

GEOPHYSICAL

ASSESSMENT REPORT

on the

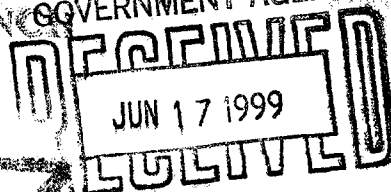
WEDGE PROPERTY
(Wedge, Wedge 1-8)

Vernon Mining Division
British Columbia

NTS: 82L/5E
Latitude: 50°16'00"N
Longitude: 119°37'30"W
Owner: K.L. Daughtry
Operator: Discovery Consultants
Author: T.H. Carpenter, P.Geo.
Date: May 13, 1999

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

GOVERNMENT AGENT



VERNON, B.C.

25.923

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SUMMARY

The WEDGE property, owned by K.L. Daughtry, consists of nine 2-post claim units located 25 km west of Vernon in south-central British Columbia.

The property is underlain by Eocene volcanic rocks overlying and in fault contact with the Jurassic/Cretaceous Okanagan Batholith.

The claims were staked in 1998 to cover an area of significant gold in soil anomalies discovered in 1988. Later sampling and mapping discovered gold bearing quartz veins in granodioritic rocks on the property.

LOCATION and ACCESS

The WEDGE property is located 25 km west of Vernon in the Thompson Plateau of south-central British Columbia (Figure 1). The claims are situated between Bouleau and Whiteman Creeks. The approximate centre of the property is 50°16' North Latitude and 119°37'30" West Longitude. The UTM coordinates are 312900 East and 5571000 North.

The property is accessible by well maintaining logging roads from Westside Road along Okanagan Lake. The property is reached via Whiteman Main for 8 km from Westside Road and then via Bouleau Main for 12 km. A recent logging road heads south for about 2 km from Bouleau Main to the northwest corner of the property.

Most of the property is located on the upland plateau between the steep valley sides of Whiteman and Bouleau Creeks. Elevations range from 1060 m above sea level on Bouleau Creek on the northeast, to 1740 m in the southwest corner of the WEDGE 7 claim.



0 100 200 300 400 500



Kilometres

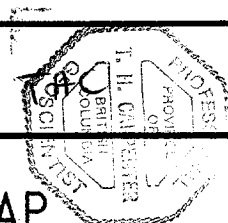
DISCOVERY

Consultants

OKEG

WEDGE PROPERTY

LOCATION MAP



PROPERTY

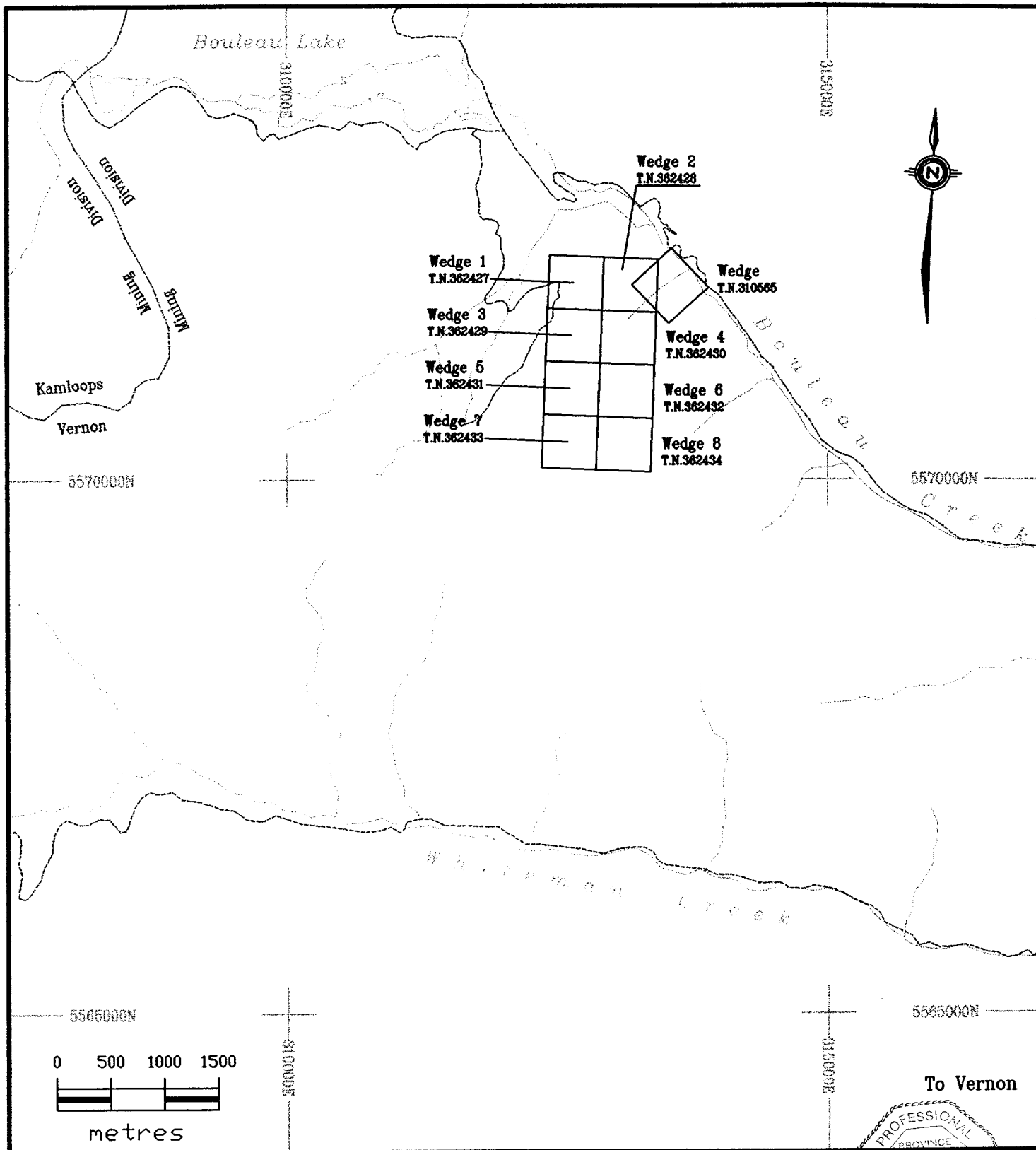
The WEDGE property consists of nine 2-post claims in the Vernon Mining Division, British Columbia (Figure 2).

