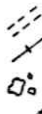


Feature

Bedding
Foliation
Fragment
size & shape



Shearing
Fault
Vein



c carbonate
q quartz

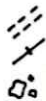
Mineralization

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	
4	1	Lt. grey green bedded mudstone grading locally to lt. grey green f.g. volc. arenite.						5	Py rare	
1	9	Base of interval is arenaceous but grades rapidly to mudstone with bedding ≈ 20° to c.A. Core is very broken.						5		
1-1	5							5		
1-0	6-0							6-0		
1-0	7-0	Dk. grey to black (cong.) shale. complexly slumped & s.sed det. rock. bound to oblate clasts of volc. arenite & mudstone. Bedding fissility? 30° to c.A. in gen. Core very broken.						7-0		Py 1-2 u.f.g. dissem. & rare blebs.
1-2	9-2							9-2		
1-4	10	Green brown volc. arenite. An interval of very weakly bedded buffaceous sed. w. rare frag. of black mudstone to 2cm. 30-40° to c.A.						10		
8	10-2							10-2		
1-2	15	Interbedded slumped and deformed cream f.g. volc. arenite and dk. grey to black shale. Bulk of rock (>60-70%) is volc. arenite rafts, fragments & deformed interbeds of dk. grey to black shale. Bedding is gen. low angle to c.A. 10-30°						15		Py rare but locally to 1-2% as u.f.g. dissem.
8	15							15		
1-0	17-0	↑ YOUNGINA - Slumped lower contact on shale.	17-0							
1-5	17-0	Dk grey to black (pyritic) shale. f.g. to m.g. Py. localized to distinct beds.	17-0	Py 1-2 (5) f.g. to m.g. dissem. & blebs.						
1-2	17-8		17-8							
1-2	20	cream to grey green f.g. volc. arenite w. fragments rafts & interbeds of dk. grey mudstone to shale. A tuffaceous interval showing evidence of s.sed def and current activity. Intraformational breccias common. Bedding is gen. at low angle to C.A. (0-35°).	20							
8	20		20							
2-0	25		25							
4										
1-5										
1-0										

Feature

Bedding
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Shearing
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Mineralization

Trace 1-5%
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Massive > 60%

CORE RECD	DEPTH m	GEOLOGY	VISUAL LOG	TRACE COMMON ABUNDANT MASSIVE	DEPTH m	MINERALIZATION
		FAULT - broken core & pug 25° to c.A.			75.7	
2.5		Lithology - as above - Bedded to massive lt. grey green f.g. volc. arenite w. fragments, rafts & thin & thin (contorted & slumped) interbeds of lt.				Py rare
1.0		FAULT - Pug > broken core. 30° to c.A.			78.5	
	80				80	
3.0		FAULT - Pug 65° to c.A. FAULT - Pug 45° to c.A.			80.3 80.7	
	82.5					
3.0		FAULT ZONE Broken core, pug & c. healed breccia at v. low angle to c.A. (0-10°) Contact between lithology above & below is fault.				
	84.3					
	85	dk. grey to black (tuffaceous) shale w. rafts frag. & very numerous interbeds of lt. grey green solc. arenite.			85	
	85.2					
3.0		c. veins common to FAULT - Broken core 30° to c.A. FAULT - " FAULT - Broken core 30° to c.A.			85.9 86.1 86.7	
	88	Thin wisps and interbeds of tuffaceous sed. are very common. S sed. def, slumping etc locally intense.				
3.0		FAULT - Pug 20° to c.A. FAULT - c. vein & pug 20° to c.A.			88.3 88.5	
	90	Rare py. fragments.				
3.0		FAULT - Pug 20° to c.A.			89.3 90	Py 1-2 (10) vein assoc. w. qtz.
	91.2					3cm py 60 qtz, sid vein 50° to c.A.
	91.9				91.9	Py 40 sid vein w. rock frag. 30° to c.A.
3.0		lt. grey green f.g. volc arenite grading to lt. grey green tuffaceous mudstone grading to dk. grey green tuffaceous shale.			92.3	Py 1 (2-3) vein gen assoc. w. sid.
	93	A tuffaceous interval showing evidence of quiescence with lt. grey green massive to weakly bedded mudstone & sed. activity with the slumped & rafted tuffaceous shales & locally cong. volcanic arenite.			93 93.1 93.3	
1.7		Bedding where present is low to moderate to c.A. 0-30°			95	
	95.6					
1.3		92.8 - 10cm q/c. vein 90° to c.A. Tr py. 93.1 - " " " " " 93.3 - 3 1cm q/c vein + py.			95.6 95.8	1 cm py 80 c.ve. 25° to c.A.
	97					
3.0					97.3 97.7 98.7	2cm cu 25 sid vein 45° to c.A. 2cm py 70 c.vein 45° to c.A. 3cm py 90 c.vein 30° to c.A.
	99				99.1	Py 25-25 f.g. to c.g. & vein stockwork. Assoc. w. sid. Tr. Cass. f.g.
	99.65				99.65	Py 10-15 vein w. qtz, sid & cass. (f.g.).
	100				100.0	

