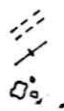


Feature

Bedding
Foliation
Fragment
size & shape



Shearing
Fault
Vein



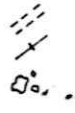
Mineralization

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
0		<p>Dark grey to black shale interbedded with grey f.g. micaceous quartzite beds.</p> <p>Most distinctive feature of the rock is the locally extremely contorted nature which is associated with the fracturing of the quartzite beds.</p> <p>The grey quartzite ranges from thin laminae < 1mm thick to beds > 30cm thick; av .5-1cm. The quartzite also occurs as angular to subrounded fragments, possibly the result of rafting of beds during soft sed. def.</p> <p>Although s.sed. def. may have affected the rock, tectonic folding is present as tight often angular folds.</p> <p>The rock has a well developed layer // fabric (S1/S0) defined by the preferred orientation of f.g. sericite & graphite // to the primary layering. S1/S0 varies considerably in orientation; av. 30° to c.A.</p>				
2.0	5				5	
2.5	10				10	
3.0	13.0				13.0	
	13.2	<u>FAULT ZONE - Broken core & pug</u>				
3.1	15				15	
	16.0	Fault - broken core			16.0	
2.0	17.0	<u>FAULT - fault running // to c.A. - pug on fault plane.</u>				
1.3	20				20	
3.0	20.4	Fault - broken core - broken			20.4	
3.0	25				25	
		Fault - pug - 30° to c.A.				

Feature

Bedding
Foliation
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Shearing
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Vein









c carbonate
q quartz

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
		Lithology - as above.				
3.0						
		28.6 - 1m c. vein.			28.6	
2.6	30				30	29.7 - 5m Py S - F.g. syn py. clasts?
3.0						
	33.65					
	34.0	Lt. grey f.g. quartzite - same lithology as fragolam.				
	34.4					
	35	mid. grey uniform siltstone			35	
	35.45					
	35.7	FAULT ZONE Broken core in several small faults.				
3.0	36.4					
2.7						
	39.8					
	40	FAULT ZONE Broken core and pug			40	
	40.4					
	41.7	FAULT ZONE - Broken core.				
3.0	.1					
	.5					
	42.8	FAULT ZONE - Broken core				
	43.9				43.9	Py vein 1cm. v. early as is def.
3.0	45	FAULT ZONE - Broken core			45	
	45.15					
	45.9					
	46.1	FAULT ZONE - Broken core & pug - 200? to S.A.				
	47.95					
3.0	48.3	mid. grey f.g. quartzite				
	50				50	

Feature

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

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CORE RECD	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
	3.0	Lithology - as above - interbedded black shale and grey f.g. quartzite - locally contorted.							
	51.9	Med. grey siltstone - interval lacks grey quartzite							
	53.4								
	3.0								
	55	54.8 - Fault - broken core						55	
	3.0								
	2.2								
	60							60	
	60.4								
	60.8	<u>FAULT ZONE</u> - Broken core > pug							
	.7								
	3.0								
	65							65	
	3.0								
	70							70	
	3.0								
	73.6	73.6 - Fault - broken core						73.6	
	2.7	74.6 - Fault - broken core - q/c san 2cm						74.6	
	75							75	
									Py 3 - q/c vein 2cm.

Feature

Bedding		Shearing	
Foliation		Fault	
Fragment size & shape		Vein	

c carbonate
q quartz

Mineralization

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Massive	> 60%

CORE RECD	DEPTH m	GEOLOGY	VISUAL LOG	TRACE	COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
		Lithology - as above - black carbonaceous shale w. grey qtzite. Fragments. - contorted							
	3.0							102.9	1m py. 10 c.g. assoc. w. q. vei.
	1.5	104.4 104.7 105 <u>FAULT ZONE</u> - Broken core & pug						105	
	1.3	105.55 105.8 <u>FAULT ZONE</u> - Broken core & pug - Low & to c.A?							
	3.0								
		108.75 109.55 110 <u>Lt. grey f.g. micaceous quartzite</u> - minor thin black shale band. 10m. <u>Dark grey to black locally carbonaceous siltstone and shale</u> with lt. grey micaceous qtzite interbeds and fragments						110	
	3.0								
								115	115.5 - 2cm py 10 - veinlets
	3.0							116.3	1m py 40, c vein
	3.0							119.6 120 120.5 121.15 119.6 - 3cm q/c vein 20° to c.A. 120.5 - 1m q/c vein 25° to c.A. 121.15 - 2cm q/c vein 40° to c.A.	
	2.7	123.6 124.1 125 <u>FAULT ZONE</u> - Broken core & pug at low angle to c.A						125	

