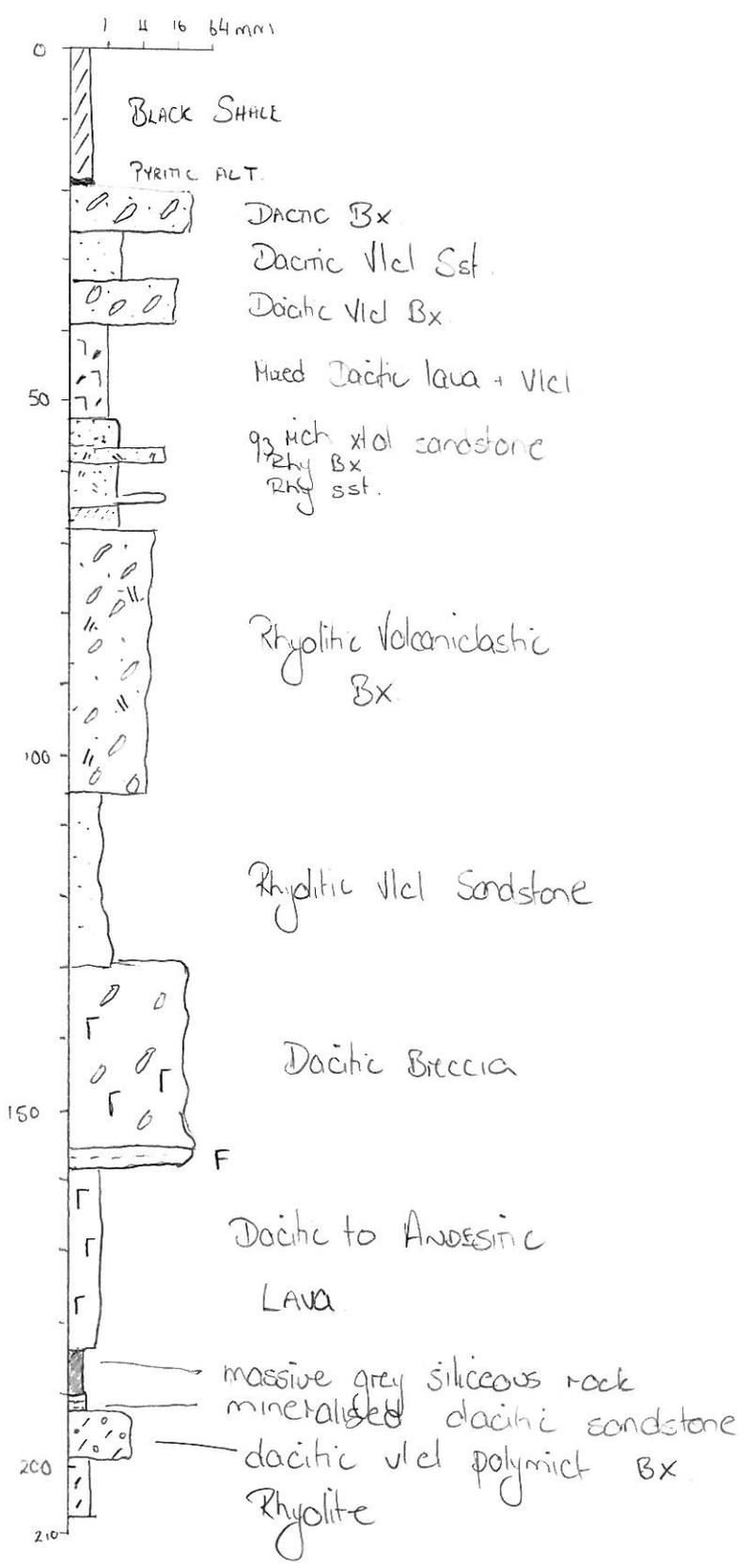


SUMMARY LOG RHD 24



Hole No. **RHD24**

Graphical Drill Hole Log

Logged by MB
 Drilled by BLY
 Drill type LF90 DD
 Drill Date xx/01/2011
 xx/xx/2011