The Wedge claim was located on June 18, 1992. Wedge 1 to 8 claims were located on May 06, 1998. The claims are owned by K.L. Daughtry. The following table lists the pertinent claim information.

<u>Claim Name</u>	<u>Record Number</u>	<u>Units</u>	<u>Expiry Date</u> *
Wedge	310565	1	June 18, 2000
Wedge 1	362427	1	May 06, 2000
Wedge 2	362428	1	May 06, 2000
Wedge 3	362429	1	May 06, 2000
Wedge 4	362430	1	May 06, 2000
Wedge 5	362431	1	May 06, 2000
Wedge 6	362432	1	May 06, 2000
Wedge 7	362433	1	May 06, 2000
Wedge 8	362434	1	May 06, 2000

* Pending acceptance of this report.

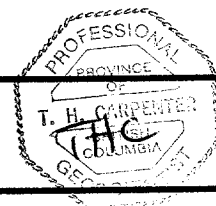
The claims are grouped as the WEDGE Group.



DISCOVERY

Consultants

OKEG



Wedge Property

CLAIM LOCATION MAP

GEOLOGY and MINERALIZATION

In the region west of the north end of Okanagan Lake, the Jurassic/Cretaceous Okanagan batholith intrudes tightly folded Upper Paleozoic to Upper Triassic sedimentary and volcanic rocks. The batholith is overlain in turn by Eocene volcanic and sedimentary rocks. Both the batholith and the younger Eocene rocks are intruded by the Eocene Whiteman Creek stock. This pluton occupies about 12 km² in the canyon of Whiteman Creek immediately south of the WEDGE property. The youngest rocks in the area are plateau basalt flows of Neogene age.

Except for the western portion of the property, the claims are entirely underlain by granodiorite of the Okanagan Batholith. The contact between the granodiorite and overlying Eocene volcanic rocks trends north-northeasterly across the plateau onto the WEDGE 1 and 2 claims. West of this contact, which may be a fault in places, the Eocene rocks are predominantly andesite, with lesser basalt and dacite and minor mafic tuff and feldspar porphyritic andesite. The pluton comprises two varieties of granodiorite: a leucocratic, massive, medium grained aphyric to porphyritic type and a melanocratic, medium grained, foliated type. The contacts between the two phases appear to be gradational.

Epithermal precious metal mineralization in the Whiteman Creek area appears to be spatially related to the Eocene Whiteman Creek alkali granite stock.

The exploration targets on the WEDGE property are chiefly epithermal gold veins in granitic and/or volcanic rocks, similar to Fairfield Mineral's Elk deposit (092HNE096) or the Fort Knox deposit in Alaska.

Other possible targets include:

- epithermal gold mineralization in shear/fault zones near the volcanic/granitic contact, similar to Huntington's Brett deposit (Minfile #082).
- epithermal gold mineralization in silicified zones in tuffaceous volcanic rocks, similar to parts of Huntington's Brett deposit.

GEOPHYSICAL SURVEY

a) Program Parameters

A detailed grid was re-established over a portion of the Wedge claims. This grid was a relocation of the previously established 1988 grid. Over a portion of the property this grid had been eradicated by clear-cutting

Seven east - west grid lines were established at 100 metre intervals with stations at 25 metre intervals. The Wedge claim line was tied in to this grid.

Data were collected using a Geometrics Unimag II proton magnetometer. Four lines with a total length of 900 metres were surveyed. The data were corrected for diurnal variation and contoured at an interval of 20 nanoTeslas (nT) after subtracting a datum of 56,000 nT from the readings.

The data are presented on Figure 3 with values ranging from 582 nT to 801 nT for a total relief of 219 nT.

b) Program Results

Several areas on the surveyed grid contained lower magnetic values than the overall background value of the intrusive rocks underlying the claims. It is probable that there is a correlation between quartz veins and magnetic lows on the property. Magnetic lows may also be a result of alteration and/or shearing within the underlying intrusives.

