

'80-#237-#8025

MR. DAVE WIKLUND  
P O BOX 81,  
BOSWELL, B. C.  
V8B-1A8.

EXPLORATION

NTS 82F - 18E

DIAMOND DRILLING

SANDY CLAIM

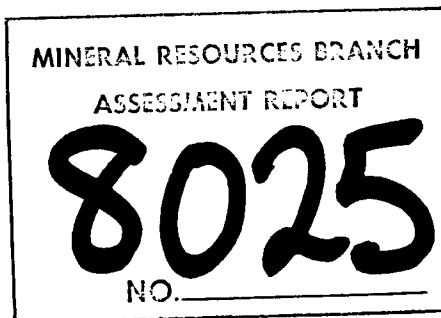
NELSON N. D., B. C.

WORK PERFORMED: JUNE - OCTOBER, 1979.

LATITUDE: 49:32 N LONGITUDE: 116:48 W

LOCATION OF DIAMOND DRILL HOLES

SBD #5	SANDY MINERAL CLAIM
SBD #6	SANDY MINERAL CLAIM
SBD #7	SANDY MINERAL CLAIM
SBD #8	SANDY MINERAL CLAIM



CORE STORAGE:  
MR. DAVE WIKLUND RESIDENCE LOCATED AT PARCEL 2, LOT 889,  
KOOTENAY DISTRICT.

HARRY I. DAVIES

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INTRODUCTION

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THE "DAVE" GROUP OF CLAIMS COVER AN AREA OF ABOUT 6.4 KILOMETRES IN LENGTH, BY 1 KILOMETER IN WIDTH. THEY ARE LOCATED IN THE EAST KOOTENAY AREA ABOUT 12 KILOMETERS EAST OF KOOTENAY LAKE. THEY ARE LOCATED ROUGHLY BETWEEN LA FRANCE CREEK AND THE LOCKHART CREEK AREAS. (SEE INDEX MAP)

ACCESS TO THE CLAIMS IS VIA A LOGGING ROAD UP LA FRANCE CREEK. THIS ROAD TRENDS ALONG THE EAST SIDE OF THE CLAIM BLOCK FROM THE 12 TO 18 KM. POSTS. FURTHER ACCESS TO THE LOCKHART AREA OF THE CLAIM BLOCK CAN BE MADE BY HELICOPTER, AS A LANDING PAD HAS BEEN CONSTRUCTED IN THAT AREA.

THE CLAIMS ARE LOCATED IN A FORESTED MOUNTAIN AREA, ON CROWN LANDS. A SMALL PORTION, ABOUT 10% HAS BEEN LOGGED RECENTLY.

THE SURFACE ELEVATION RISES FROM 1525 METERS AT THE LA FRANCE CREEK, TO A MAXIMUM OF 2225 METERS ON THE RIDGE SEPARATING THE LA FRANCE AND LOCKHART WATERSHEDS. SOUTH OF THE RIDGE THE SLOPE DIPS 35 TO 45 DEGREES. THE ELEVATION AT THE HELICOPTER PAD IS 1838 METERS AND AT LOCKHART CREEK 1525 METERS.

A NUMBER OF SMALL STREAMS, IN MOST CASES INTERMITTENT, ARE LOCATED ON THE CLAIM BLOCK.

THERE IS VERY LITTLE UNDERBRUSH TO CONTEND WITH.

DESCRIPTION OF CLAIMS:

THE CLAIM BLOCK CONSISTS OF 5 CLAIMS FOR A TOTAL OF 26 UNITS PLUS ONE CLAIM RETAINED UNDER THE TWO POST SYSTEM. THE CLAIMS ARE CONTIGUOUS, AND ARE AS FOLLOWS:

SANDY #1		RECORD #15611
DAVE #1	4 UNITS	RECORD #216
DAVE #2	6 UNITS	RECORD #220
DAVE #3	4 UNITS	RECORD #221
DAVE #4	6 UNITS	RECORD #222
DAVE #5	6 UNITS	RECORD #481

THE ORIGINAL CLAIMS WERE STAKED PROGRESSIVELY SINCE 1972 AND RESTAKED IN 1976 UNDER THE NEW REGULATIONS. THE CLAIMS ARE OWNED AND OPERATED BY MR. DAVE WIKLUND OF BOSWELL, B. C.

