86-297-14768

PROSPECTING REPORT

DDAM CLAIM GROUP

(Ddam 1 2069, Ddam 2 2070)

NANAIMO MINING DIVISION

Mapsheet 92F 2E

Latitude 49°10'N - Longitude 124°38'W

By: Paul W. Jones
Ron A. Konst

March 1, 1986

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LIST OF ILLUSTRATIONS

INTRODUCTION

The Ddam claim group is located in south central Vancouver Island approximately 14 km southeast of Port Alberni, B.C. (see figure 1). Access is via Highway 4 and logging roads in the Cameron Division of MacMillian-Blodel. Logging in the claim area has provided good access to much of the property.

Elevation on the claim group ranges from 600 to 1300 feet with creeks and road cuts providing ample exposure (see figure 3). Pleistocene glaciation blankets much of the claim area with a thin layer of glacial debris. The B-soil horizon is moderately developed and geochemical sampling has been proven as an effective exploration technique.

The claims were staked on February 16, 1985 and recorded on March 1, 1985 by Paul Jones. On April 28 and April 29, 1985 Paul Jones and Ron Konst spent two days prospecting the claim group. Later in the year on October 6 and October 7, 1985 Paul Jones and Ron Konst spent another two days mapping and prospecting the claim group. The exploration work done on these days is to be applied to the assessment requirements of the Ddam claim group. Further petrographic work of suite samples was performed during the winter months. The initial prospecting work has deliniated an interesting stratigraphic sequence. This sequence has mineralogical potential when compared with other massive sulphide deposits in the immediate area. Future geochemical and geophysical programs have been planned to test this potential.

The gold potential of the claim group has yet to be tested. A moderate number of quartz veins have been sampled but the area adjacent to the Yellow claim where 300 ounces of gold were recovered has not been prospected.

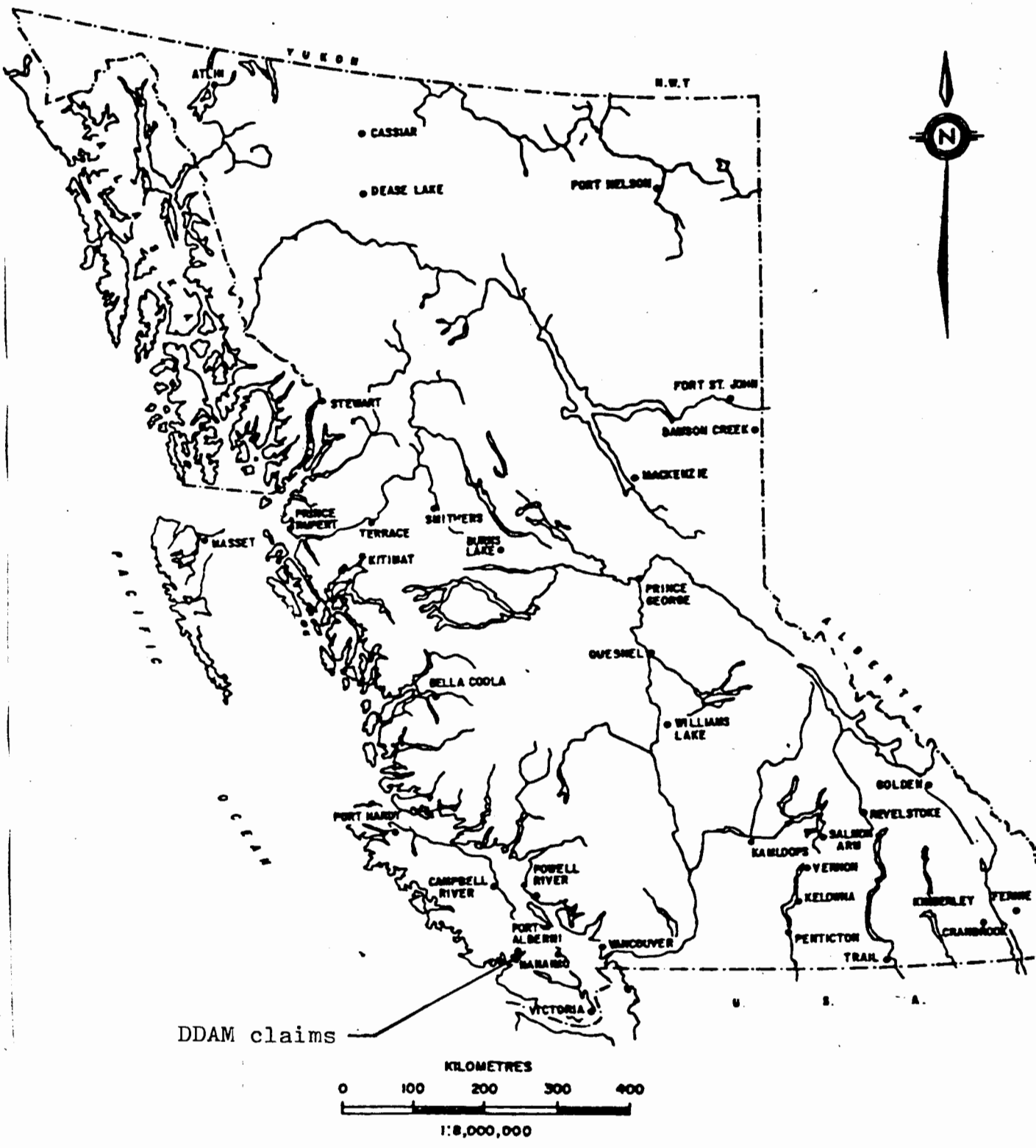
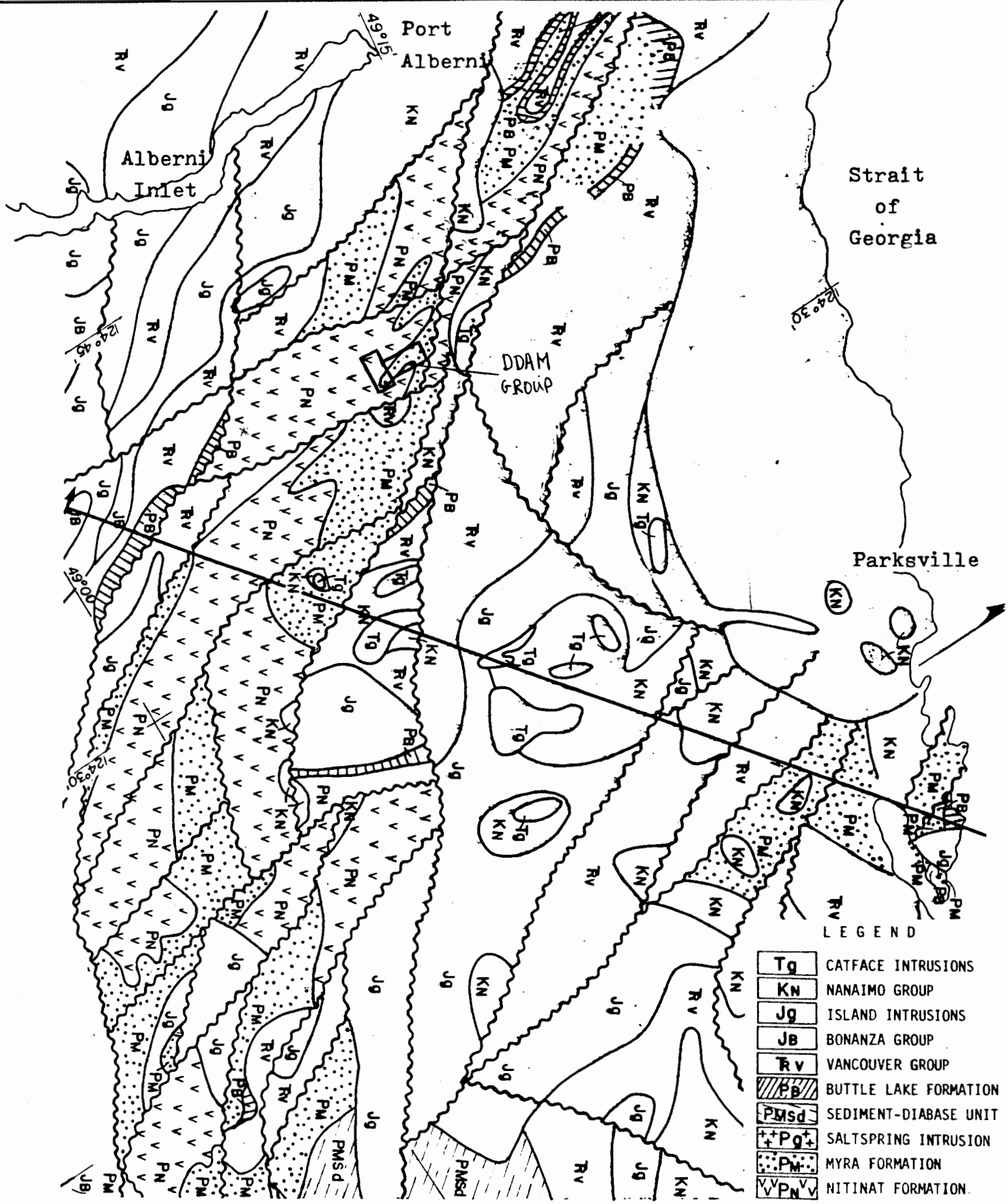


