Moina Gold Pty Ltd

Exploration Drilling Grant Initiative – Round 8

Report on Drill Hole LMD7 Basin Lake Prospect

EL 11/2016 “Lake Margaret”

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ABSTRACT

The EDGI co-funded hole at the Basin Lake prospect was completed to a depth of 387.5m.

The hole intersected the targeted porphyry where coincident with the eastern margin of the IP anomaly from 128.6m to 300.0m.

Effectively all rocks are altered with favourable looking white mica+pyrite+silica alteration straddling the upper margin of the porphyry from 119.0m to 131.9m, internal within the porphyry from 134.95m to 150.6m, and most strongly in the lower part of the porphyry from 219.2m to 300.0m.

The pyrite content is adequate to explain the eastern margin of the IP chargeability anomaly targeted by the drillhole.

All gold, silver, copper, lead and zinc assays are low with the most anomalous gold assays being 0.02ppm Au in composites 4 (219.2m to 224.2m) and 13 (261m to 267m), both in argillically altered porphyry, and copper to 143ppm in composite 12 (256m to 261m) and 204ppm in composite 20 (295m to 297.7m) both in argillically altered porphyry

Conclusions regarding vectoring within the Basin Lake alteration system will benefit immensely from hylogging SWIR data and so any further discussion is best to wait till that work is done.

Summary log of LMD7:

Lithology

0.00	45.9	Glacials
45.9	100.2	Hornblende+Feldspar porphyry
100.2	128.6	Feldspar phyric Andesitic volcaniclastic
128.6	300.0	Quartz+Feldspar porphyry inc. high strain zone 262.7m to 277.0m
300.0	304.7	Feldspar phyric Andesitic volcaniclastic
304.7	306.1	Quartz+Feldspar phyric rock
306.1	329.8	Feldspar phyric Andesitic volcaniclastic
329.8	334.4	Basalt intrusive
334.4	338.9	Feldspar phyric Andesitic volcaniclastic
338.9	343.5	Feldspar phyric Dacite lava/intrusive
343.5	354.0	Feldspar phyric pumice breccia
354.0	361.1	Feldspar phyric Dacite lava/intrusive
361.1	366.9	Feldspar phyric pumice breccia
366.9	374.3	Feldspar phyric Dacite lava/intrusive
374.3	385.7	Feldspar phyric pumice breccia

Alteration

0.00	101.8	Strong clay after surface weathering
101.8	131.9	Weaker clay and leaching after surface weathering
105.5	119.0	Propylitic - albite/hematite?+/-epidote
119.0	131.9	White mica sericitic? - white mica+silica+pyrite sericite?+pyrite+/-minor chlorite
131.9	134.5	Propylitic – albite+chlorite with minor white mica+pyrite zones
134.95	150.6	White mica sericitic? – white mica+silica+pyrite
150.6	219.2	Propylitic – chlorite+albite+calcite
219.2	300.0	Argillic – white micas (pale grey/pink/very light brown, light apple green)+silica+pyrite
300.0	304.7	Sericitic – white mica (light yellow)+chlorite+calcite+pyrite+/-hematite
304.7	306.1	Propylitic – chlorite+albite/hematite?+calcite +pyrite
306.1	329.8	Sericitic – white mica (light yellow)+chlorite+pyrite+/-hematite
329.8	334.4	Propylitic – chlorite+albite/hematite?+calcite +pyrite
334.4	338.9	Sericitic – white mica (light yellow)+chlorite+pyrite+/-hematite
338.9	366.9	Propylitic – chlorite+albite+calcite+pyrite
366.9	385.7	Propylitic – chlorite+albite+calcite

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1.0 Introduction

In a number of the base+/-precious metal deposits and related prospects in the Mt Read Volcanics an enigmatic quartz feldspar porphyry occurs in proximity to mineralisation. The porphyry is interpreted to be coeval with the eruption/deposition of the Lynchford Member, the basal member of the Tyndall Group and a known mineralised stratigraphic position.

Such a porphyry is intersected in drilling at the Basin Lake and Langdons prospects where it is commonly hydrothermally altered with alteration assemblages including both paragonite + illite and paragonite + pyrophyllite, argillic and advanced argillic alteration facies respectively indicating that the causative hydrothermal fluids are acidic and more representative of epithermal systems. The discovery on the surface at the Basin Lake prospect of a glacial erratic of similarly altered quartz porphyry with pyrite, enargite and tennantite and trace covellite, stannoidite and mawsonite and pervasive silica and pyrophyllite alteration, and assaying 5.6% Cu and 0.6g/t Au, indicates that a high sulphidation epithermal style deposit has been exposed and eroded.

The location of the boulder in glacial material on the lower slopes of the Tyndall Range means that it has either been transported down valley (south) by the glacier (i.e. from Langdons prospect or further north), eroded off the exposed porphyry up-slope (i.e. Basin Lake prospect) or some combination of the two.

Bass Metals Limited mapped the distribution of arguably associated altered volcanic float in the area defining trains of material leading up valley to Langdons Prospect and up-slope to the Basin Lake prospect. Bass Metals Limited also carried out a detailed trace element lithogeochemical and short wavelength infra-red study of almost all of the historic drill holes in the region showing that argillic and advanced argillic alteration assemblages occur almost always within the quartz porphyry unit where intersected in drilling at the Basin Lake and Langdons prospect within EL 11/2016.

At Basin Lake a strong chargeability high extending for ~400-500 metres north south and centred at a depth of 300-350m has been defined by dipole-dipole IP surveying corresponding to the predicted strike of this quartz porphyry unit and to the rocks to its immediate west. This anomaly is considered due to sulphidic alteration.

The stratigraphic position of the quartz porphyry between west facing CVC feldspar phyric rocks overlying Anthony Road Andesite is potentially analogous to the Rosebery position in part.

Drill holes to the north and south of this anomaly have intersected argillic and advanced argillic alteration, and elevated copper and pyrite mineralisation predominantly around the eastern margin of the porphyry.

2.0 Work Done – LMD7

Drillhole LMD7 was drilled by Spauldings Drilling Pty Ltd using an LF70 rig. Driller was Ben Marshall with variably Brodie Lampham and Aaron Goss offsiding and supervision by Dayle Meeres. The hole was drilled through an overburden of ~45m of glacials and was a technical success.

The rig was heli-lifted to site by Bruce Colwell of Tasmanian Helicopters (Latrobe) on 29th November 2023 from a short track off the Anthony Road near Lake Langdon.

Daily access was by foot track along slope from the old BL1 access track to the south. Water was pumped from a creek below the drillsite on the powerline access track.

The drillsite chosen is a knoll in the glacials on the flanks of the Tyndall Range at 381,224mE and 5,353,217mN (MGA94) at and RL of ~835.7m.

The hole was collared at -65° to 090° (MGA94). The hole was drilled in PQ to a depth of 127.6m before solid rock was reached. Core size was reduced to HQ3 and drilled until 179.8m when it was reduced again to NQ3 to the end of hole at 385.7m.

Drillers plods say the hole went to 386.7m but core recoveries showed the actual depth to be 385.7m.

Drilling was completed on 1st February 2024.

The PQ rod string was unable to be retrieved and so is left in the hole.

Downhole surveying of the hole was done on completion of the hole and due the PQ rods being left in the hole to 127.6m depth was only surveyed beyond this point.

The hole was cased with class 12 40mm PVC pipe to allow for DHEM surveying. That DHEM surveying has not yet been undertaken.

The rig was retrieved by helicopter by Bruce on 12th February 2024 with a second more discrete shoty track access from the Anthony Road towards Lake Langdon as the track used for mobilisation now had bee hives and active bees.

The core was logged (in appendix A) and photographed (in appendix B), with 91 samples for 94.8m in total length sampled where altered and pyritic (sample intervals and composites in appendix C) and assayed for Au, Ag, As, Cu, Pb and Zn (in appendix D also appendix C and table 3.1). Due to expected low values samples were assayed as composites of between 2 and 6 length weighted samples. Sample composites are given in appendix C as well as in Table 3.1.

Figure 2.1: Diamond drill rig drilling LMD7.

3.0 Results

3.1 Introduction

The hole intersected the targeted quartz+feldspar porphyry between 128.6m and 300.0m. A second thinner quartz+feldspar phyric rock intersected between 304.7m and 306.1m might be related though alteration and deformation in this smaller unit is visually distinct from the main body.

The rest of the rocks intersected are coherent feldspar+/-hornblende phyric andesites, feldspar phyric dacite lavas and pumice breccias and minor aphyric basalt intrusives in a steeply west dipping and west facing sequence.

Essentially all of the rocks aside from the glacials are altered in some form or another.

The porphyry is favourably (proximal) hydrothermally altered over on its western margin with alteration extending into the rocks to the west, and on its eastern margin which appears to be more sharply bound within the porphyry.

Hylogging will allow for clearer definition of alteration assemblages and so the following descriptions based on the geologist's eye are best seen as a precursive attempt.

Firstly, no alteration looks like the silicified sulphidic glacial erratic boulder, and there are no instances of massive sulphide of any type.

Alteration is accompanied by pyrite in disseminations and fine veinlets or trails of disseminations in the foliation but no chalcopyrite was recognised. Up to 5% pyrite occurs. Assay results have confirmed the expected low gold and copper tenor.

3.2 Lithology

The glacials/scree are intersected to 45.9m and consist of boulders of Owen Conglomerate in a yellowish-orange matrix. From 0m to 38.4m the matrix includes sandy to gritty material and clays. Below 38.4m to 45.9m the matrix is clayey without the sand or grit. No volcanic clasts were seen.

The volcanics from 45.9m to 101.8m are weathered to a yellowish-orange colour due to surface weathering processes. From 101.8m to 131.9m are also clay altered to a light grey to very light grey colour, again due to surface processes but with some accompanying leaching of more mobile elements such as iron and magnesium. This latter zone traverses the western contact with the targeted quarrz+feldspar porphyry.

The volcanic rock from 45.9m to 100.2m is a distinctly porphyritic rock with very dark green chloritized?manganiferous? pseudomorphs after hornblende and clay altered feldspars. It is a hornblende+feldspar-phyric andesitic intrusive or lava with the former favoured.

From 100.2m to 128.6m the rock is no longer porphyritic and mafic phenocrysts are absent or unrecognisable beneath the clay alteration. Densely packed but still euhedral feldspars suggest that these rocks are feldspar-phyric pumiceous volcaniclastics. The rock becomes increasingly foliated and schistose downhole.

Surface weathering clays and hydrothermal alteration mask to contact with the quartz+feldspar porphyry which is defined by the first occurrence of quartz phenocrysts.

From 128.6m to 300.0m the hole intersects the targeted quartz+feldspar porphyry. The porphyry is characterised by common, evenly distributed rounded and embayed quartz phenocrysts 2-5mm, common and evenly distributed tabular feldspars 1-2mm now aligned in the foliation.

Figure 3.1: Quartz+feldspar porphyry 163.0m

The quartz+feldspar porphyry is strongly hydrothermally altered around its upper margin from 128.6m to approximately 150.6m and more extensively inside its lower margin from approximately 219.2m to 300.0m. Where so altered it is strongly foliated and schistose at ~35-45 degrees to core axis. From 262.7m to 277.0m is a high strain zone where the porphyry is more intensely foliated and schistose at lower angles to core axis. The lower contact of the porphyry is quite sharp and distinct.

Figure 3.2: Strongly foliated zone in quartz+feldspar porphyry 266.5m

From 300.0m to 304.7m, 306.1m to 329.8m and 334.4m to 338.9m the hole intersects a quite distinctive rock with a leopard spot like appearance. The rock is very strongly foliated and schistose and consists of arguably discrete zones, interpreted as clasts, with dark green stretched chloritic pseudomorphs 2-5mm long and 0.2-1mm thick attenuated in the foliation, though with sub-angular corners still recognisable in some in side profile, hosted within a yellowish-green to lighter green highly schistose matrix. These clasts are separated by thinner maroon, dark green or yellowish green apparently finer grained zones interpreted as matrix to the porphyritic clasts. Chloritised phenocrysts are after feldspar and so the rock is interpreted to be a feldspar-phyric andesite breccia.

