

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

PROJECT : HATFIELD
 PROSPECT : Mt CHARLEN

HOLE NO: MC-17
 PAGE: 4 of 9
 LOGGED: AMH
 DATE: NOV 1986

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY		ALTERATION	VEINING		MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
			ROCK NAME	DESCRIPTION		TYPE	INTENSITY						
128			MICACEOUS SANDSTONE			"	3						
130													
132													
134													
136			136.5										
138			MICACEOUS SANDSTONE + MICACEOUS SILTSTONE	PREDOMINANTLY MICA. SANDSTONE WITH VERY FINELY (<5MM) INTERBEDDED BLACK MICY? SILTSTONE/MUDSTONE.									
140													
142			142.0	GRANULONIC CONTACT OVER 0.5m.									
144			MICACEOUS SANDSTONE	MAMIVE LT. GR. MIC. SS SOME FINE BANDED SECTIONS.		"	3						
146													
148													
150													
152			152.9										
154			MICACEOUS SILTSTONE	MED. TO THK. GR. MICACEOUS SILT/MUD STONE. PROMINENT SLUMP STRUCTURE.									
156			156.7										
158			MICACEOUS SANDSTONE	AS ABOVE.									
160													
162													
164													
166			166.4										
168			MICACEOUS SILTSTONE/MUDSTONE	BLACK-GREY, PREDOMINANTLY MAMIVE SILTSTONE/MUDSTONE.		"	3						

Location 10 164.51 31/10/86

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DIAMOND DRILL LOG

PROJECT : KATFIELD
 PROSPECT : MT CHARLES

HOLE NO: MC-17
 PAGE: 5 of 7
 LOGGED: AMH
 DATE: Nov 1986

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY		ALTERATION	VEINING		MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
			ROCK NAME	DESCRIPTION		TYPE	INTENSITY						
168.3			MICACEOUS SANDSTONE	AS ABOVE.									
170							3						
172													
174													
176													
178							3						
180													
182													
184													
186													
187.43												187.43 Logging 6-11-86	
188													
190							3						
192													
194													
196													
198													
200													
202													
203.12			BLACK MICACEOUS SILTSTONE	WAVY (SLUMPED?) BEDDING AT 10-20° TO C.A.			3						
204													
204.45			MICACEOUS SANDSTONE	AS ABOVE. OCCASIONAL BANDS OF BLACK MICACEOUS SHALE WITH WAVY BEDDING AT 10-20° TO C.A. USUALLY SOME FRACTURING ON SILTSTONE BANDS.									
206													
208													
210													

(181.4 - 182.3 MASSIVE CHALC./QTZ ZONE)

191.1 - 191.3
 MIC. SILTSTONE 40° C.A.
 (Laminar)

bedding 10-20° C.A.

PK. 379337; 203.8; MIC SET WITHIN
 0-275.8
 MIC. QUARTZ SILTSTONE. INCL.
 UDING CARBONACEOUS MATTER,
 PYRITE AND ROMITE.

ABERFOYLE EXPLORATION

DIAMOND DRILL LOG

PROJECT : HARFIELD

PROSPECT : Mt Charter

HOLE NO: MC-17

PAGE: 7 of 9

LOGGED: BMH

DATE: DEC 1986

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY		ALTERATION		VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
			ROCK NAME	DESCRIPTION	TYPE	INTENSITY							
254			MILACCEOUS SANDSTONE										
256													
260													
262													
264													
266													
268													
270													
272													
274													
276			275-8 RHYOLITE INTRUSIVE	CONCRETE IS NOT SITE OF MAJOR FAULTING - THAT IS WITHIN STRATA. CONCRETE BROKEN (RUBBLE) ON SEDIMENT SIDE BUT THIN SKIN OF SILTSTONE (THE POINT OF CONTACT?) PRESERVED ON STICK OF F.P.A. IS FOLIATED AND IS AT SAME ANGLE TO CA. AS FAULT AND BEDDING. MASSIVE DIRTY-YELLOW-GREEN (I.E. SERICITISED) QZ-PORPHYRIC RHYOLITE	QZ/CREAM CARBON SHARP INTERFEN-VEIN ON CONTACT STRATIG. CONTACT.	275-8 PERVASIVE YELLOW-GREEN SILICA/DIC. PHILITE/SERICITE	SLIGHT INCREASE IN VEIN INTENSITY AROUND FAULT	275-8 SEE OVER	275-8 274-9, 400m; 30° CA. CLEANER, DUCTILE DEPM. + 100m MYLONITE (MT CHARTER FAULT)				
278			279-35										
282				278.6 - 278.8 FRAGMENT OF SILTSTONE (MICACEOUS) WITH A FOLIATION AND ELONGATION AT 20° TO CA - INCLUDED IN RHYOLITE.									
284			FELDSPHAPHYRIC ANDERITE LAVA BRECCIA	DARK GREEN FELDSPHAPHYRIC LAVA. BRECCIA CLASTS AVERAGE 1-2cm AND HAVE DIFFUSE OUTLINES. MATRIX IS WHITE-GREEN.									
286													
288													
290													
292													
294						293.0 PARCIN/PERVASIVE WHITE SILICIFICATION (SIM. TO ANDERITE BELOW SHALE IN PE-15)							