Feature

Bedding		Shearing	
Foliation		Fault	
Fragment size & shape		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
		Lithology - as above - lt. grey green f.g. volc. arenite grading to lt. grey green tuffaceous mudstone grading to dk. grey green tuffaceous shale.			100.9	Py 5 veinlets assoc. w sid gen 15-20° c.A.
3.0					102.0	Py 1-2 veinlets assoc. w. sid 20° c.A.
					102.6	3cm Py 90, qtz, sid vein 25° to c.A.
						25cm Py 90, qtz 1, coarse 10% vein 60° c.A.
						Py rare (veinlet or blebs)
	104.1				104.2	10cm Py 60, sid 39, an 1 vein 55° c.A.
3.0	105	Dk. grey to black (tuffaceous) mudstone. A massive to well bedded (conglomeratic) rock. Rare rounded frag. to 3cm of green tuffaceous sed. Bedding 10-25° to c.A. c veins to 2cm, 20-50° to c.A. are common after 106m.			105	Py 1-2 f.g. diss. and uncommon py-sid veinlets 0-90° to c.A.
	108.8	<u>FAULT ZONE</u> Broken core & pug 35°? to c.A.			108.8	
	109.6				110	Py rare.
	110.2	<u>FAULT ZONE</u> Broken core & pug 25° to c.A.			110	
2.5	111.2	Gen. massive lt. grey green volc. arenite and tuffaceous mudstone. Massive to bedded tuffaceous sediment of varying grain size. Grit to mudstone. Bedding where present 20° to c.A.			111.2	Py 30 veinlets 25° to c.A. (Stunt).
					111.3	Py rare
1.5					114.7	5cm Py 10 c. vein 40° to c.A.
					115	
					115.3	Py 1 as f.g. in qtz veins gen 11 c.A.
					116.0	
3.0	117.5	2cm c. vein 45° c.A.			117.5	
		<u>FAULT</u> - slickensides 0° to c.A. completely interbedded slumped rafted & deformed			118.5	Py rare.
3.0	120	lt. grey green f.g. volc. arenite & dk grey to black (cong.) mudstone to shale. Top 1/2 of interval is dominated by tuff bottom 1/2 by mudstone. A well bedded interval but slumping & rafting assoc. w. the mudstone is common. <u>FAULT</u> - Pug 80° to c.A.			120	
		Bedding gen constant at 35-45° to c.A.			122.5	
2.7					125	
	124.6	<u>FAULT ZONE</u> - Broken core & pug 30°? to c.A			125	

Feature	Bedding		Shearing	
	Foliation		Fault	
	Fragment size B shape		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
		FAULT ZONE - As above.				
1.6	126.4	Lithology - as above.			127.2 127.5	Py rare. 2cm py 90 sid ven 11 c.A. Py 5 f.g. & veinlet 11 c.A. 2cm py 90 sid ven 11 c.A.
3.0	130				128.0 128.3	Py rare
3.0	135	FAULT - Pug 50° to c.A.			131.2 132.1 132.4	5cm py 90 sid ven 30° to c.A. Py 2-3 f.g. & vein assoc. w. sid & qtz. Py 15-17 f.g. diss & aggreg // bedding Py 1-2 veinlet
1.5	136.5	cream to lt. grey green tuffaceous mudstone. Massive tuffaceous sediment. Mottled alteration between cream and green rel. to F.Z.			134.5 134.7 135.05	3cm py 90 c. vein 65° to c.A. Py 10 f.g. to c.g. & veinlet. Py rare
1.0	137.8	FAULT ZONE Broken core pug & py veining 40° to c.A.			136.3 136.4	Py 50 vein assoc. w. sid. 50° c.A.
2.0	139.7				137.7	Py 15 vein (stockwork) & f.g.
2.1	140.9	FAULT - Pug & c vein 30° to c.A. FAULT - ?° to c.A. Broken core.			139.7 140 140.1	10cm py 99 q. vein ?° to c.A. Py 1 veinlet.
1.4	143.0	FAULT ZONE - Pug & breccia 40°? to c.A.			140.8 141.3 142.0	
3.0	143.5	Interbedded dk. grey to black shale & lt. grey siltstone to f.g. quartzite			145	
	145	Extremely well bedded interval of finely interlaminated arenaceous and pelitic rock. on the mm & cm scale. Slumping is present but not common. Rock has a good layer // cleavage. S/s 144 - 50° c.A.			148.0	1cm py 95 c. vein 15° c.A.
	150				150	

