

Drill Log			PLA-S-002-12	
From	To	Lenght	Lithology2	Description
0.00	0.10	0.10	OB	Over burdon, soil and blocks. Apparently no Casing.
0.10	9.05	8.95	7A/2I/2G Chl- Vt qtz	Rhyodacitic alternance of cristal tuff and Lapillis tuff, grey greenish, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 4mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, chloritisation trace, weakly to moderately foliated 20-25° core angle. Late quartz veinlets, 60° core angle.
9.05	10.50	1.45	7A/2G Chl- Vt qtz fx ser	Rhyodacitic lapillis tuff, grey, fine to coarse grained, heterogen, 2-5% quartz eyes (2 to 4mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, chloritisation trace, moderately foliated 20-25° core angle. Fractures with some bleaching (seristisation?). Late quartz veinlets, 60° core angle.
10.50	11.40	0.90	7A/2I Vt qtz	Rhyodacitic cristal tuff, grey greenish, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 4mm), 15% black particules (1-
11.40	12.95	1.55	7A/2G (SZ) Chl- Vt qtz	Rhyodacitic lapillis tuff, grey, fine to coarse grained, heterogen, 2-5% quartz eyes (2 to 4mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, chloritisation trace, moderately foliated 20-25° core angle. Fractures with some bleaching and sericite coating. Late quartz veinlets, 60° core angle.
12.95	28.10	15.15	7A/2I Chl- dVt chl Vt qtz	Rhyodacitic alternance of cristal tuff and lapillis tuff, grey greenish, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 4mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, chloritisation trace, weakly to moderately foliated 20-25° core angle. Late quartz veinlets, 40-65° core angle.
28.10	31.50	3.40	7A/2I/2G Chl- Vt qtz fx ser	Rhyodacitic alternance of cristal tuff and Lapillis tuff, grey greenish, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 4mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, chloritisation trace, weakly to moderately foliated 20-25° core angle. Late quartz veinlets, 60° core angle.
31.50	31.80	0.30	2G/7A Si+ Chl- Vt qtz py	Rhyodacitic lapillis tuff, grey, fine to coarse grained, heterogen, 2-5% quartz eyes (2 to 4mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, chloritisation trace, moderately foliated 20-25° core angle. weak silicification related to quartz veinlet with 1% pyrite, Fractures with some bleaching and sericite coating. Late quartz veinlets,
31.80	36.10	4.30	7A/2I/2G Chl- Vt qtz fx ser	Rhyodacitic alternance of cristal tuff and Lapillis tuff, grey greenish, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 4mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, chloritisation trace, weakly to moderately foliated 20-25° core angle. Original bedding at 20° and Late quartz veinlets, 60° core angle.
36.10	37.30	1.20	7A/2I/2G Si+ Ser+ Chl- Vt qtz fx ser	Rhyodacitic alternance of cristal tuff and Lapillis tuff, grey greenish, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 8mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, chloritisation trace, locally weakly silicified-seritised, weakly to moderately foliated 20-25° core angle. Original bedding at 20°. Some fractures area, with some altered feldspar (sericite clay).
37.30	40.15	2.85	7A/2G/3E Si+ Ser+ Chl- Vt qtz fx ser	Rhyodacitic Lapillis tuff, light grey greenish, fine to very coarse grained, heterogen, 2-5% quartz eyes (2 to 12mm), 2-10% argular phyllite fragments (up to 12cm), 8% black particules (1-2mm), quartz-felspar felsic matrix, chloritisation trace, locally weakly silicified-seritised, weakly to moderately foliated 20-25° core angle. Original bedding at 20°. Some fractures area, with some altered feldspar (sericite clay).
40.15	40.80	0.65	7A/2G fx+ Si+ Ser+ Chl+ Vt qtz fx ser	Silicified rhyodacitic Lapillis tuff (wallrock) , light grey greenish, fine to coarse grained, heterogen, 2-8% quartz eyes (2 to 15mm), 2-10% altered fragments (up to 3cm), 8% chloritised black particules (1-2mm), quartz-felspar felsic matrix, 1% pyrite (arsenopyrite?). Some fractures with sericite-chlorite coating, weak to moderate silicification-sericite-chloritisation with altered feldspar (sericite clay), weakly to moderately foliated 25-55° core angle. Original bedding at 20-55°.

