ABERFOYLE **DIAMOND DRILL LOG** **HOLE Nº** G61 Page Nº 1

Feature Bedding, Foliation, Fragment (size & shape), Shearing, Fault, Vein, F, 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
0.0		No core - HW used.							
HW									
HQ									
2.5	5	Lt. to med. grey f.g. micaceous quartzite A gen. massive to weakly bedded ? rock. It contains silty interbeds in the form of lt grey sericitic shale to 10-25cm av. 1-2cm. Cleavage is only poorly developed in the quartzose intervals defined by P.O. of the mica component. In the pelitic bands cleavage is well developed 30-50° to c.A. A strong lineation is often developed. The rock is weakly to extensively veined by a stockwork of white quartz veinlets, best developed in the quartzite component.						5	
2.5	10	The core is very broken and locally puggy to about m this may be due to faulting &/or weathering along joints.						10	
2.8	15							15	
2.3									
	18.8 to								
.4	20	FAULT ZONE ?? Core is extremely broken in this interval which covers the boundary between Q + QS. In the quartzite the core is generally puggy. Zone may represent shearing during deformation between the competent Q and ductile QS.						20	
1.8	25							25	

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DIAMOND DRILL LOG

HOLE Nº G61 Page Nº 2

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
	25·7								
1·2		Black carbonaceous shale containing lt. grey qtzite. fragments and contorted qtz. blebs & veinlets. Black shale matrix w. flattened qtzite clasts & def. qtz. veins?							
	27·5	— — — — — — — — — — — — — —							
1·0		Locally a black shale w. thin lt. grey shale interbeds. Rock is generally very well cleaved S1 from 0 to 45° to c.A. Core is mainly broken.							
3·0	30							30	
		15cm qz. vein 35° to c.A.							
	32·3							32·15	
2·5		Lt. grey f.g. to m.g. (micaceous) quartzite. Lt. grey massive quartzite weakly veined by qtz. veinlets. Very weak cleavage at ≃45° to c.A. Very few shaly bands. Core is locally very broken.							
	35							35	
2·5									
		Fault - pug - 45° c.A.		F				37·9	
2·3									
	40							40	
3·0									
	44·2	— — — — — — — — — — — — — —							
		core is broken & puggy to 45·4m							
	44·8								
2·0	45							45	
	45·4	— — — — — — — — — — — — — —							
		Dk. grey to black carbonaceous shale w. thin grey micaceous quartzite interbeds & fragments (contorted and broken)						45·9	
		Black carb. shale matrix w. (very) contorted grey f.g to m.g. micaceous quartzite beds & frag. Beds of qtzite. are usually fractured and def. prob by a combination of s.sed & tect. def.							
3·0		5cm py vein 60° to c.A.						49·25	5cm py. vein. Py 1-2 veins
		45·9 - 20cm grey f.g. qtzite.							
	50							50	

ABERFOYLE **DIAMOND DRILL LOG** **HOLE Nº** G61 Page Nº 3

Feature Bedding, Foliation, Fragment (size & shape), Shearing, Fault, Vein, F, c carbonate, q quartz

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

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	DEPTH m	MINERALIZATION
3.0		2cm py vein 65° c.A.	Py	50.9	2cm py vein tr. gn.
		1cm py vein 45° c.A	Py	51.1	1cm py vein
		FAULT - pug - 60° or 20° to c.A.	F	52.0	Py 1-2 veins & minor py. clasts. (resp. qtzite frag?)
3.0		core in general is very broken to about 50.0 m. Rock is also mod. to ext. veined by white qtz. veinlets which are also deformed. Cleavage is gen. // to bedding (S_1/S_0) and these are gen. constant around 45° to c.A.		53.8	Py 20 veins.
				54.1	
				55	Py 1-2 (5) veinlets
	55			55.4	Py 15 veins.
				55.6	Py 2-3 veins
1.3				55.9	
HQ / NQ	57.0				
1.0					
		15cm py veins 40° c.A		58.8	Py 60, numerous veins
		2cm py vein 50° c.A.		59.0	2cm py vein
			P	59.4	Py 2-3 veins 3cm py-sid vein
3.0	60			60	
		FAULT? - Pug. ?° to c.A.	F	62.7	Py rare
3.0	65			65	
				67.0	
3.0				67.3	Py 2-3 veinlets
3.0	70			70	Py rare
		FAULT - Pug - 45° to c.A.	F	71.2	
3.0					
3.0				74.5	5cm Py 3-5 veins
	75			75	