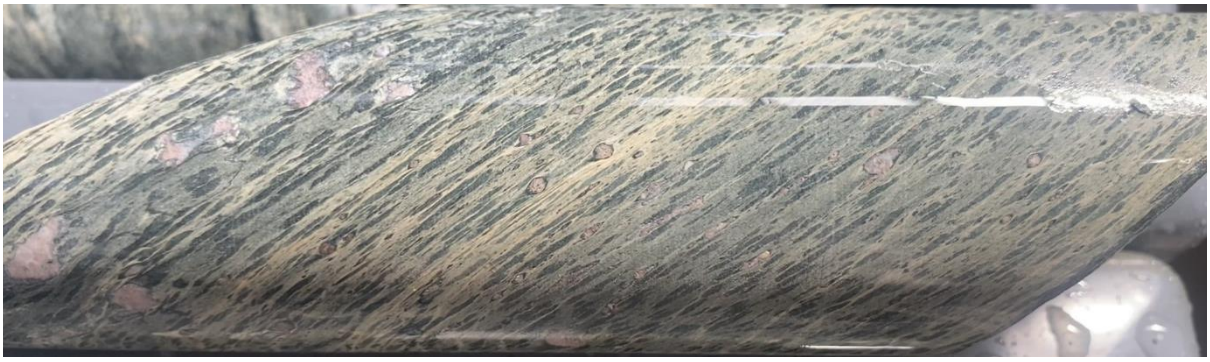

Figure 3.3: Feldspar-phyric ("leopard spot") andesitic volcaniclastic 312.0m

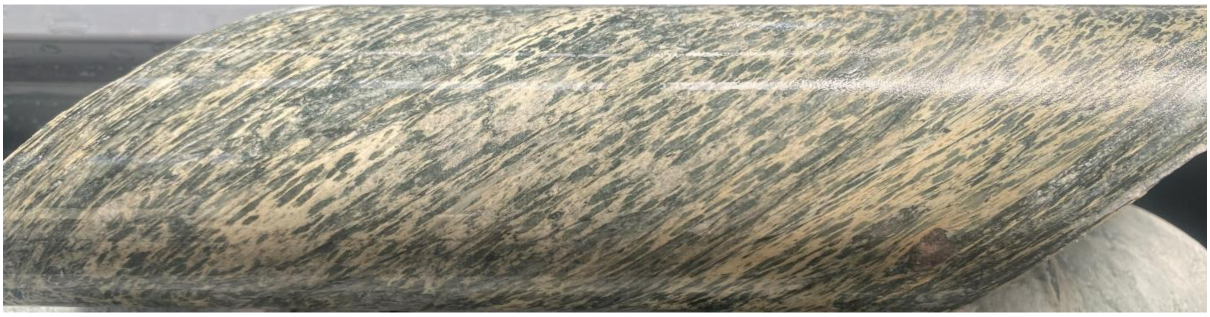

Figure 3.4: Feldspar-phyric ("leopard spot") andesitic volcaniclastic 312.5m

There are two separate rocks units intercalated with this leopard spot rock.

From 304.7m to 306.1m is another quartz+feldspar phyric porphyritic rock though this is dissimilar to the main porphyry intersection upholes being more massive and moderately foliated dark green to subtly purplish green quartz and feldspar phyric rock with evenly distributed but smaller land somewhat less common quartz phenocrysts and feldspars. It is nonetheless interpreted as an intrusive.

From 329.8m to 334.4m is a more moderately foliated fine grained dark purplish green rock with sharp margins interpretd as a basalt intrusive.

Figure 3.5: Basalt intrusive 331.7m

Below 338.9m the hole intersects a package of feldspar porphyryitic dacites with distinct coherent lavas or shallow intrusives from 338.9m to 343.5m, 354.0m to 361.1m and 366.9m to 374.3m with intercalated pumiceous feldspar porphyritic dacitic volcaniclastics, with occasional coherent feldspar-phyric dacite lava clasts, which probably formed as the frothy carapace to the coherent lava bodies.

Figure 3.6: Feldspar-phyric dacite lava 359.7m

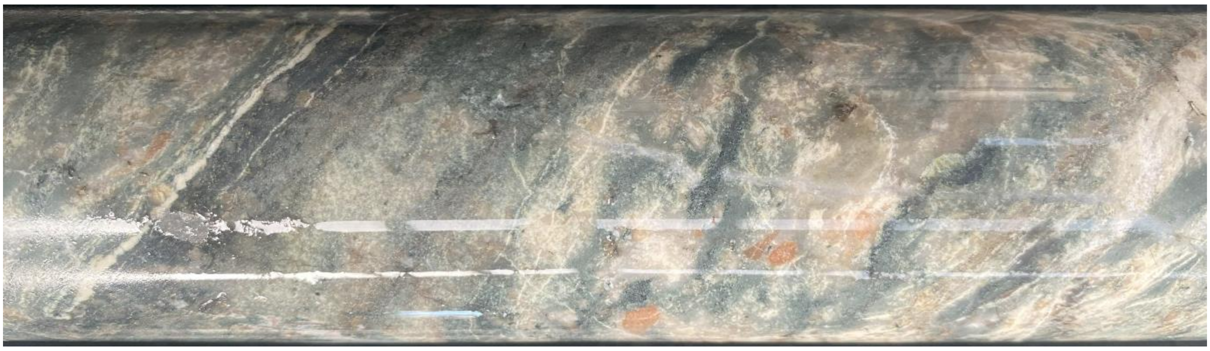

Figure 3.7: Feldspar-phyric pumiceous volcaniclastic 348.5m

Summary Lithology Log

0.00	45.9	Glacials
45.9	100.2	Hornblende+Feldspar porphyry
100.2	128.6	Feldspar phyric Andesitic volcaniclastic
128.6	300.0	Quartz+Feldspar porphyry inc. high strain zone 262.7m to 277.0m
300.0	304.7	Feldspar phyric Andesitic volcaniclastic
304.7	306.1	Quartz+Feldspar phric rock
306.1	329.8	Feldspar phyric Andesitic volcaniclastic
329.8	334.4	Basalt intrusive
334.4	338.9	Feldspar phyric Andesitic volcaniclastic
338.9	343.5	Feldspar phyric Dacite lava/intrusive
343.5	354.0	Feldspar phyric pumice breccia
354.0	361.1	Feldspar phyric Dacite lava/intrusive
361.1	366.9	Feldspar phyric pumice breccia
366.9	374.3	Feldspar phyric Dacite lava/intrusive
374.3	385.7	Feldspar phyric pumice breccia

3.3 Alteration

Essentially all of the rocks intersected in the hole are altered.

Clays due to surface weathering extend down to 101.8m with weathering and leaching extending beyond this to 131.9m.

Alteration is indistinguishable above 105.5m but from 105.5m to 106.5m lemony green epidote is preserved along with pale pink patches after albite+dusty hematite? the latter which are visible to 119.0m.

From 119.0m to 131.9m, and thus straddling the western contact of the quartz+feldspar porphyry is a zone of quite strong white mica (paragonite?), in fine 0.1-1mm folia interleaved between similarly thin light green folia after chlorite with pyrite content increasing downhole. Stretched attenuated fuchsite to 5mm long, <0.2mm thick is visible in part and is probably after mafic phenocrysts (probably down to 128.6m). Feldspars become recognisable as pale pinky-red phenocrysts towards the lower part of this zone.

Pyrite increases to 2-3% in fine veinlets in the foliation and cross-cutting (though deformed) (figure 3.8).

Fine disseminated pyrite in trace to minor amounts is present in much of this zone.

Figure 3.8: Altered feldspar-phyric on western contact zone, 124.0m

The matrix of the porphyry from 131.9m to 219.6m, and in relatively unaltered zones to 300.0m shows moderate chlorite alteration with some minor zones of maroon wash after albite+dusty hematite. This assemblage is either earlier or more distal in the system.

Occasional 20-30mm thick white mica+pyrite zones occur in the porphyry and are a focus of deformation from 131.9m to 134.5m.

From 134.5m to 150.6m the porphyry shows a lighter grey to tan overprinting alteration with leaching due to weathering further lightening colour but looks to be a white mica (paragonite?) or hydrothermal clay alteration overprint with silica. Lighter zones also occur as thin lamellae in the foliation. Only minor pyrite occurs as disseminations and fine trails in the foliation, except for the lighter grey zone from 140.2m to 142.0m which has ~0.5% pyrite.

The central part of the porphyry from 150.6m to 219.2m shows the earlier (or possibly relatively distal?) assemblage of chlorite+albite with hematite dusting (figure 4.3). This is manifested as plagioclase feldspars being pinky-red due to albitisation, and the matrix being medium dark green for the most part with lesser occurrences of subtle maroon tinge or wash due to pervasive albitisation with dusty hematite likely though not confirmed.

The main white mica+pyrite+silica alteration zone extends from 219.6m to 300.0m. The colour ranges from light greenish grey, light grey, light pinkish to brownish grey, and an apple green fuchsitic? zone (see figure 3.2 and 3.9 to 3.12), and is likely reflecting the species of white mica and/or hydrothermal clays (all logged as all inclusive term white micas) with zones of paragonite, illite and possibly pyrophyllite likely. Hylogging will help in separating these zones.

The highly strained zone is a light brownish grey for the most part (figure 3.2).

Silica alteration occurs as lenticular domains 0.5-2mm often based on individual quartz phenocrysts attenuated and overgrown, separated by white mica lamellae.

The white mica+pyrite+silica alteration has a sharp lower bound coincident with the porphyry contact, however, hydrothermal alteration persists into the underlying “leopard spot” feldspar-phyric andesitic volcaniclastic as sericitization of the matrix to the chloritized feldspars (see figures 3.3 and 3.4) with pinky ovoid carbonate pods (pre-foliation). Purplish zones look to have hematite responsible for their colouration and this may also influence the colour of these carbonates though rhodochrosite is a possibility in part.

There is a trend towards more propylitic alteration downhole with the chlorite+dusty hematite present in the basalt and discrete quartz+feldspar phyric rock.

The dacite lavas have pinky-red albitised? feldspars. The dacitic volcaniclastics have variable tiger striped textures due to bands of lighter green sericite and darker green chlorite domains.

Figure 3.9: Light grey zone with 1-2% pyrite, 257.6m

Figure 3.10: Light pinkish grey zone with 2% pyrite, 260.8m

Figure 3.11: Light creamy grey zone with pyrite 2-5%, 275.7m

Figure 3.12: Light pinkish grey zone with ~2% pyrite in seams, 294.6m

Summary Alteration Log

0.00	101.8	Strong clay after surface weathering
101.8	131.9	Weaker clay and leaching after surface weathering
105.5	119.0	Propylitic - albite/hematite?+/-epidote
119.0	131.9	White mica sericitic? - white mica+pyrite sericite?+silica+pyrite+/-minor chlorite
131.9	134.5	Propylitic – albite+chlorite with minor white mica+pyrite zones
134.95	150.6	White mica sericitic? – white mica+silica+pyrite
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219.2	300.0	Argillic – white micas (pale grey/pink/very light brown, light apple green) +silica+pyrite
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304.7	306.1	Propylitic – chlorite+albite/hematite?+calcite +pyrite
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334.4	338.9	Sericitic – white mica (light yellow)+chlorite+pyrite+/-hematite
338.9	366.9	Propylitic – chlorite+albite+calcite+pyrite
366.9	385.7	Propylitic – chlorite+albite+calcite

3.4 Mineralisation

The only sulphide mineralisation noted in core logging was pyrite. There remains the possibility that trace to minor amounts of chalcopyrite might be present but were not noted. The core will be reassessed in the light of assaying results.

Pyrite accompanies the white mica altered zones within the porphyry and the rocks immediately uphole from the upper contact at 0.5-3% with smaller zones +5%. No massive or semi-massive pyrite is present. Pyrite occurs in fine trails of disseminations between white mica folia and as discrete disseminations throughout.

Disseminated pyrite continues in the sericitic zone downhole from the lower porphyry contact.

Relatively undeformed stringer style pyrite veins occur in massive dacite lava from 354.0m to 354.8m.

3.5 Assay Results

Assay results are presented in Table 3.1. All results are low with the most anomalous gold assays being 0.02ppm Au in composite 4 (219.2m to 224.2m) and 13 (261m to 267m), both in argillically altered porphyry, and copper to 143ppm in composite 12 (256m to 261m) and 204ppm in composite 20 (295m to 297.7m) both in argillically altered porphyry.