FIGURE 1: LOCATION MAP



Scale 1:250,000

FIGURE 2: REGIONAL GEOLOGY (after Muller, 1980)

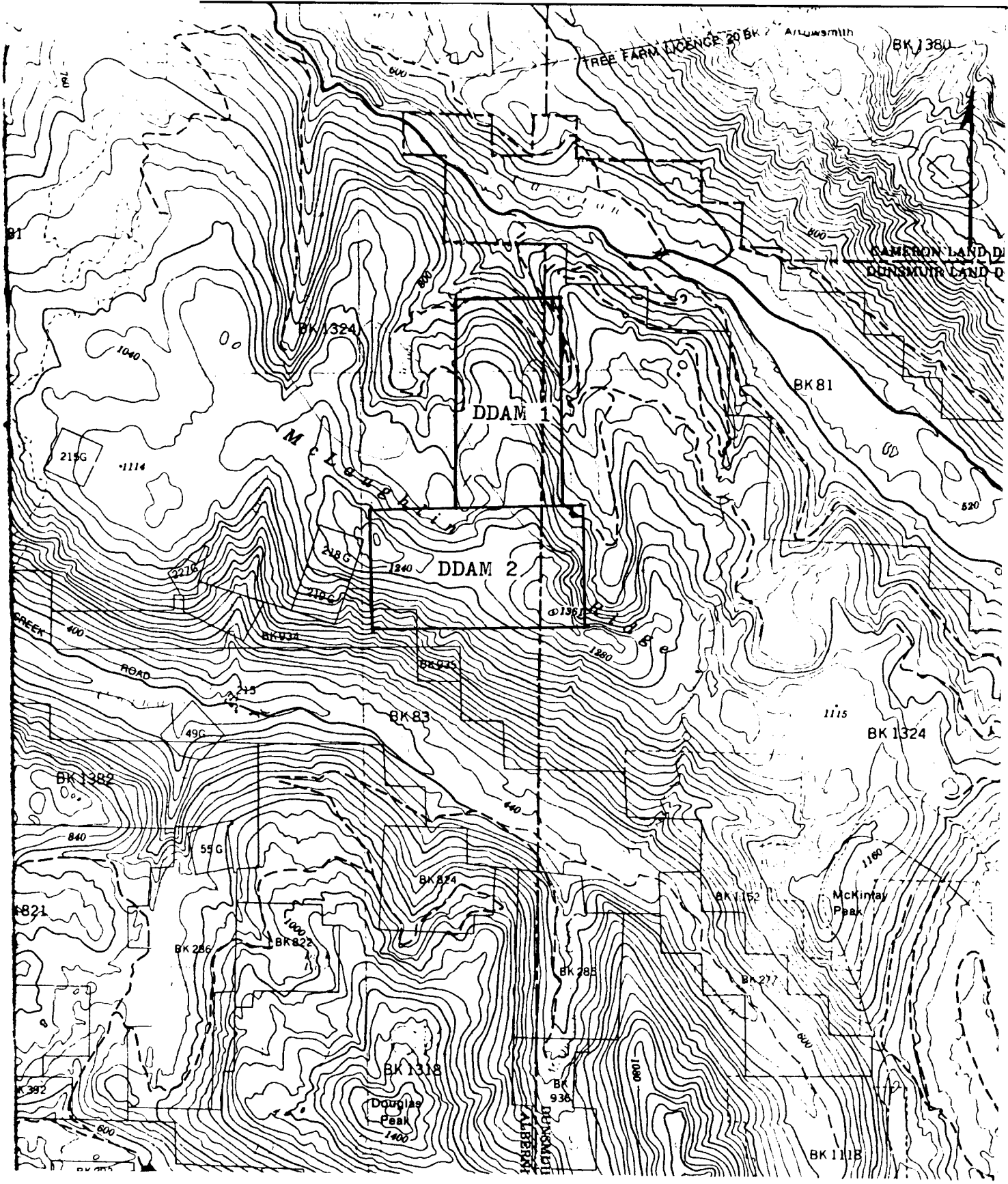


FIGURE 3: TOPOGRAPHIC MAP OF CLAIM AREA Scale 1:50,000

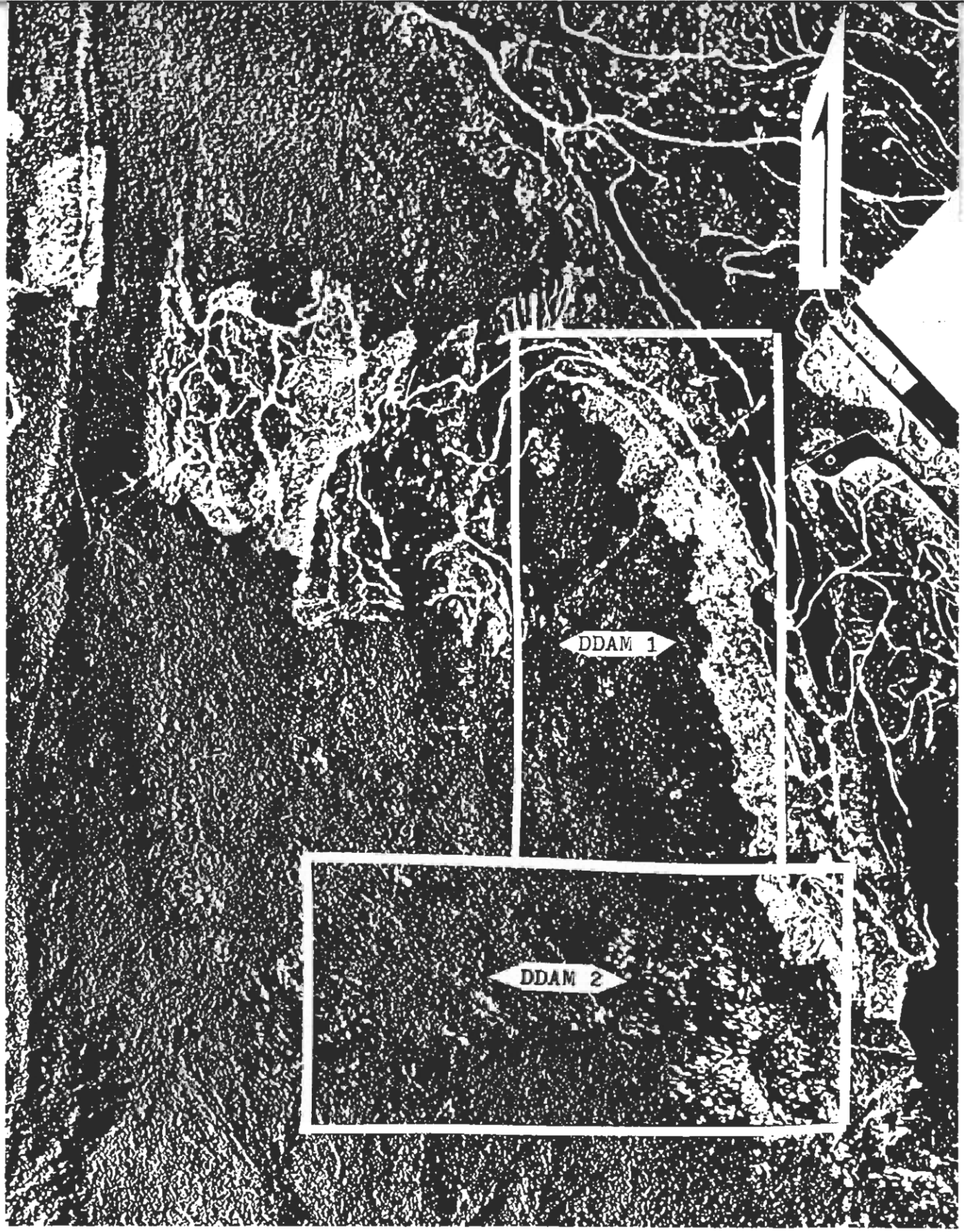


FIGURE 4: AIR PHOTO OF CLAIM AREA Scale 1:38,000

GEOLOGY

Regional:

The Ddam claim group is situated on a fault bound block of Sicker volcanics within the Insular Belt of the Canadian Cordillera (see figure 2). Pennsylvanian to Permian in age, Sicker volcanics are characterized by basaltic to rhyolitic meta-volcanic flows, tuffs and agglomerates. These rocks are of greenschist metamorphic grade, with much of their internal structure preserved.

Precious and base metal vein mineralization and porphy copper-molybdenum mineralization are prominent in this region. These types of deposits are located in Karmutsen and Sicker volcanics and appear to be related to dioritic intrusives of the Jurassic Island intrusions.

Geology of this region is similar to that of the Buttle Lake area where Westmin Resources is mining Kuroko-type, poly-metallic massive sulphide ore. These exhalite ore bodies are related to rhyolitic or rhyodacitic volcanics of the Myra Formation.

Property:

On the Ddam claim group five distinct units have been differentiated in the Myra formation of the Sicker group

volcanics (see figure 5). At the lower elevations on the northern end of the property lies the basal unit (5). This unit is composed of a thick sequence of devitrified andacite pillow lavas. Medium to coarse grained, secondary hornblende crystals are common throughout this unit.

Overlying this is a unit, (4), of dominantly banded tuffs interbedded with massive andacite flows. Within this unit are several pods and shear zones of hydrothermally altered andacites. These are characterized by quartz flooding and absences of mafics.

Unit (3) is an interbedded sequence of agglomeratic andacites and banded cherts. The agglomerates are characterized by large discernable clasts and comprise the bulk of the unit. The cherts are limited to 2 or 3 meters of apparent thickness.

Overlying this are two distinct vesicular basaltic flows. Unit (2) has a distinctive mauve-purple colour with quartz filled vesicules. Unit (1) is another vesicular basaltic flow sequence with a characteristic mixed red and green colouring; the red portion being jasperoid.

