


Feature
 Bedding 
 Foliation 
 Fragment size & shape 
 Shearing 
 Fault 
 Vein 
 c carbonate
 q quartz

Mineralization
 Trace 1-5%
 Common 5-15%
 Abundant 15-60%
 Massive > 60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
.8		Core very broken.							
.9		rare streaky v. fine tuffaceous cong. sed.							
2-1		5m c. vein c.A.						53-2	
.4	55							55	
.7		white carb veins to 3m 00? to c.A. very common.						55-8 56-5	Py rare
.4									
.7									
.9	59.0								
1-0	60	Interbedded lt. to dk. grey mudstone and grey dolomite; gen slumped							
		Grey mudstone interval w. interbeds to 10cm of slumped & (rafted) med grey v.f.g. dolomite.							
3-0		Bedding is gen. 35° to c.A.							
		Core is very broken.							
1-1									
1-0	65								
1-2									
1-0									
.4									
.5									
8	70.0	Med. grey to grey green tuffaceous siltstone to f.g. volc. arenite.							
		Bedded to massive tuffaceous sed.							
1-4		Bedding 30° to c.A.							
		Core very broken.							
1-0									
.4	75								

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		Lithology - as above - med. grey to grey green tuffaceous siltstone to f.g. volc. arenite							
	0.4								
	1.8								py rare
	1.0								
	79.8	3m carb vein 25° to c.A.						79.8	
	80							80	
	2.3	Interbedded grey to black shale, grey to grey green f.g. volc. arenite & minor grey dolomite (pyritic)						80.3	100% py 10 v.f.g. bedded
	0.9	Interval of intense s. sed. defn. tuffaceous sed. are dominant. Dolomite occurs in top of intervals & is locally pyritic.							
	0.6	Bedding is gen. 20-35° to c.A.							
	1.2								
	0.6							85	py rare.
	1.2								
	87.1	10 cm c. vein 70° to c.A.						87.1	
	2.0	Lt. grey dolomite w (grey to grey green mudstone interbeds) well bedded carbonate, local mudstone. Bedding 25° to c.A.							
	89.4							90	
	1.2	Lt. grey to lt. grey green mudstone Very well bedded interval of pelitic sed. local s. sed. faulting. Bedding 0-20° to c.A.							
	0.9								
	0.9								
	1.8								
	94.8							95	
	1.1	Interbedded (slumped & rafted) grey mudstone to siltstone, grey dolomite and grey to grey green f.g. volc. arenite Upper 1/2 of interval is extremely deformed w. (intense) carbonate vng → possible tectonic overprint to slumping & rafting? Lower interval is well bedded and less def. Interbedding is on a larger scale ie more coarse.							
	2.0								
	2.6								
	100							100	

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	1.5	Lithology - as above - interbedded mudstones, dolomite & volc. ascrite.							Py rare.
	1.5	Lt. grey green slumped mudstone							
	1.5	Soft sed defn is locally intense. Bedding 0-20° to c.A. Tuffaceous?							
	105 105.3	← GOOD SOLID GROUND BEGINS HERE!						105	
	2.0	5m c. var // c.A						105.7	
	3.0	Red brown (cong., slumped) mudstone w. local grey to grey green mudstone interbeds							
	3.0	Interval of gen. v. finely laminated red brown mudstone w. local interbeds to 1 m. of grey green mudstone of the same character.							
	110	Weak slumping, rafting & s. sed faulting occurs locally.						110	
	3.0	Bedding is at low to mod angles to c.A. (5-25°).							Py rare.
	1.5								
1Q	1.4							115	
1Q	3.0								
	2.9							120	
	3.0								
	125							125	

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		Lithology - as above - Lt. grey brecciated dolomite gen. w. siliceous interfragmental material.							
2.9									
3.0	330	FAULT - Pug 35° to c.A.	F					329.0	Py rare.
								330	
2.7		FAULT? - broken core 70° to c.A.	F					332.1	
	334.0	<u>FAULT ZONE</u> Broken core, pug w. dol. frag., core loss, soln cavities.							
	335							335	
1.2		Graphitic pug common as blebs & as pug containing frag. Apparently 20° to c.A. Rare py veining assoc. w. qtz sid.						336	Py 1-2 veiled & f.g. on slicken sides assoc. w sideritized carbonate veined by qtz.
								337.5	
1.0									Py rare.
	340							340	
.6		From 340.5m fault zone is represented by much core loss only. May be due to cavernous carbonate only.							
	345							345	
1.5									
	346.0	On the lower side of the fault zone the rock becomes more fragmented w. much soln cavities to 350m and the carb frag are (cream in colour and sideritized?) Not coarse grained and next.							
1.3									
	350	Numerous soln. cavities to here →						350	

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2.6		Lithology - lt. grey to cream brecciated dolomite to siderite? gen. w. siliceous interfragmental material.							
2.7	355							355	
2.8	356.7	<u>FAULT ZONE</u> Broken core along fractures at low angle = 15° to c.A.							
	358.5								
	358.9	From 358.9 the rock rapidly becomes extremely silicified until the base of brecciation.							Py rare
3.0	360	SILICIFICATION						360	
2.8	362.9	<u>FAULT ZONE?</u> Broken core w. low angle fractures. 15° to c.A.							
	364.0	lt. grey to pink massive to bedded dolomite							
	365	Brecciation ceases rapidly at 362.8m & grey massive dolomite grades rapidly into a finely bedded carbonate locally pink in colour.						365	
2.5	365.7	<u>FAULT ZONE?</u> Broken core ?° to c.A. May just be breaking up as drilling proceeds.							
	367.5	Bedding is variable from 20-55° to c.A.							
	368.8	<u>FAULT</u> - broken core 5-10° to c.A.						368.4	5cm py ven ?° to c.A.
2.8	369.4	lt. grey bedded mudstone. finely laminated mudstone. So 25° to c.A. conspicuous black flecks??							
	370	Pinkish grey bedded dolomite (slumped) well bedded (slumped) carbonate w. numerous pink jasperoidal concretions?. Bedding gen 30° c.A.						370	
3.0	371.1	Finely interlaminated lt. to dk. grey to black mudstone. Gradational contacts w. units above & below. v. finely laminated w. rare slumping & s.sed faulting. possible bedded py. & py framboids. Bedding 35° to c.A.						371.1	Py 2-3 as v.f.g dissem locally bedded., flecks to blebs & elongate clots // to bedding.
2.8	374.7							374.7	
	375							375	

