

ASSESSMENT REPORT
on a
Three (3) Short Hole
Diamond Drilling Program
of the

East and Touch Group of Mineral Claims
(Halo #6 and Touch #2 Claims)

situated at Aspen Grove

Nicola Mining Division

N.T.S. 92 H/15E

Latitude 49°55' N; Longitude 120°35' W

in British Columbia

by #5944

Scope Exploration Services Ltd.

of Merritt, B.C.

Field Work between July 7 and July 23, 1976

on behalf of

DAVID MINERALS LTD.

of

Vancouver, B.C.

92H/15E

HALO, TOUCH

5944

Report by:

D. R. Cochrane, P.Eng.,
Delta, B.C.,
August 9, 1976.

MERRITT, B. C.

AUG 19 1976

MINING RECORDER

Department of Mines and Petroleum Resources ASSESSMENT REPORT NO. 5944 MAP "

TABLE OF CONTENTS

page

A. Text

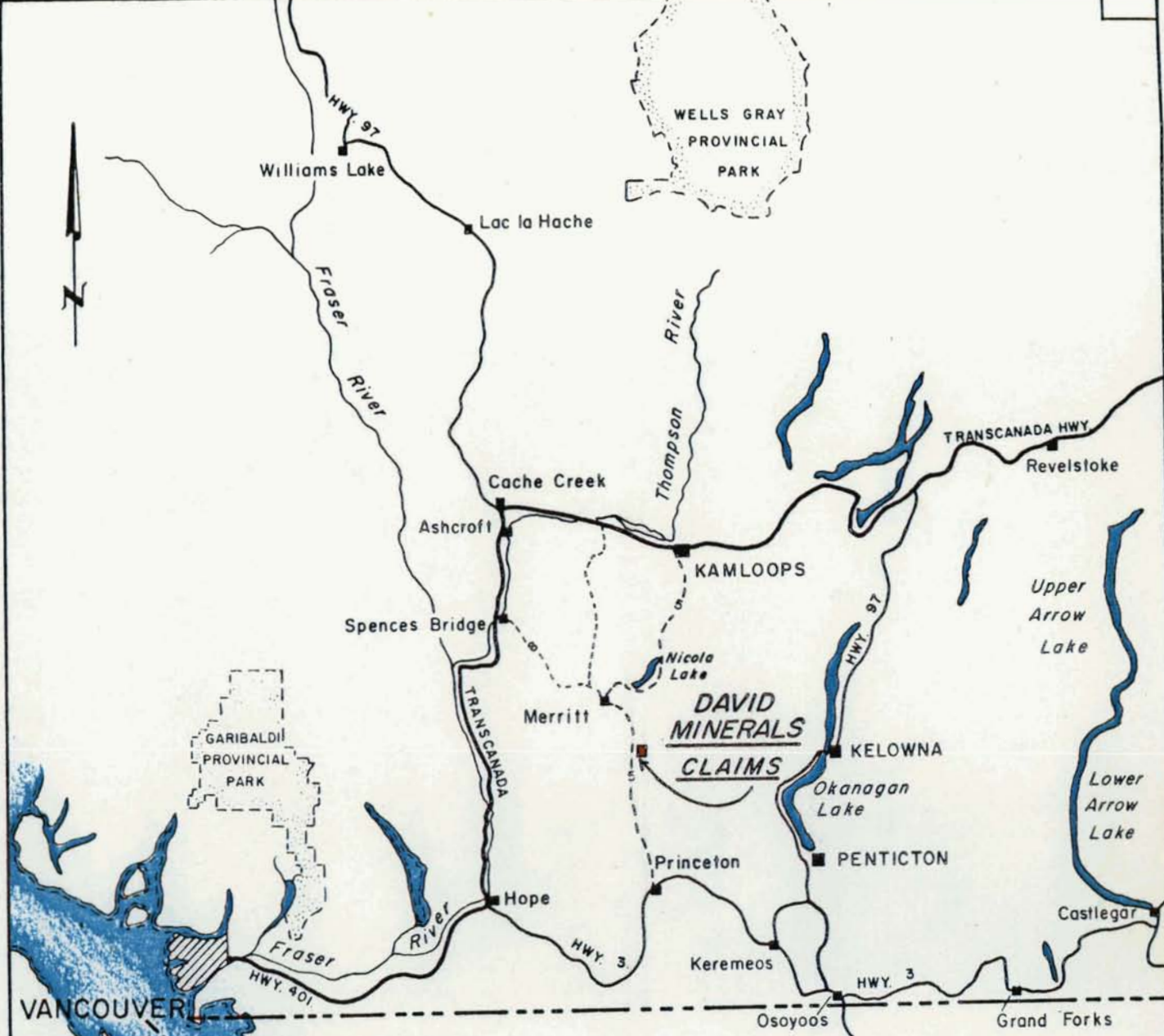
1. Introduction	1
2. Assessment Work Details	1
3. Claims Information	2
4. Methods	3
5. Diamond Drill Hole Logs	4

