large proportion of the VAD claims is covered with light scrub and regenerating forest, following clear-cut logging a few years ago



BRITISH COLUMBIA

Scale 1:7,500,000

SPILLIMACHEEN JOINT VENTURE

CLAIM LOCATION

Originator	Drawn C.D.	Plan No.	FIG. 1
Revised	Date April '91	N.T.S.	
MINEQUEST EXPLORATION ASSOCIATES LTD.			

2.0 HISTORY AND PREVIOUS WORK

2.1 VMT Claims

The first recorded exploration, - a direct result of activity on the neighbouring Ruth Vermont property -, was by R. Renn in 1966. It appears (from incomplete records) that seven or eight holes were drilled between 1966 and 1974.

Between 1974 and 1977 Medesto Exploration of Calgary carried out soil geochemistry, geological mapping, trenching and drilling in search of lead, zinc and silver in both quartz veins and sediments. In 1977 Medesto obtained two significant intersections, one in a drill hole (DDH 77-3), the other in a trench in a part of the claims now referred to as the "LCP Zone" (located in Figure 3).

In 1979 Norcen Energy Resources carried out a substantial exploration program covering a belt some 25 km long stretching from Vermont Creek in the northwest to Warren Creek in the southeast. Part of that program consisted of geochemistry, geological mapping, trenching and drilling over ground now covered by the VMT and VAD claims.

In 1981 Blue Sky Oil & Gas drilled four holes, one of which, DDH 81-3 intersected sulphides in the LCP zone.

The assessment credits applied by Norcen and Blue Sky were sufficient to put the VMT claims in good standing from 1981 until 1989 and 1990. No exploration is reported for that period.

2.2 VAD Claims

The history of the VAD claims (a collective name for the VAD and other claims with the same ownership) has been only partially investigated by the writer.

Most of the VAD claims were covered by Norcen's geochemical and geological mapping programs in 1979 and 1980.

Since then, the current owners have excavated a number of trenches and collected geochemical samples from selected sites.

TABLE I
PREVIOUS WORK ON VMT CLAIMS

Date	Company or Person	Activity	Assessment Report #
1966 - 1974	R. Renn	7-8 holes Bio-geochemistry	No report obtained but referred to in AR 6744
1974	Medesto Exploration	Geochemistry (approx 840 samples) Geological mapping	AR 6257
1975	Medesto Exploration	Drilling (? 3 holes) Significant intersection reported	" "
1976	Medesto Exploration	Road building & trenching (2 showings exposed)	AR 6757
1977	Medesto Exploration	Drilling (? 2 or 3 holes) (DDH 77-3: 15 ft. of significant grade Pb-Zn) Trenching: 24 ft of same) Soil geochemistry	AR 6744
1978	N o W o r k		
1979	Norcen Energy Resources	Geochemistry, Geological Mapping Diamond Drilling	AR 8154
1980	N o W o r k		
1981	Blue Sky Oil & Gas	Diamond Drilling (4 holes)	AR 9671
1982 - 1989	N o W o r k		
1989	MineQuest	Staking	
1990	MineQuest	Preliminary geological mapping over limited area. Staking	Filed for assessment
1991	MineQuest	Geological mapping	" "
1992	MineQuest	Geological mapping	" "
1993	MineQuest	(This report)	

TABLE II
PREVIOUS WORK ON VAD CLAIMS

Date	Company or Person	Activity	Assessment Report #
1979 & 1980	Norcen	Geological mapping Geochemical sampling	AR 8154 & others
1990 to 1993	J. Adamson & partners	Trenching Geochemical sampling	Filed for Assessment