40.80	41.00	0.20	<b>Bx 2G Si+ Ser++ Chl+ dVt qtz</b>	<b>Mineralised Breccia</b> (Fault zone): 92% bleached weakly silicified-chloritised fragments (1 to 12mm) of felsic tuff, light grey greenish, heterogen, chloritisation-sercite-silicification matrix, 1% pyrite. Sharp contact (upper and lower), 55° core angle.
41.00	41.40	0.40	<b>7A/2G fx++ Si+ Ser+ Chl+ Vt qtz fx ser</b>	Silicified rhyodacitic Lapillis tuff (wallrock), light grey greenish, fine to coarse grained, heterogen, 2-8% quartz eyes (2 to 15mm), 2-10% altered fragments (up to 3cm), 8% chloritised black particules (1-2mm), quartz-felspar felsic matrix, 1% pyrite (arsenopyrite?). Multiples fractures with sercite-chlorite coating, weak to moderate silicification-sercite-chloritisation with altered feldspar (sercite clay), weakly to moderately foliated 25-55° core angle. Original bedding at 20-55°.
41.40	43.70	2.30	7A/2G fx+ Ser+ Chl+ dVt qtz Vt qtz fx ser	Rhyodacitic Lapillis tuff, light grey greenish, fine to coarse grained, heterogen, 2-8% quartz eyes (2 to 15mm), 2-10% altered fragments (up to 3cm), 8% black particules (1-2mm), quartz-felspar felsic matrix, 1% pyrite (arsenopyrite?). Some fractures and weak to moderate sercite-chloritisation, weakly to moderately foliated 25-55° core angle. Original bedding at 20-55°.
43.70	48.10	4.40	7A/2F/2I Chl+ dVt qtz Vt qtz (py)	Rhyodacitic cristal tuff, green greyish with white quartz veinlets, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 8mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, weak chloritisation, weak to moderately foliated. Deformed quartz veinlets conform to the foliation and late quartz stringer, trace of pyrite. gradual contact, 30° Core angle.
48.10	51.40	3.30	7A/2I/2G Ser+ dVt qtz Vt qtz	Rhyodacitic cristal tuff to lapillis tuff, light green greyish (slightly bleached) with white quartz veinlets, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 8mm), 2-10% fragments (2 to 15mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, weak chloritisation, moderately foliated. Deformed quartz veinlets conform to the foliation and late quartz stringer, trace of pyrite. Sharp contact, 30° Core angle.
51.40	52.20	0.80	2J/3I Vt qtz	Metasediment epiclastic (volcanic origin sanstone-silstone), very dark grey, very fine to fine grained, homogeneous, moderate to strong foliation, sharp contact, 25°core angle.
52.20	59.45	7.25	7A/2I/2G (fx+ Ser+) dVt qtz Vt qtz	Rhyodacitic cristal tuff, with fractured bleached zone related to seritisation, grey greenish with white quartz veinlets, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 8mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, weak to
59.45	60.10	0.65	2J/3I Vt qtz	Metasediment epiclastic (volcanic origin sanstone-silstone), very dark grey, very fine to fine grained, homogeneous, moderate to strong foliation, sharp contact, 25°core angle.
60.10	67.55	7.45	7A/2I/2G (fx+ Ser+) dVt qtz Vt qtz	Rhyodacitic cristal tuff, with fractured bleached zones related to seritisation, grey greenish with white quartz veinlets, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 8mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, weak to moderated serisitation, weak chloritisation, weak to moderately foliated. Deformed quartz veinlets conform to the foliation and late quartz stringer, trace of pyrite. Sharp contact, 25° Core angle.
67.55	67.60	0.05	<b>FTL ser (py)</b>	Fault zone (1cm), breccia with clayish sercite matrix, trace of pyrite, sharp contact, 20°core angle.
67.55	68.55	1.00	7A/2I FLT fx+ Ser+ dVt qtz Vt qtz	Rhyodacitic cristal tuff with minor fault zones, fractured bleached zone related to seritisation, grey greenish with white quartz veinlets, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 8mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, weak to moderated serisitation, weak chloritisation, weak to moderately foliated. Deformed quartz veinlets conform to the foliation and late quartz stringer, trace of pyrite. Sharp contact, 35° Core angle.
68.55	68.65	0.10	<b>FTL ser (py)</b>	Fault zone (5cm) angular seritised felsic tuff fragments with clayish sercite matrix, sharp contact, 25°core angle.
68.65	70.25	1.60	7A/2I (fx+ Ser+) dVt qtz Vt cal qtz	Rhyodacitic cristal tuff, with fractured bleached zone related to seritisation, grey greenish with white quartz veinlets, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 8mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, weak to moderated serisitation, weak chloritisation, moderately foliated. Deformed quartz-chlorite veinlets conform to the foliation and late calcite quartz veinlets. Gradual contact, 35° Core angle.

70.25	73.50	3.25	7A/2I/2G (fx+ Ser+) dVt qtz Vt qtz	Rhyodacitic cristal tuff and lapillis tuff, with fratured bleached zone related to seritisation, grey greenish with white quartz veinlets, fine to mid grained, heterogen, 2-5% quartz eyes (2 to 8mm), 15% black particules (1-2mm), quartz-felspar felsic matrix, weak to moderated serisitation, weak chloritisation, weak to moderately foliated. Deformed quartz veinlets conform to the foliation and late quartz stringer, trace of pyrite. Sharp contact, 35° Core angle.
73.50	73.50	0	EOH	End of hole