Massive
 Pervasive
 Disseminated
 Narrow vein

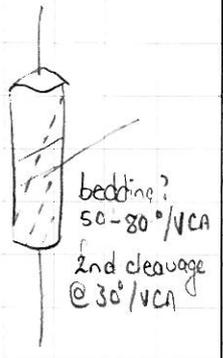


Project : EL 8/2009
 Prospect : Red Hills
 Grid :
 East : 382448 0
 North : 5365343 0
 RL : 832 0
 Proj. GDA94

Azimuth : 90.5 degrees (AMG)
 Declination : -65.5 degrees
 Total Depth : 210m (planned)
 Collar to be surveyed by TriTech Professional Services

0.0x2 1:4 1 4 16 64 mm

From	To	Colour/ Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure	Log grain size	Description	Alteration					Mineralization					
									Silica	Sericite	Albite	Carbonate	Chlorite	Hematite	Vein Qtz %	Mineralisation Assemblage	% Vesicles Disseminations	Pervasive	
0	1							0-18.8m											
1	2							Black shale											
2	3							patchy bleaching (weathering) + sulphide dissolution textures.											
3	4							moderate foliation											
4	5							2-1% disseminated fine to 1mm euhedral pyrite - foliation aligned.											Trace- 1% py
5	6							several minor pug faults											
6	7							variable foliation / axis angle indicates probable folding											Trace sphaerite
7	8																		
8	9																		
9	10																		
10	11																		
11	12							possible fine grained to ashy volcaniclastic unit.											
12	13																		
13	14																		
14	15																		
15	16							10 cm quartz vein with minor spotty sphaerite @ 16.8-16.9m.											
16	17																		
17	18							sharp, irregular downhole contact.											
18	19							18.8-19.2 strongly pyrite-carbonate alt dac. Vid sst. 60-70% f.g. py.											3 PY 60%
19	20							19.2-26.1 Dacitic volcaniclastic BX.											
20	21																		
21	22							patchy green grey bx with fsp pyritic dacitic angular clasts. (semihard)											Trace Sphaerite
22	23							fine grained grey silicified matrix. Trace spotty sphaerite replacing clasts + trace disseminated py											Trace py dissem
23	24							mod-strong carbonate veining/bx infilling contact on carb vein											
24	25																		
25	26																		
26	27							26.1 - 33.3											
27	28							dominantly feldspar xtal rich vld. sands or dacitic lv. with blebby chlorite											
28	29							+ pyrite alteration + occasional pyritic fabric aligned 2cm lenses.											1% blebby py.
29	30																		

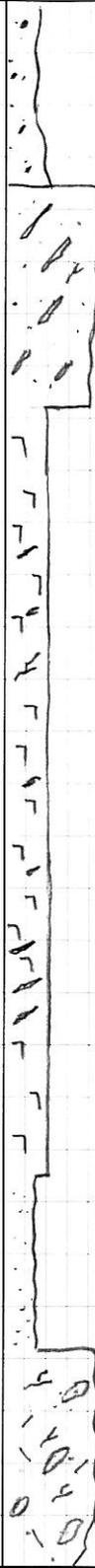
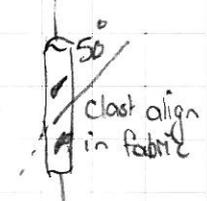
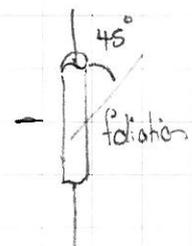
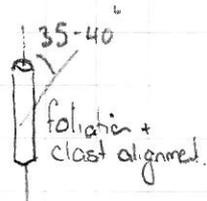


vein

or

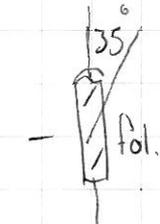
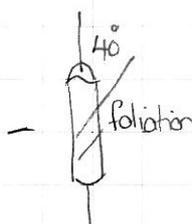
Hole No.: RHD24	East: 382448.0	Azimuth: 90.5 degrees (AMG)	Logged by: MB	Massive: <input type="checkbox"/>
Project: EL 8/2009	North: 5365343.0	Declination: -65.5 degrees	Drilled by: BLY	Pervasive: <input type="checkbox"/>
Prospect: Red Hills	RL: 832.0	Total Depth: 210m (planned)	Drill type: LF90 DD	Disseminated: <input type="checkbox"/>
Grid:	Proj.: GDA94	Collar to be surveyed by: TriTech Professional Services	Drill Date: xx/01/2011	Narrow vein: <input type="checkbox"/>
			xx/xx/2011	