THE CLAIMS ARE LOCATED GEOLOGICALLY ALONG THE EROSIONAL EDGE OF THE DUTCH CREEK FORMATION OF LATE

PRE-CAMBRIAN AGE, WHERE IT IS IN CONTACT WITH THE YOUNGER TOBY CONGLOMERATE. INITIAL PROSPECTING REVEALED A BRECCIATED CARBONATE VARYING IN THICKNESS FROM 10 TO ABOUT 100 METERS. THIS BED HAS BEEN TRACED FOR ABOUT 8 KILOMETERS. IT TRENDS NORTH 10 DEGREES EAST AND GENERALLY DIPS STEEPLY TO THE WEST. IT IS OVERLAIN BY AN ARGILLITE. GEOCHEMICAL PROGRAMS CARRIED OUT BETWEEN 1975 - 1978 INDICATED SEVERAL HIGH LEAD-ZINC ANOMALIES. A NUMBER OF VEIN AND BEDDED TYPE MINERAL OCCURRENCES HAVE BEEN LOCATED ALONG THIS TREND.

THE DIAMOND DRILLING PROGRAM WAS INITIATED ON THE SANDY CLAIM TO TEST TWO GEOCHEMICAL ANOMALIES. THIS AREA IS TOTALLY COVERED BY OVERBURDEN. A LARGE NUMBER OF FLOAT BOULDERS EXHIBIT BEDDED MINERALIZATION IN THIS AREA, AND AN ATTEMPT IS BEING MADE TO LOCATE ITS SOURCE BY DRILLING.

SUMMARY OF WORK:

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THE DRILLING PROGRAM WAS CARRIED OUT ENTIRELY ON THE SANDY #1 CLAIM.

THE WORK CONSISTS OF 4 DRILL HOLES FOR A TOTAL OF 98.9 METERS.

ALL HOLES WERE OF RW SIZE.

INTERPRETATIONS:

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HOLES #5 TO #8 WERE DRILLED IN AN AREA WHERE MINERALIZED FLOAT WAS PREVIOUSLY FOUND, AND A GOOD GEOCHEMICAL LEAD AND ZINC ANOMALY WAS MAPPED.

HOLE #6 TOGETHER WITH THE PREVIOUSLY DRILLED HOLES #3 AND #4 WAS USED TO DETERMINE THE STRIKE AND DIP OF THE SEDIMENTS. THE STRIKE WORKED OUT TO BE 235 DEGREES AND THE INDICATED DIP WAS EAST AT 60 DEGREES. THE ABOVE RESULTS INDICATE THAT A FAULT OR TIGHT FOLD EXISTS BETWEEN HOLE #1 AND #2 AND HOLES #3, #4, AND #6.

AS MINERALIZATION IS KNOWN TO EXIST ADJACENT TO THE CARBONATE ARGILLITE CONTACT IN THE AREA, AN ATTEMPT TO PENETRATE THIS CONTACT WAS MADE BY DRILLING HOLES #5, #7, AND #8.

HOLES #5 AND #8 FAILED TO PENETRATE THE CARBONATES AND DRILLED ARGILLITES OR THEIR EQUIVALENT ENTIRELY. HOLE #8 PENETRATED 5.2 METERS OF MICA SCHIST, WHICH IS PROBABLY THE METAMORPHIC EQUIVALENT OF THE ARGILLITES. THE UNDERLYING CARBONATES CONTAINED NO MINERALIZATION OTHER THAN PYRITE.

THE ARGILLITES (HORNFELS) IN HOLE #7 ALSO APPEARS TO BE ALTERED BY METAMORPHISM

A NUMBER OF INTERVALS IN HOLES #6, #7, AND #8 WERE ASSAYED WITH NEGATIVE RESULTS.

