HOLE No. F3

DRILL HOLE LOG

OJV FLUNK CLAIM GROUP PAGE 1 OF 8

COORDINATES 65+40N 55+37E
ELEVATION 3620'
DIP -60°
AZIMUTH 315°
SCALE 1.5"=10'

CORE SIZE BQ
HOLE STARTED AUG 7, 75
HOLE COMPLETED AUG 10, 75
LOGGED BY U. SCHMIDT

HOLE DEPTH 428'

FOOTAGE	STRUCTURE	DESCRIPTION	GEOLOGY
0		TALUS FRAGMENTS OF UPPER DOLOMITE	
		BEDROCK	
10		UPPER DOLOMITE mεd4	
	BROKEN GROUND	GREY FINELY CRYSTALLINE DENSE DOLOMITE WITH DISSEMINATED EUHEDRAL PYRITE, UP TO 1/8" DIAMETER, USUALLY OXIDIZED	
		TRACE TO 1% SPHALERITE	
	BROKEN GROUND		
20			
	BROKEN GROUND	BLACK, RED BROWN AND YELLOW OXIDES IN BROKEN GROUND, AFTER MARCASITE	
30		MARCASITE IN FRACTURES	
		2-3% MARCASITE, OXIDIZED OPEN FRACTURES	
40		OXIDIZED FRACTURE ZONE	
	BROKEN GROUND	UP TO 30% WEATHERED MARCASITE	
		UP TO	
	BROKEN GROUND	2-3% MARCASITE	
50		5% MARCASITE	
	BROKEN GROUND		
	BROKEN GROUND	1-2% MARCASITE PARTIALLY FILLING VUGS	
		TR. DISSEMINATED PYRITE	

DRILL HOLE LOG

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

GEOLOGY

FOOTAGE | STRUCTURE | DESCRIPTION

60

- MINOR DISSEMINATED PYRITE
- STYLOLITES

UPPER DOLOMITE CONTINUED
GREY, DENSE, CRYSTALLINE
2% MARCASITE IN BLEBS, WEAKLY OXIDIZED
SPHALERITE ½ – 1%
DENDRITIC PYROLUSITE ON OPEN FRACTURE SURFACES.
< 2% MARCASITE

70

GRADATION INTO GREY MOTTLED DOLOMITE
TRACES OF PYRITE OR MARCASITE

- STYLOLITE

80

- STYLOLITE
- STYLOLITE ≈ 60° TO CORE AXIS

MEDIUM GREY TO DARK GREY DOLOMITE BRECCIA
– VERY DENSE, NO VOIDS, LIGHT GREY ANGULAR FRAGMENTS IN DARK GREY ARGILLACEOUS DOLOMITE MATRIX – SUSPENDED BRECCIA FRAGMENTS