Table 3.1: Assays for LMD7

From	To	Sample_ID	Composite Samples & Constituents	Au (ppm)	Ag (ppm)	As (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
119	120	42445	Composite 1: 42445,42446, 42447, 42448, 42449	0.01	<0.5	32	57	173	609
120	121	42446							
121	122	42447							
122	123	42448							
123	124	42449							
124	125	42450	Composite 2: 42450, 42451, 42452, 42453	<0.01	0.6	16	74	36	85
125	126	42451							
126	127	42452							
127	128	42453							

128	129	42454	Composite 3: 42454, 42455, 42456, 42457	<0.01	1.4	9	44	136	120
129	130	42455							
140	141	42456							
141	142	42457							
219.2	220	42458	Composite 4: 42458, 42459, 42460, 42461, 42462	0.02	<0.5	13	38	22	62
220	221	42459							
221	222	42460							
222	223	42461							
223	224.5	42462							
224.5	226	42463	Composite 5: 42463, 42464, 42466, 42467	0.01	<0.5	8	28	14	70
226	227	42464							
227	228	42465	Individual	0.01	<0.5	<5	26	23	47
228	229	42466							
229	230.6	42467							
230.6	232	42468	Composite 6: 42468, 42469, 42470, 42471	<0.01	<0.5	8	28	32	33
232	233	42469							
233	234	42470							
234	235	42471							
235	236	42472	Composite 7: 42472, 42473, 42474, 42475	<0.01	<0.5	19	34	20	73
236	237	42473							
237	238	42474							
238	239	42475							
239	240	42476	Composite 8: 42476, 42477, 42478, 42479	0.01	<0.5	26	64	65	133
240	241	42477							
241	242	42478							
242	243.4	42479							
243.4	244.7	42480	Individual	0.01	<0.5	7	48	10	103
244.7	246	42481	Composite 9: 42481, 42482, 42483	0.01	<0.5	14	33	32	42
246	247	42482							
247	247.8	42483							
247.8	249	42484	Composite 10: 42484, 42485, 42486, 42487	0.01	<0.5	13	36	16	87
249	250	42485							
250	251	42486							
251	252.1	42487							
252.1	253	42488	Composite 11: 42488, 42490, 42491, 42492	0.01	<0.5	22	44	32	52
253	254	42490							
254	255	42491							
255	256	42492							
256	257	42493	Composite 12: 42493, 42494, 42495, 42496, 42497	0.01	<0.5	17	143	41	96
257	258	42494							
258	259	42495							
259	260	42496							
260	261	42497							
261	262.7	42498	Composite 13: 42498, 42499, 42500, 42501,	0.02	<0.5	12	80	29	116
262.7	264	42499							

264	265	42500	42502						
265	266	42501							
266	267	42502							
267	268	42503	Composite 14: 42503, 42504, 42505, 42506, 42507	<0.01	<0.5	9	30	12	54
268	269	42504							
269	270	42505							
270	271	42506							
271	272	42507							
272	273	42508	Composite 15: 42508, 42509, 42510, 42511, 42512	<0.01	0.6	25	37	87	32
273	274	42509							
274	275	42510							
275	276	42511							
276	277	42512							
277	278	42513	Composite 16: 42513, 42514, 42515, 42516, 42517	<0.01	0.6	27	72	103	327
278	279	42514							
279	280	42515							
280	281	42516							
281	282	42517							
282	283	42518	Composite 17: 42518, 42519, 42520, 42521, 42522, 42523	<0.01	<0.5	24	39	227	703
283	284	42519							
284	285	42520							
285	286	42521							
286	287	42522							
287	288.3	42523							
288.3	289	42524	Composite 18: 42524, 42525, 42526, 42527	<0.01	0.6	30	94	81	325
289	290	42525							
290	291	42526							
291	292	42527							
292	293	42528	Composite 19: 42528, 42529, 42530	<0.01	<0.5	18	41	24	37
293	294	42529							
294	295	42530							
295	296	42531	Composite 20: 42531, 42532, 42533	0.01	<0.5	25	204	10	67
296	297	42532							
297	297.7	42533							
297.7	299	42534	Composite 21: 42534, 42535	0.01	<0.5	14	57	26	34
299	300	42535							
354	355	42536	Individual	0.01	<0.5	137	67	21	51

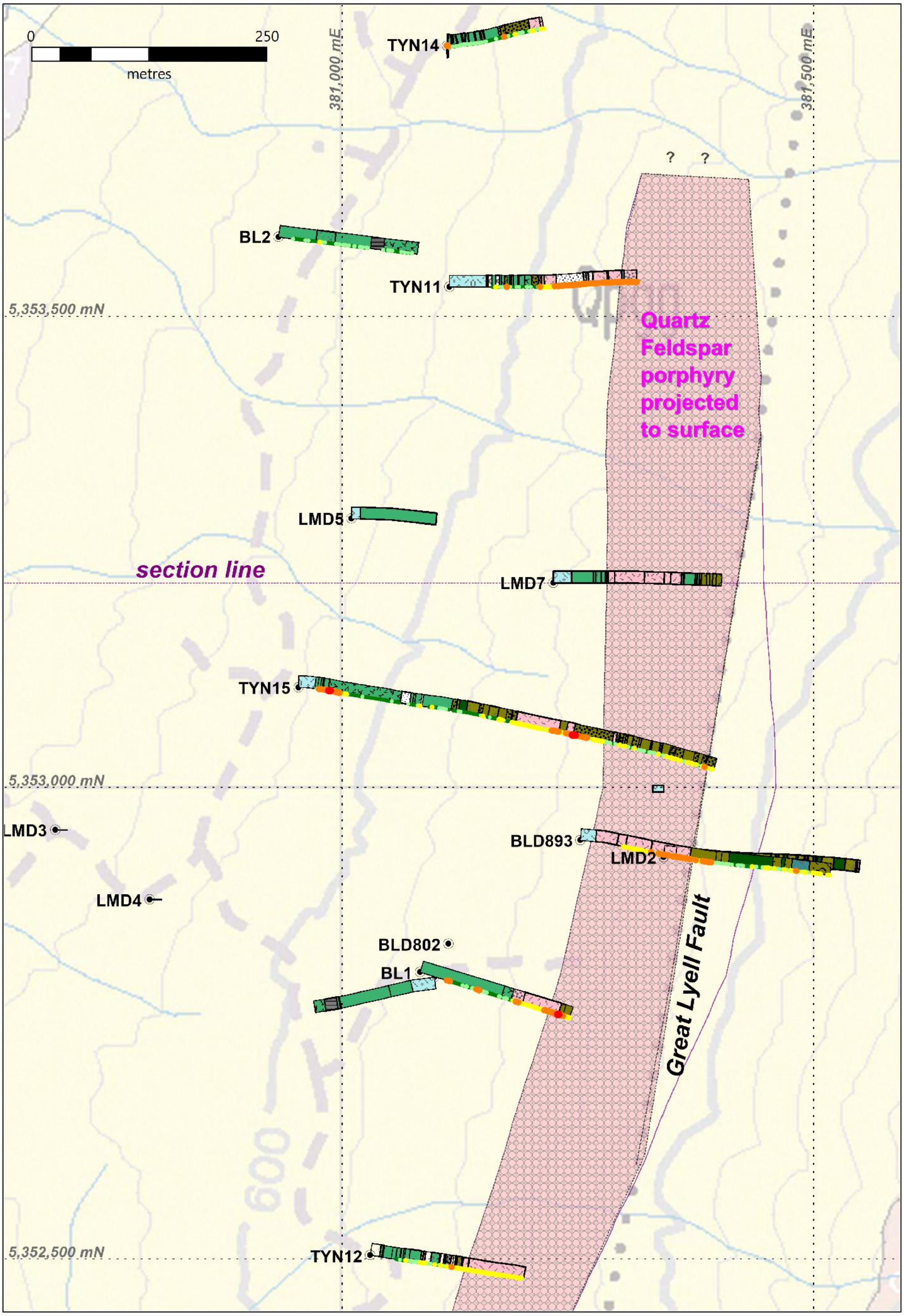


Figure 3.13: Plan view showing LMD7 and LMD5 geology and SWIR alteration assemblages on Tyndall 1:25,000 sheet with quartz feldspar porphyry projected to surface. Legend as per figure 3.14.

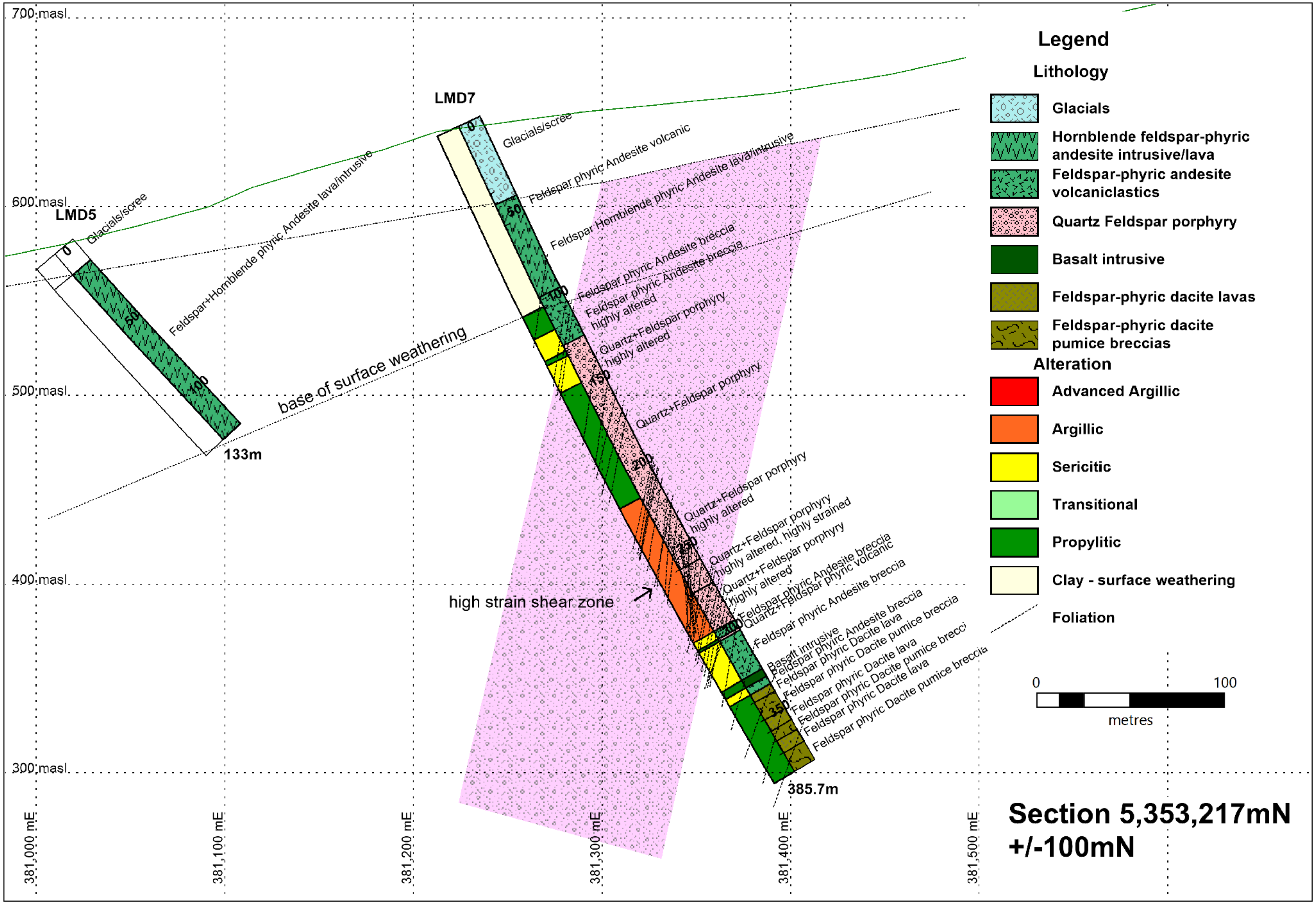


Figure 3.14: Cross-section through LMD7 and LMD5 showing geology, alteration assemblages as logged (not hylogged yet) and foliation.