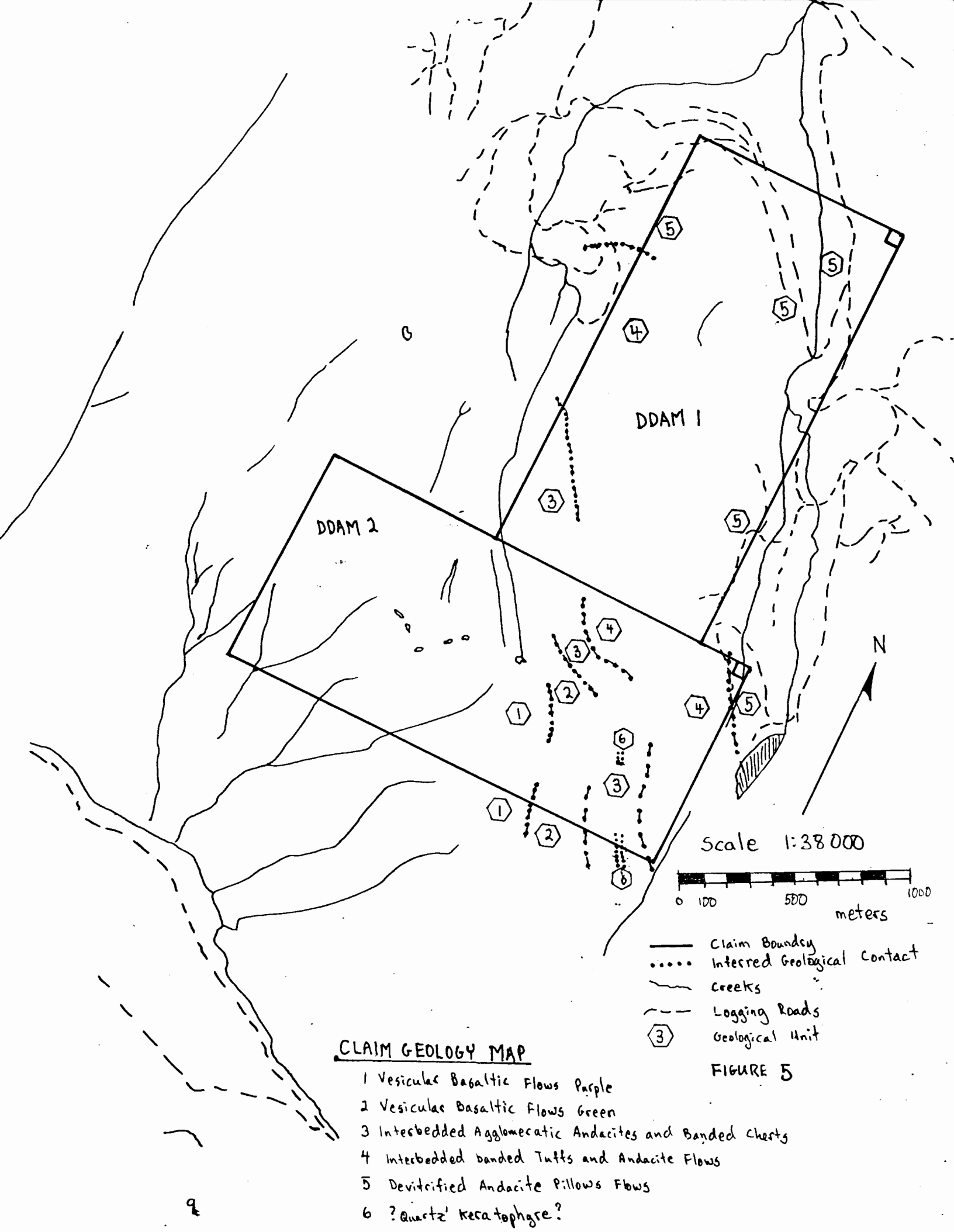


FIGURE 5

CLAIM GEOLOGY MAP

1 Vesicular Basaltic Flows Purple
2 Vesicular Basaltic Flows Green
3 Interbedded Agglomecatic Andacites and Banded Cherts
4 Interbedded banded Tuffs and Andacite Flows
5 Devitrified Andacite Pillows Flows
6 ?Quartz' Keratophyre?

TABLE 1: MINERAL INVENTORY INDEX FIGURE 6

B.C.D.M. #	OCCURRENCE NAME	DESCRIPTION
92F-78	Regina	·Au, Ag, and Cu in lenses and veinlets of quartz in sheared silicified andacite.
92F-79	Victoria	·Au, Ag, and Cu in quartz veins in andacite. 303 oz. Au, 53 oz. Ag, and 194 lbs. Cu recovered.
92F-80	Golden Eagle	·Au in quartz veins in feldspar porphyry intrusion in Sicker volcanics.
92F-81	B and K	·Au and Ag in quartz veins in sheared basalt.
92F-82	Havilah	·Au, Ag, Cu, and Pb in quartz veins and in disseminated sulphides in andacite and dioritized andacite. 259 oz., Au, 1404 oz. Ag, 4243 lbs. Cu, and 12676 lbs. Pb recovered.
92F-83	Thistle	·Au, Ag, and Cu in replacement bodies along shears in limestone. 2760 oz. Au, 2120 oz. Ag, and 681,425 lbs. Cu recovered.
92F-84	Black Panther	·Au, Ag, Cu, and Pb in quartz lenses in shears along contact of andacite and diorite breccia. 509 oz. Au, 953 oz. Ag, 498 lbs. Cu, and 12319 lbs Pb recovered.
92F-85	Black Lion	·Au and Ag in quartz stringers in shear zone along contact of andacite and diorite.
92F-167	Bank	·Au, Ag, and Cu in quartz veins in sheared Sicker volcanics.
92F-182	Skarn	·Cu in skarn within Sicker volcanics and sediments.
92F-184	Mountain	·Fe in sheared Sicker volcanics.
92F-186	Black Prince	Rhodonite and jasper in red and white cherty Sicker group tuffs.
92F-233	Cop Creek	·Native copper in sicker volcanics.
92F-243	Silver Bell	·Sb in quartz veins in Sicker volcanics.
92F-244	---	·Fe in chert.
92F-245	Lacy Lake	·Taconite (Mn) in Sicker cherts and volcanics.
92F-246	Cameron Lake	·Fe in sheared Sicker volcanics.
92F-247	Duke of York	·Placer gold.
92F-285	Ken	·Cu in quartz stringer in sheared Sicker volcanics.
92F-384	Villarta	·W, Au, Zn, and Cu along contact of Sicker volcanics and limestone.
92F-385	Sol	·Cu and Mo pophyry deposits in diorite, feldspar pophyry and Sicker volcanics.
92F-429	McQuillan Creek	·Gem quality jasper.

(See page for locations.)