3.0

CLAIMS**VMT CLAIMS**

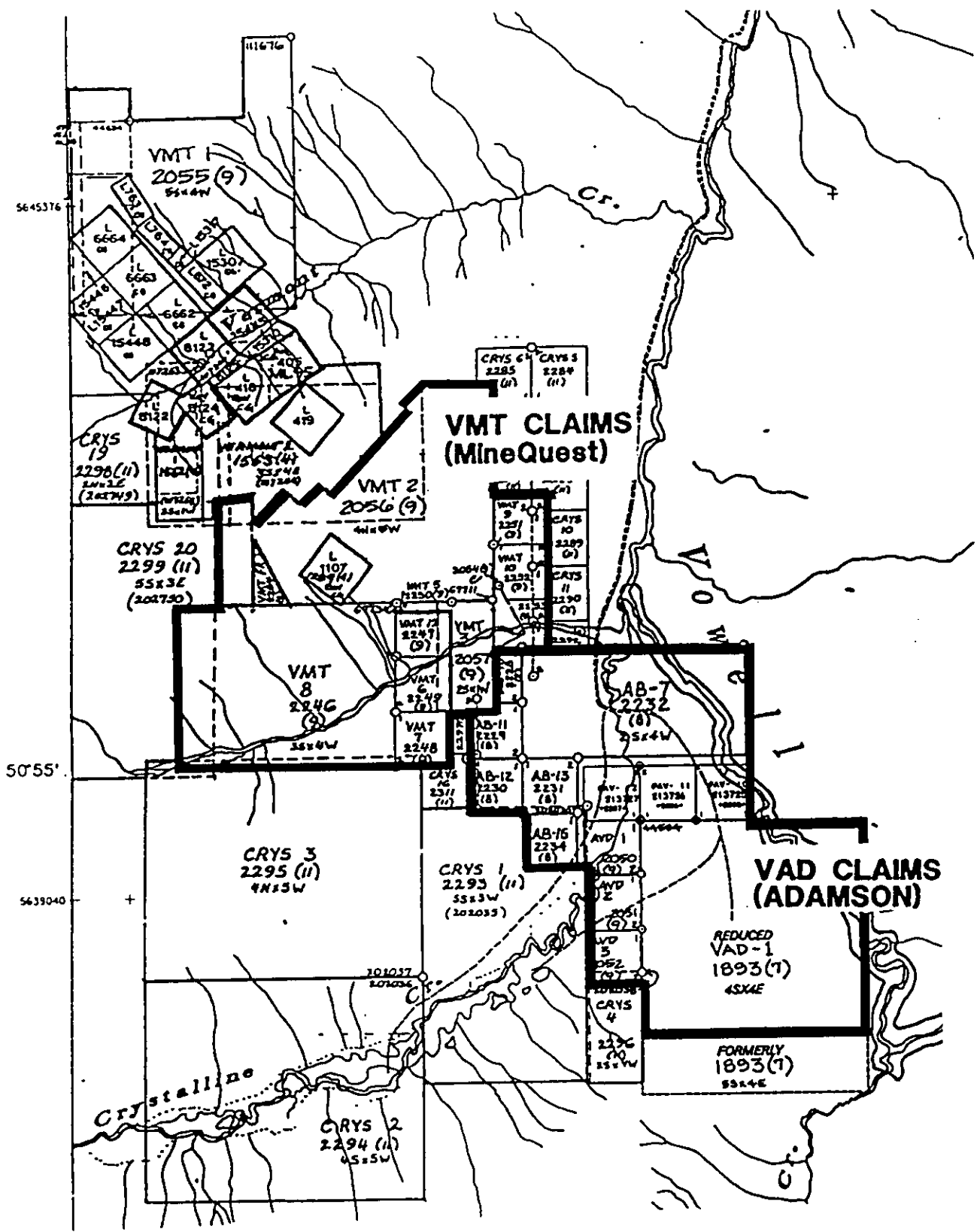
The registered owner of the VMT claims, listed below and shown in Figure 2, is MineQuest Exploration Associates Ltd. of Vancouver, British Columbia.

<u>Claim Name</u>	<u>Units</u>	<u>Record #</u>	<u>Due Date Before this Report</u>
VMT 2	20	213576	September 15, 1992
VMT 3	02	213577	September 15, 1992
VMT 5	01	213770	September 12, 1992
VMT 6	01	213769	September 15, 1992
VMT 7	01	213768	September 15, 1992
VMT 8	12	213766	September 15, 1992
VMT 9	01	213771	September 14, 1992
VMT 10	01	213772	September 14, 1992
VMT 11	01	213773	September 14, 1992
VMT 12	01	213767	September 15, 1992
VMT "FR"	01	213774	September 15, 1992

VAD & AB CLAIMS

The registered owners of the VAD & AB claims are J.S. Adamson and S. Berrar, both of Calgary, Alberta.

<u>Claim Name</u>	<u>Units</u>	<u>Record #</u>	<u>Due Date Before this Report</u>
VAD-1	16	1893	July 6, 1994
AVD-1	1	2050	September 16, 1994
AVD-2	1	2051	" "
AVD-3	1	2052	" "
DAV-10	1	2205	July 18, 1994
DAV-11	1	2206	" "
DAV-12	1	2207	" "
AB-7	8	2232	August 23, 1994
AB-10	1	2228	August 23, 1995
AB-11	1	2229	August 28, 1994
AB-13	1	2231	August 28, 1994
AB-15	1	2234	August 28, 1994



SPILLMACHEEN JOINT VENTURE			
CLAIM MAP			
Originator:	Drawn: CASCAD DRAFTING	PLAN NO.	FIGURE
Revised:	Date: March 27th, 1993	K.Y.S. 02E/1415	2
MINEQUEST EXPLORATION ASSOCIATES LTD.			

4.0

SUMMARY OF 1993 PROGRAM

The purpose of the 1993 program (in addition to applying sufficient assessment credits to renew the claims) was to determine the probable trace of the sulphide-bearing horizon intersected in previous drilling and its relationship (if any) to an occurrence of bedded manganese on the VAD claims.

