

DRILL HOLE LOG

HOLE No. F2
PAGE 1 OF 8

COORDINATES 65 + 40 N, 55 + 40 E
ELEVATION 3620'
DIP VERTICAL
AZIMUTH —
SCALE 1.5" = 10'

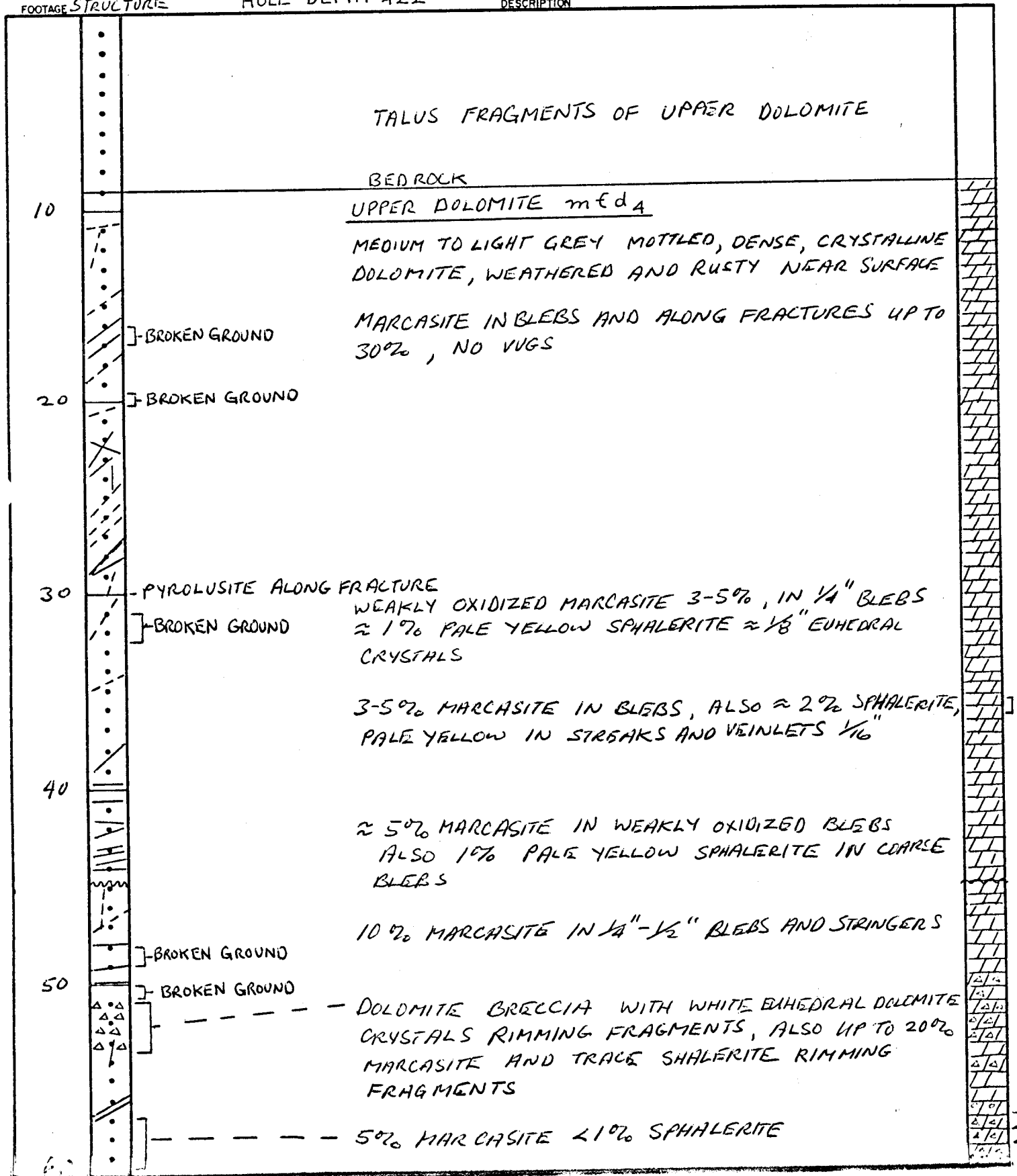
CORE SIZE BQ
HOLE STARTED AUG 4, 75
HOLE COMPLETED AUG 6, 75
LOGGED BY U. SCHMIDT