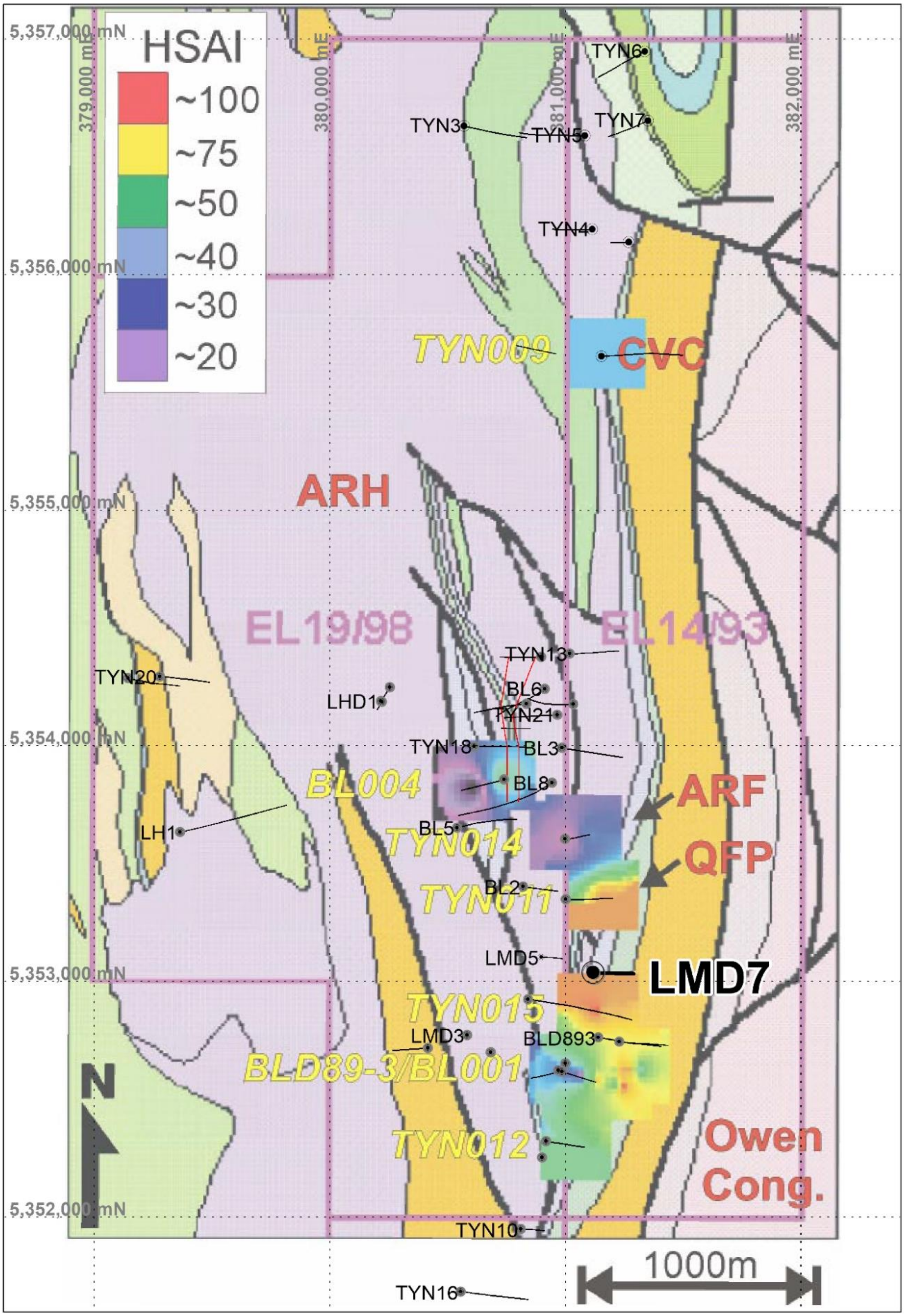


Figure 3.15: Williams (2000) High Sulphidation Alteration Index plan showing the location of LMD7

4.0 Conclusions

There is no intense silicification of the type seen in the glacial erratic though pyritic, siliceous, pale pinky and pale brown white mica argillic alteration zones are consistent with the epithermal model for mineralisation and alteration at Basin lake and Langdons prospect.

The pyrite content is adequate to explain the eastern margin of the IP chargeability anomaly targeted by the drillhole.

Assays show only very slightly elevated levels of copper and gold.

Further conclusions regarding vectoring within the Basin Lake alteration system will benefit from hylogging SWIR data and so any further discussion is best to wait till that work is done, however, there is no recommendation for immediate follow-up work at the Basin Lake prospect based on the results to date.

5.0 Environment

The collar to LMD7 has been capped an covered and is awaiting cementing. Other than this there are no outstanding rehabilitation requirements.

6.0 Expenditure

Direct drilling costs are contained in three invoices from Spauldings Driller Pty Ltd

Inv #8137	Nov-Dec 2023	$60,153.64 less $8,500 mob	=	$51,653.64
Inv #8147	Jan 2024	$59,576.44	=	$59,576.44
Inv #8162	Feb 2024	$70,290.99 less $8,500 demob	=	$61,790.99
		TOTAL (pre-GST)	=	$173,021.07
		GST	=	$17,302.10
		TOTAL (inc. GST)	**=**	**$190,323.17**

Helicopter costs are contained in two invoices from Tasmanian Helicopters

Inv #7282	Mobilisation 29th Nov. 2023	$15,348.96 inc. GST	=	$15,348.96
Inv #7379	Demobilisation 12th Feb. 2024	$18,931.70 inc. GST	=	$18,931.70
		TOTAL inc. GST	**=**	**$34,380.96**

Moina Gold Pty Ltd was granted ½ drilling costs up to a maximum of $70,000, and ½ of helicopter costs up to $20,000.

Drilling costs have exceeded $140,000 and so Moina Gold Pty Ltd is claiming the full $70,000.

Helicopter costs did not exceed $40,000 and so Moina Gold Pty Ltd is claiming ½ x $34,380.96, i.e. $17,140.33.

TOTAL claim is therefore $70,000 + $17,140.33 = **$87,140.33**

7.0 File listing

Exploration Work Type	Filename	File format
Report	EDGI_LMD7_202403_01_Report.pdf	*pdf*
Drilling	EDGI_LMD7_202403_02_Drillhole_collars EDGI_LMD7_202403_03_Drillhole_surveys EDGI_LMD7_202403_04_Drillhole_lithology EDGI_LMD7_202403_05_Drillhole_assays	xls xls xls xls
File Verification Listing	EDGI_LMD7_202403_06_FileListing	xls

Appendix A – LMD7 Log

Moina Gold - Drill Log

BHID **LMD7**

Project	BHID	MGA94 mE	MGA94 mN	RL	Depth	Geologist
Lake Margaret	LMD7	381,224	5,353,217	642.5	385.7m	GMacDonald

Surveys

Depth	Azm_MGA94	Dip
0	90	-65
180	90	-63.35
210	91.8	-62.12
240	91.53	-61.52
270	92.29	-60.93
300	92.28	-60.56
330	91.93	-60.24
360	91.23	-59.77
380	93.28	-59.5

Project:	Lake Margaret
Prospect:	Basin Lake
Datum:	GDA94

Drill Date:	Start:	4th December 2023
	Finish:	1st February 2024
Drill Company:		Spauldings Drillers
Driller:		Ben Marshall/Aaron Goss
Supervisor:		Dayle Meeres
EOH Depth:		385.7m

Hole Size:

From	To	Size
0	127.6	PQ
127.6	179.8	HQ3
179.8	385.7	NQ3

Summary Log (not to scale)

Collar Survey

By: G MacDonald
Method: Hand-held GPS
To be surveyed accurately

Down Hole Survey

Instrument: Devishot

Assay

Analyses By: ALS Burnie
Despatch #: BU24078898

0.0 39.4 Glacials

Owen Conglomerate boulders in yellowish/orange sands and clays

39.4 45.9 Glacials

Owen Conglomerate boulders in yellowish/orange clay

45.9 58.2 Clay after Mafic Volcanics

Yellowish/orange clay after mafic volcanics. Weakly foliated with fine slip surfaces at low angles to core axis.

58.2 100.2 Highly Weathered Hornblende Feldspar-phyric Andesite

Yellowish/orange with ~2mm tabular evenly distributed dark pseudomorphs after hornblende and light yellowish clay 1-2mm evenly distributed pseudomorphs after feldspars.

100.2 101.8 Olive-brown Clay after Mafic Volcanics

Olive-brown clay after mafic volcanics

101.8 105.5 Clays after Weathered Feldspar Mafic-phyric Volcaniclastic?

Very light green coloured clay after feldspar mafic phyric volcanic, strongly clay altered throughout, moderate/strongly foliated at 35° to core axis with suggestion of second cleavage at 10-15° to core axis (but not certain). Coherent unbroken creamy feldspars 0.5-1mm and lesser light green clay after mafic phenocrysts. More densely packed than feldspar hornblende phyric andesite from 58.2m to 100.2, possibly pumiceous, unlikely to be crystal sandstone. Not significant alteration recognisable.

105.5 106.5 Clays after Weathered Feldspar Mafic-phyric Volcaniclastic? – Epidote+dusty Hematite+Chlorite? Altered

As for 101.8m to 105.5m but with pervasive patchy lemony green epidote and pale maroon-pink hematite? alteration overprint.

106.5 119.0 Clays after Weathered Feldspar-phyric Volcaniclastic? – Chlorite+dusty Hematite? Altered

Very light green to light green with pale maroon patches. Moderate/strongly cleaved 35° to core axis feldspar-phyric volcanic with densely packed 0.5-1mm unbroken feldspars clay altered.

119.0 128.6 Clays after Weathered Hydrothermally Altered Feldspar-phyric Volcaniclastic? – Clays Overprinting White mica+Quartz+Chlorite+Fuchsite+Pyrite+/-Albite Alteration

Very light grey, strongly cleaved at 35° to core axis, feldspar-phyric volcanic with densely packed 0.5-1mm unbroken feldspars clay altered uphole becoming discernibly pinky albite altered downhole. Interleaved very pale almost white zones 0.1-1mm scale white mica (paragonite?) and medium green chloritic zones with disseminated pyrite increase downhole. Also occasional stretched thin fuchsite zones to 5mm possibly after altered mafic phenocrysts. Pyrite increases downhole with thin irregular veins to 5mm in the foliation and cross-cutting but foliated with 2%-3% pyrite.

128.6 131.9 Clays after Weathered Hydrothermally Altered Quartz+Feldspar phyric Porphyry - Clays Overprinting White mica+Quartz+Pyrite+minor Chlorite +/-Albite Alteration

Similarly weathered to 119.0m to 128.6m but now with distinctive quartz phenocrysts so change to quartz feldspar porphyry – contact defined by first recognisable quartz phenocryst else alteration continues across boundary. White mica+minor chlorite+pyrite altered with some subtle pinky albitisation of feldspars. Strongly foliated 35° to core axis. Lower contact defined by change to relatively unweathered porphyry downhole occurs over ~0.3m.

131.9 135.5 Moderately Weathered Quartz+Feldspar Porphyry with Albite+minor Chlorite Alteration and Occasional White mica+Quartz+Pyrite Seams

Strongly foliated 35° to core axis, pinky orange more moderately weathered quartz+feldspar porphyry. Pinky orange probably after albite? with minor green chloritic zones and three seams white mica+silica+pyrite alteration to 20-30mm thick at 133.6m, 134.0m and 134.4m, else minor disseminated pyrite. Rounded embayed quartz phenocrysts 1-3mm, pink albitised feldspars 0.5-1mm. Alteration weakens downhole.

134.5 150.6 Quartz+Feldspar Porphyry – Weakly White mica?+silica+pyrite Altered

Grey, greyish green, light brownish grey, moderately foliated quartz+feldspar porphyry. Evenly distributed rounded embayed quartz 1-3mm, tabular feldspars 0.5-1mm. Originally a greenish colour with a lighter grey to tan overprinting alteration with leaching due to weathering further lightening colour but looks to be a white mica? or hydrothermal clay alteration overprint with silica. Lighter zones also as thin lamellae in the foliation. Minor pyrite as disseminations and fine trails in foliation, except for lighter grey zone 140.2m to 142.0m with ~0.5% pyrite. Lower contact relatively abrupt.

150.6 219.2 Relatively Weakly Altered Quartz+Feldspar Porphyry

Moderate to strongly foliated quartz+feldspar porphyry as above, medium green to pale pinky green pervasively weakly chlorite and lesser albite altered matrix with pinky albitised feldspars, with occasional thin olive green altered seams of indeterminate white mica/clay becoming more lighter grey and pyritic downhole in a few locations i.e. 10mm seam at 156.2m and 10mm seam at 170.85m. Trace/minor pyrite throughout as disseminations and in fine trails. Contains common carbonate nodules?/vesicle infills? generally ovoid in the foliation and ranging from a few mm to ~20mm in length. Foliation 35° to core axis at 160m, 174m, 40° to core axis at 180.5, 188m, 35°-40° to core axis at 194m. Lower contact is gradational change in alteration.