The author, assisted by D. Barron, spent three days at the end of August and beginning of September on geological mapping. J.S. Adamson provided assistance by locating mineral showings on the AB and VAD claims. Mapping was on airphoto enlargements at 1:5,000 scale. A further four days were spent in compiling and interpreting structural data and in report preparation.

5.0

GEOLOGY

5.1 Regional Geology

The VMT and VAD claims cover rocks of the Horsethief Creek Group exposed in the core of an anticlinorium in the Northern Purcell Mountains, southwest of Golden, B.C.

The Horsethief Creek Group, a sub-division of the Windemere Supergroup, has been divided into four (Evans, 1933; Young et al, 1973). A "Grit Division" forming the base is overlain by the Slate and Carbonate divisions and, at the top of the sequence, the Upper Clastic Division.

Although exposures on the claims suggest that grit is a subordinate lithology and that shale dominates, the rocks underlying the claims are nevertheless thought to belong to the "Grit Division".

The shale units within the 25 km belt of Horsethief Creek sediments (shales, grits and limestones) extend NNW of the VMT claims to McMurdo Creek are generally no thicker than 75 metres (Dickie and Longe 1982). In contrast, the shales (Units A and M shown in Figure 4) appear to be over 300 metres thick. This feature, together with the comparative paucity of grits and limestone, suggests that the south part of the VMT claims and the north part of the VAD claims represent a deeper water environment than the northern part of the belt.

6.0 RESULTS OF 1993 MAPPING PROGRAM

6.1 Stratigraphic Units

Mapping in 1992 and 1993 has established that the southern VMT claims are underlain by a nearly flat-lying sequence of the following sedimentary units (in order of increasing age):

Unmapped beds (youngest)

These beds, which have yet to be mapped, form the ridge to the southeast of Vermont Creek, north of the area shown in Figure 3.

Unit W Whitebark Grit

This grit unit, well-exposed between elevations of 6000 and 7000 feet in the centre of the VMT 2 claim, is stratigraphically higher, and lies north of the area mapped in 1993. (See northwest corner of Figure 3.)

Unit S Schists

Like the Whitebark Grit with which they are closely associated, the Unit S Schists (not shown on Figure 3) lie to the north of the area mapped in 1993.

Unit M Schists

Unit M consists predominantly of brown-weathering ankeritic and micaceous schists (locally phyllites) interbedded with grey argillite exhibiting turbidite structures (identical to those forming Unit A). Some of the micaceous varieties of these schists have a tuffaceous appearance. The base of this unit appears to be the preferred horizon for sulphide occurrences.

Unit A: Argillite

Unit A consists of grey, light grey or buff-weathering argillite (locally phyllitic) composed entirely of thin (mostly < 2.0 cm) turbidite units. Large (> 0.5 cm) pyrite porphyroblasts are common. Disseminated pyrite is locally abundant.

Unit C Cedar Grit

This unit is exposed at elevations 5000 to 5500 on either side of the VMT - VAD claim boundary, where it appears to be one of the lower units of a domal structure exposed by Crystal Creek. Lithology is the same as that of the Whitebark Grit and other grits in the belt, ie a white quartz grit with sufficient mica in places for a cleavage to be developed. Except for one locality on the north side of Crystal Creek, where there is imbricate layering of pebbles in a quartz pebble conglomerate, sedimentary structures are absent.

Unit K

The most easterly outcrops in Crystal Creek are of an unidentified gneiss, which may be either a metamorphosed base to the Cedar Grit or an older unit not recognised elsewhere on the property.

6.2 Structure

The 1993 mapping program has extended the shallow anticlinorium recognised in 1992 to the south of Crystal Creek. Mapping has also demonstrated that the generally flat-lying ("layer-cake") stratigraphy extends to the south.

Axial plane cleavage is generally 140 degrees with dips within 20 degrees either side of vertical.

The dome-like relationships of the stratigraphic units shown in Figure 3 may actually reflect doming or it may be an effect of the intersection of Crystal Creek valley with the anticlinorium.

At the south end of the mapped area the distribution of the stratigraphic units appears to be principally a result of the intersection of the valley of Crystalline Creek with the flat-lying stratigraphy. (Figure 3)

To the northeast of the LCP zone, displacement appears to be controlled by two lesser faults, as well as the Madesto fault, which appears to be responsible for displacement of Units M and W near Lot 1151. The extension of the Madesto fault to the south of Crystal Creek was not recognised, there being very little outcrop in that vicinity.

6.3 Mineral Occurrences

There is mounting evidence that the base of Unit M is the most prospective for mineral occurrences.

- Much of the gossanous and sulphide-bearing rocks investigated by Norcen appear to lie near the base of Unit M.
- The drill intersections in the LCP zone lie within Unit M. If there is to be any similarity in the thickness of this unit either side of the Madesto fault, the LCP intersections can be expected to lie near the base of the unit.
- The occurrence of bedded manganese on the AB claim lies at the contact between Units M and A.
- A transported gossan with reported values in base metals, manganese and gold lies down-slope from the probable contact between Units M and A. Two samples (DB9-1, DB9-2) were collected. A significant amount of gold (1800 ppb, together with arsenic) was present in one sample. See Figure 3 and Appendix IV.

