

Feature

Bedding
Foliation
Fragment
size & shape



Shearing
Fault
Vein



Mineralization

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

CORE RECD	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
1.3		<u>Brown tailings</u>							
1.0	2.5	<u>cream grey to dk. grey micaceous quartzite</u> <u>fragments & vein quartz fragments</u> Angular to subrounded fragments 1cm to 5cm.							
0	13.2	<u>Lt. grey green sericitic lithic tuff-agglomerate.</u> This is a grey-green rock composed of a high % ($\approx 80\%$) of vesicular lava fragments. These are irregular and angular often elongate and range in size from $<1\text{mm}$ to $>20\text{cm}$ as 1cm. Vesicles are generally filled with sericite, siderite, chlorite or less commonly with qtz. The matrix of the rock is of identical composition - sericite/chlorite, carbonate (siderite?) and qtz? A weak p.o. fabric defined by the inequid fragments and vesicles (flattened) is presumably tectonic. Si on $30-60^\circ$ to c.A.							Py v. rare.
0	2.0								
0	4.0								
0	1.5								
0	0.4								
0	0.5								
0	0.25								
0	0.5								
0	2.9								
	25								

HW
HQ

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2.8	26.7 26.9	<p>FAULT ZONE - Broken core</p> <p>Lithology - as above - Lt. grey green sericitic lithic tuff and fine agglomerate.</p>							
	3.0							30	
	2.6							35	
	3.0							35	
	3.0							40	
	1.8							40	
HQ NQ	.9							45	
	3.0							45	
	3.0							50	
	49.7 50.0	<p>FAULT ZONE - Broken core & plug - 15° to C.A.</p>						50	

Feature

- | | | | |
|-----------------------|--|----------|--|
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- c carbonate
q quartz

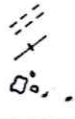
Mineralization

- | | |
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CORE RECD	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
2-1									
.9									
2-0									
1-1	55							55	
3-0									
2-5	60							60	
	60.6	FAULT ZONE Broken core & pug. - zone covers boundary between volcs. & seds.							
1-2	62.85								
	63.5	<u>Interbedded grey f.g. micaceous quartzite and dk. grey siltstones</u> - well bedded to slumped rock. S ₁ /S ₀ - 50° av. to c.A. Interlaminated on scale of few mm's & c.m.'s.							
3-4	65							65	
	65.8	<u>Lt. grey green sericitic lithic tuff.</u> Lacks agglomerate component - description as for → 62.85 m.							
2-0									
	70							70	
		Fault - broken core						70.1	
		Fault - broken core - 45°						70.5	
3-0									
	72.2	<u>Interbedded pyritic siltstone and brecciated lt. grey siltstone</u> - Lt. grey dol. frag. (rounded) & siltstone. and sed. brecc. siltstone. S ₁ /S ₀ - 40-0° to c.A.						72.2	Py 5-10 - v.f.g. syn py. bedded in py siltstone.
	73.35	<u>Lt. grey massive dolomite</u> - weakly veined by carbonate.						73.35	
3-0									
	73.8	<u>Interbedded lt. grey siltstone & grey brown pyritic silt.</u> Interbeds av. 10cm. S ₁ /S ₀ ≈ 25° to c.A.						73.8	Py 10-15 v.f.g. bedded syn. py. in beds av. 10cm. interbedded w. grey siltstone.
	75							75	

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CORE RECD	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
3.0		Fault - broken core At approx. 102m interbedded siltstone & quartzite is replaced by lt. grey siltstone. This is a transitional change.			102.2	
8						
2.0	105				105	
2.7						
	108.4	<u>FAULT ZONE</u> - Broken core & pug.				
	109.0					
		Fault - broken core - c.v.c.			109.5	
	110				110	
3.0		<u>FAULT ZONE</u> - pug & c. heated fault brecc. 450 to c.A.				
	111.05					
	111.3					
3.0						
	114.5					
	115	<u>Interbedded black carbonaceous siltstones and lt. grey fragmented occasionally dolomitic siltstones</u> Boundary is essentially gradational with the above unit. The unit consists essentially of black carbonaceous siltstone - shale ^{which} most often, but not always, contains lt. grey usually slumped & brecciated locally dolomitic siltstones. Fragments, angular to rounded of lt. grey siltstone occur with the deformed beds. These range from 1mm to 3cm. The rock is very similar to the more deformed Q5.			115	
3.0					116.1	
3.0	120				120	
		120.75 - 10cm med. grey mas. dol				
3.0						
		2m sil - 10° to c.A.			122.2	
3.0						
	125				125	

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q quartz

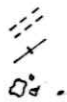
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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
		Lithology - as above -				Trace syn. py. as rounded frag. av. 4mm.
3.0						
	155				155	
3.0						
	159.0	<u>Black carbonaceous siltstone</u> - Interval lacks grey siltstone component. Massive siltstone. Contains ext? syn. py. frag. 1mm to 3mm. av. .4mm. <1%.			160	
	160					
3.0						
	162.9					
		Lithology - as for → 159.0 m. Fault - broken core - 30°			163.4	
2.2						
	165				164.75	
					165	
					165.3	
	166.0					
	166.3	<u>med. grey dolomitic siltstone</u> - weak carb. veining				
2.4		Lithology - as for → 159.0 m. 10cm g/c vein 35° to c.A.			167.4	
	168.2					
	168.6	<u>FAULT ZONE</u> - Broken core				
1.0						
	169.4					
	170.0	<u>FAULT ZONE</u> - Broken core			170	
1.3						
2.0						
					172.3	
					172.7	
	173.1				173.1	
	173.5	<u>FAULT ZONE</u> - Broken core & pug - 50° to c.A?				
1.9						
	175				175	