176.65		15mm quartz+chlorite+siderite vein at 20° to core axis at
177.9	178.25	massive quartz+chlorite+light yellowish green clay conformable to foliation with some bleaching and stronger foliation extending up and downhole for ~0.5m.
197.2	201.5	zone of generally cross-cutting quartz+chlorite+siderite+yellowish-green clay tensions veins generally orthogonal to foliation, occasionally in it

219.2 262.7 Variably Moderate/Strongly Altered Quartz+Feldspar Porphyry

Strongly foliated, variably altered quartz+feldspar porphyry as above but now with moderate/strong hydrothermal alteration. Alteration is white mica+silica+pyrite. Variable colour from light grey (paragonite?), light greenish grey,pale pinky/brownish grey (pyrophyllite?) and greenish grey (chlorite?) reflecting white mica type. Variable pyrite as disseminations and fine trails in the foliation stronger in lighter grey zones with up to 5%.

219.2	224.5	light greenish grey, 1-2% pyrite, foliation 40° to core axis
224.5	226.2	greenish grey, <1% pyrite, foliation 35°-40° to core axis
226.2		15mm milled puggy fault at 25° to core axis
226.2	227.3	greenish grey, <1% pyrite, foliation 35°-40° to core axis
227.3	228.1	light brownish grey, ~1% pyrite, foliation 40° to core axis
228.1	230.6	greenish grey, <1% pyrite, foliation 40° to core axis
230.6	243.4	light brownish grey becoming light greenish grey, pyrite 1-2% in lamellae, foliation 35°-40° to core axis
243.4	244.7	greenish grey finer grained zone with quartz phenocrysts indistinct?, <1% pyrite, foliation 35° to core axis
244.7	247.8	light greenish grey, pyrite <1%, foliation 40° to core axis
247.8	252.1	greenish grey, 1-2% pyrite, 30°-35° to core axis

252.1 261.05 light greenish grey with some light brownish grey and greenish grey, pyrite 2% with zones up to 5%as disseminations and in fine trails in foliation at 35° to core axis

261.05 262.7 medium green finer grained zone i.e. indistinct quartz phenocrysts, pyrite ~1%

262.7 277.0 Very Strongly Foliated/Schistose Zone in Strongly White mica+silica+pyrite Altered Quartz+Feldpsar Porphyry

Very strongly foliated, highly altered zone in quartz+feldspar porphyry with foliation varying significantly from orientation uphole and downhole. Alteration is white mica+silica+pyrite with subtle colur changes reflecting white mica type. Upper contact marked by shear against quartz vein with sharp colour change to light brownish grey. Lower contact is gradational.

262.7 263.6 light brownish grey zone with ~2% pyrite with quartz>chlorite veining 262.7m to 262.85m and 263.45m to 263.6m conformable to foliation, foliation 45° to core axis at 263.0m, 10° to core axis at 263.5m

263.6 264.7 light brownish grey, ~2% pyrite, foliation 15° to core axis at 264.2m

264.7 266.6 greenish grey, 1-2% pyrite

266.6 267.0 quartz>chlorite vein in foliation

267.0 267.7 light brownish grey, pyrite <1%, foliation 5° to core axis at 267.3m

267.7 268.1 quartz>chlorite vein

268.1 269.2 greenish grey, pyrite 1-2%, foliation 25° to core axis at 268.3m, 20° to core axis at 269.0m

269.2 271.15 light brownish grey strongly schistose zone, pyrite ~2%, foliation 20° to core axis at 269.8m

271.15 273.3 light brownich grey, pyrite ~2%, foliation 30° to core axis at 271.7m, 20° to core axis at 272.5m

273.3 274.3 quartz+creamy carbonate vein with wallrock septa

274.3 277.0 light brownish grey, pyrite 2-5%, foliation 30° to core axis at 274.7m, 25° to core axis at 275.0m, 20° to core axis at 276.0m and 35° to core axis at 277.0m

277.0 300.0 Variably Moderate/Strongly Altered Quartz+Feldspar Porphyry

Predominantly strongly foliated, variably altered quartz+feldspar porphyry as for 219.2m to 277.0m with moderate/strong hydrothermal alteration. Alteration is white mica+silica+pyrite with colour variation reflecting white mica type. Variable colour from light grey (pyrophyllite?), light greenish grey (sericite?), pale pinky/brownish grey (dickite?) and greenish grey (chlorite). Noticeable silicification causing quartz phenocryst to stretch into lenticular silica boudins. Variable pyrite as disseminations and fine trails in the foliation stronger in lighter grey zones with up to 5%.

277.0 288.3 moderately foliated greenish grey, pyrite ~2%, foliation 35° to core axis at 282.0m, 45° to core axis at 285.0m

288.3 291.1 light brownish grey to pale pinkish grey, 2-5% pyrite, foliation 40° to core axis at 289.5m

291.1 292.0 greenish grey, 1-2% pyrite, foliation 40° to core axis at 291.5m

292.0 292.4 apple green fuchsitic zone, 1-2% pyrite in grey seams, foliation 35°-45° to core axis

292.4 295.3 light pinkish grey, ~2% pyrite in seams, foliation 35°-45° to core axis

295.3 297.7 greenish grey, 1-2% pyrite, foliation 40° to core axis

297.7 300.0 light brownish to pinkish grey zone, 1-2% pyrite, strongly foliated 40° to core axis at 299.0m

300.0 304.7 Strongly Altered Feldspar-phyric Andesite Breccia – "Leopard Spot" Rock

Very strongly foliated light green to dark green rock with distinctive leopard spot appearance due to strongly chlorite altered feldspar phenocrysts in a variably strongly sericite to less strongly chlorite altered matrix. Chlorite altered feldspars are stretched into the foliation 2-5mm long by 0.2-1mm thick within generally light green to yellowish green, occasionally moderately green strongly foliated matrix. Appears to be clastic with intercalated highly foliated dark purplish brown hematite?albite? altered zones. Clasts look to be 10mm-100mm. Pyrite <1% in disseminations and fine trails. Occasional calcite veins in foliation also rounded to ovoid calcite pods in foliation.Foliation at 40° to core axis.

304.7 306.1 Altered Quartz+Feldspar phyric Porphyritic Rock

More massive moderately foliated dark green to subtly purplish green quartz+feldspar phyric rock. Chlorite altered with subtle hematite?albite? patches. Distinct quartz phenocrysts and feldspars but not clear repetition of main quartz+feldspar phyric body uphole, looks to be coherent i.e. intrusive. Minor disseminated pyrite. Foliation 40° to core axis.

306.1 329.8 Strongly Altered Feldspar-phyric Andesite Breccia – "Leopard Spot" Rock

Very strongly foliated light green to dark green rock with distinctive leopard spot appearance due to strongly chlorite altered feldspar phenocrysts in a variably strongly sericite to less strongly chlorite altered matrix. Chlorite altered feldspars are stretched into the foliation 2-5mm long by 0.2-1mm thick within generally light green to yellowish green, occasionally moderately green strongly foliated matrix. Appears to be clastic with intercalated highly foliated dark purplish brown hematite?albite? altered zones. Clasts 10mm-100mm.look to be larger between 307.1m to 310.5m. Minor disseminated pyrite throughout. Occasional calcite veins in foliation also rounded to ovoid calcite pods in foliation. Foliation 40° to core axis at 305m, 45° to core axis at 306.5m, 50° to core axis at 308.0m and 40° to core axis at 317.5m.

329.8 334.4 Basalt Intrusive

Moderate/strongly foliated dark pale purplish green fine-grained rock – basalt intrusive. Upper and lower contacts sharp and foliated. Calcite veins in foliation. Foliation 45° to core axis at 332.0m.

334.4 338.9 Strongly Altered Variably Feldspar-phyric Andesite Breccia – "Leopard Spot" Rock?

Very strongly foliated light green to green rock with some zones recognisable leopard spot appearance due to strongly chlorite altered feldspar phenocrysts in a variably strongly sericite to less strongly chlorite altered matrix, other zones finer grained aphyric?, perhaps polymictic. Clasts 10-50mm? Minor disseminated pyrite. Lower contact marked by quartz+chlorite vein with 5cm pug.

338.9 343.5 Feldspar-phyric Dacite Lava

Variably moderately foliated (to ~340.7m) to massive, coherent feldspar-phyric dacite. Evenly distributed maroon albitised plagioclase feldspars in a medium dark subtly purplish green chlorite/albite/hematite? altered matrix. Negligible pyrite. Calcite flecks and fine irregular veinlets. Moderately foliated above 340.7m may be that dacite is hyaloclstic breccia with variable alteration into subtly darker green chloritic zones more ductile. Sheared upper contact, lower contact indistinct obscured by alteration.

343.5 354.0 Feldspar-phyric Dacitic Pumice Breccia

Moderately foliated 50° to core axis, feldspar-phyric pumiceous rocks. Predominantly green to darker green chlorite>sericite with lesser pale pinky-red albitised zones with diffuse bounded darker and lighter bands giving incipient tiger striped appearance, and occasional more pervasive pinky-red albitised zones. Occasional sub-rounded to sub-angular feldspar-phyric dacite clasts

354.0 361.1 Feldspar-phyric Dacite Lava

Massive, coherent feldspar-phyric dacite. Evenly distributed maroon albitised plagioclase feldspars ~2mm in a variably medium dark green, moderately pervasive chlorite altered, to pale pinky-red, moderately pervasive albite dusty hematite altered, matrix with alteration irregular as blotchy to a pervasive wash. Cross-cut by fine <10mm calcite veins. Minor pyrite except for strongly pyritic zone 354.0m to 354.8m with pyrite in semi-massive stringer-style veins irregularly meandering/anastomosing at low angles to core axis. Upper and lower contacts indistinct obscured by alteration.

361.1 366.9 Feldspar-phyric Dacitic Pumice Breccia

Moderately foliated 45° to core axis, lighter green to darker green feldspar-phyric pumiceous rock with subtle gradational colour changes. Feldspar-phyric with ~2mm feldspars unevenly distributed, dense in part. Pervasive moderately chloritic, with occasional darker green chloritic pseudoclasts. Minor pyrite as blebs in matrix. Upper and lower contacts indistinct obscured by alteration.

366.9 374.3 Feldspar-phyric Dacite Lava

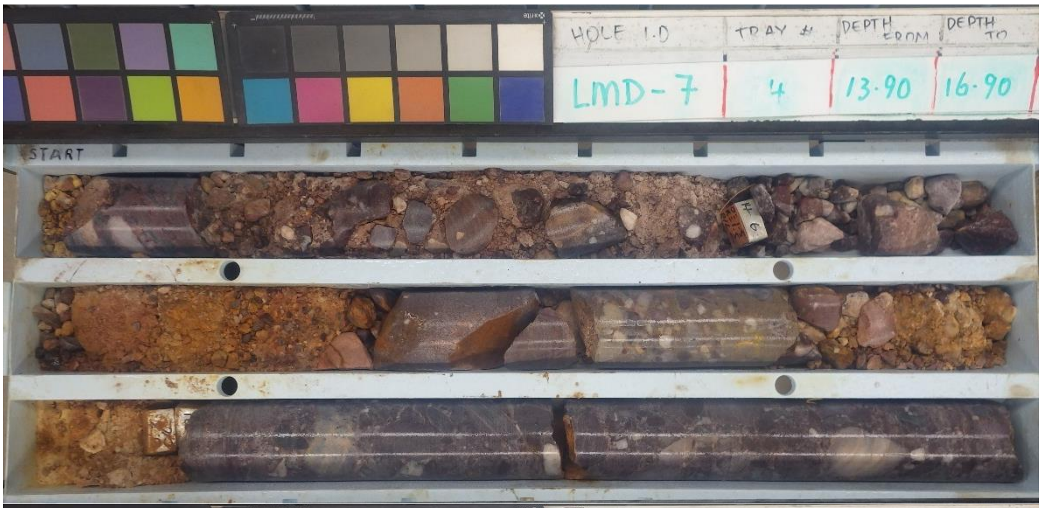
Massive, coherent feldspar-phyric dacite. Evenly distributed pinky-red albitised plagioclase feldspars ~2mm in a predominantly maroon albitised? matrix with darker green more chloritic zones near upper and lower contacts. White calcite flecks (vesicles?) and fine calcite veinlets at high angles to core axis. 371.7m 50mm thick epidote+chlorite+calcite vein high angles core axis, 372.4m 30mm chlorite+calcite vein 65° to core axis. Upper and lower contacts indistinct obscured by alteration.