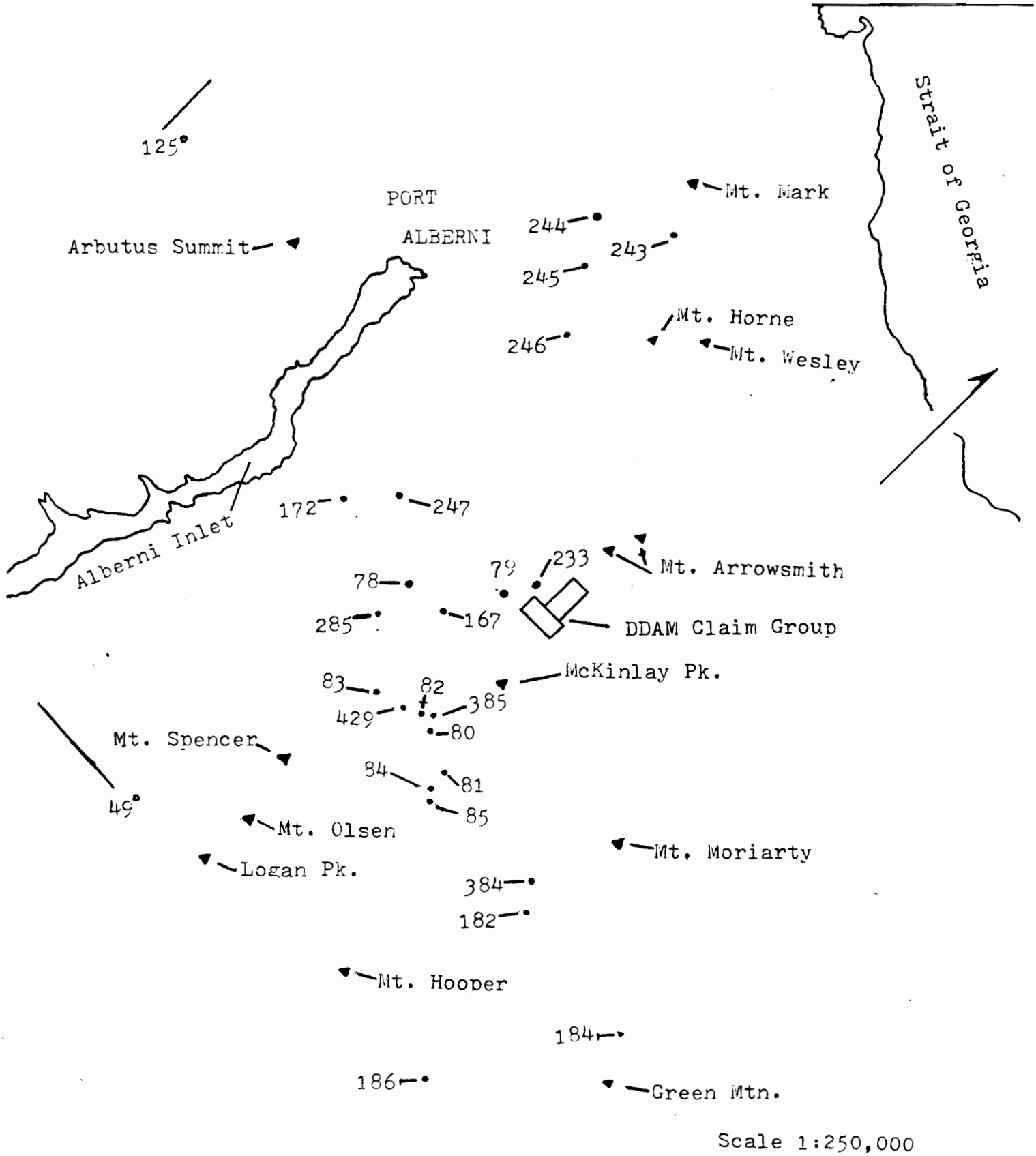


FIGURE 7: MINERAL INVENTORY MAP OF THE NORTHERN COWICHAN-HORNE LAKE UPLIFT

(after B.C.D.M. Mineral Inventory Map 92F)

PROSPECTING TRAVERSES

1. On April 28, 1985 Paul Jones and Ron Konst commenced prospecting on the Ddam claim group. The first day was spent traversing up the creek that covers the eastern boundry of Ddam 1. Being the first prospecting day a majority of the time was spent getting acquainted with the rock geology. The predominant rock type was a metamorphosed andesite greenschist facies. The rock type displayed local schistosity with abundant chlorite. The rock has preserved most of its textures and flow selvages and pillow out lines were readily evident. Pillow tops indicate that the sequence is upright and not overturned. Two heavy mineral silt samples were taken 85 - D1H and 85 - D3H. Heavy mineral pan concentrates were taken to better detect base and precious metal potential. The only other sample taken on this day was a flow selvage with a high concentration of pyrite blebs, 85 - D4H.

2. On April 29, 1985 both Mr. Jones and Mr. Konst continued prospecting the Ddam group. The day was spent on a truck traverse mapping and sampling road cuts. The three samples taken on this day were all rock chips of shear zones, 85 - D4R, 85 - D5R, 85 - D6R. These zones consisted of quartz calcite in filling, veining and up to 5% disseminated pyrite mineralization. Road outcrops were located and mapped on a 1:20 000 scale. Location

and accessibility of roads on the claim group was of primary concern so that future exploration could be planned.

3. On October 6, 1985 Paul Jones and Ron Konst conducted parallel traverses on the eastern portion of Ddam 2. These traverses provided the most comprehensive geological data. The greatest number of stratigraphic sequences were crossed. Actual contacts were not discovered but local variations provided a fair indication of the possible sequence. In total twenty-three rock samples were collected; 85 - DK2R to 85 - DK12R, 85 - DO1R to 85 - DO9R, 85 - DO10R, 85 - DO11R to 85 - DO13R. Along with these samples for analysis, eleven suite rock samples were collected. These suite rocks were later cut and prepared for petrographic analysis. The most interesting discovery of the day was a strongly sericite altered light colored (?) quartz keratophyre (?) zone. This zone was detected in two areas just above the banded tuff unit within the mixed agglomeratic banded chert unit. This zone had up to 10% disseminated pyrite within it. Although no impressive geochemical results were obtained this alteration is similar to that found with other massive sulphide occurances in the area. Future work will be concentrated on this area of the sequence on the claim group.

4. On October 7, 1986 Mr. Jones and Mr. Konst traversed up the western edge of the Ddam 1 claim into the central portion of the Ddam 2 claim. The object on this day was to compare the rock sequence to the west with that of the previous day. It was hoped that the seritic altered zone could again be

delineated. During this day thirteen rock samples and one silt sample were collected; 85 - DK13R to 85 - DK15R, 85 - DK16H, 85 - DK17R to 85 - DK22R, 85 - DO14R to 85 - DO17R. The sericitic zone was not discovered. The massive to banded tuff unit was encountered most of the day and it was interpreted that this unit is more extensive than previously determined. The results of this traverse help to delineate where to concentrate future work on the claim group.

