

MR DAVE WIKLUND
PO BOX 81
BOSWELL, B.C.

EXPLORATION

NTS 82F-10

DIAMOND DRILLING

SANDY CLAIM

NELSON M.D., B.C.

Work Performed. May 1979

LATITUDE: 49 32 N LONGITUDE: 116 40 W

LOCATION OF DIAMOND DRILL HOLES

- SBD #1 SANDY MINERAL CLAIM
- SBD #2 SANDY MINERAL CLAIM
- SBD #3 SANDY MINERAL CLAIM
- SBD #4 SANDY MINERAL CLAIM

CORE STORAGE

Mr Dave Wiklund residence located at Parcel 2
Exp Plan 10925I Lot 889, Kootenay District.

7402

Harry I Davies

INTRODUCTION

Location.

The "Dave" group of claims cover an area of about 6.4 Kilometers in length, by 1 kilometer in width. They are located in the East Kootenay area about 12 kilometers East of the Kootenay Lake. They are roughly located between the 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 Kilometer 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 1830 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:

The drilling program was carried out entirely on the Sandy #1 claim. The work consists of 4 drill holes for a total of 136.2 meters. All holes were of RW size.

Interpretations:

Holes #1 and #2 were drilled of the dual purpose to check a previously located geochemical anomaly and to determine the structure and stratigraphy of the buried sediments.

Hole #1 was drilled on a 45 degree dip to the east and hole #2 on a 45 degree dip to the west. These holes indicated an normal sequence of carbonates dipping to the west. A large percentage of the carbonates were brecciated, contained an abundance of iron and was generally weathered. Only a trace of sulphides were noticed, one thin barite bed was drilled in the #2 hole.

Holes #3 and 4 were located about 100 meters east of hole 1 and 2, to locate the source of mineralized float and to determine structure and stratigraphy. Hole #3 was drilled west at 45 degrees, while hole #4 was drilled at the vertical. These holes indicated an anomalous structural position with the beds dipping east at 60 degrees. A large percentage of the carbonates were brecciated, weathered and contained an abundance of iron oxides. Traces of lead and zinc sulphides were noted. Lead carbonates were also suspected in portions of the brecciated core. The source of the mineralized boulders was not found.

Conclusions:

In view of the anomalous structure indicated in the #3 and #4 holes further drilling appears necessary to establish the strike and dip of the sediments in this area.

From previous prospecting it was determined a bedded mineralized carbonate existed adjacent to the argillites on the Dave #3 and #4 claims. In view of this it appears likely that this stratigraphic bed may be the source of the mineralized float. Further drilling to locate this contact is necessary in this area.

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COST STATEMENT

<u>HOLE NO.</u>	<u>DEGREE</u>	<u>OVERBURDEN</u>	<u>FOOTAGE DRILLED</u>
SBD #1	-45	0	62.5 m
SBD #2	-45	0	21.3 m
SBD #3	-45	0.6	26.2 m
SBD #4	-90	0.6	26.2 m
			TOTAL 136.2 m

SUMMARY OF CHARGES

136.2 meters RW Core drilling @ \$36.00/m -----\$4,903.00
Mobilization and Demobilization ----- 400.00
Extra Moves and Set ups, 6 hrs @ 30.00 ----- 180.00
Logging Core and Report preparation ----- 400.00
5 core boxes @ \$3.50 ea.----- 17.50
Site preparation, cat work ----- 450.00
Total Charges -----\$6,350.50

STATEMENT OF QUALIFICATIONS

NAME: HARRY I DAVIES

ADDRESS: 820-14 St S. Cranbrook, B.C..

GRADUATE: University of Manitoba 1950, BSc(H) Geology.

EMPLOYMENT: Three summer seasons, Manitoba Department of Mines
Field work in Pre-Cambrian.

10 years Mobil oil Canada Ltd, including 2 years of field
work, structural mapping and plane table surveys.