From	To	Colour/ Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure	Log grain size	Description	Alteration					Vein Qtz %	Mineralization			
									Silica	Sericite	Albite	Carbonate	Chlorite		Hematite	Mineralisation Assemblage	% Sulphide	Veins Disseminated
30	31								/	/								
31	32								/	/								
32	33							break at oxidised shear / minor fault.										
33	34							33.5 - 39.2 feldspar phyric dacitic w/d	/	/								
34	35							breccia. patchy pale green-cream col.	/	/								Trace P.g.
35	36							Strongly silicified. weak carb veining	X	/								
36	37							Trace to 1% f.g fabric controlled dissem py	/	/								Trace sphalerite
37	38							occasional blobby sphalerite + carb.	X	/								
38	39							39.2 - 52.6	/	/								
39	40							mixed dacitic lava + volcanoclastics.	/	/								
40	41							grey-green to cream green. mod-	/	/								
41	42							strongly silicified.	/	/								
42	43							glassy to finely crystalline matrix &	/	/								
43	44							in places ragged, pumiceous textures.	/	/								Trace P.g.
44	45							moderate carbonate alteration as	/	/								P.g.
45	46							< 2cm veins, gashes + alteration of	/	/								P.g.
46	47							mm scale feldspots in matrix.	/	/								
47	48							Trace disseminated f.g. py, occasional	/	/								
48	49							patches - likely clast replacement	/	/								
49	50							BORE	/	/								
50	51								/	/								
51	52								/	/								
52	53							52.6 - 55.9m	/	/								
53	54							siliceous quartz rich fine grained	/	/								no sulphide noted
54	55							xtal sandstone. lithic poor	/	/								
55	56							fine spotty leucosine + blobby chlorite alt	/	/								
56	57							55.9 - 58m.	/	/								
57	58							Rhyolitic xtal matrix supported breccia	/	/								Trace P.g.
58	59							pinkish green grey. mottled clastic	/	/								P.g.
59	60							fabric. mod-strong < 1cm carb veining	/	/								
								trace dissem f.g. py in mm qtz-py veins +										
								fabric dissem										



Hole No. RHD24	Project: EL 8/2009	East: 382448.0	Azimuth: 90.5 degrees (AMG)	Logged by: MB	Massive: <input type="checkbox"/>
Prospect: Red Hills	North: 5365343.0	Declination: -65.5 degrees	Total Depth: 210m (planned)	Drilled by: BLY	Pervasive: <input type="checkbox"/>
Grid:	RL: 832.0	Collar to be surveyed by: TriTech Professional Services	Drill type: LF90 DD	Drill Date: xx/01/2011	Disseminated: <input type="checkbox"/>
	Proj.: GDA94			xx/xx/2011	Narrow vein: <input type="checkbox"/>

From	To	Colour: Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure	Log grain size	Description	Alteration					Mineralization					
									Silica	Sericite	Albite	Carbonate	Chlorite	Hematite	Vein Qtz %	Mineralisation Assemblage	%	Veining	Disseminated
60	61							58-64.5m Rhyolitic vld sandstone.		/									
61	62							mid green-cream ⁹³ crystal rich		/									
62	63							vld sandstone		/									
63	64							moderate carb veining to 1cm		/									
64	65							mod foliation. v. siliceous		/									
65	66							trace galena veinlets mm. fabric control		/									
66	67							64.5-66 pebbly Rhy vld Bx											
66	67							66-68 bleached disrupted zone with	///										
67	68							20 cm quartz-chlorite veining, broken ground	///										
67	68							leaching textures in qtz.	///										
68	69							68-76.8 Rhyolitic volcanoclastic		/									
69	70							coarse sandy to pebbly siliceous											
70	71							volcanoclastic fac to Rhy		/									
70	71							brecciated near uphole contact.											
71	72							bleached 69.6-70.6											
71	72																	Trace	
72	73							weak-mod albite-chlorite-carbonate		/									fg.
72	73							alteration, carbonate veinlets											py
73	74																		
73	74							trace disseminated fg py		/									
74	75																		
74	75																		
75	76																		
75	76																		
76	77							76.8-77.25 strongly bleached, vugged											
76	77							siliceous vld. intense si-chl alt. no sulphides											
77	78																		
77	78							77.2-85m. Rhyolitic vld Bx.		/									
78	79																		
78	79							greenish grey coarse sandy matrix		/									
79	80							supported, quartz > feldspar phytic		/									
79	80							moderately foliated Rhyolitic Breccia.		/									
80	81																		
80	81							v. hard, pinkish ? albite alteration		/									
81	82																		
81	82							weak chlorite-carb alt		/									
82	83																		
82	83							no veining, no sulphides observed		/									
83	84																		
83	84																		
84	85							85-87.8 bleached rhy vld.		/									
84	85																		
85	86							pale cream green feldspar > qtz phytic											
85	86							vld Bx. with spotty to shreddy fg											
86	87							pyrite clots ? replacing pump?											
86	87																		
87	88							1% fg py											
87	88																		
88	89																		
88	89							87.8-											
89	90																		