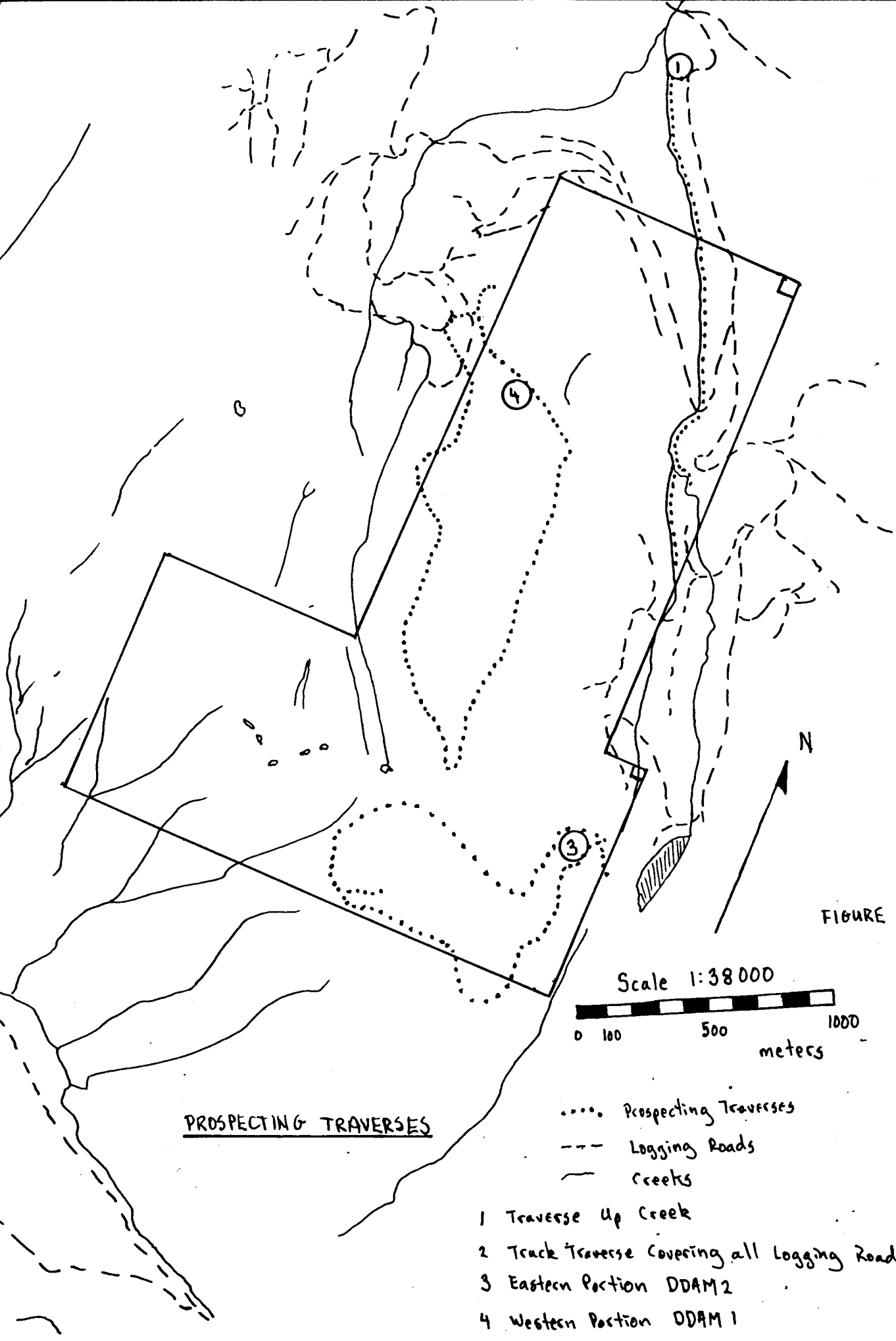

1
4
3
N
Scale 1:38000
0 100 500 1000
meters
PROSPECTING TRAVERSES
Prospecting Traverses
Logging Roads
Creeks
1 Traverse Up Creek
2 Track Traverse Covering all Logging Roads (Not Illustrated)
3 Eastern Portion DDAM 2
4 Western Portion DDAM 1

FIGURE 8

PLACER DEVELOPMENT LTD (RESEARCH CENTRE)

GEOCHEMICAL DATA LISTING: SICKER DATE: 85-

PDL Lab data file: P5250-1

AREA: SICKER
MAPSHEET NO:
VENTURE:
GEOLOGIST: R KONST
LAB PROJECT NO: 5250

PLEASE DISTRIBUTE RESULTS TO: R KONST ST LAB ** LAB **

REMARKS:
"ASSAY AU AG GEOCHEM CU PB ZN"

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
MO	PPM	0.5	C HCLO4/HNO3	4HRS	1-1000	ATOMIC ABSORPTION
CU	PPM	0.5	C HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION
ZN	PPM	0.5	C HCLO4/HNO3	4HRS	2-3000	ATOMIC ABSORPTION
PB	PPM	0.5	C HCLO4/HNO3	4HRS	2-3000	A.A. BACKGROUND COR.
CD	PPM	0.5	C HCLO4/HNO3	4HRS	0.2-200	A.A. BACKGROUND COR.
NI	PPM	0.5	C HCLO4/HNO3	4HRS	2-2000	ATOMIC ABSORPTION
CO	PPM	0.5	C HCLO4/HNO3	4HRS	2-2000	ATOMIC ABSORPTION
AG1	PPM	0.5	C HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AU	PPM	10.0	AQUA REGIA	3HRS	0.02-4.00	A.A. SOLVENT EXTRACT.
U	PPM	0.25	DIL HNO3	2HRS	1.0-1000	FLOURIMETRY SOLV. EX.
V	PPM	0.5	C HF/HCLO4/HNO3/HCL	6HRS	5-1000	ATOMIC ABSORPTION
W	PPM	0.5	C HCLO4/H3PO4	2HRS	2-1000	DC PLASMA.
F	PPM	0.25	NA2CO3/KNO3 FUSION	30MIN	40-4000	SPECIFIC ION ELECTODE
AS	PPM	0.5	C HCLO4/HNO3	4HRS	2-1000	A.A. BACKGROUND COR.
SB	PPM	0.5	C HCL/HNO3	2HRS	2-1000	A.A. BACKGROUND COR.
BI	PPM	0.5	C HCLO4/HNO3	4HRS	2-2000	A.A. BACKGROUND COR.
MN	PPM	0.5	C HCLO4/HNO3	4HRS	2-3000	ATOMIC ABSORPTION
FE	%	0.5	C HF/HCLO4/HNO3/HCL	6HRS	0.02-20%	ATOMIC ABSORPTION
HG	PPB	0.25	DIL HNO3/HCL	2HRS	5-2000PPB	A.A. COLD VAPOR GEN.
BA	%	0.25	C HF/HI/OXALIC	4HRS	0.02-20%	ATOMIC ABSORPTION
NA	%	0.5	C HF/HCLO4/HNO3/HCL	6HRS	0.2 -20%	ATOMIC ABSORPTION
K	%	0.5	C HF/HCLO4/HNO3/HCL	6HRS	0.2 -20%	ATOMIC ABSORPTION
CA	%	0.5	C HF/HCLO4/HNO3/HCL	6HRS	0.02-20%	ATOMIC ABSORPTION
SR	PPM	0.5	C HF/HCLO4/HNO3/HCL	6HRS	10-2000	ATOMIC ABSORPTION
MG	%	0.5	C HF/HCLO4/HNO3/HCL	6HRS	0.2-20%	ATOMIC ABSORPTION
SN	PPM	1.0	NH4I FUSION	15MIN	5-500	A.A. SOLVENT EXTRACT.
LOI	%	1.0	ASH 600 DEG C	2HRS	0.02-99%	WEIGH RESDUE

PLACER GEOCHEM ASSAY SYSTEM: DATA FROM SICKER

GRID	SAMPLE	PROJECT	CU	ZN	PB	AG	AU
	DK2R 71183	5250	66	43	8	<0.2	<0.02
	DK3R 71184	5250	13	23	6	<0.2	<0.02
	DK4R 71185	5250	84	50	23	<0.2	<0.02
	DK5R 71186	5250	66	62	8	<0.2	<0.02
	DK6R 71187	5250	38	69	17	<0.2	<0.02
	DK7R 71188	5250	30	13	10	<0.2	<0.02
	DK8R 71189	5250	29	65	8	<0.2	<0.02
	DK9R 71190	5250	32	54	4	<0.2	<0.02
	DK10R 71191	5250	28	61	3	<0.2	<0.02
test	STD G	5250	86	65	100	1.0	
	DK11R 71192	5250	42	50	4	<0.2	<0.02
	DK12R 71193	5250	40	50	5	<0.2	<0.02
	DK13R 71194	5250	11	50	10	<0.2	<0.02
	DK14R 71195	5250	27	53	9	<0.2	<0.02
	DK15R 71196	5250	32	54	5	<0.2	<0.02
	DK16H 71197	5250	53	51	6	<0.2	<0.02
	DK17R 71198	5250	26	74	4	<0.2	<0.02
	DK18R 71199	5250	51	50	5	<0.2	<0.02
	DK19R 71200	5250	10	6	3	<0.2	<0.02
test	STD G	5250	113	71	103	0.9	
	DK20R 71201	5250	12	13	6	0.2	<0.02
	DK21R 71202	5250	23	15	5	<0.2	<0.02
	D01R 71203	5250	42	45	5	0.2	<0.02
	D02R 71204	5250	125	71	4	0.2	<0.02
	D03R 71205	5250	17	82	2	<0.2	<0.02
	D04R 71206	5250	7	9	2	<0.2	<0.02
	D05R 71207	5250	20	71	9	<0.2	<0.02
	D06R 71208	5250	31	46	6	<0.2	<0.02
	D07R 71209	5250	26	63	5	<0.2	<0.02
	D07R 71209*	5250	27	65	5	<0.2	<0.02
	D08R 71210	5250	6	15	4	<0.2	<0.02
	D09R 71211	5250	13	39	5	<0.2	<0.02
	D010H 71212	5250	34	84	5	<0.2	<0.02
	D011R 71213	5250	25	24	17	<0.2	<0.02
	D012R 71214	5250	30	37	6	<0.2	<0.02
	D013R 71215	5250	55	46	6	<0.2	<0.02
	D014R 71216	5250	36	66	12	<0.2	<0.02
	D015R 71217	5250	29	39	5	<0.2	<0.02
	D016H 71218	5250	37	66	4	<0.2	<0.02
	D016H 71218*	5250	36	65	4	<0.2	<0.02
	D017R 71219	5250	25	34	4	<0.2	<0.02
test	STD G	5250	96	63	100	1.0	
test	STD AU	5250					0.50
test	STD AU	5250					0.50
test	STD AU	5250					0.50

END OF LISTING - 45 RECORDS PRINTED
GCLIST RUN AT: 14:34:09

AUTOVALU

Reconnaisance Sampling of DDAM 1

sample	type	description
85-D1H	heavy mineral	fair sample taken in 2m wide creek with moderate to high flow.