7.0

CONCLUSIONS

Mapping in 1993 has:

- confirmed the importance of a particular stratigraphic interval, the base of Unit M, near its contact with Unit A.
- outlined some three kilometres where this prospective stratigraphy can be expected to occur (subcrop or outcrop).
- linked the stratigraphy and mineral showings on the VMT and VAD claims
- improved definition of the Madesto fault in the vicinity of the LCP zone.
- established the western boundary of Unit M on the VMT 8 claim.

8.0

RECOMMENDATIONS

It is recommended that the next exploration program incorporate the following:

- 1) Geological mapping and soil geochemistry along the trace of the contact between Units M and A on both the VMT and VAD claims.

- 2) Detailed geological mapping and diamond drilling at LCP zone.

R.V. Longe P.Eng. 29th. Nov. 1993

9.0

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Assessment Report No. 8154

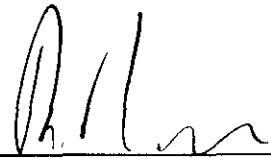
APPENDIX I

Statement of Qualifications

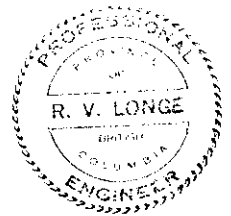
I, R.V. Longe, hereby certify that:

- 1) I am a consulting geologist with a business office at # 715, 475 Howe Street, Vancouver, B.C., V6C 2B3
- 2) I am President of MineQuest Exploration Associates Ltd., a company performing geological consulting and contract exploration services for the mineral exploration industry.
- 3) I am a graduate of Cambridge University, (B.A. Hons., 1961 Natural Science Tripos, Parts 1 & 2, Geology) and of McGill University (M.Sc., 1965).
- 4) I am a Fellow of the Geological Association of Canada, and of the Association of Professional Engineers of British Columbia.
- 5) I have practised my profession as geologist for over 20 years.
- 6) The geological mapping described in this report was carried out by the undersigned, assisted by Dean Barron during August and September 1993.

Signed



R.V. Longe, P.Eng



Dated at Vancouver, B.C. this 29th day of November, 1993

APPENDIX II continued:

COST STATEMENT FOR 1993-1994 CLAIM YEAR

Fees & wages:

R.V. Longe

November		
4 days report writing @ \$450/day		\$ 1,800.00

Disbursements

Drafting	(estimate)	\$ 350.00
Report preparation	(estimate)	\$ 200.00
		<hr/>
		\$ 2,350.00

APPENDIX IV

LABORATORY REPORT



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: MINEQUEST EXPLORATION ASSOCIATES LTD.

715 - 475 HOWE ST.
VANCOUVER, BC
V6C 2B3

A9323430

Comments: ATTN: MIKE VANDE-GUCHTE

CERTIFICATE

A9323430

MINEQUEST EXPLORATION ASSOCIATES LTD.

Project: GEO
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 30-OCT-93.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
201	2	Dry, sieve to -80 mesh
229	2	ICP - AQ Digestion charge

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	2	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
2118	2	Ag ppm: 32 element, soil & rock	ICP-AES	0.2	200
2120	2	As ppm: 32 element, soil & rock	ICP-AES	2	10000
2123	2	Bi ppm: 32 element, soil & rock	ICP-AES	2	10000
2128	2	Cu ppm: 32 element, soil & rock	ICP-AES	1	10000
2131	2	Hg ppm: 32 element, soil & rock	ICP-AES	1	10000
2136	2	Mo ppm: 32 element, soil & rock	ICP-AES	1	10000
2140	2	Pb ppm: 32 element, soil & rock	ICP-AES	2	10000
2141	2	Sb ppm: 32 element, soil & rock	ICP-AES	2	10000
2149	2	Zn ppm: 32 element, soil & rock	ICP-AES	2	10000



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221

To: MINEQUEST EXPLORATION ASSOCIATES LTD.

715 - 475 HOWE ST.
VANCOUVER, BC
V6C 2B3

Project : CEO
Comments: ATTN: MIKE VANDE-GUCHTE

Page Number :1
Total Pages :1
Certificate Date: 30-OCT-93
Invoice No. : I9323430
P.O. Number. :
Account : CU

CERTIFICATE OF ANALYSIS

A9323430

SAMPLE	PREP CODE		Au ppb	Ag	As	Bi	Cu	Hg	Mo	Pb	Sb	Zn
			FA+AA	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DB-9-1	201	229	1800	4.4	6390	8	56	< 1	6	84	16	36
DB-9-2	201	229	30	1.4	300	4	37	< 1	1	26	< 2	82

CERTIFICATION:

Hart Bichler

APPENDIX V

TRANSCRIPT OF FIELD NOTES

TRANSCRIPT OF FIELD NOTES

- RL 1 with Jim Anderson
Unit A
B/160/35/W
F/140/90/V
JA reports 320 ppb Au
- RL 2 opposite long pit at JA's "833 metres"
JA reports 375 ppb Au
looks like transported gossan
- RL 3 JA reports Mn gossan
certainly transported
- RL 4 no outcrop
float has abundant quartz & grit
some sericite occurs with quartz
- RL 5 grit
F/150/80/W
well foliated
much quartz (? sweat)
some sericite
could be Unit M, relationships not clear
2nd visit: F/160/70/W
microturbidite to south
bedding approx horizontal
Unit A? or M?
- RL 6 Jim Anderson's trench on "1100 line"
from 135 m to 225 m
sampled by JA at 2m intervals
run for Pb, Zn, Ag, Au @ Loring Labs,
need to know whether screened or crushed
Elev 5340
Looks like Unit A
dips shallow
trench is surrounded by trees.
bedding undulates about horizontal
@ west end of trench, qtz vein 10 cm w. Po, ?Ap
Qtz vn. follows foliation
F/150/90/V
east of trench for some 250 metres: Unit A
Unit A dips are shallow at trench,
200 m east of trench dips are 60 - 80 W
@ 300 m east of trench o/c grit.
Grit: B/150/50/NE
- RL 7 ? Unit A.
B approx 70 deg to foliation
- RL 8 F/30/20/SE
F to B in float 45 deg
F/150/65/W
Unit A
- DB 9 sketch in n. book showing locn. of 2 samples
DB 9-1 contained 1800 ppb Au.. DB 9-2 , 30 ppb
- RL 9 distinct Unit A, in ditch beside road
F/150/80/W
B appears 20 to 30 deg from foliation
- RL 10 Unit A
Bedding and foliation coincide
F/140/90/V
B/140/90/V
- DB 23 Unit M
grey phyllitic turbidite w. some lst.
no sign of fault along line DB21 to DB23
where is Madesto?
- DB 24 20 m to east of ? fault zone
Unit A
F/140/90/V
B/140/90/V
is this Madesto?
see note book sketch
on west: Unit M, massive,
float suggests B to F approx 20 deg
at centre: fault gouge
on east: Unit A, B/140/90/V
- DB 27 0.6 km from 92 camp site to end of new rd.
elev. 6000 ft.
bearing to peak 200 deg
Unit M is exposed 200 m from end of rd.
b to F 30 deg
B/140/65/W
F/140/90/V
grit to west is White Bark
- DB 28 Unit A at DB 24
could be Unit M, or gradational between
::
- RL 11 contact: Grit (east side)/Unit A
50 m to west of RL11 on N side of rd.:
Unit A: F/130/90/V; B/150/60/W
ie overlies grit
location sketch in note book
150 m west of RL11:
F/140/90/V
B/150/20/W
appears close to syncline axis
200 m west of RL11:
a local, 2 m anticline
F/150/90/V
this is 75 m E of 25 m qtz vn.

- RL 12 25 m qtz vein
? sweat from grit which adjoins it on west
F/130/80/E
bedding: too massive to measure
- RL 13 Unit A
F/170/75/W
B: float suggests v. close to foliation
- RL 14 Unit M? in small o/c
F/135/60/W
B/170/??/?
could be grit
- RL 15 Unit A
F/160/80/W
B to F approx 30 deg
dip direction not apparent
- RL 16 Unit A
F/150/85/E
B/100/200/E
Madesto appears to cross new logging rd
@ 705 metres from 1992 marks
- RL 17 location in note book
contact between grit & Unit M.
assumed to be location of Madesto
Unit M: F/150/80/W
Cedar Grit: F/155/85/E
- DB 1 dark grey, strongly foliated
slightly phyllitic
wrinkled foliation, almost horizontal in places
F/015/10/W
B/015/10/W
bedding approx. parallel to foliation & horizon
Unit M
::
- DB 2 similar lithology to DB1
slightly phyllitic w. some ankerite
- DB 3 similar lithology to above
F/140/70/SW
B/140/10/SW
- DB 4 dark grey,
strongly foliated
pyrite phenocrysts
Unit A or M ?
F/140/70/SW
B/140/70/SW
- DB 5 Similar to DB4
Unit could be A or M
F/145/80/SW
claim post: 611371 Final Post # 2
Claim name: CRY5 11
Nov 9/ 90 (N. side of post)
CRY5 13 (s. side of post)
D. Calder, 611373M
- DB 6 dark grey, maroon weathering
F/140/80/E
B/140/65/E
Phyllites, grey,
bedding interval 1 to 2 cm
possibly Unit M
- DB 7 to west: grit
to east: micaceous argillite
F/130/90 to 70/E
B; variable eg 100/20 E
micaceous argillites appear to overlie grit
some beds of MA within grit
good exposure in creek in north bank
looks like Unit M (unlikely, RVL)
- DB 8 F/140/80/E
UNIT ?
grey brown-weathering schist w. quartz sweats
parallel to foliation (?boudins)
locally has gneissic appearance
not Unit M
no bedding seen
altimetre 4580
- DB 9 B/150/65/W
F/140/90
dark grey micaceous argilite
weathers brown to maroon
very strongly foliated
pyrite phenos.
quartz crystals locally
gossannous in parts
B/140/70/SW
F/150/70/SW