CONCLUSIONS.  
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HOLES #5, #6, #7, AND #8 WERE DRILLED IN A WEATHERED OXIDIZED ZONE, WHICH CONTAINED A LARGE NUMBER OF THIN BARITE VEINS WHICH WERE BARREN, AND A NUMBER OF QUARTZ AND CALCITE VEINS, ALSO LACKING ANY SIGN OF MINERALIZATION. NO OXIDES OR SECONDARY METALLIC MINERALIZATION WAS RECOGNIZED. ASSAY RESULTS WERE VERY LOW, WHERE ASSAYED.

AN ANOMALOUS STRUCTURAL CONDITION IS INDICATED, BUT NO ASSOCIATED MINERALIZATION IS EVIDENT.

IT HEREFOR APPEARS THAT FURTHER DRILLING IN THIS AREA IS NOT WARRANTED.

COST STATEMENT  
 (\*\*\*\*\*)

HOLE NO.	DEGREE	OVERBURDEN	METERS DRILLED
SBD #5	-90	1.5	10.6
SBD #6	-45	3.6	29.6
SBD #7	-45	3.6	32.6
SBD #8	-45	3.0	25.9

SUMMARY OF CHARGES

98.9 METERS RW CORE DRILLING AT \$36.00/M	\$3,560.40
MOBILIZATION AND DEMOBILIZATION	300.00
LOGGING CORE AND REPORT PREPARATION	300.00
4 CORE BOXES AT \$4.00 EA.	16.00
ASSAY COSTS	52.50
TOTAL CHARGES	\$4,228.50

STATEMENT OF QUALIFICATIONS

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NAME: HARRY I. DAVIES

ADDRESS: BOX 12, BOSWELL, B. C. V0B-1A0

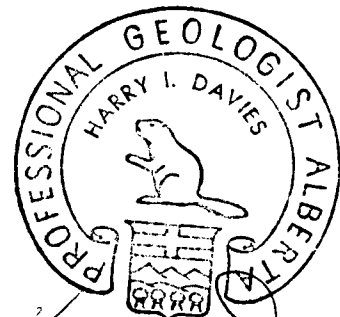
GRADUATE: UNIVERSITY OF MANITOBA, 1950. BSC(H) GEOLOGY.

EMPLOYMENT: THREE SUMMER SEASONS, MANITOBA DEPARTMENT OF  
MINES. FIELD WORK IN PRE CARBIAN.