GEOLOGY

FOOTAGE STRUCTURE

HOLE DEPTH 422'

DESCRIPTION



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PAGE 2 OF 8

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GEOLOGY

FOOTAGE	STRUCTURE	DESCRIPTION
60		<p>UPPER DOLOMITE CONTINUED</p> <p>— PYRITE IN FRACTURES — DISSEMINATED, SPHALERITE AND PYRITE</p> <p>5% MARCASITE, 1% YELLOW SPHALERITE</p> <p>5-10% WEAKLY OXIDIZED MARCASITE IN FRACTURES AND VUGS <1% SPHALERITE</p>
70		<p>10% MARCASITE <1% SPHALERITE</p> <p>— SIDERITE IN CLOSED FRACTURE</p> <p>5-10% MARCASITE, TRACE SPHALERITE</p> <p>DOLOMITE WEATHERED PINK TO RED BROWN WHERE INTENSELY BRECCIATED</p>
80		<p>MOTTLED DOLOMITE PSEUDO BRECCIA</p> <p>PINKISH GREY TONES, TERTIARY DOLOMITIZATION</p> <p><1% SULPHIDES, <5% VOIDS</p>
		<p>MASSIVE PYRITE</p>
90		<p>GREY CRYSTALLINE DOLOMITE TO MOTTLED GREY AND WHITE DOLOMITE PSEUDO BRECCIA</p>
		<p>5% VOIDS</p>
		<p>— STYLOLITE Fe OXIDES</p>
100		<p>— GYPSUM</p> <p>LIGHT AND MEDIUM GREY MOTTLED LIMESTONE BRECCIA</p> <p>ANGULAR PINKISH FRAGMENTS IN A GREY GREEN LIMY MATRIX</p>
		<p>— STYLOLITE</p> <p>GREY MOTTLED CRYSTALLINE DOLOMITE</p>
110		<p>FLUNK SHALE CFS</p> <p>RED BROWN TO PURPLE BROWN SHALE</p>
		<p>— BROKEN GROUND</p> <p>GREY SHALE TO VERY FINE GRAINED SHALY DOLOMITE WITH TRACE DISSEMINATED EUBOEAL PYRITE</p>
		<p>— BROKEN GROUND</p>

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PAGE 3 OF 8

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FOOTAGE	STRUCTURE	DESCRIPTION
120	END OF FLUNK SHALE	GREY SHALE TO SHALY DOLOMITE
	BROKEN GROUND	FLUNK DOLOMITE Lfd GREY MOTTLED CRYSTALLINE DOLOMITE GREY AND LIGHT BROWN SPHALERITE RIM MARCASITE -30% MARCASITE UP TO 1" WIDE BANDS WITH 1/2-1% COARSE GALENA GALENA AND SPHALERITE IN FRACTURES OR VEINLETS UP TO 1/2" WIDE, DENSITY UP TO 10 PER FOOT WELL MINERALIZED DOLOMITE, >5% SPHALERITE 2-5% GALENA MOST OF THE MINERALIZED VOID SPACE IS A PRODUCT OF DOLOMITIZATION
130		
140		10% MARCASITE 2-3% DISSEMINATED SPHALERITE 3-5% MARCASITE IN SMALL BLEBS AND STRINGERS UP TO 1/4" 1-2% SPHALERITE
150	BROKEN GROUND	GREY CRYSTALLINE DOLOMITE CLOSED FRACTURES WITH PYRITE COMMON UP TO 168', PYRITE UP TO 20%, WITH TRACE TO MINOR DISSEMINATED SPHALERITE
160		2-4% VUGS, 1-2% MARCASITE IN STRINGERS AND BLEBS 1/8"-3/4", WITH 1/2% SPHALERITE
170		2% VUGS ≈ 2% MARCASITE GREY MOTTLED DENSE, CRYSTALLINE DOLOMITE MARCASITE AND SPHALERITE FILL DOLOMITIZATION PRODUCED VOIDS, HONEY COLOURED SPHALERITE IS DISSEMINATED 1/8" CRYSTALS -30% MARCASITE