- DB 27 Unit M
argillaceous phyllite
F/140/90/V
B/140/65/direction not recorded
- DB 28 Unit M (location lost)
argillaceous phyllite
F/150/60/SW
B/179/40/W
- ::
- DB 29 Unit M
B/150/40/E
F/150/90/V
- DB 30 Grit Unit C
Claim post: Norcen, '79, Bob 2
- DB 31 F/150/90/V
B/150/70/SW
Unit A
clean, black argillite
25 m to west:
F/150/70/SW
B/150/40/SW
- DB 32 Unit A , argillite
B/140/30/ both E and W
F/140/90/V
- DB 33 grit + boulders
F/140/50/NE
- DB 34 grit
F.140.90/V
- DB 35 grit
B/140/55/SW
F/140/55/SW
gossanous zone 0.5 m wide,
parallel to bedding
- DB 36 Unit A
B/160/40/E
F/140/90/V
- DB 37 Unit A
F/140/90/V
w. qtz veins containing sulphides
float suggests bedding perp. to foliation

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DB 10 same lithology as DB9
strongly foliated
outcrop too poor for measurements

DB 11 same as DB9
gossan
qtz veins av. 1 cm
py veins up to 1 cm
B/140/65/SW
F/150/70/NE

DB 12 light grey, mod. foliated
brown weathering
spotty ankerite
minor silica & pyrite
F/150/60/NE
Unit M?

DB 13 light green on fresh surface
mod. to strongly foliated
some silica & pyrite
F/140/80/SW
outcrop has 1 qtz vn., 2 cm wide
qtz. vn. is parallel to foliation

DB 14 dominantly Unit M
light green-grey, brown weathering
moderate to strongly foliated
ankerite
interbedded with above are two dark grey
to black argillite beds
B/160/30/E
F/130/80/SW
F/149/90/V
B is variable and approaches horizontal
qtz vn. to 6 cm with py phenos to 1 cm

DB 15 Unit M
F/135/80/SW

DB 16 Light to dark grey
weathers brown
v. strongly foliated
looks similar to Unit A but could be M
B/150/40/E
F/110/60/SW
B/150/40/E
F/130/80/SW
manganese beds up to 1 metre wide
interbedded with grey-black argillaceous phyl
5 m N of the Mn beds grey-black argillaceous
phyllites are interbedded with buff-coloured
micaceous phyllites.

DB 17 B/110/30/S
F/140/90/V
black argillite
pyrite phenos up to 1 cm

::

DB 18 F/160/90
black argillite
pyrite phenos up to 1 cm

DB 19 F/145/45/SW
B/145/45/SW
black argillite w. pyrite

DB 20 Grit, Unit C
not on map: east of Jim Adamson's "Trench 1100"
at crest of steep hill near white rock landmark

RL 5 grit unit
F/155/70/W

DB 21 grey black argillaceous phyllite
B/110/30/S
F/150/90/V
Unit M ?