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
		Lithology - as above - Q3 - Interbedded Dk. grey to black carbonaceous shale & grey f.g. (micaceous) quartzite, (fractured & contorted).							Py rare
3·0									
		3cm py. vein 45° c.A.						79·6	3cm Py vein
	80							80	
3·0	81·2								
		med grey f.g. micaceous quartzite; ess. thick interbed.							
	81·9								
3·0									
		FAULT - Pug - 45° to c.A.						84·3	5cm Py 40 Py-sid veins
	85							84·55 85	
		Little def, well laminated						85·2	
								85·7	
3·0		Little def, well laminated							
		Little def, well laminated							
3·0	90							89·7 90	
2·1									
3·1	95	FAULT - Pug - 60° to c.A. 20cm FAULT ZONE - 45-60° to c.A.						95 95·4 95·5 95·7	
	97·45	med grey massive siltstone							
3·1	97·85	FAULT - Pug ?° to c.A. FAULT - Pug - 50° to c.A.						98·4 98·8	
	100							100	

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	DEPTH m	MINERALIZATION
3.1		Lithology - as above - QS.			Py rare.
2.9	105.0	FAULT ZONE - Broken core & pug - 60° to c.A.		105	
	105.4	Vein pyrite assoc. w c.g. siderite & silicified shale - fissure?		105.4	Py 20 flecks & vein.
	105.8	FAULT ZONE - Broken core & pug - in black shale & qtzite		105.8	Py rare 106.2 - 2cm py vein 25° to c.A.
	106.2	Dk grey silicified QS w c. siderite & blebs of f. to c.g. pyrite.		106.2	Py 5-7 flecks & veinlets
	106.8	Broken & puggy QS w. flecks & blebs of pyrite		106.8	Py 3-5 f.g to c.g flecks & veinlets
3.0	108.3	Silicified & qtz. veined QS w. f. to c.g. py. blebs		108.3	Py 10 - f.g. to c.g. & veinlets.
	108.8	Interbedded dk. grey to black shale & lt. grey f.g. (micaceous) quartzite - locally contorted & fractured. - QS		108.8	
	110	S_1 / S_0 0-40° to c.A		110	
3.0					Py approx 1 as py ± qtz, sid or sericite veinlets. unoriented.
		FAULT - Rug - 50° to c.A			
		112.2 - 112.25 - sil. healed fault breccia.		112.2	
		FAULT - Broken core - ?° to c.A	F	113.2	
2.2		FAULT - Broken core - ?° to c.A	F	114.0	
	115			115	
3.0	116.65	FAULT ZONE - Pug & broken core - 60° to c.A		116.65	
	116.85	FAULT - Broken core - 60° c.A.	F	117.35	
	117.9	FAULT ZONE ? - Broken core - ?° to c.A.			
	118.4	Fissure Lode? - Stanniite pyrite lode with qtz. healed brecciated lower margin. Strongly pyrite & younger sericite veined QS in less mineralized area of lode.		118.4 / 118.85	Py 20 c.g.) Snt 30-40 as massive aggregates. Py 25-30 flecks, blebs & veins
3.1	119.7			119.7	
	120	Interbedded dk. grey to black shale & lt. grey quartzite (contorted & broken). QS. Description as previously.		120	
			Py	121.3	3cm Py vein 70° c.A.
3.1					
	125			125	