Feature

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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
		Lithology - as above - Dk. grey to black siltstone & shale w. thin grey f.g. micaceous quartzite interbeds & fragments - may be locally contorted.				
3.0	152.9				152.9	1cm py 10, c vein
2.0	155.5 155.7 155.9	<u>FAULT ZONE</u> - Broken core & soln cavities			155	
	156.4 156.6	S ₁ /S ₀ - 20° to c.a. <u>FAULT ZONE</u> - Broken core				
1.0	158.0 158.3	<u>FAULT ZONE</u> - Broken core				
	158.9	S ₁ /S ₀ 50° to c.a.				
1.8	159.4	<u>FAULT ZONE</u> - Broken core & pug				
	160	Fault - pug.			159.9 160	
	161	<u>FAULT ZONE</u> - Broken core and pug - core loss.				
1.0						
1.2	164.2				164.15	
	165	q-veins to 164.8			164.6 165	Ry 1-2 - vein (assoc w. qtz veins)
1.3						
	166.45				166.45	5cm py 5, f.g. syn py. bed-raftered
1.3						
1.2						
	170				170	
3.0	170.5				170.5	1cm py vein
3.0	173.2				173.2	5cm py 2 c.g. in qtz vein
	175				175	

Feature

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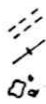
Mineralization

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Massive > 60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
		lithology - as above - dk. gray to black siltstone & shale w. thin gray f.g. quartzite interbeds.				
2.5	177.6	<u>FAULT ZONE</u> - Broken core & pug				
5						
5	180				179.3	50% Pt vein
1.0						
0.25	181.8	<u>FAULT ZONE</u> - Broken core & pug.				
0.35						
0.3	182.9					
1.5	183.7	VT				
2						
	185	Fault - broken core			184.65	
2.6		Lt. grey green sericitic tuff - agglomerate 70-80% of the rock is composed of irregular often elongate vesicular lava fragments between 2mm and 1cm. Fragments are highly sericitic, vesicles being filled with siderite, or dk. green sericite / chlorite. Blebs, ventlets etc of siderite are common. The other component is blocks of grey green ves. lava to 30cm. thick. Cusps => blocks rather than flows.				
0.3						
2.7	189.3	<u>FAULT ZONE</u> - Broken core.				
	189.7					
	190					
3.0	191.4	From 191.4m the volcanics became darker green in colour due to a dramatic increase in chlorite? content.				
		Fault - broken core			193.9	
3.0	195					
3.0	197.95	<u>FAULT ZONE</u> - Broken core.				
	198.25					
	200					

Feature

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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
		226.1 c vein 1cm 15° to c.A. Fault - broken core - 30° c.A.			226.1 226.3 226.7 227.4	
3.0	230				230	
2.1	233.95 234.25 234.75	233.5 - 1cm c vein 10° c.A. Black siltstone - Si/So 35° to c.A.				
3.1	235	Grey green vesicular lava agglomerate in a black siltstone to grey f.g. quartzite matrix. Blocks to 30cm (as 3-5cm) of coarsely vesicular lava in a massive to bedded black siltstone or grey quartzite matrix. Blocks & fragments show excellent cusps.			235 235.8	
6						
2.8	239.4 239.7	239.4 1cm c vein 30° to c.A. 239.7 2cm c vein 40° to c.A.			239.4 239.7 240	
	241.9	241.9 2cm c vein 60° to c.A.			241.9	
3.0	242.5	Med. grey bedded f.g. to m.g. micaceous quartzite Si/So - 5-10° to c.A.				Py as below
		AS Interbedded black siltstone & grey f.g. micaceous quartzite - often contorted and fractured				Py 3-5 veinlets as 2-3mm. unoriented.
	244.25 244.4				244.25 244.4	Py 40 c.g. in sid-gf fault breccia.
2.8	245 245.85	245.25 - 1cm c vein 30° 245.45 - 10cm c vein 30°			245 245.3 245.15	Py 1-2 unoriented veinlets as 2mm 5mm Pt vein
	245.85 246.05	Quartz siderite sulphide rock. Contains agate form open space silica fillings. C.g. cream sid. to 20-30. Fault Breccia?			245.85 246.05	Py 95 - 9/10 vein. 40° to c.A. Py 20-40 (60) c.g. assoc. w. c.g. sid & qtz.
	246.95	Black Siltstone. - contains approx 5% subrounded to rounded siltstone & sym py. Fragments 1mm to 3mm. Si/So? - 35° to c.A.			246.8 246.75	Py 1-2 v.f.g. luss. & py. frag.
3.0	247.9	247.9 - 5cm c vein 60°			247.9	
	249.6					
	250				250	