10 YEARS MOBIL OIL CANADA LTD. INCLUDING 2  
YEARS OF FIELD WORK, STRUCTURAL MAPPING AND  
PLANE TABLE SURVEYS.

19 YEARS CONSULTING PRACTICE, WITH 80% OIL  
EXPLORATION AND 20% MINERAL EXPLORATION.

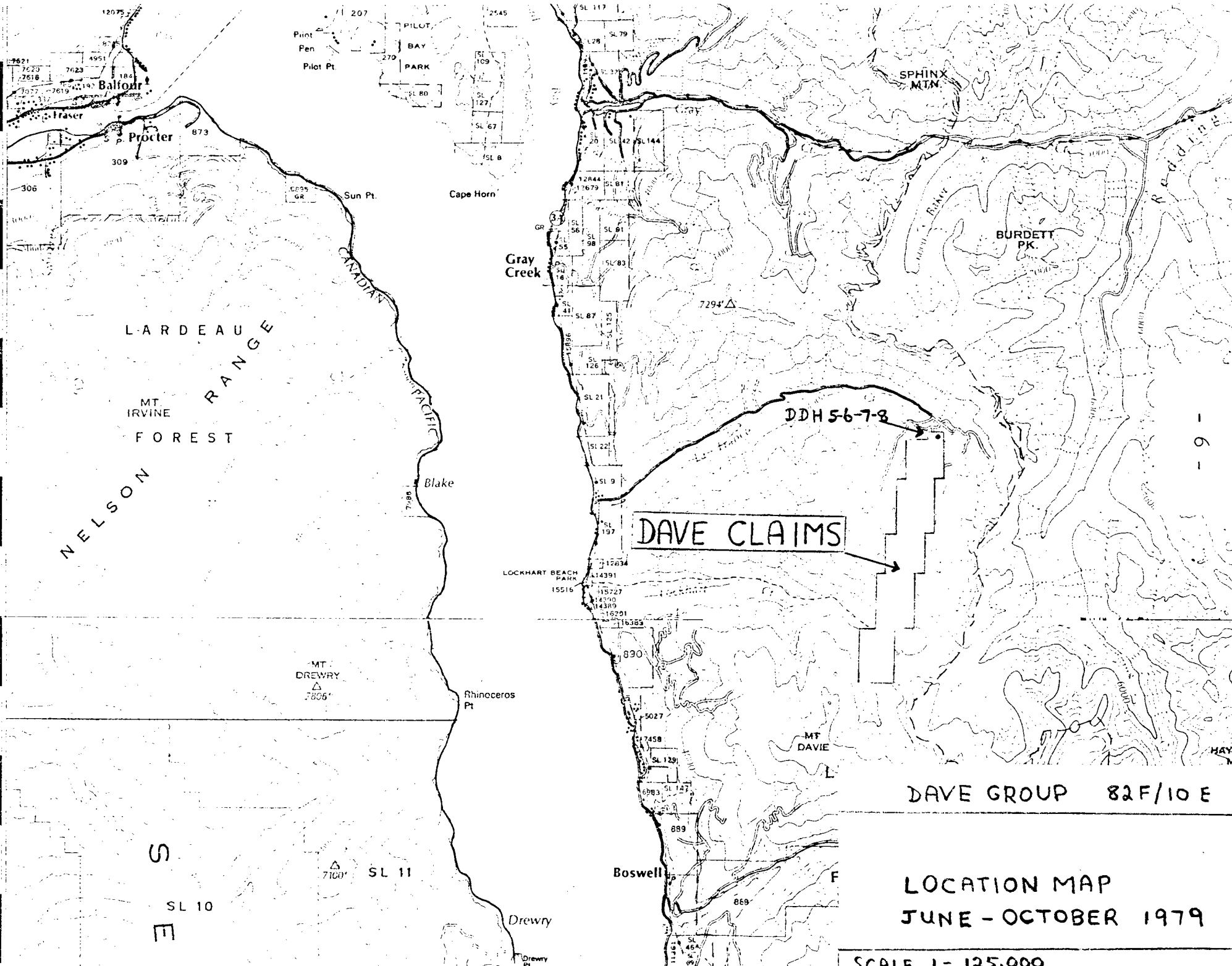
PROFESSIONAL ASSOCIATION: PROFESSIONAL ENGINEERS OF ALTA.  
(GEOLOGIST). 20 YEARS MEMBER.



*Harry I. Davies*

To Nelson - 17 miles

49° 30'



DAVE CLAIMS

DDH 56-7-8

DAVE GROUP 82F/10E

LOCATION MAP  
JUNE - OCTOBER 1979

SCALE 1 - 125,000

LARDEAU  
RANGE

MT. IRVINE  
FOREST

NELSON

Gray  
Creek

Boswell

LOCKHART BEACH  
PARK

BURDETT  
PK.

SPHINX  
MTN.

MT  
DAVIE

Drewry

Procter

Balfour

Sun Pt.