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





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


CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
2.6	175.35 175.65	<u>FAULT ZONE - broken core</u>				
1.1	179.3 179.6 180	<u>FAULT ZONE - Broken core = Pug</u>			180	
1.2	180.6	<u>FAULT ZONE - Broken core = pug.</u>				
3.1	181.6	Well laminated interbedded lt. grey siltstone and fig. quartzite & dk. grey siltstone - locally contorted. sil/s. av. 45° to c.a. A finely laminated interval (on the mm. scale) of the above rock types. Resembles true QS. lithology.				
3.0	185.0	Interbedded black carbonaceous siltstones & lt. grey fragmented (dolomitic) siltstones Description as for 114.5 - 134.9			185	
2.8	187.3 187.45	<u>FAULT ZONE - Broken core = pug.</u> 2cm g/c Arspy ven.			187.3	Arspy 20% over 2cm g/c vein. Trace py
3.0	190	Fault - pug - 60° to c.a.?			188.95 190	
3.0	195				195	
3.0	198.7 198.9	<u>Siderite, gasp. ven.</u>			198.7 198.9	20cm gas sp. 1, c. vein.
	200				200	

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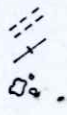
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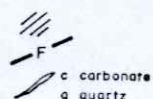
CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
3.0	203.8	Grey dolomitic conglomerate-breccia, massive brecciated dolomite, py. silt, black carbonaceous shale. The above rock types occur in thin alternating units. Massive dolomite is extensively veined. Carbonaceous shale contains syn. py. frag.			205	Py trace syn py frag in carb. shale
3.0	206.15	Interbedded black carbonaceous siltstones & lt. grey fragmented (dolomitic) siltstones. As for 114.5 - 134.9			207.7	Py 2-3 (5) as f.g. diss. > as frag. poss. dol. rep?
3.0	210	1cm py siltstone →			209.6 210	1cm py 30 - v.f.g. syn. py - bedded 20° to c.A.
3.0	211.9	Med. grey mas dolomite - extensive c. Jcs			211.2	Py 3-5 (10) f.g. to c.g. & blebs.
3.0	212.05	Py dol. & dol breccia & basal black carb shale			211.9	Py v. rare
3.0	212.7	Contorted black & lt. grey siltstones - as above.			212.25	212.25-55 - Py 10-15 v.f.g. syn? & text? blebs.
3.0	213.15	Black carbonaceous siltstone - trace syn. py. fragments as prev.			212.55	Py v. rare
3.0	213.95	Contorted black & lt. grey siltstone w. minor dol. frag			213.15	Py < 1 v.f.g. diss. & pyritic frag.
3.0	214.2	lt. grey dolomite - weak early brecciation			213.95	
3.0	214.8	Contorted & broken interbedded black & lt. grey siltstones - as previously			215	
3.0	216.2	Grey brown pyritic siltstone - sil/s 0-20° to c.A.			216.9	Py 20-30 v.f.g. syn. py. bedded minor text? blebs.
3.0	216.9	10cm basal py. dol. 216.9 - 223.8m Black carbonaceous siltstone w. minor sed? deformed lt. grey siltstone. lt. grey siltstone occurs as often elongate fragments onl. 1cm. or as "brecciated" beds				
3.0	218.8	FAULT ZONE Broken core & pug. 30° to c.A.? or v. low? presumably the result of sed. def. Sil/s 0-20° to c.A.			220	Py rare.
2.9	219.2	Trace syn py. frag av. 5cm, usually rounded. Fault zone marks lower boundary.				
1.0	223.15	FAULT ZONE - broken core, c veins, silt. cav. & breccia.			224.8	
1.0	223.8	Well laminated interbedded lt. grey and dk. grey siltstone			225	
	225	Fault? - broken core.				

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1.5		A well laminated interval of interbedded lt. grey to dk. grey siltstone. Av. 1cm for scale of lamination. Trace lt. grey quartzite Fault as basal contact.							
3.0	227.8	S ₁ /S ₀ av. 30° to c.A. - gen constant.							
	228.5	<u>FAULT ZONE</u> - Broken core & pug - 2cm c. vein						228.2	
		1cm c. vein.						229.3	
	230	Fault - broken core - 20°						230	
3.0	231.0	231.0 - Fault - pug, 70° to c.A. 2cm c. vein						230.7	
		1cm c. vein 45° to c.A.						231.0	
	232.3	Black carbonaceous conglomeratic siltstone containing grey rext. dol/frag. lower 40cm may be 1 frag of rext. dol.						231.3	
		Black carbonaceous siltstone with locally deformed & contorted lt. grey siltstone interbeds						233.0	
3.0		Description as previously.							
	235	233.0 1cm c vein 50° c.A.						235	
		15cm qtz-sid vein - 70° to c.A.						235.6	
3.0		S ₁ /S ₀ 45° to c.A.							
3.0	240							240	
3.0									
	245	1cm c. vein 20° to c.A. 1cm c. vein 45° to c.A.						244.0	
		S ₁ /S ₀ - 45° to c.A.						244.2	
3.0								245	
		1cm c vein 45° to c.A.						246.35	
3.0	248.5	<u>FAULT ZONE</u> Broken core						249.0	
	248.8							249.2	
								249.8	
	250	Fault - broken core						250	