transitional

Hole No. **RHD24**
 Project: EL 8/2009
 Prospect: Red Hills
 Grid:

East: 382448.0
 North: 5365343.0
 RL: 832.0
 Proj: GDA94

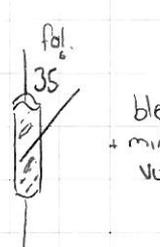
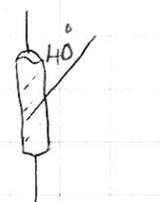
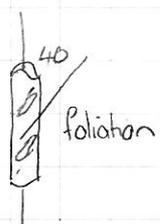
Graphical Drill Hole Log
 Azimuth: 90.5 degrees (AMG)
 Declination: -65.5 degrees
 Total Depth: 210m (planned)
 Collar to be surveyed by TriTech Professional Services

Logged by MB
 Drilled by BLY
 Drill type LF90 DD
 Drill Date xx/xx/2011

Massive
 Pervasive
 Disseminated
 Narrow vein



From	To	Colour/Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure	Log grain size	Description	Alteration						Mineralization				
									Silica	Sericite	Albite	Carbonate	Chlorite	Hematite	Vein Qtz %	Mineralisation Assemblage	%	Vein	Disseminated
90	91							-102.1 m mottled to patchy cream-green coloured	/	/									
91	92							hard, poorly sorted dacitic to rhyolitic juvenile pebble to cobble vld breccia	/	/									
92	93							angular feldspar-qtz phytic chloritised clasts to 5cm.	/	/									
93	94							matrixe qtz-feldspar xtal rich, cherty textures	/	/									
94	95							weak carb veining mm.	/	/									
95	96								/	/									
96	97								/	/									
97	98								/	/									
98	99								/	/									
99	100								/	/									
100	101								/	/									
101	102								/	/									
102	103							pug fault 102.1-102.2	/	/									
103	104							102.1-105m As above dacitic vld Bx.	/	/									
104	105							105-130.1 rhyolitic volcanoclastic sandstone	/	/									
105	106								/	/									
106	107							green-grey to cream green feldspar-qtz phytic volcanoclastic sandstone with pebbly intervals.	/	/									
107	108								/	/									
108	109								/	/									
109	110							trace carbonate thread veining	/	/									
110	111								/	/									
111	112								/	/									
112	113							3% Si-py @ 114.2-114.6: aligned. otherwise no significant sulphide	/	/									
113	114								/	/									
114	115								/	/									
115	116								/	/									
116	117								/	/									
117	118								/	/									
118	119								/	/									
119	120								/	/									



Hole No. **RHD24**
 Project : EL 8/2009
 Prospect : Red Hills
 Grid :

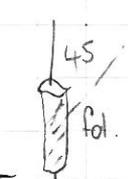
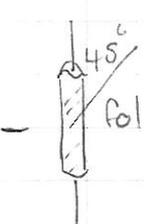
East : 382448.0
 North : 5365343.0
 RL : 832.0
 Proj. GDA94

Graphical Drill Hole Log
 Azimuth : 90.5 degrees (AMG)
 Declination : -65.5 degrees
 Total Depth : 210m (planned)
 Collar to be surveyed by TriTech Professional Services