Cape Horn

Blake

Rhinoceros  
Pt

SL 11

SL 10

207

2545

SL 117

7621  
7620  
7618  
7623  
7619

12075

873

306

Pilot  
Pen  
Pilot Pt

PILOT  
BAY  
PARK

SL 109  
SL 127  
SL 67  
SL 8

SL 128  
SL 79

SL 33

SL 42  
SL 144

72844  
12679

SL 56  
SL 98  
SL 81

SL 55  
SL 16

SL 41  
SL 87

SL 126

SL 21

SL 22

SL 9

SL 197

12634

14391

15516

15727

14389

16201

16385

830

5027

7458

SL 129

6883

SL 127

889

869

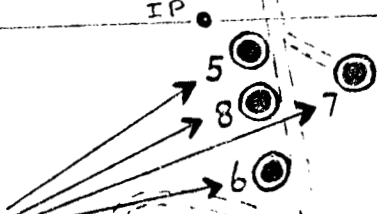
SL 45  
SL 44

1  
9





DDH. NO. SBD



49° 32' 30"

SANDY # 1  
15611

L.C.P.  
DAVE # 1

LA FRANCE  
CREEK

FP

163° 9' 11"

DAVE GROUP 82F/10E

DIAMOND DRILLING

JUNE - OCTOBER 1979

SCALE 1" = 300' | DATE MAY 1980

SCALE 1CM = 35M

DAVE # 1

216

# Diamond Drill Record

Mr D Wiklund  
P.O. Box 81  
Boswell, B.C.

Hole No.	S BD #5	Sheet			
Property	Sandy Claim	Length	10.6 m.	Lat.	Total Recovery % 30
District	Nelson	Bearing		Dep.	Logged by H.I. Davies
Commenced	June 24/79	Dip	90 degrees	Elev.	Date Logged April 20/80
Completed	June 24/79	Objective	test a geochem anomaly		Location NE corner of claim

Core size RW

Meters		Description	Sample No.	Length Meter	Analysis oz./ton
From	To				
0	1.5	Overburden, cased.			
1.5	10.6	Argillite, dark grey, contorted wavy bedding, with sericite along the bedding, abundant pyrite occurring along micro fractures and also disseminated. Apparent dip varies from horizontal to 45 degrees.  5.2 - 10.6 Argillite becomes silicious.  10.6 end of hole.			

# Diamond Drill Record

Mr D Wiklund  
P.O. Box 81  
Boswell, B.C.

Hole No. SBD #6	Sheet		
Property Sandy Claim	Length 29.8	Lat.	Total Recovery % 38
District Nelson	Bearing 315 degrees	Dep.	Logged by H. I. Davies
Commenced 25 June, 1979	Dip 45 degrees	Elev.	Date Logged 20 April, 1980
Completed 26 June, 1979	Objective Test a geochem anomaly		Location NE corner of claim

Core Size RW

Meters		Description	Sample No.	Length	Analysis
From	To				
0.0	3.6	Overburden, cased.			
3.6	5.2	Mica Schist, silicious, carbonaceous material elongated along schistosity, minor very thin silty beds, minor pyrite content.			
5.2	6.0	Limestone brown to reddish brown, earthy, abundant micro fractures, infilled with limonite, abundant pyrite, weathered in part, odd scattered quartz inclusions.			
6.0	7.6	Limestone as above, with scattered thin 1 - 2cm. barite stringers, white coarse crystalline. Interval contains fair amount of fresh pyrite. 6.4m one 25cm. barite stringer.			
7.6	9.1	Dolomite white, micro crystalline. Interval contains abundant white, coarse crystalline barite, approximately 25% barite. Abundant pyrite, odd very thin limestone stringer.			
9.1	10.0	Limestone brown to reddish brown, earthy, sericitic, large pyrite crystals, limonite, very few thin barite stringers.			
10.0	12.8	Limestone as above, light brown to white, clastic, slightly argillaceous, limonite stained patches, abundant scattered micas, odd secondary calcite stringers.			
12.8	14.0	Dolomite, light grey to white, crypto to micro crystalline, abundant sericite, appears silty, minor pyrite, apparent bedding 60 degrees.			

# Diamond Drill Record

Mr D Wiklund  
P.O. Box 81  
Boswell, B.C.