B. Appendix

I Statement of Costs	
II Certificates	

C. Figures

#1 1. Location Map	
#2 2. Claims Map and Drill Hole Locations	



U.S.A.

**Department of
Mines and Petroleum Resources
ASSESSMENT REPORT**

NO. 5944 MAP #1



DAVID MINERALS LTD.
ASPEN GROVE AREA NICOLA MINING DIVISION, B.C.

LOCATION MAP

DRAWN R.K., B.C.	DATED AUG / '76	FIG. NO. 1
CHECKED <i>f</i>	JOB NO. 1064 - CC	

1. INTRODUCTION

In July 1976, a two man crew from Scope Exploration Services Ltd. of Merritt, B.C. completed three short EX diamond drill holes on the Aspen Grove copper/silver property of David Minerals Ltd. of Vancouver. The project was supervised by Mr. M. Mathieu and the core was shipped to the author's office early in August, 1976.

The following report describes the drill hole locations, methods, and contains the drill hole logs. A statement of costs is appended. (Appendix I)

2. ASSESSMENT WORK DETAILS

Project: Kidd Breccia short diamond drill program

Sponsor: David Minerals Ltd., Vancouver, B.C.,
c/o Cochrane Consultants Ltd.,
4882 Delta Street, Delta, B.C.

Contractor: Scope Exploration Services Ltd.,
P.O. Box 1101, Merritt, B.C.

Work Done: EX diamond drilling, in 3 short holes-aggregate
total of 62.5 meters

Field Personnel and Dates:

Mr. M. Mathieu and helper
July 7 and 8; brush out road to drill sites
July 9; set up drill
July 10 - 19; Diamond drilling with moves
July 20; demobilization
July 23; delivery of core to Delta, B.C.

Office Personnel:

D. R. Cochrane, P.Eng., July 23, inspect core;
Aug. 9, 12, core log and report preparation

B. A. Cochrane, Drafting
W. E. Cochrane, Typing

Location: Aspen Grove Area (see map)

The settlement of Aspen Grove is 40 km. south of Merritt on Highway #5, and 56 km. north of Princeton. The Touch, Halo, and Broach claims lie 3 km. northeast of the Aspen Grove store, and normal access is by a number of unsurfaced roads which proceed east from Highway #5 about 1.5 km. north of the store. The claims lie immediately south of the Golden Sovereign Group described in G. S. L. Memoir 243, and north of Alleyne Lake. The latitude is 49°55' North, and the longitude is 120°35' West.

3. CLAIMS INFORMATION

The Aspen Grove property of David Minerals consists of a group of surveyed and unsurveyed claims and fractions, collectively called the Halo group. It is comprised of the following:

<u>Claim Name</u>	<u>Record Number</u>	<u>Expiry Date</u>
Touch 1 - 16 (incl.)	29446 - 61	April 12 (17), 1977
Top 1 & 2	20910 - 11	June 10, 1976
Magnus 1 - 6 (incl.)	24813 - 18	July 20, 1976
Vin #1 Fraction	49587	June 18, 1977
Ram A - 1	24819	July 20, 1976
Ram 1 - 6 (incl.)	24820 - 25	July 20, 1976
Halo 1 - 4 (incl.)	1363 - 6	July 28, 1977
Halo 5 & 6	1367 & 8	July 28, 1976