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	DEPTH m	MINERALIZATION
3.1		Lithology - as above - interbedded dk. grey to black shale & lt. grey f.g. qtzite - locally contorted & broken.			
3.1	130	From about 130 m there is an overall decrease in volume of quartzite interbeds; ie the rock is finer grained in general. Contorted & broken f.g. quartzite interbeds still occur but they are gen. thinner and further apart.		130 130.2	
3.1	133.3	130.2 qtz vein mass.			
	134.6	Lt. grey f.g. quartzite - numerous qtz. veins.		(134.1)	
3.1	135		py	134.6 135	1cm py vein 55° to c.A.
3.0					
3.0	140			140	
3.0	145			145	
	145.6	FAULT ZONE? - Broken core	py	145.8	3cm py vein, tr. Cn 45° c.A.
3.0	146.1				
	148.3	Lt. to Dk grey shale - quartzite interbeds and fragments absent.			
	150			149.9 150	3cm py vein 50° to c.A.

Feature Bedding, Foliation, Fragment (size & shape), Shearing, Fault, Vein, F, c carbonate, q quartz

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

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	DEPTH m	MINERALIZATION
3.0		Lithology – as above – lt. grey to dk. grey shale w. rare qtzite interbeds. Rock is QS minus quartzite. Bedding defined locally by vein's in colour of shale. Rock is still locally contorted.	Py	150.15 150.18	Py. 3cm vein – tr Snt. 60° c.A Py 1 cm vein – tr Snt 60° c.A.
3.0		S_1/S_0 – 20 – 45° to c.A.	Py	152.7	1cm Py vein 40° c.A.
3.0	155		Py q Py Py	154.4 154.6 154.9 155 155.2	1 cm Py 40, q vein 30° c.A. 1 cm Py vein. 45° c.A. 2 cm Py vein. 25° c.A. 1 cm Py vein 60° c.A.
3.0					
3.0	160			160	
3.0	161	Typical QS – Dk. grey to black shale w. broken & contorted qtzite interbeds.	Py	163.1	3cm Py 50 – vein. 50° c.A.
3.0	163.7	Dk. grey to black shale w. minor thin lt. grey qtzite interbeds QS w. only small amount of quartzite	Py Py	164.0	1cm Py 50 – vein. 50° c.A.
3.0	165			165	
3.0	168.1	Dk. grey to black shale w. interbedded lt. grey quartzite & quartzite fragments (contorted) QS – description as previously. 168.1 marks dramatic increase in quartzite component. S_1/S_0 70 – 70° to c.A.			
3.0	170		Py q	170 170.6	3cm Py 50, q vein 80° c.A.
3.0			Py	172.4 172.6 172.7 173.5 173.7	Py 1-2 veinlets & pyritic frag. – qtzite? Py 70 c.g. q-sid vein 70° c.A. Py 1-2 veinlets & pyritic qtzite? frag. Py 80 c.g. – vein – 45° c.A.
3.0	175			175	

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	DEPTH m	MINERALIZATION
3.0	180	Lithology - as above - Black to dk. grey shale containing interbeds & fragments of lt. grey f.g. quartzite. - QS		175.55	1 cm Py vein 15° c.A.
				176.1	2 cm Py vein 60° c.A.
				176.2	1 cm Py vein 50° c.A.
				177.0	2 cm Py vein 55° c.A.
				178.05	1 cm Py vein 50° c.A.
3.0				180	
				180.4	1 cm py vein 45° c.A.
3.0					
3.0	185			185.0	1 cm py vein 60° c.A.
				185.3	1 cm py vein 50° c.A.
				185.7	1 cm py vein 50° c.A.
				186.3	1 cm py vein 60° c.A.
3.0					
3.0	190			189.6	Py 5. vein
				189.8	
				190	Py 60 vein, tr. cpy.
					Py 5-7 veins
				190.6	
					Py 1-2 veins
3.0				191.9	
				192.4	2cm py vein 50° c.A.
					Py trace, veins
				194.25	
3.0	195			194.65	Py 7-10 veins assoc. w. qtz.
				195	
		FAULT - sid. healed breccia - 60°?cA	F		Py trace, veins
				195.7	
		1 cm sid vein 10° c.A.		196.4	15cm py 10-15 c vein tr. gn.
		1 cm sid vein 20° c.A.		196.8	
		1 cm sid vein, 20° cA			Py trace, veins
3.0	197.7	Lt. grey f.g. quartzite - Large interbed in QS.		197.7	tr. gn in sid vein.
	198.7	QS - as above			
	199.5	FAULT ZONE & Broken core & pug to 200.7m			
	200			200	