Hole No. SBD #6 cont'd.	Sheet		
Property	Length	Lat.	Total Recovery %
District	Bearing	Dep.	Logged by
Commenced	Dip	Elev.	Date Logged
Completed	Objective		Location

Meters		Description	Sample No.	Length Meters	Analysis	
From	To				Ag oz.	Au ton
14.0	14.3	Mica schist, vuggy, pyritic.				
14.3	15.8	Limestone brown, limonitic, earthy, silty, micaceous, scattered barite, white coarse crystalline.				
15.8	18.9	Dolomite, light brown to white, micro crystalline, few calcite, trace barite stringers, abundant sericite, odd large pyrite cube. apparent bedding 60 degrees.				
18.9	20.7	Limestone light brown, limonitic, earthy, thin beds of white, calcite, few dolomite patches white, light yellow tint, slightly brecciated, abundant pyrite, odd thin quartz stringer.				
20.7	21.9	Dolomite white, micro crystalline, sucrose texture, fair amount of micro fractures infilled with quartz, fair amount of sericite and pyrite.				
21.9	23.4	Limestone, brown to light brown, limonitic in part, fair amount of quartz and calcite veinlets.				
23.4	24.0	Dolomite, light brown, micro crystalline, sucrose texture silty, odd barite and calcite veinlets.				
5.2	24.0	.....	S4	18.8	.03	.003
24.0	26.5	Limestone breccia, light brown, earthy, with dolomite fragments, white with yellow tint, micro crystalline. Limestone matrix exhibit vuggy porosity.	S5	2.5	.01	.003
26.5	29.8	Dolomite white, micro crystalline, sucrose, silty, scattered limonite patches, odd scattered barite stringers,				

# Diamond Drill Record

Mr D Wiklund  
P.O. Box 81  
Eoswell, B.C.

Hole No. SBD #6 cont'd.	Sheet		
Property	Length	Lat.	Total Recovery %
District	Bearing	Dep.	Logged by
Commenced	Dip	Elev.	Date Logged
Completed	Objective		Location

Meters		Description	Sample No.	Length Meters	Analysis
From	To				
		large pyrite cubes.			
	26.8 - 29.2	Dolomite as above, scattered limonite, no barite.			
	29.2 - 29.8	Dolomite as above, limonitic, calcareous, odd barite stringer.			
	29.8	End of hole.			

*WD*

# Diamond Drill Record

Mr D Wiklund  
P.O. Box 81  
Boswell, B.C.

Hole No.	SBD #7	Sheet			
Property	Sandy Claim	Length	32.6	Lat.	Total Recovery % 46
District	Nelson	Bearing	245 degrees	Dep.	Logged by H. I. Davies
Commenced	July 20/79	Dip	45 degrees	Elev.	Date Logged April 22/80
Completed	July 21/79	Objective	Test geochemical anomaly		Location NE Corner of Claim
	Core Size RW				

Meters		Description	Sample No.	Length Meters	Analysis	
From	To				Ag	Au
0.0	3.6	Overburden, cased.				oz./ton
3.6	6.0	Shale grey, (hornfel) speckled with graphite and andalusite ? micaceous, schisty.				
6.0	6.3	Shale grey, dolomitic, faint carbonaceous specks, abundant fresh pyrite, slightly gneissic.				
6.3	9.4	Shale grey speckled (hornfel) schistose, abundant micro fractures, silicious, odd scattered pyrite.				
9.4	11.4	Quartz vein, white amorphous.				
11.4	25.3	Shale grey silicious, schistose, graphite specks, wavy contorted horizontal bedding, odd quartz stringer, abundant scattered pyrite.				
		20.4 - 25.3 Shale as above, abundant micro fractures, abundant pyrite, fair amount of quartz stringers.				
25.3	25.6	Recemented dolomite fragments with quartz (breccia), abundant pyrite.				
25.6	30.8	Shale grey silicious, schistose, with dolomite fragments, quartz veinlets and pyrite in veinlets.				
		28.6 - 30.8 Shale as above, becoming dense, dolomitic, with pyrite clusters and vugs. Thin quartz vein at 29.5m.				

# Diamond Drill Record

Mr D Wiklund  
P.O. Box 81  
Boswell, B.C.