<u>Claim Name</u>	<u>Record Number</u>	<u>Expiry Date</u>
Halo 2 Fraction	21067	July 12, 1977
Broach 1 & 2	21670 - 71	Nov. 21, 1977
Broach 3 & 4	1469 - 70	Sept. 22, 1976
Chalco 1 - 3 (incl.)	1475 - 77	Sept. 22, 1977
Halo Fraction	37738	Sept. 26, 1976
Lou 11 to 14	21497 - 500	Sept. 27, 1977
SNO 1 & 2 Fraction	48024 - 25	Jan. 26, 1977
EX 1, 1 Fraction, 2	50905, 06, 07	Nov. 18, 1977
<u>Total 56</u>		

The claims are held by David Minerals Ltd. of Vancouver, B.C. (FML #143181)

4. METHODS

A Boyles X-Ray type drill, equipped with EXT rods and bits was mobilized to a site previously flagged by the author. Holes #1 and #3 were located on the Halo #6 claim. Hole #1 was drilled west at an angle of -45 and to a depth of 18.3 meters. Hole #3 was drilled vertically and was collared 30 meters west and in line with Hole #1.

Hole # 2 was vertical and collared in a trench on the Touch #2 claim.

The core was shipped to Delta, B.C. on the 23rd of July where it has recently been inspected by the author. (See drill hole logs which follow)

DIAMOND DRILL RECORD

PROPERTY DAVID MINERALS/ASPEN GROVE



DIP TEST		
	Angle	
Footage casing	Reading	Corrected
	-45	

HOLE No. 76-1 Sheet No. 1 Lat. _____
 Section _____ Dep. _____
 Date Begun July 10, 1976 Bearing 270° (true)
 Date Finished _____ Elev. Collar 1225 meters

Total Depth 18.3 meters
 Logged By D.R.C.
 Claim Halo #6
 Core Size EXT

DEPTH meters	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	RECOVERY %		
0 - 1.0	Rusty, blocky, green to grey Nicola andesite (?). Fe and Mn stain. Carbonate & epidote on fractures. Disseminated magnetite and trace pyrite. Fine to medium grained.			60		
1.0 - 5.9	Same as above - less weathered. Disseminated and fracture fill pyrite sometimes admixed with chalcopryrite. Visual estimate of up to 2% sulphides but patchy.			80		
5.9 - 6.2	Hybrid breccia & pink med. grained diorite with Nicola greenstone: Cu, Fe and Mn stain: several % magnetite: 1 - 2% pyrite and traces of chalcopryrite.			60		
6.2 - 18.2	Green-grey Nicola volcanics. Some brecciation esp. between 10.5 and 12.2 meters, some hybrid breccia in this section. Fine disseminated pyrite and traces of intermixed chalcopryrite. Occasional bleb of pyrite-chalcopryrite. Bleached & carbonates near end of hole.			+85		

DIAMOND DRILL RECORD

PROPERTY DAVID MINERALS/ASPEN GROVE



DIP TEST		
Footage	Angle	
	Reading	Corrected
--	-90	

HOLE No. 76-2 Sheet No. 1 Lat. --
 Section -- Dep. --
 Date Begun July '76 Bearing --
 Date Finished July '76 Elev. Collar --

Total Depth 25.9 m.
 Logged By D.R.C.
 Claim Touch #2
 Core Size EXT

DEPTH meters	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE				
0 - 25.9	1st meter blocky and poor core recovery (approx. 50%)						
	Better recovery at depth (approx. 80%)						
	Fine grained green Nicola volcanic with some andesite porphyry sections. Well to moderately well fractured, many fractures at 40 to 60° to core axis.						
	Extensive epidotization and carbonatization especially along fractures. Extremely fine grained pyrite-chalcopyrite often in clots with alteration minerals. Overall less than 1% disseminated sulphides.						