374.3 385.7 Feldspar-phyric Dacitic Pumice Breccia

Moderately foliated 50-55° to core axis, creamy light green to lesser green to darker green feldspar-phyric pumiceous rock with colour/alteration giving tiger striped pattern. Unevenly distributed feldspars, dense in part. Pervasive cream to light green albite and darker green chlorite altered throughout. Very occasional sub-rounded to sub-angular clasts dark green or lighter green coherent feldspar-phyric and aphyric clasts. Negligible pyrite.

385.7 End of hole

Appendix B: LMD7 Core Photos


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
4
13.90
16.90
START

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
5
16.90
19.65

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
6
19.65
22.30
START
20.6


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
7
22.30
25.10


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
8
25.10
28.10


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
9
28.10
33.40


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
10
33.40
36.90


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
11
36.90
39.95


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
12
39.95
42.65


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
13
42.65
44.90


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
14
44.90
47.40


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
15
47.40
50.00
47.6

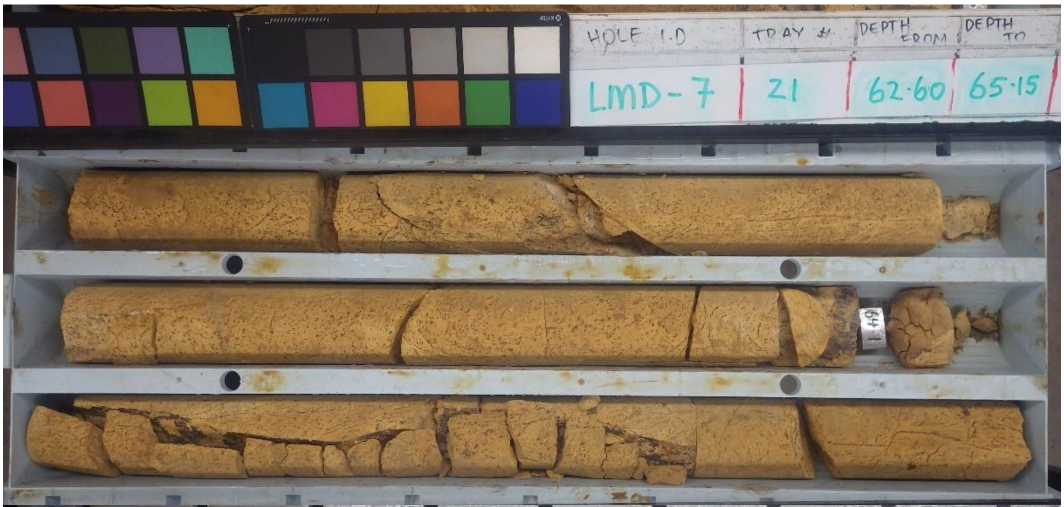

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
16
50.00
52.25
1.0 GAIN
50.6
52.1


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
17
52.25
55.00
START
53.6


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
18
55.00
57.50
56.6

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
19
57.50
60.00

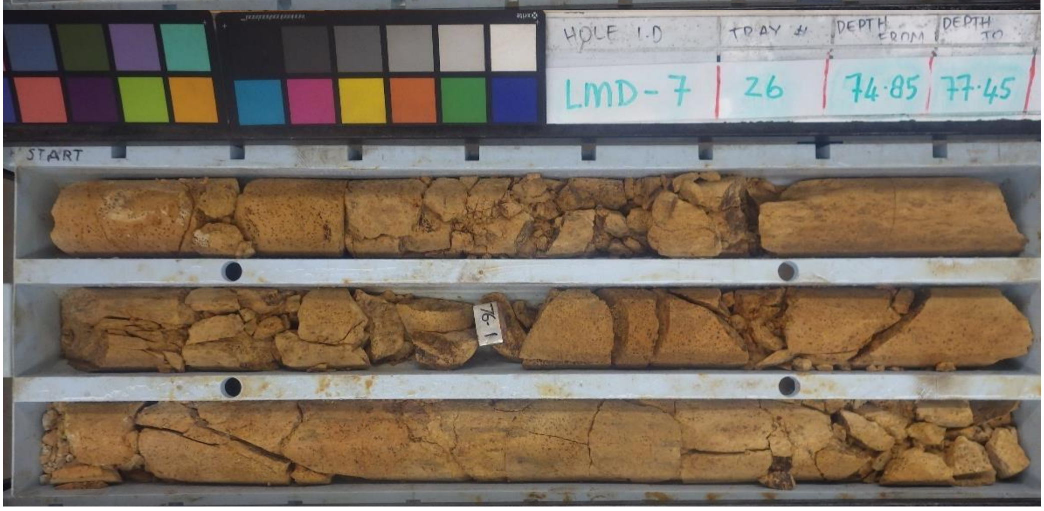
HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
20
60.00
62.60


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
21
62·60
65·15


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
22
65·15
67·70


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
23
67·70
70·00


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
24
70.00
72.45
70.1
71.6

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
25
72.45
74.85
START
73.1
74.6

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
26
74.85
77.45
START
76.1

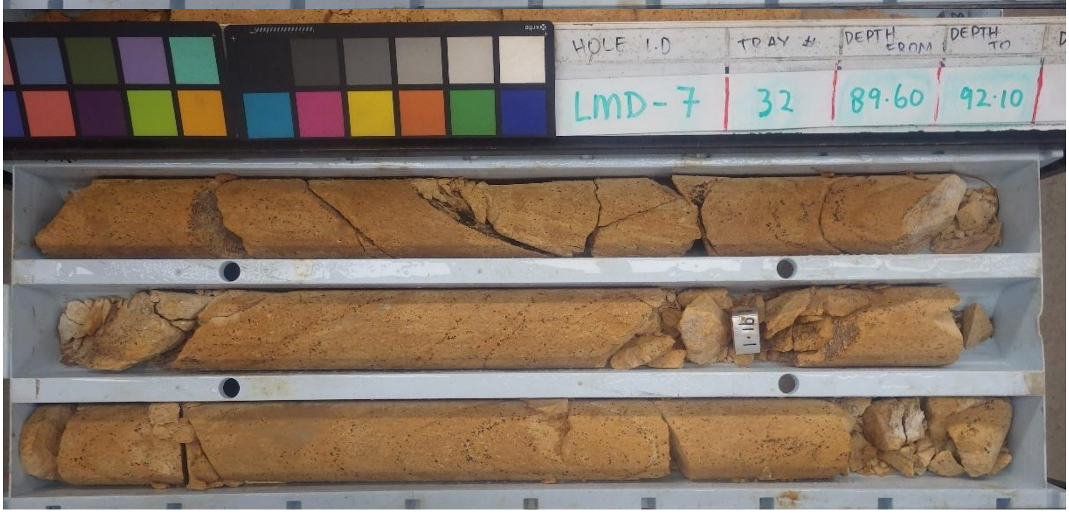

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
27
77.45
79.90


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
28
79.90
82.25


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
29
82.25
84.80


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
30
84·80
87·40


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
31
87·40
89·60


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
32
89·60
92·10


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
33
92.10
94.45

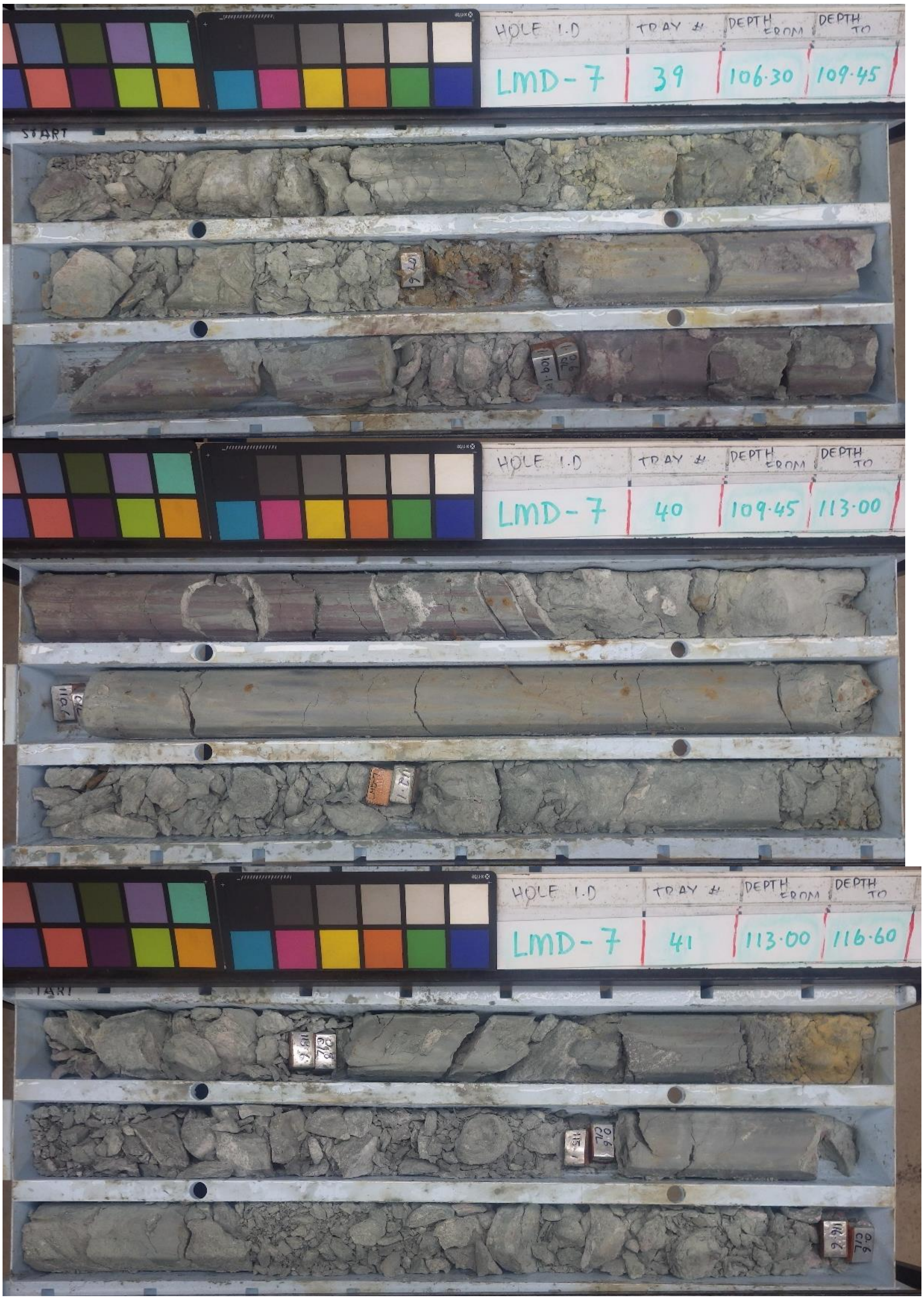
HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
34
94.45
96.85

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
35
96.85
99.35


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
36
99.35
101.80


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
37
101.80
104.20


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
38
104.20
106.30
START



HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
39
106.30
109.45
START
HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
40
109.45
113.00
HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
41
113.00
116.60


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
42
116.60
119.80

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
43
119.80
122.15

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
44
122.15
124.45


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
45
124·45
126·65
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
46
126·65
129·10
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
47
129·10
133·30