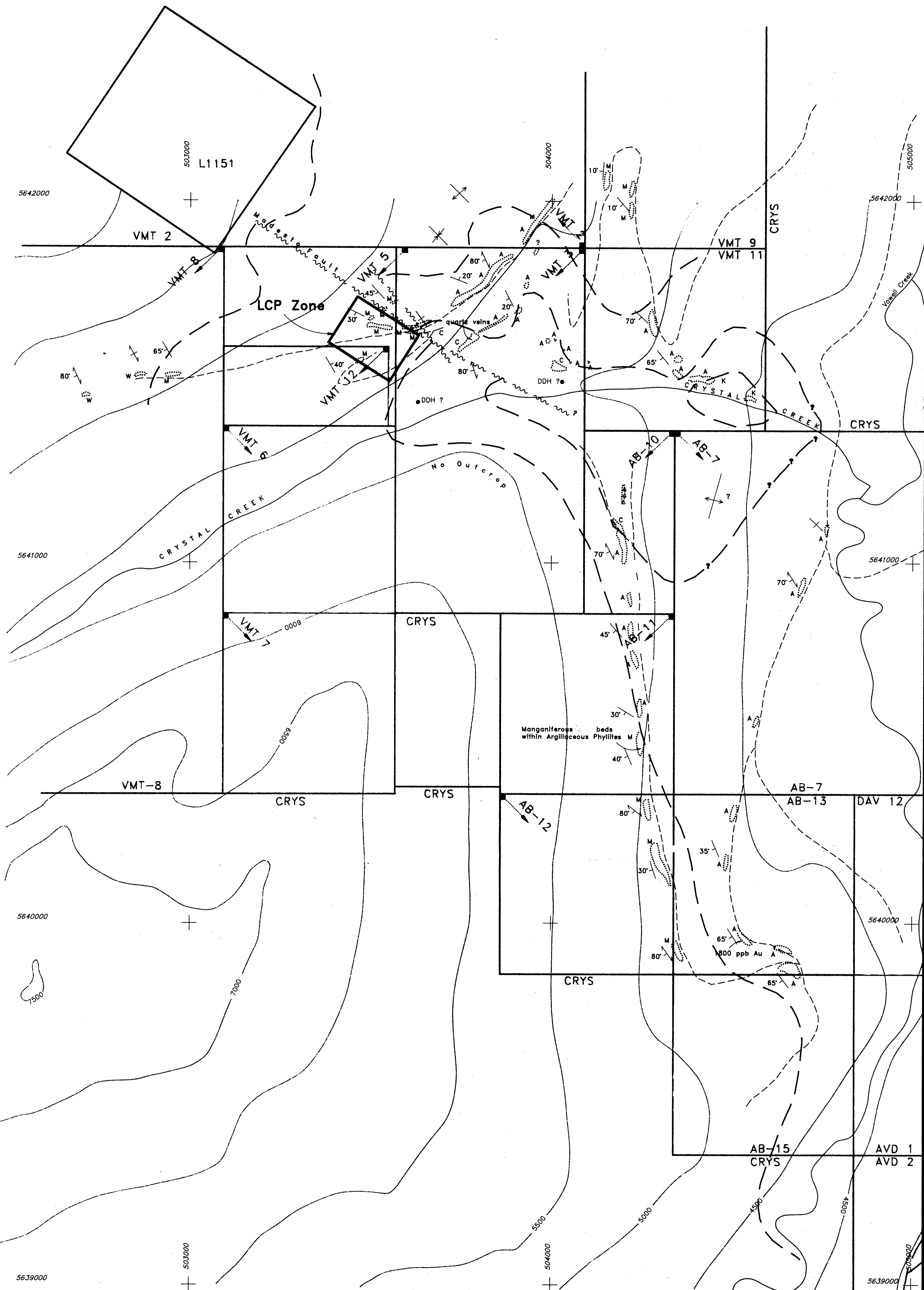
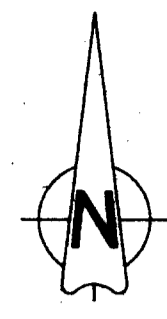
DB 22 B/140/70/SW
F/150/90/V
bedded argillaceous phyllite & limestone

DB 23 grey black argillaceous phyllite w. some
limestone beds up to 5 cm
F/140/90/V
B/145/75/SW

DB 24 interbedded grey-black argillite
and buff-coloured qtz-rich coarse sediment
well preserved load casts
B/140/90/V
F/140/90/V
perhaps Unit A (N. side of Madesto fault)

DB 25 Unit C grit
purple white, med grained
weakly phyllitic
F/140/90/V
B approaching horizontal
grit ranges to quartzite, ankeritic

DB 26 grit
F/150/80/E
parts suggest transition to Unit M
Alt. reading 6000 ft.

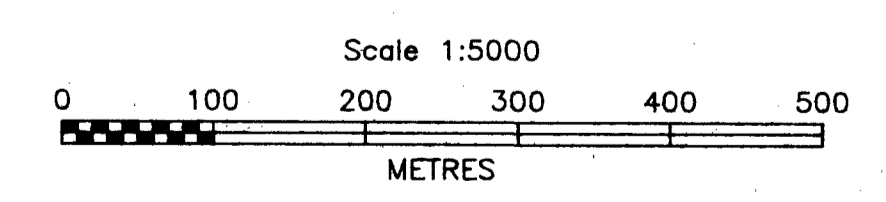


LEGEND

- W Whitebark Grit
- S Unit S Schists
- M Unit M Schists
- A Unit A Argillite
- C Cedar Grit
- K Gneiss
- Claim Boundary
- Creek
- 4500 Contour
- 65° Bedding, Strike, Dip
- 70° Foliation, Strike, Dip
- Geologic Contact, Inferred
- Fault
- Anticline Axis
- Syncline Axis
- Road
- DB10 Outcrop, Station Number