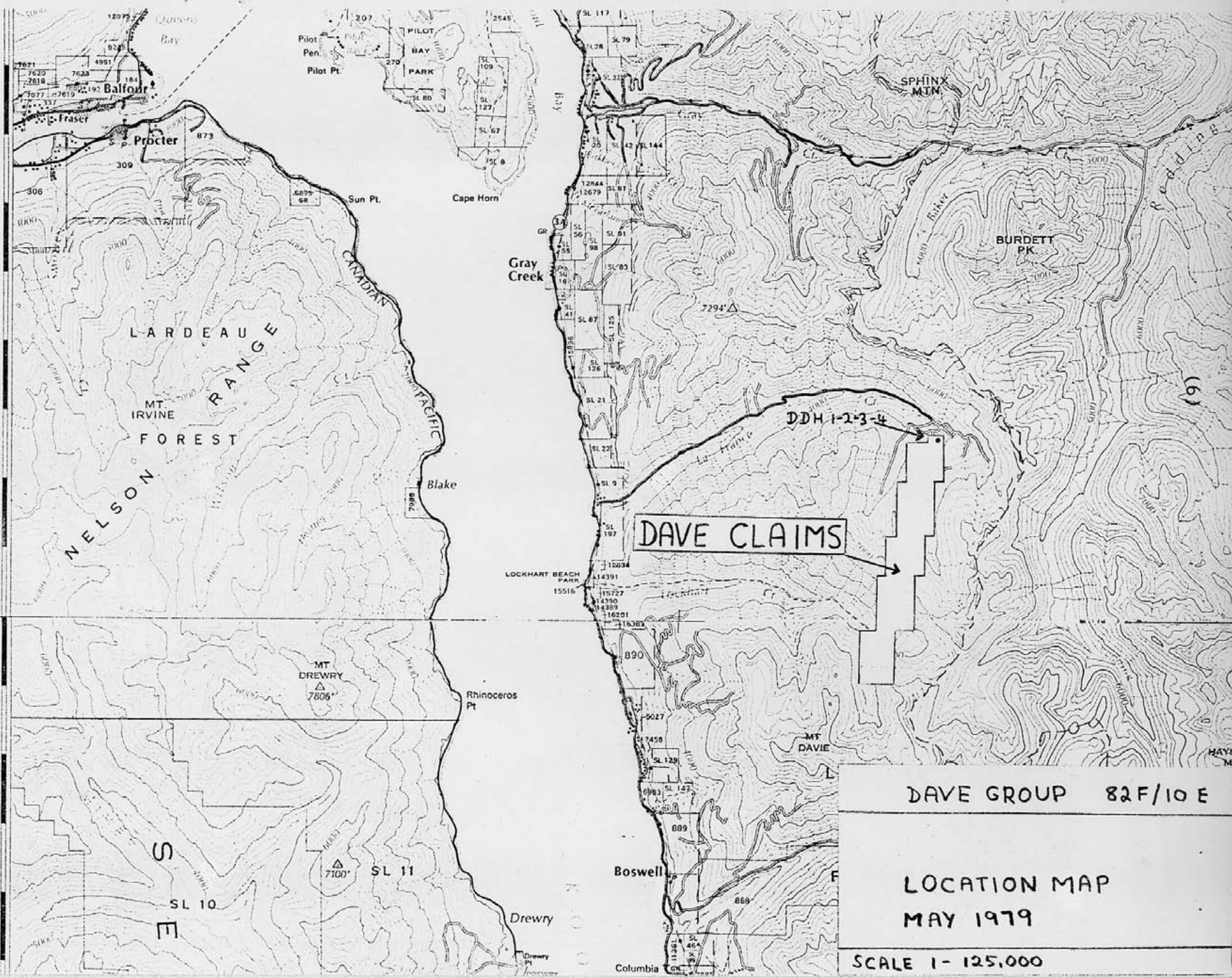
18 years Consulting Practice, with 80% oil exploration
and 20% mineral exploration

PROFESSIONAL ASSOCIATION: Professional Engineers of Alberta (Geologist)
20 years member.



To Nelson - 17 miles

49° 30'



DAVE CLAIMS

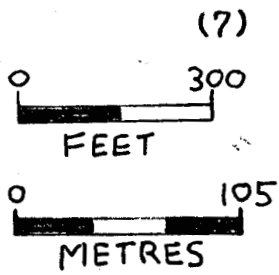
DDH 1-2-3-4

DAVE GROUP 82F/10 E

LOCATION MAP
MAY 1979

SCALE 1-125,000

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DDH. NO. SBD 1 & 2

DDH. NO. SBD 3 & 4

49° 32' 30"

SANDY # 1
15611

L.C.P.
DAVE # 1

LA FRANCE
CREEK

193° 9' 11"

IP

FP

7402

DAVE GROUP 82F/10E

DIAMOND DRILLING
MAY 1979

SCALE 1" = 300' | DATE MAY 1979

SCALE 1CM = 35M

DAVE # 1

216

Diamond Drill Record (8)

Mr D Wiklund
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Boswell, B.C.