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
48
133·30
136·85


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
49
136·85
140·20


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
50
140·20
143·55


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
51
143·55
147·05


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
52
147·05
150·50


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
53
150.50
153.85


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
54
153.85
157.25

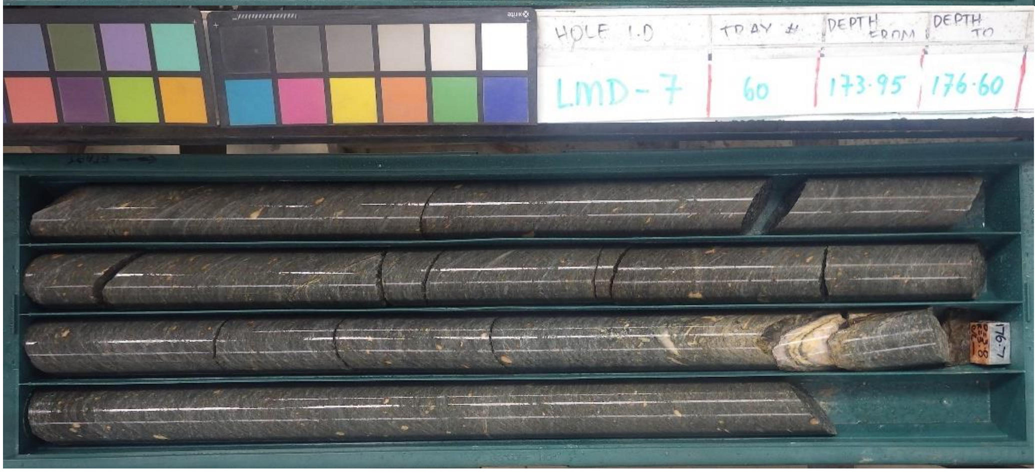

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
55
157.25
160.40


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
56
160.40
163.70


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
57
163.70
167.05


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
58
167.05
170.60


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
59
170.60
173.95


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
60
173.95
176.60


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
61
176.60
180.60
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
62
180.60
185.25


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
63
185.25
189.50
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
64
189.50
194.00
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
65
194.00
198.05


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
66
198.05
202.60


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
67
202.60
206.80


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
68
206.80
211.30


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
69
211·30
215·70


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
70
215·70
220·20


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
71
220·20
224·70


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
72
224·70
229·00


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
73
229.00
233.35


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
74
233.35
236.70


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
75
236.70
241.20

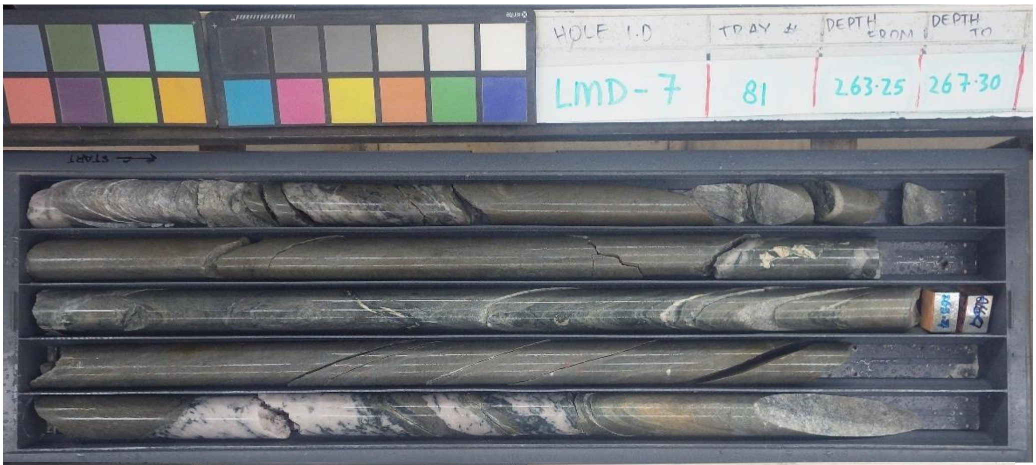

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
76
241.20
245.40

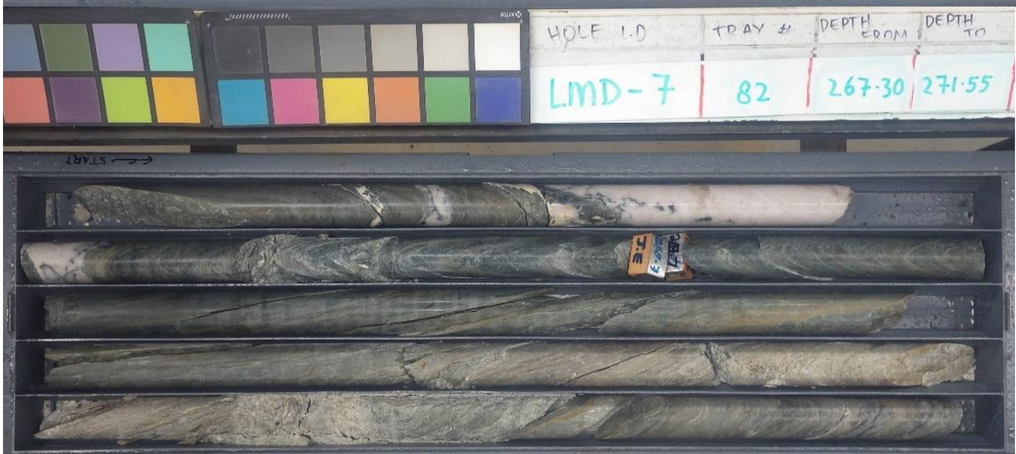

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
77
245·40
249·75


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
78
249·75
254·30


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
79
254·30
258·70


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
80
258·70
263·25


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
81
263·25
267·30
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
82
267·30
271·55
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
83
271·55
275·90
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
84
275·90
280·40
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
85
280.40
284.80
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
86
284.80
289.25
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
87
289.25
293.60
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
88
293.60
297.70
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
89
297.70
302.00
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
90
302.00
306.60
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
91
306.60
311.10
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
92
311.10
315.50
START

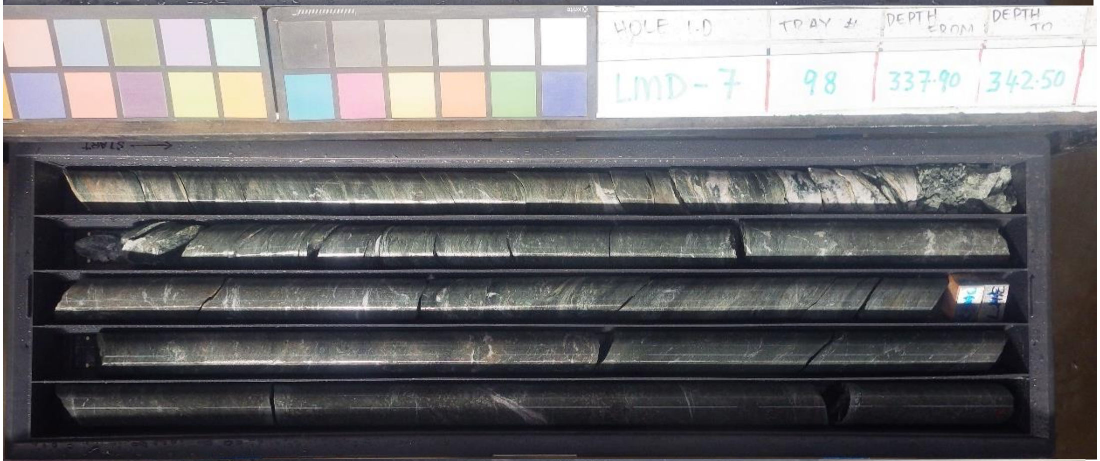

HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
93
315.50
319.90
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
94
319.90
324.50
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
95
324.50
328.90
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
96
328.90
333.35
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
97
333·35
337·90
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
98
337·90
342·50
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
99
342·50
347·05
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
100
347·05
351·60
START


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
101
351·60
356·00


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
102
356·00
360·55


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
103
360·55
365·15


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
104
365·15
369·90


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
105
369.90
374.55


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
106
374.55
379.15


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
107
379.15
383.60


HOLE I.D
TRAY #
DEPTH FROM
DEPTH TO
LMD-7
108
383.60
385.70
EOH

Appendix C: LMD7 Sample Intervals

Hole_ID	Sample_Number	From	To		Composite samples made up of	wt factor
Standard	42444	OREAS 22D				
LMD7	42445	119	120		Composite 1: 42445,42446, 42447, 42448, 42449	1
LMD7	42446	120	121			1
LMD7	42447	121	122			1
LMD7	42448	122	123			1
LMD7	42449	123	124			1
LMD7	42450	124	125		Composite 2: 42450, 42451, 42452, 42453	1
LMD7	42451	125	126			1
LMD7	42452	126	127			1
LMD7	42453	127	128			1
LMD7	42454	128	129		Composite 3: 42454, 42455, 42456, 42457	1
LMD7	42455	129	130			1
LMD7	42456	140	141			1
LMD7	42457	141	142			1
LMD7	42458	219.2	220		Composite 4: 42458, 42459, 42460, 42461, 42462	0.8
LMD7	42459	220	221			1
LMD7	42460	221	222			1
LMD7	42461	222	223			1
LMD7	42462	223	224.5			1.5
LMD7	42463	224.5	226		Composite 5: 42463, 42464, 42466, 42467	1.5
LMD7	42464	226	227			1
LMD7	42465	227	228		Individual sample	1
LMD7	42466	228	229			1
LMD7	42467	229	230.6			1.6
LMD7	42468	230.6	232		Composite 6: 42468, 42469, 42470, 42471	1.4
LMD7	42469	232	233			1
LMD7	42470	233	234			1
LMD7	42471	234	235			1
LMD7	42472	235	236		Composite 7: 42472, 42473, 42474, 42475	1
LMD7	42473	236	237			1
LMD7	42474	237	238			1
LMD7	42475	238	239			1
LMD7	42476	239	240		Composite 8: 42476, 42477, 42478, 42479	1
LMD7	42477	240	241			1
LMD7	42478	241	242			1
LMD7	42479	242	243.4			1.4
LMD7	42480	243.4	244.7		Individual sample	1.3
LMD7	42481	244.7	246		Composite 9: 42481, 42482, 42483	1.3
LMD7	42482	246	247			1
LMD7	42483	247	247.8			0.8
LMD7	42484	247.8	249		Composite 10: 42484, 42485, 42486, 42487	1.2
LMD7	42485	249	250			1
LMD7	42486	250	251			1
LMD7	42487	251	252.1			1.1
LMD7	42488	252.1	253		Composite 11: 42488, 42490, 42491, 42492	0.9
Standard	42489	OREAS 630B				
LMD7	42490	253	254			1
LMD7	42491	254	255			1
LMD7	42492	255	256			1
LMD7	42493	256	257		Composite 12: 42493, 42494, 42495, 42496, 42497	1
LMD7	42494	257	258			1
LMD7	42495	258	259			1
LMD7	42496	259	260			1
LMD7	42497	260	261			1
LMD7	42498	261	262.7		Composite 13: 42498, 42499, 42500, 42501, 42502	1.7
LMD7	42499	262.7	264			1.3

LMD7	42500	264	265			1
LMD7	42501	265	266			1
LMD7	42502	266	267			1
LMD7	42503	267	268		Composite 14: 42503, 42504, 42505, 42506, 42507	1
LMD7	42504	268	269			1
LMD7	42505	269	270			1
LMD7	42506	270	271			1
LMD7	42507	271	272			1
LMD7	42508	272	273		Composite 15: 42508, 42509, 42510, 42511, 42512	1
LMD7	42509	273	274			1
LMD7	42510	274	275			1
LMD7	42511	275	276			1
LMD7	42512	276	277			1
LMD7	42513	277	278		Composite 16: 42513, 42514, 42515, 42516, 42517	1
LMD7	42514	278	279			1
LMD7	42515	279	280			1
LMD7	42516	280	281			1
LMD7	42517	281	282			1
LMD7	42518	282	283		Composite 17: 42518, 42519, 42520, 42521, 42522, 42523	1
LMD7	42519	283	284			1
LMD7	42520	284	285			1
LMD7	42521	285	286			1
LMD7	42522	286	287			1
LMD7	42523	287	288.3			1.3
LMD7	42524	288.3	289		Composite 18: 42524, 42525, 42526, 42527	0.7
LMD7	42525	289	290			1
LMD7	42526	290	291			1
LMD7	42527	291	292			1
LMD7	42528	292	293		Compositr 19: 42528, 42529, 42530	1
LMD7	42529	293	294			1
LMD7	42530	294	295			1
LMD7	42531	295	296		Composite 20: 42531, 42532, 42533	1
LMD7	42532	296	297			1
LMD7	42533	297	297.7			0.7
LMD7	42534	297.7	299		Composite 21: 42534, 42535	1.3
LMD7	42535	299	300			1
LMD7	42536	354	355		Individual sample	1

Notes

[orange] and [blue] are just arbitrary colours to help show the composites

[red] are individual samples not composited

Appendix D: LMD7 Assay Result sheets ALS Burnie

Australian Laboratory Services Pty. Ltd.
32 Shand Street
Stafford
Brisbane QLD 4053
Phone: +61 7 3243 7222 Fax: +61 7 3243 7218
www.alsglobal.com/geochemistry

To: MOINA GOLD PTY LTD
PO BOX 3110
SOUTH BURNIE TAS 7230

Page: 1
Total # Pages: 4 (A)
Plus Appendix Pages
Finalized Date: 24-APR-2024
This copy reported on 29-APR-2024
Account: MOIGOL

CERTIFICATE BU24078898

This report is for 114 samples of Drill Core submitted to our lab in Burnie, TAS, Australia on 25-MAR-2024.