Feature Bedding, Foliation, Fragment (size & shape), Shearing, Fault, Vein, F, c carbonate, q quartz

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

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	DEPTH m	MINERALIZATION
3.0		Lithology - as above - dk. grey to black shale w. fragments & (contorted & broken) interbeds of lt. grey f.g. (micaceous) quartzite - Qs description as previously.			Py trace veins
3.0	205		Py	204.7 205	2cm py vein 40° c.A.
3.0			Py	207.1	1 cm py vein 50° c.A.
			Py	207.8	2 cm py vein 45° c.A.
3.0	210			210	
2.9			Py	212.0	5cm py vein 45° ? c.A.
				214.0	Py 1-5 (10) veins & tr. f.g. py. rep? qtzite.
	214.2	FAULT ZONE ?? - Broken core & pug		214.2	Py 10-15 f.g. & veins
3.0	214.8 215		Py	215 215.2 215.4	Py 2-3 f.g. & vein. Py 50 thick veins. 50° c.A.
					Py 1-2 veins
	217.0				
2.7	218.8	Black carbonaceous conglomeratic shale This lithology is locally developed throughout Qs. Black shale matrix with only sub- to rounded f.g. grey qtzite frag. from <1mm to 10cm (avg)		218.3 218.45	Py vein 15cm 45° c.A.
		FAULT ZONE ?? - Broken core & pug.		219.0 219.2	Py 1-2 veins to 1cm 45° c.A. Py 30 veins
	219.3	clay developed on fracture surfaces.			Py 1-2 veins
	220 220.2			220 220.2	
3.0		219.3 - 226.4 Silicified Interbedded dk. grey to black shale & lt. grey f.g. qtzite. (contorted) & locally conglomeratic Qs - now ext. silicified & veined by py ± qtz ± sid.		221.5 222.7 223.05 223.9	220.2 - 220.7 Py 10-15 (40) as 1) c.g. unoriented py ± sid ± qtz veins & 2) v.f.g. mainly strata bound but 3cm q/Py vein locally crosscutting pyrite bands gen. assoc. w. qtzite. bands. Poss. replaced qtzite? - folded. Py 90, 5at tr. qtz 10 in vein. 45° c.A. 223.05 - 225.3 py 20-30 (60) as 1) c.g. vein & stock work. & 2) v.f.g. dep. py. or rep. of qtzite bands ? 1) >> 2)
2.0	225	223.9 - 4 cm sid. flour. qtz. vein 30° c.A.			

Feature Bedding, Foliation, Fragment (size & shape), Shearing, Fault, Vein, F, c carbonate, q quartz