Ag	As	Au	Cu	Pb	Zn
*<.2	<2	<.02	70	4	58

sample	type	description
85-D2R	rock chip	10cm chip across a 10 by 30 cm lense of fine grained light blue-green rock with 1% disseminated fine grained pyrite and associated quartz stringers with fine grained pyrite selveges. lense located within chloritic schist schistosity: 125/64 N

Ag	As	Au	Cu	Pb	Zn
.5	<2	.08	133	21	150

sample	type	description
85-D3H	heavy mineral	fair sample taken in 1 m wide creek with moderate to high flow.

Ag	As	Au	Cu	Pb	Zn
<.2	<2	.1	45	8	78

sample	type	description
85-D4R	rock chip	20 cm chip across a ressesive, gossanous, quartz-carbonate altered shear zone with 1% disseminate pyrite, located in massive greenstone.

Ag	As	Au	Cu	Pb	Zn
<.2	25	<.02	28	2	94

sample	type	description
85-D5R	rock chip	20 cm chip across a gossanous shear zone with greater than 1% pyrite and associated quartz veining, quartz flooding and sericitic alteration, located in massive greenstone.

Ag	As	Au	Cu	Pb	Zn
.5	<2	.06	105	14	480

sample	type	description
85-D6R	rock chip	10 cm chip across a shear zone similar to that of 85-D5R with a jasper lense in host rock cut by shear.

Ag	As	Au	Cu	Pb	Zn
.3	<2	<.02	73	11	68

sample	type	description
DK2R	grab	silicified tuff with trace pyrite.

Cu	Zn	Pb
66	43	8

sample	type	description
DK3R	rock chip	1 m chip across gossanous shear at least 50 m long.

Cu	Zn	Pb
13	23	6

sample	type	description
DK4R	grab	banded to massive tuff with trace pyrite.

Cu	Zn	Pb
84	50	23

sample	type	description
DK5R	grab	black siliceous tuff with rusty quartz stringer stockwork and 2% fine grained disseminated pyrite.