Hole No. SBD-#1	Sheet	Ver. Comp.
Property Sandy Claim	Length 62.5 m	Total Recovery % 31
District Nelson	Bearing 100 degrees	Logged by H I Davies
Commenced May 15	Dip - 45 degrees	Date Logged May 29th 1979
Completed May 17	Objective Geochemical anomaly	Location 190 degrees from SB4 225 degrees from SB3

Core Size - RW

Footage meters		Description	Sample No.	Length Feet	Analysis
From	To				
0	4.5	Limestone brown, pyritic, micaceous, minor thin quartz veins, few interbedded dolomite stringers, schisty, trace galena.			
4.5	9.1	Dolomite grey, micro xtal, scattered pyrite and vugs lined with secondary quartz.			
9.1	9.7	Limestone reddish brown, clastic, abundant pyrite, brecciated and infilled with secondary carbonates.			
9.7	10.9	Dolomite light buff, micro xtal, sucrose, sericite, scattered pyrite and vugs filled with limonite stain, some secondary carbonates.			
10.9	15.8	Intrusive, basic sill, light brown to green, quartz, hornblende biotite, abundant pyrite, calcareous.			
15.8	17	Limestone light buff, clastic, brecciated, large vugs infilled with secondary calcite, some infilling with above sill material.			
17	18.5	Altered basic sill as above.			
18.5	23.7	Limestone breccia, light brown sideritic, infilled with dolomite micro xtal sucrose, light yellow.			
23.7	28.6	No core recovered, no returns, soft, drilled as chalky limestone.			
28.6	50.3	Dolomite light cream, micro xtal, micaceous, silty, scattered pyrite, abundant small vugs and micro fractures, secondary quartz.			
		34.7 - 42.6 Dolomite increasing quartz content.			
		42.6 - 47.2 Dolomite increasing silt and silicious bands, micaceous partings.			
		47.2 - 50.3 Dolomite slightly silty, few pyrites, trace vugs.			
50.3	62.5	Dolomite light brown, micro xtal, sucrose, friable.			

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Diamond Drill Record (9)

Mr D Wiklund
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Hole No. SBD #1 (Cont)	Sheet		Ver. Comp.
Property	Length	Lat.	Total Recovery %
District	Bearing	Dep.	Logged by
Commenced	Dip	Elev.	Date Logged
Completed	Objective		Location

Footage		Description	Sample No.	Length Feet	Analysis	
From	To					
50.3	62.5	(continued)				
		51.8 - 56.4 Dolomite, limonite stained, micaceous, schisty, fair amount of small vugs and veinlets with secondary calcite.				
		56.4 - 60.3 Dolomite silty, very micaceous, schisty, grading to a red dolomitic sandstone..				
		60.3 --62.5 Dolomite light cream, micro xtal, silty, silicious, minor pyrite.				
		62.5 end of hole.				

WJ

Diamond Drill Record (10)

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Hole No. SBD # 2	Sheet	Ver. Comp.
Property Sandy Claim	Length 21.3 m	Total Recovery % 50
District Nelson	Bearing 280 degrees	Logged by H I Davies
Commenced May 18/79	Dip -45 degrees	Date Logged May 29 1979
Completed May 19/79	Objective Test geochemical anomaly	Location 190 degrees from SB4 225 degrees from SB3

Core Size - RW

Footage meters		Description	Sample No.	Length Feet	Analysis
From	To				
0	0.6	Limestone brown, ironstained, limonitic, abundant pyrite, thin veins of barite, coarse xtal, white.			
0.6	6.4	Dolomite white, micro xtal, pyritic, few large vugs infilled with limonite.			
6.4	7.6	Barite white, medium to coarse xtal, slightly pyritic and dolomitic.			
7.6	10.6	Dolomite white, micro xtal, scattered fine pyrite.			
10.6	10.9	Breccia, limestone-dolomite, abundant pyrite, minor micro fractures infilled with secondary carbonates, trace galena.			
10.9	12.5	Dolomite light brown, micro xtal, micaceous, pyritic, limonitic, few thin barite stringers at base of interval.			
12.5	16.4	Breccia, coarse limestone fragments, trace thin quartz stringers containing traces of galena, abundant pyrite and sericite. Open small vugs.			
16.4	18.2	Dolomite light yellow, slightly iron stained, micro xtal, sucrose silicious with micro quartz veins, slightly fragmental, sericite.			
18.2	20.1	Sandstone light brown to deep red, very fine grained, dolomitic fragmental. Chert nodules, micaceous partings.			
20.1	21.3	Quartzite, brown, micaceous, becoming schisty at base of interval.			
	21.3	end of hole.			