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PAGE 4 OF 8

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180	STYLOLITE - MARCASITE, GALENA	LIGHT GREY MOTTLED DENSE CRYSTALLINE DOLOMITE WITH VUGS UP TO 10% OVER NARROW WIDTHS 5% MARCASITE, 1/2-1% SPHALERITE
	GALENA, MARCASITE, SPHALERITE	TRACE SPHALERITE
190		≈ 5% VUGS WITH TRACE AMOUNTS OF SPHALERITE
	- 1/4"-1/2" MARCASITE VEIN	
200		1% MARCASITE ALONG VEINLETS, ALSO DISSEMINATED SPHALERITE
		3-5% VUGS WITH ≈ 2% MARCASITE WITH GREY SPHALERITE, IN GREY MOTTLED PSEUDO BRECCIA
210		10% MARCASITE WITH GREY SPHALERITE FILLING VOIDS IN PSEUDOBRECCIA
220		5% SMALL VUGS, GREY YELLOW SPHALERITE
	- SPHALERITE, MARCASITE	MEDIUM GREY DENSE MASSIVE DOLOMITE TO SHALY DOLOMITE
230		GREY MOTTLED VUGGY PSEUDOBRECCIA 10-20% VUGS LINED WITH WHITE DOLOMITE CRYSTALS, 10-15% MARCASITE, 5% BROWN AND HONEY COLOURED SPHALERITE
	- STYLOLITE	
	- STYLOLITE	
240		LIGHT GREY CRYSTALLINE VUGGY DOLOMITE 15% VUGS & 30% MARCASITE AND 1% YELLOW BROWN SPHALERITE

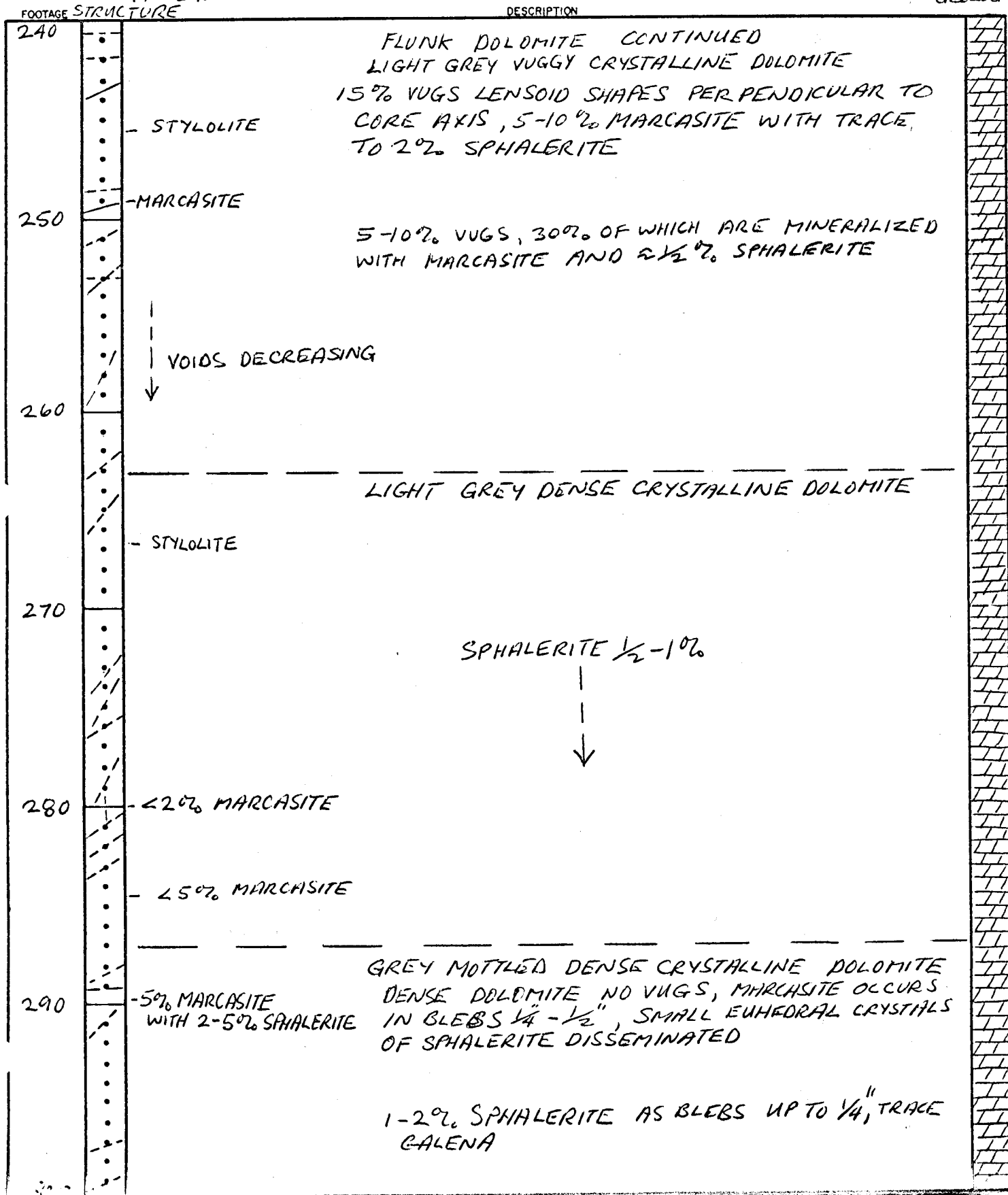
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PAGE 5 OF 8

