

DRILL HOLE LOG

OJV - FLUNK CLAIM GROUP

HOLE No. F1

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COORDINATES 60+25N, 60+25E

ELEVATION 3500'

DIP VERTICAL

AZIMUTH

SCALE 1.5" = 10'

CORE SIZE BQ

HOLE STARTED

JULY 26/75

HOLE COMPLETED

AUG 1/75

LOGGED BY W. SCHMIDT

GEOLOGY

FOOTAGE STRUCTURE

TOTAL DEPTH 320'

DESCRIPTION

		BROKEN TALUS OF FLUNK DOLOMITE	
		BEDROCK	
10		BROKEN GROUND	FLUNK DOLOMITE Lef
		MARCASITE	- WHITE, DENSE, CRYSTALLINE DOLOMITE, <2% VUGS
		BROKEN GROUND	MINOR WEATHERING ON FRACTURES, SOME
			PYROLUSITE DENDRITES
		BROKEN GROUND	
20		MARCASITE	
		BROKEN GROUND	
		STYLOLITE	
		MARCASITE ALONG FRACTURE, TRACE OF DISSEMINATED SPHALERITE	
		MARCASITE	
30		MARCASITE, WEATHERED	
		DENDRITIC PYROLUSITE ALONG FRACTURE	
		PINKISH GREY PSEUDOBRECCIA	
40		PINKISH GREY PSEUDOBRECCIA	
		5% VUGS	
		PYROLUSITE ALONG OPEN FRACTURES	
		WEATHERED MARCASITE	
50		TRACE MARCASITE	MEDIUM TO DARK GREY MOTTLED TEXTURE IN PSEUDO BRECCIA
		WEATHERED MARCASITE	LIGHT GREY TO WHITE CRYSTALLINE DOLOMITE
		WEATHERED MARCASITE	
		WEATHERED MARCASITE	

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CORE SIZE BQ
HOLE STARTED JULY 26, 75
HOLE COMPLETED AUG 1, 75
LOGGED BY U. SCHMIDT

GEOLOGY

FOOTAGE	STRUCTURE	DESCRIPTION
60	MARCASITE	FLUNK DOLOMITE CONTINUED
	VUGGY	
	WEATHERED MARCASITE WITH WHITE DOLOMITE 2" WIDE	
	MARCASITE	
	"	
70	WEATHERED MARCASITE	
	"	
	"	
	WEATHERED MARCASITE	WHITE CRYSTALLINE DOLOMITE WITH LESS THAN 5% VUGS, LINED WITH EUHEDRAL DOLOMITE CRYSTALS
80	"	
	MARCASITE	
	5-10% VUGS < 1/4"	
90	MARCASITE	
	MARCASITE	
100	DENDRITIC PYROLUSITE	
	WEATHERED MARCASITE	
110	MARCASITE ALONG FRACTURE	

5% POROSITY
VUGS < 1/4"

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FOOTAGE	STRUCTURE	DESCRIPTION
120	- STYLOLITE	FLUNK DOLOMITE CONTINUED
	- TRACE MARCASITE	WHITE CRYSTALLINE MASSIVE DOLOMITE, WITH 25% POROSITY, VUGS < 1/4"
130	- LIGHT BROWN IRON OXIDE ALONG OPEN FRACTURE	
	- VUGS UP TO 1/2"	
140	- STYLOLITE	
	- MARCASITE WITH SPHALERITE	
	- MARCASITE	
	- MARCASITE	
150	- MARCASITE	
	- " TR. SPHALERITE	
	- Fe OXIDE ALONG OPEN FRACTURE	
160	- BROKEN GROUND	
	- MARCASITE, TR. SPHALERITE	
	- MARCASITE, SPHALERITE	
	- 5% VUGS	LIGHT BROWN COLOURATION OF DOLOMITE DUE TO WEATHERING
		5-10% VUGS
170	- 5% VUGS, MINOR MARCASITE, ALSO DISSEMINATED BROWN SPHALERITE	
	- BROKEN GROUND	GREY TO MOTTLED VUGGY AND DENSE, CRYSTALLINE DOLOMITE
	- MARCASITE, DISS. SPHALERITE	BLEBS OF MARCASITE 1/8"-1/2", DISSEMINATED SPHALERITE
	- BROKEN GROUND	TRACE TO ± 3% SPHALERITE

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FOOTAGE	STRUCTURE	DESCRIPTION
180		15% MARCASITE 1/4-1/2" WITH TRACE TO 10% SPHALERITE FLUNK DOLOMITE CONTINUED MEDIUM GREY TO MOTTLED GREY CRYSTALLINE DOLOMITE 5-10% MARCASITE, TRACE TO 1% DISSEMINATED GREY TO HONEY YELLOW SPHALERITE
190		MARCASITE, TR. GALENA WHITE AND GREY DOLOMITE PSEUDO BRECCIA WITH DISSEMINATED SPHALERITE AND 5% MARCASITE ≈ 1% SPHALERITE ON AVERAGE
200		- STYLOLITE 5% PATCHY MARCASITE, AND ≈ 1% SPHALERITE 1/4-1/2" VUGS 10-15% MARCASITE, TRACE DISS. SPHALERITE - CALCITE IN FRACTURE ≈ 1% DISSEMINATED PATCHY SPHALERITE, TRACE GALENA
210		40-60% MARCASITE, <u>LIMY DOLOMITE Lfld</u> DISS. SPHALERITE THINLY LAMINATED TO WAVY BANDED, DENSE BLACK FRAGMENTAL DOLOMITE TO ARGILLACEOUS DOLOMITE
220		- ROUNDED FRAGMENTS LAMINAE ≈ 80-85° TO CORE AXIS
230		- ANGULAR BRECCIA FRAGMENTS, AND ROUNDED FRAGMENTS - TRACE MARCASITE IN BLEBS

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FOOTAGE	STRUCTURE	DESCRIPTION	
240		LIMY DOLOMITE CONTINUED INFORMATIONAL BRECCIA, ROTATED FRAGMENTS UP TO 1" USUALLY $\frac{1}{4}$ " \rightarrow $\frac{1}{2}$ ", MATRIX IS THINLY LAMINATED BLACK AND GREY - MARCASITE IN CLOSED FRACTURES AND RIMMING FRAGMENTS 10% MARCASITE OVER 1 FT.	
250			
260		LIGHT GREY LAMINATED DOLOMITE OVER 1 FOOT, DARK GREY LAMINATED AND MOTTLED DOLOMITE	
270		LIGHT TO MEDIUM GREY BRECCIATED DOLOMITE LIGHT GREY ANGULAR FRAGMENTS IN DARK GREY MATRIX	
280		WHITE AND GREY VUGGY PSEUDO BRECCIA, VUGS LINED WITH WHITE CRYSTALLINE DOLOMITE GREY THINLY LAMINATED DOLOMITE	
290		GRADATIONAL DARK GREY ONCOLITIC FRAGMENTAL DOLOMITE DARK GREY THINLY LAMINATED DOLOMITE	

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DESCRIPTION

FOOTAGE		DESCRIPTION	REMARKS
300		BROKEN GROUND	LIMY DOLOMITE CONTINUED BLACK ONCOLITIC DOLOMITE, THINLY LAMINATED AND FLOW BANDED MATRIX.
310		GRADATIONAL	BLACK ONCOLITIC LIMESTONE MINOR THIN LAMINATIONS BETWEEN FRAGMENTS FRAGMENTS 1/2 - 3/4" DIAM.
320		END OF HOLE	