90

FLUNK SHALE Lfs

- LIGHT BROWN WEATHERED ZONES AROUND FRACTURES

DARK GREY DENSE ARGILLACEOUS DOLOMITE

100

THINLY LAMINATED IN PLACES ≈ 40° CORE AXIS

GRADATIONAL COLOUR CHANGE
– GREY GREEN ARGILLACEOUS DOLOMITE
MASSIVE TO FAINTLY LAMINATED

110

120

DRILL HOLE LOG

HOLE No. F3
PAGE 3 OF 8

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

GEOLOGY

FOOTAGE	STRUCTURE	DESCRIPTION
120		FLUNK SHALE CONTINUED
		GREY GREEN ARGILLACEOUS DOLOMITE, VERY FAINT THINLY LAMINATED, ≈ 60° TO CORE AXIS
130		
140	GRADING TO BROWN OXIDIZED COLOUR	
	BROKEN GROUND	FLUNK DOLOMITE Lefd
	OXIDE AFTER MARCASITE	GREY MOTTLED VUGGY DOLOMITE, VOIDS LINED WITH EUHEDRAL DOLOMITE CRYSTALS
		3-4% EMPTY VUGS, MARCASITE ≈1%
150	- TRACE PYRITE	LIGHT GREY TO WHITE CRYSTALLINE DOLOMITE, VOIDS DUE TO DOLOMITIZATION 5% OR LESS
	BROKEN GROUND	½ % MARCASITE
	MARCASITE SPHALERITE	
	-HIGH DENSITY OF FRACTURES	VUGS SLIGHTLY LARGER MARCASITE INCREASES TO 2-3%
160		TRACE TO ½% SPHALERITE IN COARSE BLEBS
	BROKEN GROUND	
		SMALL VUGS UP TO 5% ¼" LINED WITH EUHEDRAL DOLOMITE CRYSTALS
	-MARCASITE	
170		4 TO 5 FRACTURES PER FOOT WITH LIGHT BROWN OXIDE ALONG FRACTURES
		SMALL VUGS UP TO 10%

DRILL HOLE LOG

HOLE No. F3
PAGE 4 OF 8

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

GEOLOGY

FOOTAGE	STRUCTURE	DESCRIPTION
180	-MARCASITE -MARCASITE -MARCASITE -MARCASITE, TRACE GALENA SPHALERITE	FLUNK DOLOMITE CONTINUED LIGHT GREY CRYSTALLINE DOLOMITE WITH VUGS 5% OR LESS, < 1/4" DIAMETER, SULPHIDES OCCUR ALONG FRACTURES
190	HIGH DENSITY OF OPEN FRACTURES -MARCASITE AND TRACE SPHALERITE HIGH DENSITY OF OPEN FRACTURES	VUGS UP TO 5% 5% MARCASITE, AND ≈ 1% FINE GRAINED YELLOW AND GREY SPHALERITE
200	-PYRITE WITH TRACE GREY SPHALERITE -PYRITE, MARCASITE -PYRITE	VUGS UP TO 10% OVER 4 FT. 1/4" DIAMETER, ELONGATE ⊥ CORE AXIS, 1-2% MARCASITE
210	-MARCASITE WITH TRACE SPHALERITE -MARCASITE -PYRITE GALENA SPHALERITE	DENSE LIGHT GREY CRYSTALLINE DOLOMITE WITHOUT VUGS 5-10% MARCASITE IN PATCHES & VEINLETS 1/4" ≈ 2% GREY TO GREY BROWN SPHALERITE
220	MARCASITE, SPHALERITE, GALENA WITH CALCITE GANGUE	4-5% DISSEMINATED SPHALERITE, 1% GALENA IN FRACTURES
230	-STYLOLITE -MARCASITE SPHALERITE CALCITE	2% MARCASITE IN 1/8" VEINLETS, WITH TRACE OF SPHALERITE
240		

DRILL HOLE LOG

HOLE No. F3
PAGE 5 OF 8

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

GEOLOGY

FOOTAGE	STRUCTURE	DESCRIPTION
240	- MARCASITE WITH TRACE SPHALERITE	FLUNK DOLOMITE CONTINUED
	- MARCASITE, SPHALERITE, CALCITE	5-8% MARCASITE IN VEINLETS WITH 1-2% SPHALERITE, NO VUGS
	- STYLOLITE	
250		PSEUDO BRECCIA WITH MARCASITE SPHALERITE, GALENA AND CALCITE, 15-20% MARCASITE, 2-3% SPHALERITE, ½% GALENA
	- DISSEMINATED MARCASITE BLEBS, 2-3% SPHALERITE	
260	- DOLOMITE FILLED FRACTURES	10% MARCASITE, 1-2% SPHALERITE, TR. GALENA
		MOTTLED PSEUDO BRECCIA TEXTURE, WITH BLEBS OF MARCASITE AND SPHALERITE MARCASITE 3-5%, SPHALERITE 1%
270		LIGHT GREY CRYSTALLINE DOLOMITE, 10-20% VUGS DUE TO DOLOMITIZATION, VUGS CONTAIN MARCASITE SPHALERITE, DOLOMITE RHOMBS AND MINOR CALCITE, PSEUDO BRECCIA TEXTURE
	- BROKEN GROUND VUGS UP TO 30%	
280		EUHEDRAL SPHALERITE CRYSTALS ¼" DIAMETER UP TO 5%
	- CALCITE, MARCASITE SPHALERITE	LIGHT GREY DENSE CRYSTALLINE DOLOMITE 5% VUGS, MINOR DISSEMINATED MARCASITE, SPHALERITE
290		GREY MOTTLED PSEUDO BRECCIA - VUGS UP TO 5% LINED WITH WHITE, DOLOMITE CRYSTALS, 10-20% MARCASITE, 5% SPHALERITE