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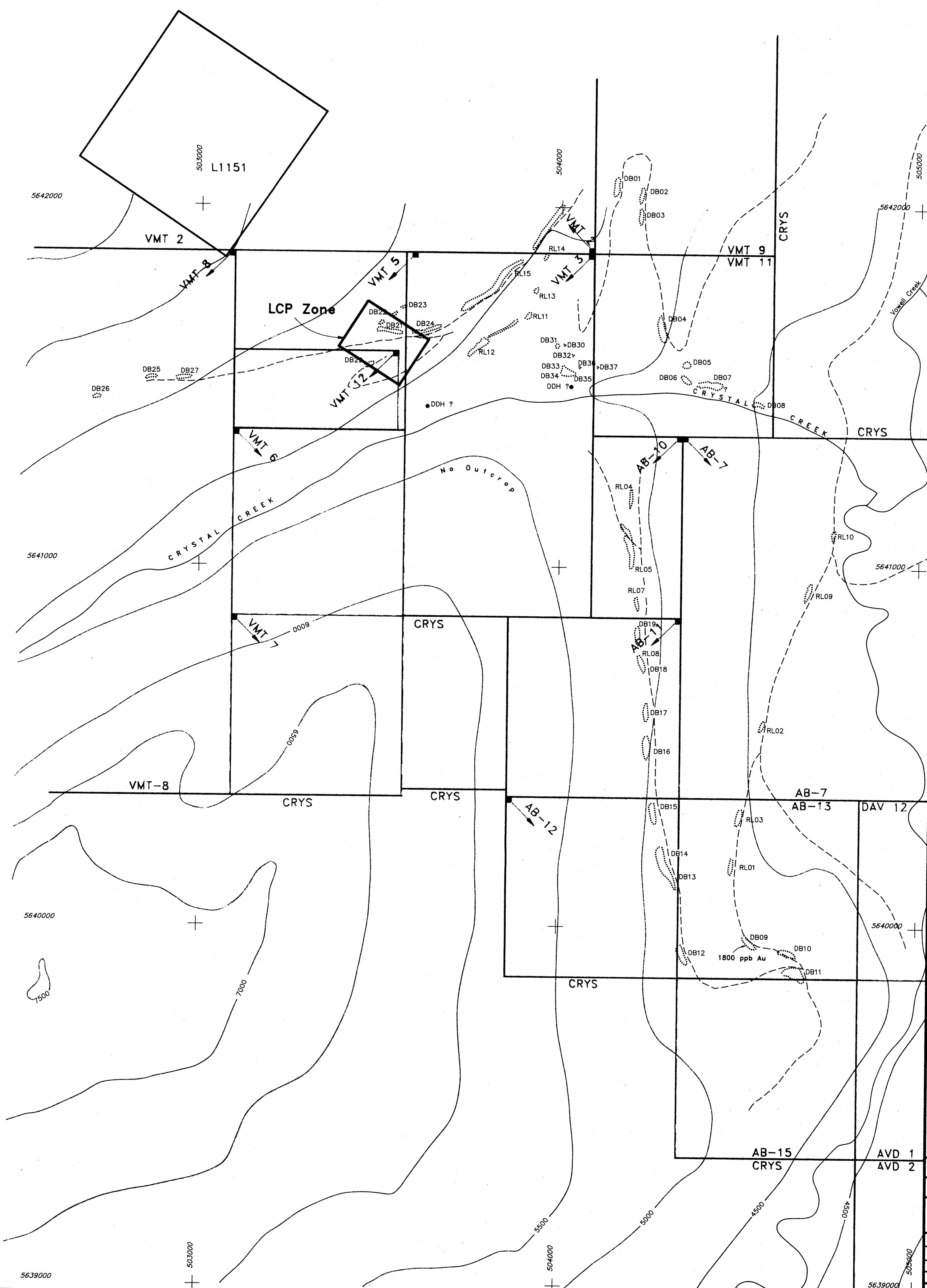
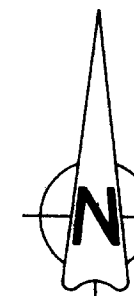


**SPILLIMACHEEN JOINT VENTURE
SOUTHERN VMT AND NORTHERN VAD CLAIMS**

Geology - 1993

Originator	Drawn	Date	PLAN NO.	FIGURE
	CASCAD	Nov 1993		3
Revision			N.T.S.	
Revision			82K/15W	

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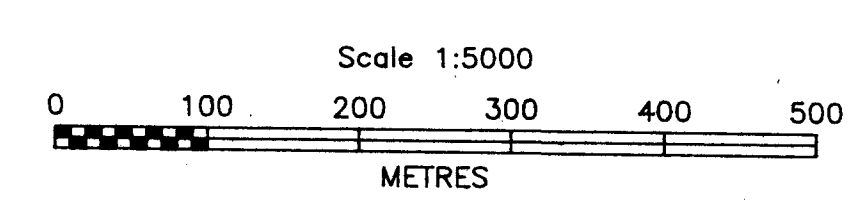
LEGEND

- Claim
- Creek
- 4500 Contour
- Road
- DB10 Outcrop, Station Number

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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**SPILLIMACHEEN JOINT VENTURE
SOUTHERN VMT AND NORTHERN VAD CLAIMS**

Station Locations

Originator	Originator	Drawn	Date	PLAN NO.	FIGURE
Revision		CASCAD	Nov 1993		4
Revision				N.T.S. 82K/15W	

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