Mineralization Trace 1–5%, Common 5–15%, Abundant 15–60%, Massive > 60%

CORE REC'D	DEPTH m	GEOLOGY	VISUAL LOG	DEPTH m	MINERALIZATION
	225·3	Lithology · QS as above to 226·4m.		225·3	Py 80–90 c.g. assoc. w. qtz. lge vein.
	225·9	FAULT ZONE - Puggy broken core		225·9	
·6	226·4				
	226·8	Med grey silicified mudstone or siltstone homogeneous siliceous rock cont. ext. pyrite veins & diss.			Py 20–50 (70) c.g. in veins & vein networks.
	227·8				
2·8	228·95	FAULT ZONE - Puggy broken core		228·2	Py 2–5 v.f.g. diss & tr. veinlets
	228·25	Black silicic pyritic mudstone - A very hard (silicified?) variably pyritic mudstone - shale with minor pyrite veining. A generally homogeneous rock.		228·6 228·85	Py 50–60 v.f.g. tr. veinlet. Py 5 v.f.g. diss & minor veinlets
	230			230	
	230·1	Med grey silicified mudstone or chert. - rock consists ess. of ultrafine silica. Contains much diss. & vein pyrite.		230·1	
2·5	231·3	FAULT ZONE - Broken core & pyritic pug - Basal 20cm sid. qtz vein.			Py 20–40 (70) f.g. to c.g. diss & aggregates of c.g. & veins
	232·4			232·2 232·4	Py 10–15 f. to c.g. in sid. vein
·7		Black pyritic silicic conglomeratic mudstone		232·6	Py 20 veins to 1cm assoc. w. qtz.
2·3	235	Rock consists of a homogeneous silicic matrix w. trace v.f.g. diss py. containing pyritic clasts to 3cm. av. <1·5cm. Clasts to 10% are well to subrounded. Bedding is rare - 25° c.A. Very few pyrite veins. Most pyrite clasts appear to be pyritic mudstone some appear to be replaced		235 235·1	Py 2–5 mainly as v.f.g. diss & pyrid clasts (some replaced?) also rare veinlets. Py 10–15 veins 40° c.A. & py. clasts to 3
	235·55			235·55	
3·0	238·2	Pyritic-siliceous feeder? f.g. to c.g. pyrite replacing? lt. grey green fine tuff? in the upper part of the interval & veining minor black pyritic conglomeratic mudstone at the base. Py. is associated w. white to lt. grey chalcedonic silica as veins & blebs. Rock is locally a breccia.		238·2	Py 40–50 f.g. to c.g. rep? fine tuff. & veining minor black mudstone at base.
	238·85	Brown-black pyritic conglomeratic mudstone - well bedded 0–10° to c.A. frag. to 3mm av 1cm. Frag - mst (py)		238·85	Py 5–10 v.f.g. bedded & v.f.g. diss.
	239·15	Replaced quartzite? - f.g. py rep clastic rock		239·15	Py 50 - f.g. diss out from fractures.
	239·85	Blue grey silicic siltstone - massive to bedded So 25° c.A. v. weakly veined by Py.		239·85	Py 2–3 f.g. & vein. tr flourite in veins.
3·0	240	Cream grey well bedded siltstone - So 30° c.A. Pred. well laminated cream sist. w minor thin (av·3cm) dk. brown (Py) mudstone interlaminations.		240	Py rare
	241·05	Dk. grey brown conglomeratic pyritic mudstone Mudstone matrix containing subrounded frag. (≈40%) of rextal. carb. siltstone & py. mudstone frag. <1mm to 25cm. av 2–3cm. Grades downwards to mudstone		241·05	Py. 10–15 (30) v.f.g. (bedded) tr. vein & c.g. dissem.
	242·5			242·5	
3·0		Lt. grey well laminated locally dolomitic siltstone Si/So 50° c.A. Well bedded interval laminated on scale of few m.m's to few cm's. Sed is a weakly carbonated silt.			Py. rare
	243·9	Grey brown pyritic mudstone - well bedded w. trace rext? Py & Cm. So - 30° c.A.		243·9	Py 40–50 V.f.g. bedded tr. rext. Cm & Py.
	244·3			244·3	
3·0	245	Lt. grey massive to bedded weakly rextalized dolomitic siltstone w. minor pyritic dolomite & pyritic mudstone Angle of bedding to c.A. varies from 0° to 30° Rext. of the rock is weak to moderate; gen weak. and appears to be related to carbonate content. Brown pyritic dolomites are also weakly rext. V. weak carbonate veining.		245	Py rare (as veins) except in thin py dol. & mudstones.
				245·8	10 cm Py 10–15 v.f.g. bedded.
				246·1	10 cm Py 10–15 v.f.g. bedded.
				246·5	30 cm Py 10–15 v.f.g. bedded.
					Py rare
	248·5			248·5	
3·0		Grey brown pyritic mudstone - bedded at v. low & to c.A. 0–10°. Matrix gen weakly rext. dolomite.			Py 15–20 v.f.g. bedded.
	249·8			249·8	
	250			250	