Feature

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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
.7	250.5	Grey brown pyritic siltstone - w. ≈ 5-10% siltstone clasts to 3mm as 1cm. Silty 20° to c.A.			250.5	Py 15-20 v.f.g. syn. py. in bedded py. silt
	251.0	Lt. grey dolomite - weakly brecciated - diagenetic?			251.0	Py v. rare
2.3		Grey locally pyritic dolomitic siltstone. - Dolomitic interval containing subrounded to rounded siltstone clasts at 5cm (1mm to 3cm). Bedded 30-45° to c.A.			252.6	Py 2-3 v.f.g. syn. py. diss & clasts. tr. vein.
	253.35				252.95	Py 10-15 - v.f.g. syn py diss in py dol.
2.9		Lt. grey weakly brecciated dolomitic siltstone. The interval is distinguished by the early? brecciation of the rock with stylolitic features traversing the rock. Silt is a lge. component of the interval.			255	252.95-263.75 - py v. rare
	255.4	FAULT ZONE - Broken core			255.8	
3.0	256.75	Silicified grey dolomite - pervasive silica flooding assoc. w. minor brecciation				
	257.6	Lt. grey dol. as above.				
3.0		Med. grey massive dolomite - weakly to moderately veined by white sid? veins as 2mm thick. These are unoriented and stock-work in nature.			260	
	260.6	FAULT ZONE - Healed Fault Breccia.			260.6	
1.8		Fault breccia - 60° to c.A.			261.5	
	263.5				263.75	
1.2		Vein of cream grey sid. 30% & grey g/z 30-30-45° c.A. Weakly to extensively silicified dolomite? grading downwards to carbonate rich f.g. tuff			263.75	263.75-273.1 - Py 2-3 v.f.g. diss and thin veinlets.
	265	Silicified grey dolomites appear to grade downwards to weakly silicified more granular often carbonate rich fine grained tuffs? The first definite volcanic material is vesicular fragments at 271.8m.			265	
3.0					270	
	270.3	Silicification decreases. FAULT ZONE - Broken core - shallow A?			270.3	
3.0					271.2	
	273.1	Fault - broke core - // c.A.			273.1	
3.0					273.1	Py 3-5 (v.f.g.) py. diss in carb. rich tuff
	275	Fault - // to c.A. - broken core			275	

Feature

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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
		Lithology - as above - Lt. grey green sericitic locally carbonate rich lithic tuff- agglomerate.				273.1 - 281.4 (approx) Py 2-3 (10) v.f.g. py diss or as v.f.g. rimming (replacing) lithic fragments.
3.0			sid vein		277.1	
		1cm c. vein - 60° C.A.	sid		277.4	
		1cm c. vein - 30° C.A.	sid		277.8	
3.0					278.4	
		10cm c. vein - 40° C.A.	sid		279.35	
	280				280	
		3-1cm c veins 70° to c.A.	sid		281.0	
		Fault - broken core - 40° C.A.	F		281.3	
3.0					281.4	281.4 - 307.4 - py trace (1-2) as v.f.g. py. rimming lithic fragments.
	285				285	
	290				290	
3.0						
	295				295	
		Fault - broken core.	F		293.2	
3.0						
	295				295	
3.0						
	300				300	

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CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON	ABUNDANT	MASSIVE	DEPTH m	MINERALIZATION
		Lithology - as above - Lt. grey green sericitic & carbonate rich lithic tuff-agglomerate.						
	3.0						301.6	
	3.05						305	
	3.0							
	3.07.4	END OF HOLE						
	3.10						3.10	
	3.15						3.15	
	3.20						3.20	
	3.25						3.25	

1cm c. vein // to c.A.