DIAMOND DRILL RECORD

PROPERTY DAVID MINERALS/ASPEN GROVE



Total Depth 18.3 meters
 Logged By DRC
 Claim HALO #6
 Core Size EXT

DIP TEST		
	Angle	
Footage	Reading	Corrected
<u>0</u>	<u>-90°</u>	

HOLE No. 76-3 Sheet No. 1 Lot.
 Section Dep. 30 m. west of 76-1
 Date Begun July Bearing --
 Date Finished July '76 Elev. Collar 1220 meters

DEPTH meters	DESCRIPTION	SAMPLE No.	WIDTH OF SAMPLE	RECOVERY %		
0 - 2.8	Fine grained, green grey Nicola volcanic - Some brecciation, carbonate filling, epidote, chlorite. Traces of disseminated pyrite and chalcopyrite.			60		
2.8 - 3.2	Grey, med. grained diorite. Fairly massive. Sausauritization of feldspars. Altered mafics. Disseminated magnetite and traces fine pyrite.			70		
3.2 - 18.3	Predominantly altered Nicola volcanics. Some small diorite fragments. Sub breccia in certain sections. Possibly originally a fragmental intermediate volcanic. Minor disseminated pyrite with traces of chalcopyrite throughout.			70		

[Handwritten signature]

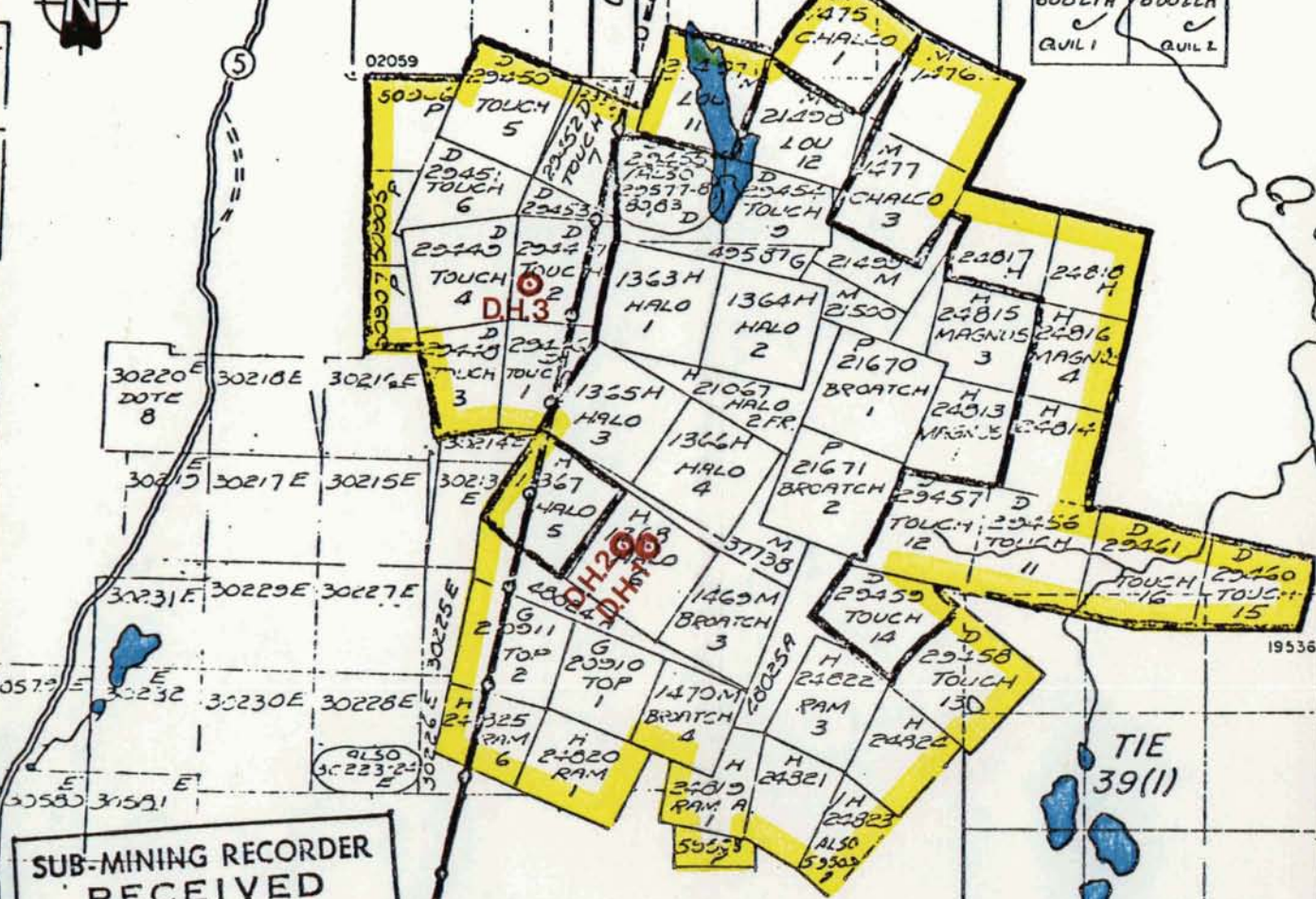


60023 H	60024 H
QUIL3	QUIL4
60021H	60022H
QUIL1	QUIL2

SNOWFLAKE
8 (5)

KAR
9 (5)

COPPER 2

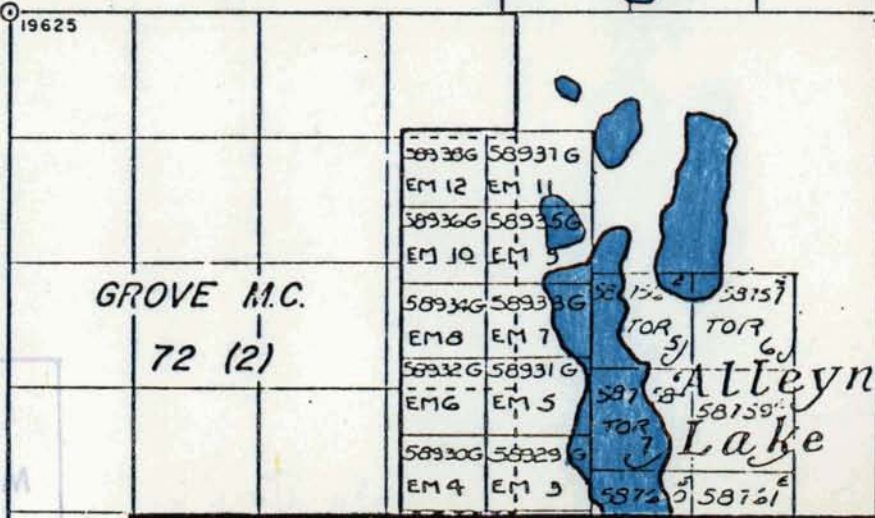


SUB-MINING RECORDER RECEIVED

APR 12 1976

M.R. # 10,205.25 \$2,100

VANCOUVER, B. C.



DAVID MINERALS LTD.

ASPEN GROVE AREA NICOLA MINING DIVISION - B. C.