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	DEPTH m	MINERALIZATION
		249.8 - 254.95 Grey weakly to extensively recrystallized dolomite & dolomite conglomerate	TRACE / COMMON / ABUNDANT / MASSIVE		Py 1-2 veins & c.g. dissem.
3.0		Bulk of the interval is a lt. grey moderately recrystallized bedded dolomite. So av. 25-30° to c.A. Intervals to 30 cm of recr. dolomitic conglomerate with recr. matrix & fragments occur sporadically		254.0	Py 5-7 v.f.g. bedded & c.g. & veins?
	254.95			254.95	
3.0	255	Lt. grey bedded dolomite So - 0-45° to c.A. Rock is locally - sed. breccia - intraclast w frag.		255	Py rare.
	256.0	FAULT ZONE Upper 20cm c. healed breccia. Lower 30cm			
	256.5	sheared core. 30° to c.A. from <1 mm to 2-3 cm.			
	257.4				
3.0		Lt. grey to dk. grey massive dolomite & minor pyritic mudstone & conglomeratic) Py mudstones are conglomeratic containing dol. fragments to sev. cm's av. 1-2. Dolomite intervals have irregular crosscutting boundaries to the mudstone & may be lge. blocks within a mudstone matrix.		258.9	Py rare
	260			260	Py 3-5 v.f.g. bedded.
3.0	260.75	Grey brown conglomeratic pyritic mudstone Slumped? mudstone containing slumped fragments of dol & siltstone. Locall c. veinlets.		260.75	Py 10-15 v.f.g. bedded.
	262.0	Cream grey coarsely recrystallized ? sideritic ? dolomite recr. c. bed or vein? No relict bedding.		262.0	Py rare
	262.6	Grey brown conglomeratic pyritic mudstone w. minor lt. to dk. grey massive dolomite & py. mudstone		262.6	
3.0		? FAULT - c healed breccia Typical py. cong. mudstone w. lt. to dk. grey dol. & siltstone? fragments to sev. cms av. 1-2. cm's. So/S1 at 0-20° to c.A. Discordant relt's between bedding & mudstone & dol. => slumping of blocks.		263.7	Py 10-15 v.f.g. bedded.
				264.2	Py 50-60 v.f.g. bedded
	265	264.2 - 264.6 m - unusual py mudstone - lighter in colour - poss > in py content than normal.		264.6	Py 10-15 v.f.g. bedded
	265.7			265	
	265.9	Lt. grey massive (brecciated) dolomite w. minor grey brown py. dolomite & py. mudstone (conglom.)		265.7	Py 30 v.f.g bedded.
3.0		Bulk. of the interval is lt. grey dolomite which is locally conglomeratic & which has been veined & brecciated to varying degrees by white carb onate veinlets which invade the rock. Next in abundance is dk. grey brown pyritic dolomite which is bedded at a low ∠ to c.A. ≈ 20°. Minor py. mudstone as beds assoc. w. the py. dolomite. Basal 80 cm. of the interval is a dk. grey well bedded dolomite 25° to c.A.		265.9	Py rare
				266.45	Py 20 10cm. v.f.g. bedded
				266.9	3 cm. py 70 c. vein. 30° c.A.
					Py rare
				268.55	
3.0	270			270	Py 1-2. v.f.g. bedded.
				270.1	
					Py rare
	271.9				
3.0		lt. to dk. grey variably recrystallized dolomite Bedded dolomite patchy recr. Recr. is extensive in patches; nil elsewhere. FAULT - c. healed breccia - 0° c.A. Dusty pyrite exsolved around c. xtals. Sev. side veins		272.7	2cm py vein. 25° c.A.
		272.5 & 272.7 - side in 2cm. FAULT - c healed breccia - 10° c.A.		273.7	
	278.9	Lt. to dk grey locally silicified dolomite & dolomitic breccia. Variably coloured fragments. Silicification locally intense. FAULT - broken core - ? ° to c.A.		274.3	
				274.9	Py 3-5 (10) tr resinous sp. F.g. & Cm F.g.
	275.0			275.0	