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GEOLOGY



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PAGE 6 OF 8

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GEL-1

FOOTAGE	STRUCTURE	DESCRIPTION
300		FLUNK DOLOMITE CONTINUED
	- TRACE GALENA - STYLOLITE	10% MARCASITE, 1-2% YELLOW SPHALERITE
310	TRACE GALENA	MARCASITE 15% UP TO 1" ACROSS, DOLOMITE GETTING DARK GREY & SULPHIDE RICH TOWARDS CONTACT
		BLEBS OF MARCASITE AND 4% DISSEMINATED YELLOW SPHALERITE
320		<u>DARK GREY TO BLACK MASSIVE LIMY DOLOMITE</u> (old) WAVY BANDED FRAGMENTAL LIMESTONE, CALCITE IN FRACTURES, MINOR PYRITE IN FRACTURES
330	- PYRITE	ONCOLITES AND LIMY FRAGMENTS IN WAVY BANDED MATRIX PERPENDICULAR TO CORE AXIS
340		ONCOLITES AND ANGULAR LIMY FRAGMENTS
	- WHITE CALCITE IN CLOSED FRACTURES	
350		THINLY LAMINATED LIMESTONE WITH WHITE ANGULAR CLASTS UP TO 1/4"

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PAGE 7 OF 8

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FOOTAGE	STRUCTURE	DESCRIPTION
360		LIMY DOLOMITE CONTINUED
	•	CALCITE IN C.F.
	•	DARK GREY LAMINATED CLASTIC DOLOMITE SAME TEXTURES AS ABOVE BUT NOT LIMY
	•	- CALCITE IN C.F.
370		
	•	< 5% PYRITE NODULES 1/4" DIAMETER
	•	DARK TO MEDIUM GREY PSEUDO BRECCIA MOTTLED TEXTURE, WHITE DOLOMITE SEAMS 1/4" - 1/2"
	•	- TRACE SPHALERITE AND BLEBS AND PYRITE
380		
	•	- 5-10% VUGS, MINOR BLEBS OF MARCASITE, WITH TRACE SPHALERITE ASSOCIATED WITH MARCASITE
	•	1 MARCASITE
	•	1 MARCASITE
390		
	•	INTENSE PSEUDO BRECCIATION, LIGHT TO DARK GREY
	•	- TRACE OF HONEY SPHALERITE
	•	GREY LAMINATED TO CRYSTALLINE DENSE DOLOMITE WEAKLY LIMY WITH ONCOLITES AND ANGULAR FRAGMENTS
400		
	•	- TRACE HONEY SPHALERITE
410		

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PAGE 8 OF 8

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GEOLOGY

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