○ DRILL HOLE LOCATIONS & CLAIMS MAP
(MINERAL MAP 92H/15E)

DRAWN: B. C.	DATE: AUG / '76	FIG. NO. 2
CHECKED: ppe	JOB NO: 1064 - CC	

APPENDIX I

Statement of Costs

As Per agreement between Scope Exploration Services Ltd. of
Merritt, B.C. and David Minerals Ltd. of Vancouver, B.C.
Diamond Drilling - Aspen Grove Property

A. Touch Group of Claims (Touch #2 claims)

One EX drill hole
25.9 meters @ \$49.25/meter = \$ 1,275.58

B. Halo #6 Claims

(a) Two (2) EX holes, 18.3 meters each
Total 36.6 meters @ \$49.25/meter = 1,802.55

(b) Road Work
6 man days @ \$50/man/day = 300.00
Rental 4 x 4, 3 days @ \$25/day = 75.00
3 day rental chain saw @ \$10/day = 30.00

C. Geological Work

D. R. Cochrane, P.Eng.
1 day @ \$200/day = 200.00

TOTAL \$ 3,683.13

(A & B Costs above supplied by Scope Exploration Services Ltd.)

APPENDIX II

Certificates

- D. R. Cochrane, P.Eng. - Registered member of the Association of Professional Engineers, Province of British Columbia. Graduate of Queen's University (1964) with a M.Sc. (Eng.) degree in Economic Geology. Continuous work in the mining exploration industry since graduation.
- M. Mathieu - President of Scope Exploration Services, Merritt, B.C. Employed in exploration since the 1950s.
- B. A. Cochrane - A.O.C.A. Drafting - Employed with Cochrane Consultants Ltd. since 1970.