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	DEPTH m	MINERALIZATION
3.0		Med. grey recrystallized dolomite & dolomitic sed. breccia. Recrystallization is extensive leaving only remnant sed textures such as bedding & fragments. Pyritic (mudstone?) fragments & laminae are evident. Dusty pyrite is exsolved around most of the m.g. fibrous carbonate xtals. which form the rock.		
3.0	278.1	Cream to cream grey recrystallized dolomite & minor dolomitic sed. breccia at base. Bulk of interval is a cream coarsely crystalline carbonate containing relict bedding & less recrystallized patches. S_0 - 25-30° to c.A. Sed breccia w. carb. frag. for basal 60 cm of interval. Frag to 3cm aw. 5cm?	280	
3.0	280		280.8	2cm Py vein. 70° c.A.
			283.0	2cm Cn 1-2 F.g.
3.0	284.1	Black carbonaceous shale		
	285	Black locally graphitic shale. From 285.2m to 286.7 the shale contains grey qtzite frag & contorted beds & discont. veins & blebs of white qtz. S_0/S_1 - 45-10° to c.A. aw 25°.	285	
3.0	286.7	FAULT ZONE - Pug - broken core & c. veins 15° to c.A		
	287.4	287.2 - 2cm c. vein 15° c.A.	287.2	
3.0	290	Rock becomes more pelitic toward the base & contains minor bedded pyrite.	290	
3.0	291.8	Lt. grey foliated lithic tuff w. lt. grey mudstone interbeds - S_1/S_0 15° to c.A.	291.8	Py 2-3 v.f.g. dusting around fragments & tr. c.g. pre. Di grains.
2.6	292.4	Lt. grey sericitic carbonate rich lithic tuff. Massive to foliated rock. Carbonate rich apparently non-vesicular angular fragments aw. 1cm in size in a lt. grey sericitic groundmass. Foliated where rock is flattened ie elongate fragments.	292.4	Py 3-5 (10) f.g. to c.g. dissem.
	295.0	Lt to dk. grey chert - non bedded sed def chert containing volc. fragments at the base.	295.0	Py 1-2 f.g. to c.g. dissem.
3.1	295.7	Lt. grey carbonate rich lithic tuff w local agglomerate	295.7	Py 3-5 (10) f.g. to c.g. dissem.
		Rock is very carbonate rich - +ve reaction to acid. Fragment outlines are often masked by this alteration. Lt. grey to lt green sericite is the other major component of the rock. Fragments from 1mm to >10 cm. aw 1-2 cm. Agglom size fragments may be brecciated - auto? Numerous white carb. veins <1cm. at various		
	300		300	

Feature Bedding, Foliation, Fragment (size & shape), Shearing, Fault, Vein, F, 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
3.1		angles to c.A. Agglomerate size fragments become more common toward the base of the hole.							
3.1								303.4	
	305							305	Py rare
3.1		END OF HOLE 307.7 M.							
	310							310	
	315							315	
	320							320	
	325							325	