Cu	Zn	Pb
66	62	8

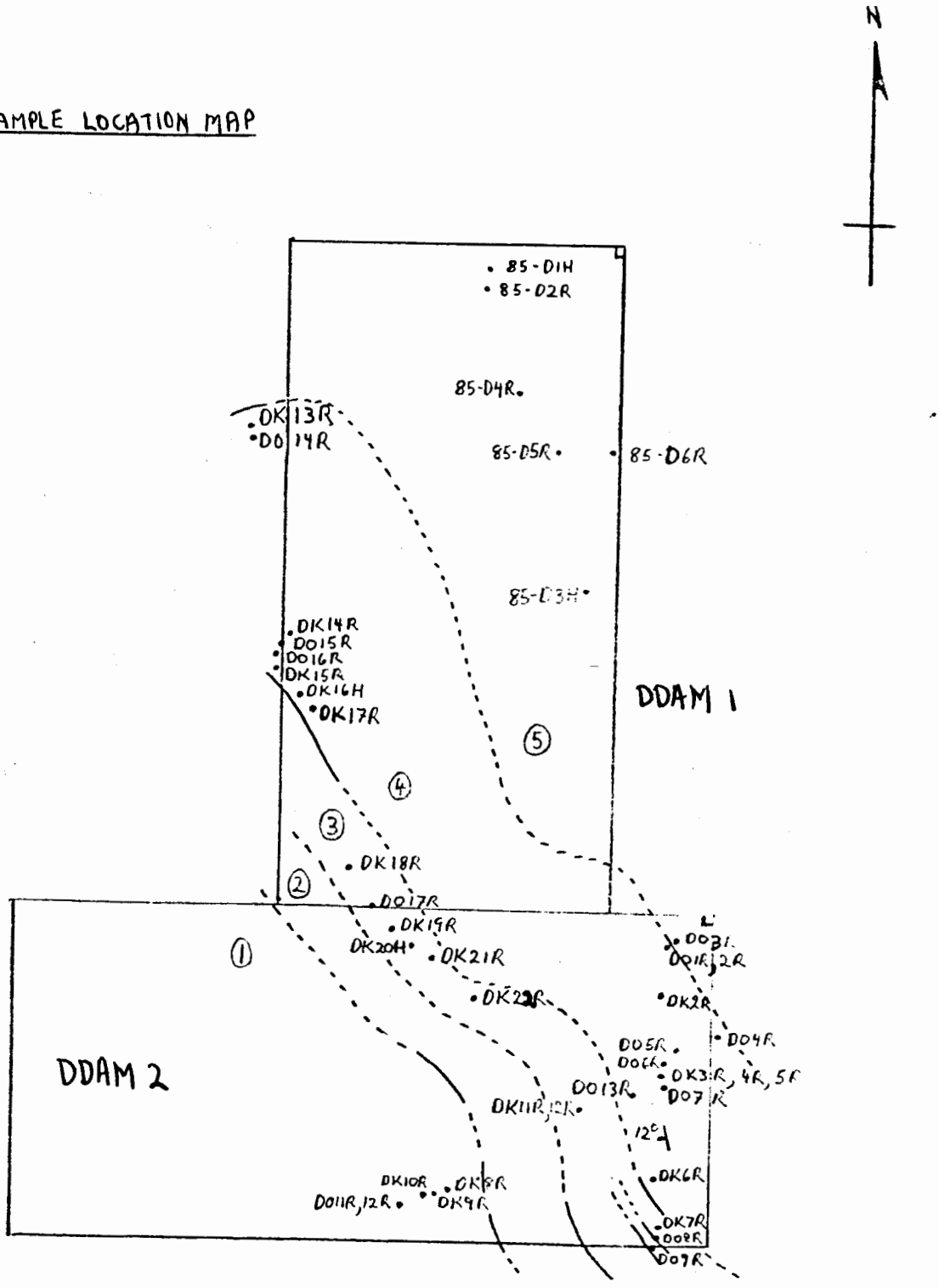
* values given in ppm

sample	type	description
DK6R	grab	quartz lense with fine grained disseminated pyrite cubes, in agglomeratic andacite tuff.
Cu	Zn Pb	
38	69 17	
DK7R	grab	agglomeratic andacite with 2% fine grained blebs of pyrite.
Cu	Zn Pb	
30	13 10	
DK8R	grab	rusty vesicular andacite.
Cu	Zn Pb	
29	65 8	
DK9R	grab	rusty agglomeratic andacite.
Cu	Zn Pb	
32	54 4	
DK10R	grab	silicified andacite with carbonate stockwork containing traces of pyrite and bornite.
Cu	Zn Pb	
78	61 3	
DK11R	grab	fine grained rusty tuff.
Cu	Zn Pb	
42	50 4	
DK12R	grab	rusty siliceous tuff.
Cu	Zn Pb	
40	50 5	
DK13R	grab	siliceous tuff with 2% medium grained disseminated pyrite.
Cu	Zn Pb	
11	50 10	
DK14R	grab	silicified tuff with traces of pyrite and malachite.
Cu	Zn Pb	
27	53 9	
DK15R	grab	rusty weathering silicified light grey tuff with 5% very fine grained disseminated pyrite.
Cu	Zn Pb	
32	54 5	
DK16H	silt	
Cu	Zn Pb	
53	51 6	
DK17R	grab	silicified tuff with quartz stockwork and 1% fine grained disseminated pyrite.
Cu	Zn Pb	
26	74 4	
DK18R	float	rusty, vuggy quartz boulder.
Cu	Zn Pb	
51	50 5	
DK19R	float	rusty, vuggy quartz vein in tuff.
Cu	Zn Pb	
10	6 3	

sample	type	description
DK20H	silt	
Cu Zn Pb		
12 13 6		
DK21R	grab	rusty quartz vein in agglomeratic andacite.
Cu Zn Pb		
23 15 3		
DK22 R		banded chert tuff with 1% disseminated pyrite

		Cu	Zn	Pb	
D01R	grab	42	45	5	banded tuff with 1% disseminated pyrite
D02R	grab	125	71	4	banded tuff with quartz veins, 1% dissem. pyrite
D03R	grab	17	82	2	massive andacite with 2cm pyrite lenses, hematite
D04R	grab	7	7	2	quartz veins within banded -> massive tuff trace pyrite
D05R	grab	20	71	9	banded tuff with quartz veins and trace pyrite
D06R	grab	31	46	6	massive tuff with disseminated pyrite
D07R	grab	26	63	5	quartz vein with trace pyrite within massive tuff
D08R	grab	6	15	4	silicified altered massive tuff, 10% disseminated pyrite
D09R	grab	13	39	5	silicified altered massive tuff, 10% disseminated pyrite
D010H	silt	34	84	5	poor sample, partially dry creek
D011R	grab	25	24	17	massive andacite gossanous with < 5% diss. pyrite
D012R	grab	30	37	6	massive andacite gossanous with < 5% diss. pyrite
D013R	grab	55	46	6	silicified altered massive tuff, 10% disseminated pyrite
D014R	grab	36	66	12	massive andacite with 3cm pyrite lenses
D015R	grab	29	39	4	quartz veins with trace pyrite
D016R	grab	37	66	4	quartz veins with trace pyrite
D017R	grab	25	34	4	massive andacite with quartz veins and trace pyrite

SAMPLE LOCATION MAP



LEGEND

- geologic contacts (infered)
- claim boundaries and LCP's
- sample locations
- ① mixed green and red clastic flows
- ② purple flows
- ③ aglomeratic andacites and banded cherts
- ④ banded tuffs
- ⑤ andacite pillows

scale 1:38,000

FIGURE 9

STATEMENT OF COSTS

Name	Position	Dates Worked	Rate/day	Total
P. Jones	Prospector	April 28,29 1985	$150.00	$ 300.00
R. Konst	Geologist	April 28,29 1985	$150.00	$ 300.00
P. Jones	Prospector	October 6,7 1985	$150.00	$ 300.00
R. Konst	Geologist	October 6,7 1985	$150.00	$ 300.00