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Diamond Drill Record

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Hole No. SBD #3	Sheet	Ver. Comp.
Property Sandy Claim	Length 26.2 m	Total Recovery % 40
District Nelson	Bearing 280 degrees	Logged by H I Davies
Commenced May 22/79	Dip -45 degrees	Date Logged May 30 1979
Completed May 23/79	Objective test a geochemical anomaly	Location SE corner of claim.

Core Size -RW

Footage meters		Description	Sample No.	Length Feet	Analysis	
From	To					
0	0.6	overburden, cased.				
0.6	2.7	Quartz-Carbonate vein, white micro xtal, scattered large vugs and veins infilled with pyrite or limonite, scattered galena.				
2.7	3.0	Mica schist, greenish grey, very pyritic, .				
3.0	7.9	Limestone, clastic, very fine xtal, brown-reddish brown, limonitic very pyritic, few scattered carbonate veins.				
7.9	9.1	Barite white, medium to coarse xtal, mottled with 10% rusty limestone inclusions, fair amount of weathered pyrite.				
9.1	11.8	Limestone rusty, limonitic, minor barite stringers, slightly brecciated, fair amount of mica schist inclusions, and weathered pyrite. 10.6 - 11.8 Limestone light buff, clastic, decreasing limonite and pyrite.				
11.8	16.1	Dolomite white, micro to very fine xtal, abundant sericite, scattered micro fractures. 13.1 - 16.1 Dolomite light brown, iron stained, few areas of brecciation, scattered pyrites.				
16.1	26.2	Limestone, light tan to brown, brecciated to slightly fragmental abundant pyrites, few minor fractures infilled with, secondary carbonates. 18.0 - 20.1 Breccia limestone with dolomite patches, sucrose. 20.1 - 22.8 Limestone as above, abundant pyrites. 22.8 - 26.2 Limestone as above, very micaceous, developing schistosity, grading to a mica schist.				
	26.2	end of hole.				

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Diamond Drill Record

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Mr D Wiklund
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Hole No. SBD #4	Sheet	Ver. Comp.
Property Sandy Claim	Length 26.2 m	Total Recovery % 30
District Nelson	Bearing 210 degrees	Logged by H I Davies
Commenced May 24 /79	Dip 90 degrees	Date Logged May 30 1979
Completed May 26 /79	Objective test a geochemical anomaly	Location SE corner of claim block
Core size RW		

Footage meters		Description	Sample No.	Length Feet	Analysis
From	To				
0	0.6	Overburden, cased			
0.6	2.4	Quartz-Carbonate vein, white, slightly mottled with limonite stain, very fine xtal, scattered fine disseminated pyrites.			
2.4	5.5	Mica schist, light greenish grey, silicious, pyritic.			
5.5	19.4	Limestone, brown limonitic, micro xtal, very pyritic, odd Barite vein, 1 to 2 cm, coarse xtal, odd dolomite vein, micaceous, abundant solution cavities. Bedding cut at 60 degrees.			
		10.9 - 19.4 Limestone, breccia, limestone as above with patches of limestone, very light yellow, micro xtal. Increase in veining with secondary white calcite.			
19.4	21.9	Dolomite light grey, micro xtal, with sericite, scattered pyrite and limonite stain.			
21.9	26.2	Limestone breccia, Limestone brown, limonitic with patches of very light yellow limestone, micro xtal, sucrose.			
		23.1 - 25 Breccia as above fair amount of micaceous schist inclusions, large vugs with limonite infilling.			
		25.0 - 26.2 Limestone as above, slightly brecciated, brown ironstained, micaceous, micro fractures infilled with light grey carbonate.			
		26.2 end of hole			