Logged by MB
 Drilled by BLY
 Drill type LF90 DD
 Drill Date xx/01/2011
 xx/xx/2011

Massive
 Pervasive
 Disseminated
 Narrow vein

From	To	Colour: Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure	Log grain size	Description	Alteration					Vein Qtz %	Mineralization		
									Silica	Sericite	Albite	Carbonate	Chlorite		Hematite	Mineralisation Assemblage	veining
120	121								/	/	/	/					
121	122								/	/	/	/					
122	123								/	/	/	/					
123	124							3cm pug fault.	/	/	/	/					
124	125								/	/	/	/					
125	126							vuggy, bleached zone 126.3 - 126.5	/	/	/	/					
126	127							with 2% disseminated pyrite aspy	/	/	/	/					
127	128							disseminated + euhedral mm scale in vugs.	/	/	/	/					
128	129							transitional downhole contact.	/	/	/	/					
129	130								/	/	/	/					
130	131							130.1 - 156.2 dacitic Breccia	/	/	/	/					
131	132							medium green strongly clastic	/	/	/	/					
132	133							textured dacitic volcanoclastic	/	/	/	/					
133	134							pebble to cobble breccia	/	/	/	/					
134	135							clasts chloritised + carbonates	/	/	/	/					
135	136							altered < 2mm feldspars + flecked	/	/	/	/					
136	137							with fine sericitised creamy micas	/	/	/	/					
137	138							2 leucocrine angular to sub round clasts.	/	/	/	/					
138	139							matrix finely crystalline feldspar rich	/	/	/	/					
139	140							to mottled sericite-chlorite-carbonate	/	/	/	/					
140	141							altered	/	/	/	/					
141	142							trace pyrite disseminated as fine	/	/	/	/					
142	143							grained 0.1 mm clots.	/	/	/	/					
143	144							pervasively.	/	/	/	/					
144	145							overall moderately sericite, chlorite,	/	/	/	/					
145	146							carbonate altered. patchy silicification	/	/	/	/					
146	147							around minor faults & bleached, vuggy	/	/	/	/					
147	148							zones.	/	/	/	/					
148	149							no distinct veining, carbonate clots	/	/	/	/					
149	150							throughout.	/	/	/	/					



NO
 SIGNIFICANT
 MIN.

Hole No. **RHD24**
 Project: EL 8/2009
 Prospect: Red Hills
 Grid:

East: 382448.0
 North: 5365343.0
 RL: 832.0
 Proj: GDA94

Graphical Drill Hole Log
 Azimuth: 90.5 degrees (AMG)
 Declination: -65.5 degrees
 Total Depth: 210m (planned)
 Collar to be surveyed by TriTech Professional Services

Logged by MB
 Drilled by BLY
 Drill type LF90 DD
 Drill Date xx/01/2011
 xx/xx/2011