CONCLUSIONS

On the Wedge property auriferous quartz veins occur in Cretaceous/Jurassic granitic rocks of the Okanagan batholith. Previous soil samples had defined anomalous areas of the intrusive but are ineffective in accurately delineating areas for follow-up trenching.

Magnetometer surveys appear to be an effective tool in delineating quartz veins or areas of alteration on the Wedge property. The magnetometer survey carried out has aided in defining trenching targets on the property.

RECOMMENDATIONS

The following program is recommended:

Phase I

- 1) Magnetometer surveys should be carried out over geochemical anomalies.
- 2) VLF surveys should also be carried out to distinguish between magnetic lows caused by quartz veins and those caused by possible shear zones and to define structures on the property.
- 3) Geophysical and geochemical anomalies should be mapped and prospected.
- 4) Additional follow-up soil geochemistry should be conducted where warranted.

Phase II

Phase I should be followed by road building, trenching, mapping and rock sampling.

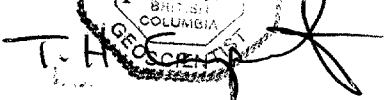
Phase III

Diamond drilling should be carried out if positive results are obtained in Phases I and II.

May 17, 1999
Vernon, BC

Respectfully submitted,
DISCOVERY CONSULTANTS

T.H. Carpenter, P. Geo.

A circular professional seal for a geoscientist in the Province of British Columbia. The seal contains the text "PROVINCE OF BRITISH COLUMBIA" and "GEOLOGIST". A signature, which appears to be "T.H. Carpenter", is written across the seal.

REFERENCES

Daughtry, K.L. and Gilmour, W.R., 1989b. Geochemical and Geophysical Assessment Report on the WHITEBOUL property.

Daughtry, K.L. and Gilmour, W.R., 1989a. Geochemical Assessment Report on the BOUL property.

Gilmour, W.R., 1991, Review of Soil Geochemistry on the BOULEAU property for Inco Exploration and Technical Services Inc.

STATEMENT OF COSTS

1 *Professional Services*

Tom Carpenter		
Report Writing		
0.5 days \$400/day		\$ 200.00

2 *Field Personnel*

Grid Establishment		
R. Mitchell (Aug. 4, 1998)	\$ 283.20	
Geophysics		
R. Mitchell (Aug. 5, 1998)	283.20	
Drafting	174.72	
Data Compilation	97.65	
	-----	836.77

3 *Expenses*

Field Supplies	\$ 18.20	
Equipment Rental	6.00	
Geophysical Equipment Rental	20.00	
Data Processing	3.00	
	-----	47.20

Exploration Costs : \$1,083.97

4 *Transportation*

4x4 Truck	2.0 days @\$40/day	\$ 80.00
	280 km @\$0.30/km	84.00

gas	34.06
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(a) \$ 198.06

@20% of Exploration Costs of \$1,083.97: (b) 216.79

(a) or (b) - whichever is less ----- 198.06

Sub-Total \$1,284.03

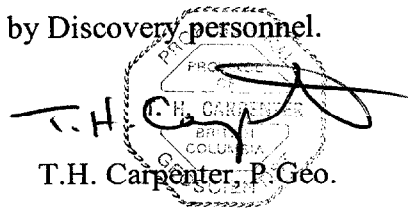
G.S.T. : 89.88

Total Exploration Costs : \$1,373.91

STATEMENT OF QUALIFICATIONS

I, THOMAS H. CARPENTER of 3902 14th Street, Vernon, British Columbia, V1T 3V2,
DO HEREBY CERTIFY that:

1. I am a consulting geologist in mineral exploration associated with Discovery Consultants, Vernon, B.C.
2. I have been practicing my profession continually since graduation in 1971.
3. I am a graduate of the Memorial University of Newfoundland with a Bachelor of Science degree in geology.
4. I am a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia.
5. I am a Fellow of the Geological Association of Canada.
6. This report is based on a review of field work carried out by Discovery personnel.


T.H. Carpenter, P. Geo.

APPENDIX 1

Magnetometer Survey Data

North	East	Mag val
-3400	2500	631
-3400	2525	622
-3400	2550	667
-3400	2575	645
-3400	2600	756
-3400	2625	684
-3400	2650	692
-3400	2675	665
-3400	2700	656
-3400	2725	650
-3500	2500	598
-3500	2525	676
-3500	2550	582
-3500	2575	650
-3500	2600	654
-3500	2625	585
-3500	2650	719
-3500	2675	650
-3500	2700	667
-3500	2725	798
-3600	2500	614
-3600	2525	607
-3600	2550	823
-3600	2575	662
-3600	2600	777
-3600	2625	652
-3600	2650	651
-3600	2675	689
-3600	2700	728
-3600	2725	750
-3700	2500	667
-3700	2525	690
-3700	2550	694
-3700	2575	661
-3700	2600	624
-3700	2625	639
-3700	2650	744
-3700	2675	776
-3700	2700	801
-3700	2725	757