PE. 379338, 258.8, REP. MIC. SS. WITHIN 0-275.8 PROTOQUARTZITE. GRAINS OF QUARTZ, METAPELITE, ALBITE, MUGONITE, CHROMITE, TOURMALINE, ZIRCONS. NOT SURFACE.

NOTE FAULT IS WITHIN SEDIMENTS FAULT // TO BEDDING NO CORE LOSS ACROSS CONTACT.

PE. 379339, 276.5, REP. 275.8-280.0 RHYOLITE; STRONGLY SERICITE CALCITE ALTERED.

NOTE: CHARTER FAULT IS POST-DEVONIAN AS IT CUTS OFF LIMB OF DEVONIAN MT CHARTER SYNCLINE. RHYOLITE INCLUDES FAULT PLANE IS NOT SHEARED AND INCLUDES A FRAGMENT OF SHEARED SILTSTONE. ∴ RHYOLITE IS POST-DEVONIAN

PE. 379340, 290.3, REP. 309.9 LEUCO ANDERITE. SERICITE-ALBITE ALTERED PLASIOCLASE PHENOCRYSTS, CHLORITISED FERROMAG. MICROPHENOCRYSTS, ALBITE-CHLORITE GROUND-MASS.

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PROJECT : HASKFIELD
 PROSPECT : Mc CARTHER

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 DATE : DEC '66

DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY		ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
			ROCK NAME	DESCRIPTION								
296			FELDSPATHIC ANDESITE LAVA. Breccia		" 4 299.0	" 3	RARE SPOTS OF GRANULAR RED-BROWN SPHALERITE. DISSEMINATED THROUGH LAVA. PROMINENT (TO 1/2% VOL) IN EAST 100M AT ANDESITE BAND CONTACT.				PEX. 379341 298.1 REE. 293.0-299.0 LEUCOANDESITE. AS FOR 379340.	
302												
304			Basalt LAVA	CONFIRMABLE CONT- ACT. GRADATIONAL OVER 30M. LIGHT OLIVE GREEN VESICULAR BASALT LAVA. PREDOMINANTLY MASSIVE WITH SOME SECTIONS OF BRECCIA WITH GREY INTERPILLAR TYPE CHERT.	" 3 309.9	" 3	STRONGLY MINERALIZED: - VERY FINE GRAINED RED- BROWN SPHALERITE. A LOW- CENTRIC "COLLOIDAL" TYPE BANDS IN GREY CHERT BRECCIA MATRIX - STARS, STREAKS, CLOUDY DIFFERENTIATION OF RED- BROWN SPHALERITE + RARE LOTS GALENA IN GMAST. - COARSE BLACK SPHALERITE + GALENA + CHALCOPYRITE IN 1-3cm PATCHES IN CALCITE/QUARTZ VEINS			345.0-376.45 PEX. 379342; 312.2; REE. 309.9-340.0 AMYGDALEOID BASALT. 7.0% RED- PYROXENE PHENOCRYST; MUGITE + ALBITE + PLAGIOCLASE GROUND- MASS. TRAILS CHROMITE AND PUMPELLITE. QTZ-CHL-EPIDOTE IN AMYGDALA. NOTE CORE LOSS. INTERVAL NOTE ALL APPROXIMATE FROM HERE TO ESH. NO MAJOR FAULT IN THIS SECTION - CORE HAS BEEN GROUND AWAY. PEX. 379342; 322.7 EXAMPLE OF INTERPILLAR CHERT.		
310												
312												
314												
316												
318												
320		0.8										
322												
324		0										
326		0.9										
328												
330		0.8										
332												
334		0.6										
336		1.0					TRACE SPH GAL CPY MIX. WITH CALCITE/ QTZ. VEINS.					