Hole No. SBD #7 cont'd.	Sheet		
Property	Length	Lat.	Total Recovery %
District	Bearing	Dep.	Logged by
Commenced	Dip	Elev.	Date Logged
Completed	Objective		Location

Meters		Description	Sample No.	Length Meters	Analysis	
From	To				Ag	Au
30.8	30.9	Thin quartz vein, white crypto crystalline, pyritic.				oz./ton
20.4	30.9	.....	S3	10.5	.01	.003
30.9	32.6	Shale grey, micaceous, schistose.				
		31.0 - 32.6 Shale as above, becoming very limy, brown, limonitic, pyritic.				
		32.6 end of hole.				

*Handwritten signature*

# Diamond Drill Record

Mr D Wiklund  
P.O. Box 81  
Boswell, B.C.

Hole No.	SBD #8	Sheet			
Property	Sandy Claim	Length	25.9	Lat.	Total Recovery % 39
District	Nelson	Bearing	245 degrees	Dep.	Logged by H.I.Davies
Commenced	Oct. 5/79	Dip	45 degrees	Elv.	Date Logged April 23/80
Completed	Oct. 6/79	Objective	Test Geochem Anomaly.		Location NE corner of claim.

Core Size RW

Meters		Description	Sample No.	Length Meters	Analysis	
From	To				Ag	Au
0.0	3.0	Overburden, cased.			oz./ton	
3.0	8.2	Mica Schist, trace silt, minor pyrite bands and inclusions.	S1	5.2	.01	.003
8.2	11.9	Carbonates, micro crystalline, earthy, limonitic, abundant weathered pyrites, abundant barite veining, white coarse crystalline, about 50% barite.				
		11.2 - 11.9 Limestone brown, limonitic, odd barite vein at top of interval, few micro fractures infilled with calcite, odd pyrite cube.				
11.9	13.7	Dolomite light brown, light yellow tint, micro crystalline, sucrose, abundant weathered pyrite, few micro fractures.				
		12.2 - 13.7 Dolomite as above, becoming brecciated with limestone matrix, odd barite vein below 12.8m.				
13.7	14.0	Limestone brown, limonitic, earthy, abundant pyrite, scattered barite veinlet and patches.				
14.0	17.6	Dolomite light brown, micro crystalline, sucrose, limonitic, with scattered barite veinlet and scattered pyrite.				
		16.1 - 17.6 Dolomite as above, becoming schistose with abundant micas and pyrite.				
17.6	19.8	Limestone, reddish brown, earthy, fair barite content, abundant pyrite, few scattered vugs.				
19.8	20.1	Dolomite, dark brown, very limonitic, micro crystalline, sucrose, abundant micas, minor 1 cm barite veins.				



# Diamond Drill Record

Mr D Wiklund  
P.O. Box 81  
Boswell, B.C.

Hole No. SBD #8 cont'd.	Sheet		
Property	Length	Lat.	Total Recovery %
District	Bearing	Dep.	Logged by
Commenced	Dip	Elev.	Date Logged
Completed	Objective		Location

Meters		Description	Sample No.	Length Meters	Analysis	
From	To				Ag oz./ton	Au oz./ton
20.1	21.3	Limestone - Dolomite breccia, limestone brown, brown limonitic, earthy, with large dolomite crystals (recrystallized) light buff, abundant micro fractures along crystal facies in part infilled with limonite.				
21.3	22.5	Limestone dark brown, limonitic earthy, odd pyrite, abundant barite veins.				
22.5	23.1	Limestone-Dolomite breccia as above, abundant pyrite in matrix.				
23.1	23.7	Limestone dark brown, limonitic, earthy, abundant barite veinlets, core interval is very weathered and vuggy, slightly fragmental.				
23.7	25.9	Limestone-Dolomite breccia as above, with abundant barite, and pyrite, limonitic, becomes schistose towards base of interval.				
8.2	25.9	..... 25.9 End of hole.	S2	17.7	.01	.003