Massive
 Pervasive
 Disseminated
 Narrow vein



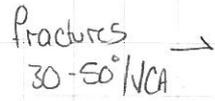
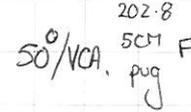
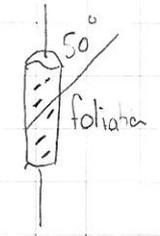
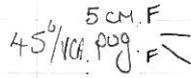
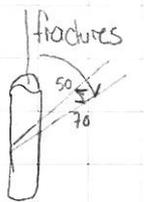
From	To	Colour/Weathering	Structure Type 1	Structure Type 2	Angle CA	Graphic structure	Log grain size	Description	Alteration					Vein Qtz %	Mineralization			
									Silica	Sericite	Albite	Carbonate	Chlorite		Hematite	Mineralisation Assemblage	Py	Galena
150	151							148m ⁺ carbonate alteration of clasts	/	/	/	/						
151	152							increasing strong-intense towards	/	/	/	/						
152	153							fault contact spots → patches.	/	/	/	/						
153	154								/	/	/	/						
154	155							← clasts blocky, prominent angular	/	/	/	/						
155	156							with strong-intense cb. alt	/	/	/	/						
156	157							10 cm pug	/	/	/	/						
157	158							F 1562-1578 FAULT zone. Cradised									Trace	
158	159							contact, broken ground, Trace sulphide										Py, gn.
159	160							F 10 cm pug.										
160	161							157.8 - 183.55 dacitic to	/	/	/	/						
161	162							andesitic lava.	/	/	/	/						
162	163							massive, dark green-grey silicified	/	/	/	/						
163	164							dacite - andesite lava.	/	/	/	/						
164	165							spotted with sometimes euhedral	/	/	/	/						
165	166							chromised mafics ? pyroxene +	/	/	/	/						Trace
166	167							flecked with leucosine.	/	/	/	/						Sphalerite
167	168							glassy matrix	/	/	/	/						Py, gn.
168	169								/	/	/	/						
169	170							fracture networked with mm	/	/	/	/						
170	171							carbonate veining	/	/	/	/						
171	172								/	/	/	/						
172	173							Trace sphalerite in clots	/	/	/	/						
173	174							associated with fractures +	/	/	/	/						
174	175							carb veining + trace galena	/	/	/	/						
175	176								/	/	/	/						
176	177							@ 174 m, 3 cm semi massive pyrite,	/	/	/	/						
177	178							fibroidal textured, shear contacts.	/	/	/	/						
178	179								/	/	/	/						
179	180								/	/	/	/						

described

65°/VCA
 Py

Hole No.: RHD24	Graphical Drill Hole Log			Logged by: MB	Massive
Project: EL 8/2009	East: 382448.0	Azimuth: 90.5 degrees (AMG)	Drilled by: BLY	Disseminated	
Prospect: Red Hills	North: 5365343.0	Declination: -65.5 degrees	Drill type: LF90 DD	Narrow vein	
Grid:	RL: 832.0	Total Depth: 210m (planned)	Drill Date: xx/01/2011		
	Proj.: GDA84	Collar to be surveyed by TriTech Professional Services			

From	To	Colour/Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure	Log grainsize	Description	Alteration					Vein Qtz %	Mineralization							
									Silica	Sericite	Albite	Carbonate	Chlorite		Hematite	Mineralisation Assemblage	%	Vein	Disseminated	Pervasive		
180	181																					
181	182																					
182	183							183.55 - 184.3. bleached, silicified dacite/lards, finely fractured												182.5		
183	184							trace dissem py, sph, gn sheet contact												+ trace sph, gn		
184	185							184.3 - 185.8. mineralised, smokey grey intensely silicified, microxtalline rock. strong fracturing, including 10cm												5% py		
185	186							semi-massive py with minor cpy.												~ 1% cpy, gn, sph		
186	187							185.8 - 190.8														
187	188							dominantly massive smoke grey intensely siliceous rock moderate fracturing, low sulphide?													Trace to	
188	189							min in qz-cb-chlorite veins, fractures													1% py, sph, gn, aspy.	
189	190							190.8 - 192.8														
190	191							sheared green grey, mineralised sericite-chlorite-carbonate altered dacitic vld sandstone.														4% sphalerite
191	192							semi-massive patches @ 10 cm of foliated sphalerite, pyrite, galena + cpy														3% py
192	193							192.8 - 197.9 dacitic vld Bx. cream-green, foliated, moderately silicified, thymolite lithic bearing quartz-sericite schist.														1-2% gn, cpy.
193	194							abundant dark green sericitic wisps elongate in fabric. no matrix quartz apparent. Patchy dissem py trace weak qz-crb. thread veins. lithics angular to rounded. pink thy.														
194	195							197.9 - 208.8 EOH Rhyolite														
195	196							mottled pink-green-grey aphyric thymolite. Peperitic contact														
196	197							sericite lenses to 10 cm, spotty to patchy dark chlorite-sulphide alteration														Trace py.
197	198							1-2% pyrite dominated patchy sulphide														
198	199							± cpy, galena, ? aspy (silvery)														
199	200																					
200	201																					
201	202																					
202	203																					
203	204																					
204	205																					
205	206																					
206	207																					
207	208																					
208	209																					
209	210																					



unusual sulphur yellow-creamy carbonate-like mineral in some sulphide patches

SUM PHOTOS
18, 22, 94.5, 120, 140, 170.5, 185, 189, 191, 196, 204