The following have access to data associated with this certificate:

GRANT MACDONALD	GEOFFREY SUMMERS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
LEV-01	Waste Disposal Levy
SPLIT-Z	Pulp split for send out
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-21	Crush entire sample
PUL-23	Pulv Sample - Split/Retain
BAG-01	Bulk Master for Storage
BAG-21	Raw Sample in a new bag
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	34 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

James Hepburn, Laboratory Manager, Burnie

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SOUTH BURNIE TAS 7230

Finalized Date: 24-APR-2024
Account: MOIGOL

CERTIFICATE OF ANALYSIS BU24078898

Sample Description	WEI-21	PUL-QC	Au-AA25	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	ME-ICP61	Zn-OG62
Method / Analyte / Units / LOD	Recvd Wt.	Pass75um	Au	Ag	As	Cu	Pb	Zn	Zn
	kg	%	ppm	ppm	ppm	ppm	ppm	ppm	%
	0.02	0.01	0.01	0.5	5	1	2	2	0.001
42444	0.07		0.01	<0.5	8	9	<2	7	
42445	4.75	99.0							
42446	5.54	99.0							
42447	5.67	99.1							
42448	5.24								
42449	6.19								
42450	4.98								
42451	6.31								
42452	5.04								
42453	2.63								
42454	1.89								
42455	2.83								
42456	2.64								
42457	3.67								
42458	1.37								
42459	1.76								
42460	1.89								
42461	1.70								
42462	2.64								
42463	2.76								
42464	1.85								
42465	1.75		0.01	<0.5	<5	26	23	47	
42466	1.73								
42467	2.87								
42468	2.58								
42469	1.86								
42470	1.63								
42471	1.94								
42472	1.86								
42473	3.63								
42474	1.79								
42475	1.89								
42476	1.72								
42477	1.75								
42478	1.94								
42479	2.38								
42480	2.33		0.01	<0.5	7	48	10	103	
42481	2.34								
42482	1.75								
42483	1.55	99.1							

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS BU24078898

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	PUL-QC Pass75um % 0.01	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 As ppm 5	ME-ICP61 Cu ppm 1	ME-ICP61 Pb ppm 2	ME-ICP61 Zn ppm 2	Zn-OG62 Zn % 0.001
42484		1.90								
42485		1.91								
42486		1.69								
42487		2.01								
42488		1.67								
42489		0.07		0.36	19.7	390	508	4170	>10000	1.115
42490		1.60								
42491		1.85								
42492		1.74								
42493		1.79								
42494		1.72								
42495		1.85								
42496		1.87								
42497		1.82								
42498		2.88								
42499		2.15								
42500		2.04								
42501		1.90								
42502		1.84								
42503		1.85								
42504		1.93								
42505		2.02								
42506		1.94								
42507		1.95								
42508		1.92								
42509		1.77								
42510		1.73								
42511		1.91								
42512		1.80								
42513		1.75								
42514		1.91								
42515		1.77								
42516		2.09								
42517		1.68								
42518		1.73								
42519		1.88								
42520		1.72								
42521		1.79								
42522		1.70								
42523		2.34	97.2							

***** See Appendix Page for comments regarding this certificate *****

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CERTIFICATE OF ANALYSIS BU24078898

Sample Description	Method / Analyte / Units / LOD	WEI-21 Recvd Wt. kg 0.02	PUL-QC Pass75um % 0.01	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 As ppm 5	ME-ICP61 Cu ppm 1	ME-ICP61 Pb ppm 2	ME-ICP61 Zn ppm 2	Zn-OG62 Zn % 0.001
42524		1.09								
42525		1.96								
42526		1.88								
42527		1.79								
42528		1.77								
42529		1.73								
42530		1.79								
42531		1.70								
42532		1.77								
42533		1.25								
42534		2.41								
42535		1.83								
42536		2.06		0.01	<0.5	137	67	21	51	
Composite 1				0.01	<0.5	32	57	173	609	
Composite 2				<0.01	0.6	16	74	36	85	
Composite 3				<0.01	1.4	9	44	136	120	
Composite 4				0.02	<0.5	13	38	22	62	
Composite 5				0.01	<0.5	8	28	14	70	
Composite 6				<0.01	<0.5	8	28	32	33	
Composite 7				<0.01	<0.5	19	34	20	73	
Composite 8				0.01	<0.5	26	64	65	133	
Composite 9				0.01	<0.5	14	33	32	42	
Composite 10				0.01	<0.5	13	36	16	87	
Composite 11				0.01	<0.5	22	44	32	52	
Composite 12				0.01	<0.5	17	143	41	96	
Composite 13				0.02	<0.5	12	80	29	116	
Composite 14				<0.01	<0.5	9	30	12	54	
Composite 15				<0.01	0.6	25	37	87	32	
Composite 16				<0.01	0.6	27	72	103	327	
Composite 17				<0.01	<0.5	24	39	227	703	
Composite 18				<0.01	0.6	30	94	81	325	
Composite 19				<0.01	<0.5	18	41	24	37	
Composite 20				0.01	<0.5	25	204	10	67	
Composite 21				0.01	<0.5	14	57	26	34	

***** See Appendix Page for comments regarding this certificate *****

Australian Laboratory Services Pty. Ltd.

32 Shand Street
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Phone: +61 7 3243 7222 Fax: +61 7 3243 7218
www.alsglobal.com/geochemistry

To: MOINA GOLD PTY LTD
PO BOX 3110
SOUTH BURNIE TAS 7230

Finalized Date: 24-APR-2024
Account: MOIGOL

CERTIFICATE OF ANALYSIS BU24078898

CERTIFICATE COMMENTS

ACCREDITATION COMMENTS

NATA Accreditation covers the performance of this service but does not cover the performance of ALS Brisbane Sample Preparation. Corporate Accreditation No:825, Corporate Site No:818. Technical Signatory: Christopher Snowdon, ICPAES Reporting Chemist

Applies to Method:	ME-ICP61	ME-OG62	Zn-OG62	

LABORATORY ADDRESSES

Processed at ALS Brisbane located at 32 Shand Street, Stafford, Brisbane, QLD, Australia. Processed at ALS Brisbane Sample Preparation at 23 Pineapple Street, Zillmere, QLD, 4034, Australia

Applies to Method:	ME-ICP61	ME-OG62	Zn-OG62	

Processed at ALS Burnie located at 39 River Road, Burnie, TAS, Australia.

Applies to Method:	Au-AA25	BAG-01	BAG-21	CRU-21
	LEV-01	LOG-22	LOG-24	PUL-23
	PUL-QC	SPL-21	SPLIT-Z	WEI-21

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Finalized Date: 24-APR-2024
This copy reported on 29-APR-2024
Account: MOIGOL

QC CERTIFICATE BU24078898

This report is for 114 samples of Drill Core submitted to our lab in Burnie, TAS, Australia on 25-MAR-2024.

The following have access to data associated with this certificate:

GRANT MACDONALD	GEOFFREY SUMMERS	

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
PUL-QC	Pulverizing QC Test
LEV-01	Waste Disposal Levy
SPLIT-Z	Pulp split for send out
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-21	Crush entire sample
PUL-23	Pulv Sample - Split/Retain
BAG-01	Bulk Master for Storage
BAG-21	Raw Sample in a new bag
SPL-21	Split sample - riffle splitter

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-AA25	Ore Grade Au 30g FA AA finish	AAS
ME-ICP61	34 element four acid ICP-AES	ICP-AES
ME-OG62	Ore Grade Elements - Four Acid	ICP-AES
Zn-OG62	Ore Grade Zn - Four Acid	

This is the Final Report and supersedes any preliminary report with this certificate number.Results apply to samples as submitted.All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

James Hepburn, Laboratory Manager, Burnie

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QC CERTIFICATE OF ANALYSIS BU24078898

Sample Description / Method / Analyte / Units / LOD	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 As ppm 5	ME-ICP61 Cu ppm 1	ME-ICP61 Pb ppm 2	ME-ICP61 Zn ppm 2	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
STANDARDS										
CT-22	2.42									
Target Range - Lower Bound	2.42									
Upper Bound	2.74									
EMOG-17		67.7	580	8200	7300	7550				
EMOG-17		68.7	571	8270	7170	7390				
Target Range - Lower Bound		60.4	517	7740	6570	6800				
Upper Bound		75.0	643	8910	8030	8320				
EMOG-17							68	0.839	0.729	0.757
Target Range - Lower Bound							64	0.803	0.704	0.729
Upper Bound							71	0.863	0.757	0.784
GBM321-8		3.0	51	3560	2040	1075				
Target Range - Lower Bound		1.8	43	3380	1840	961				
Upper Bound		4.0	69	3890	2260	1180				
GBM398-1							5	1.465	2.64	2.02
Target Range - Lower Bound							3	1.430	2.57	1.955
Upper Bound							7	1.535	2.76	2.10
MRCA-21		8.7	15	921	902	820				
Target Range - Lower Bound		7.0	8	876	814	740				
Upper Bound		9.8	30	1010	1000	908				
OREAS 139							79	0.035	2.23	13.60
Target Range - Lower Bound							73	0.025	2.13	13.15
Upper Bound							80	0.029	2.29	14.10
OREAS 240b	5.60									
Target Range - Lower Bound	5.30									
Upper Bound	6.00									
OREAS 297	17.60									
Target Range - Lower Bound	16.75									
Upper Bound	18.90									
OREAS 922		1.1	8	2240	63	267				
OREAS 922		1.1	9	2160	62	270				
Target Range - Lower Bound		<0.5	<5	1970	51	238				
Upper Bound		1.9	17	2270	67	296				
OREAS L11	0.30									
Target Range - Lower Bound	0.28									
Upper Bound	0.33									

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Sample Description / Method / Analyte / Units / LOD	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 As ppm 5	ME-ICP61 Cu ppm 1	ME-ICP61 Pb ppm 2	ME-ICP61 Zn ppm 2	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
BLANKS										
BLANK	<0.01									
BLANK	<0.01									
Target Range - Lower Bound	<0.01									
Upper Bound	0.02									
BLANK		<0.5	<5	<1	<2	<2				
BLANK		<0.5	<5	<1	<2	<2				
BLANK		<0.5	<5	<1	<2	<2				
Target Range - Lower Bound		<0.5	<5	<1	<2	<2				
Upper Bound		1.0	10	2	4	4				
BLANK							<1	0.001	<0.001	0.001
Target Range - Lower Bound							<1	<0.001	<0.001	<0.001
Upper Bound							2	0.002	0.002	0.002
DUPLICATES										
42489		19.7	390	508	4170	>10000				1.115
DUP		20.2	396	524	4220	>10000	21	0.067	0.425	1.120
Target Range - Lower Bound		18.5	368	497	3980	9500	19	0.064	0.413	1.090
Upper Bound		21.4	418	535	4410	>10000	23	0.070	0.437	1.145
42536		<0.5	137	67	21	51				
DUP		<0.5	126	63	20	49				
Target Range - Lower Bound		<0.5	120	62	17	46				
Upper Bound		1.0	143	68	24	55				
Composite 2	<0.01									
DUP	<0.01									
Target Range - Lower Bound	<0.01									
Upper Bound	0.02									
Composite 10		<0.5	13	36	16	87				
DUP		<0.5	13	36	16	87				
Target Range - Lower Bound		<0.5	7	34	13	81				
Upper Bound		1.0	19	38	19	93				

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Sample Description	Method Analyte Units LOD	Au-AA25 Au ppm 0.01	ME-ICP61 Ag ppm 0.5	ME-ICP61 As ppm 5	ME-ICP61 Cu ppm 1	ME-ICP61 Pb ppm 2	ME-ICP61 Zn ppm 2	Ag-OG62 Ag ppm 1	Cu-OG62 Cu % 0.001	Pb-OG62 Pb % 0.001	Zn-OG62 Zn % 0.001
DUPLICATES											
ORIGINAL		<0.01									
DUP		<0.01									
Target Range - Lower Bound		<0.01									
Upper Bound		0.02									

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