			Total Wages	$1200.00

TRANSPORTATION:	
Truck Rental - 5 days @ $60.00/day (incl. gas)	$ 300.00
Ferry 4 trips @ $25.00	$ 100.00
FOOD:	
8 man - days @ $25.00/day	$ 200.00
ANALYSES:	
45 samples analysed for Cu, Pb, Zn, Au, Ag @ $26.00/sample (incl. shipping)	$1170.00
REPORT PREPARATION:	
Maps, Typing, Drafting	$ 200.00
PETROGRAPHIC ANALYSIS:	$ 100.00
Total Expenditures	$3270.00

REFERENCES

Allen, D.G.
1982: Geochemical Assessment Report on the Mineral Creek Property (Yellow Claim), Alberni Mining Division, B.C., for Silver Cloud Mines Ltd. A.R. 10206.

Armstrong, C.M.
1983: Geochemical Report on the Daughters Property Nanaimo Mining Division, for O.G. MacDonald A.R. 11622.

Benvenuto, G.
1980: Geochemical Soil Survey Program on Lily 1 and Lily 2 Claims, Port Alberni, B.C., for Western Mines Ltd., Assessment Report 8249.

Benvenuto, G.
1981: Geochemical Soil Sample Survey for Cu, Pb, and Zn, and Line Cutting on the McLaughlin Ridge Property, Port Alberni, B.C., for Westmin Resources Ltd., Assessment Report 9111.

Benvenuto, G.
1981: Geochemical Soil Sample Survey for Cu, Pb, Zn, and Line Cutting on the McLaughlin Ridge Property, Port Alberni, B.C., for Westmin Resources Ltd., Assessment Report 10176.

Muller, J.E.
1979: Geology of Vancouver Island, Open File Map No. 463, Map Production Division, Department of Lands, Forests and Water Resources, Victoria, B.C., 3 Sheets.

Muller, J.E.
1980: The Paleozoic Sicker Group of Vancouver Island, B.C., Geological Survey, Paper 79-30.

Scott, G.H.
1974: Report on the Geochemical and Geological Survey of the Amy Claim Group, for Western Mines Ltd., Assessment Report 4875.

Stevenson, J.S.
1944: Geology and Ore Deposits of the China Creek Area, Vancouver Island, B.C., Report of the Minister of Mines, p. A142-G161.

Tschach, R.K.
1976: Report on the Geochemical and Geological Survey of the Tasha-Shannon Claim Groups and the Rupert-Dog Claim Groups, for Western Mines Ltd., Assessment Report 6153.

Walker, R. and G. Benvenuto
1979: Geochemical and Survey Program on the McLaughlin Ridge Property, Port Alberni, B.C., for Western Mines Ltd., Assessment Report 7984.

QUALIFICATIONS

I, Paul William Jones, of P.O. Box 6564 Station "C" Victoria, British Columbia, Hereby certify that:

I am a third year student in a B.Sc. Physics Geology program at the University of Victoria.

I have worked seasonally in mineral exploration for seven years. The last six consecutively.

This report is based on personally working on the DDAM claim group since staking on February 16, 1985.

Paul William Jones
March 1, 1986

QUALIFICATIONS

I, Ron A. Konst, of 1886 West 15th Ave. in the city Vancouver in the province of British Columbia, hereby certify that:

In the year of 1984 I did graduate from the University of British Columbia with a B.Sc. degree in the field of Geological Science.

I have worked seasonally in mineral exploration for two years.

This report is based on personally working on the Ddam claim group since February 16, 1985.

Ron A. Konst

March 1, 1986