DRILL HOLE LOG

HOLE No. F3
PAGE 6 OF 8

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

GEOLOGY

FOOTAGE	STRUCTURE	DESCRIPTION
300	- STYLOLITES	FLUNK DOLOMITE
	-MARCASITE	DENSE LIGHT GREY CRYSTALLINE DOLOMITE, WITH BLEBS OF MARCASITE UP TO 5% AND TRACE SPHALERITE
	-MARCASITE	
310		2-4% VUGS, 1-2% PYRITE WITH TRACE SPHALERITE
	- MARCASITE	
	- MARCASITE, SPHALERITE	
	-MARCASITE, SPHALERITE	5% VUGS, MINOR MARCASITE, < 1% SPHALERITE
320		
	- SPHALERITE, CALCITE	
	-BLEBS OF MARCASITE	5% DISSEMINATED MARCASITE, 1% SPHALERITE
	-STYLOLITE	VUGS UP TO 10% IN GREY CRYSTALLINE DOLOMITE WITH TRACE AMOUNTS DISSEMINATED SPHALERITE
330		GREY MOTTLED PSEUDO BRECCIA DOLOMITE
		MARCASITE SPHALERITE IN PSEUDO BRECCIA
340	-STYLOLITE	
	-STYLOLITE	
		MARCASITE, SPHALERITE GALENA IN PSEUDO BRECCIA
350		
	-MARCASITE SPHALERITE IN VEINLETS	

DRILL HOLE LOG

HOLE No. F3
PAGE 7 OF 8

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

FOOTAGE | STRUCTURE | DESCRIPTION | GEOLOGY

360
- MARCASITE
TRACE SPHALERITE

≈ 5% COARSE MARCASITE IN BLEBS

LOWER LIMY DOLOMITE Lεld

- MARCASITE
- MARCASITE, SPHALERITE

GREY TO BLACK WAVY LAMINATED FRAGMENTAL LIMY DOLOMITE, LAMINAE ≈ 60° TO 80° CORE AXIS

370
- MARCASITE, SPHALERITE

- MARCASITE

- BROKEN GROUND, MINOR FAULT

380

DARK GREY TO BLACK FRAGMENTAL LIMESTONE
- WAVY LAMINAE AND ONCOLITES

390
- CALCITE IN FRACTURES

GREY TO BLACK FRAGMENTAL LIMY DOLOMITE

CALCITE FRAGMENTS AND IN MATRIX

400

THINLY LAMINATED BLACK DOLOMITE

410

DOLOMITE GETTING LIMIER

CALCITE FRAGMENTS UP TO 5%

DRILL HOLE LOG

HOLE No. F3
PAGE 8 OF 8

COORDINATES
ELEVATION
DIP
AZIMUTH
SCALE

CORE SIZE
HOLE STARTED
HOLE COMPLETED
LOGGED BY

GEOLOGY

FOOTAGE	STRUCTURE	DESCRIPTION
		GREY TO BLACK LIMY DOLOMITE, FRACTURED AND BRECCIATED IN PART
	CALCITE IN FRACTURES	GREY MOTTLED DOLOMITE PSEUDO BRECCIA
		END OF HOLE