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Mineral Exploration and Engineering Consultants

BLUESTONE MINES TASMANIA JOINT VENTURE PTY LTD

MEMORANDUM

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DATE:	1/08/2025
SUBJECT:	2025 Commonwealth Hill/DC DHEM report

1 SUMMARY

Downhole EM (DHEM) was conducted on S1699 and S1182 at the at DC/Commonwealth prospect in 2025. The aim of this survey was to follow up on strong responses found in a 1987 DHEM survey of S1182. The DHEM identified several highly conductive zones coinciding with sulphide intersections. The highest priority target is a deep south/southeast dipping zone at approximately 580m below surface that sits within the Renison mine sequence and coincides with significant sulphides and up to 0.5% tin.

Another large and highly conductive zone is present 50m up hole, apparently at the contact between the CCF and DHM. The models are large, dip south to southeast and extend much further west than the other models.

All of the main targets appear to be moderately to gently dipping. Size is poorly constrained because many of the targets are too big for DHEM to see the edges. This means there is potential for the large conductors to be more extensive.

Many other smaller and shallow response were modelled and found to coincide to sulphides intersections however, these are small and appear to have very little tin.

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2 BACKGROUND

The 2025 Commonwealth Hill grid, or more specifically the DC prospect, was surveyed with downhole EM (DHEM) by Australian Geophysical Services in May. The survey was acquired as part of an ongoing EM exploration of the Renison tenement with the Commonwealth grid aiming to explore the southern regions, ~2km southwest of Renison. The new drillhole S1699, and the historic drillhole S1182 were each surveyed using two loops.

Mineralisation at Renison is exogranite replacement style occurring within the Crimson Creek Formation. Ore is mainly disseminated cassiterite within groups of massive pyrrhotite bodies. The three main forms are found as stratabound massive sulphide orebodies, fault enclosed massive sulphides and cassiterite and tourmaline as disseminations within quartzite.

The Commonwealth grid was originally set up in 1968/69 and lies just south of the Pine Hill Graite, covering the contact between the ultramafics and the Crimson Creek sediments. The area was surveyed with ground magnetics, pole-dipole and gradient array IP, down-hole EM and self-potential (SP). Regional datasets of high resolution heli-magnetics (superseding the ground magnetics) and 2002 Hummingbird frequency domain survey is also available over this area (see figures below).

Encouragingly, historic IP found strong 30-50ms IP anomalies directly east of the current DHEM. This can be seen in the maps from Bishop's 1983 review (see Figure 5). The area directly to the west was not surveyed with IP and therefore these anomalies could very well extend much further west. The self-potential surveys did not find any anomalies of note.

The 1987 DHEM on hole S1182 was done using an early generation SIROTEM system. The survey was a trial of the effectiveness of DHEM in exploratory holes, since DHEM was a relatively new exploration tool at that time. The hole was surveyed with five 300x300m loops, as shown in Figure 1. The multitude of loops was necessary because, unlike modern probes, the SIROTEM probe only measured the A component vector of the EM signal. Repeating the survey with different directions of energisation (the different loops) allowed estimate of direction-to and orientation-of any conductors. The results found several strong conductors however the models produced are extremely unreliable due to the limitations of technology at the time.

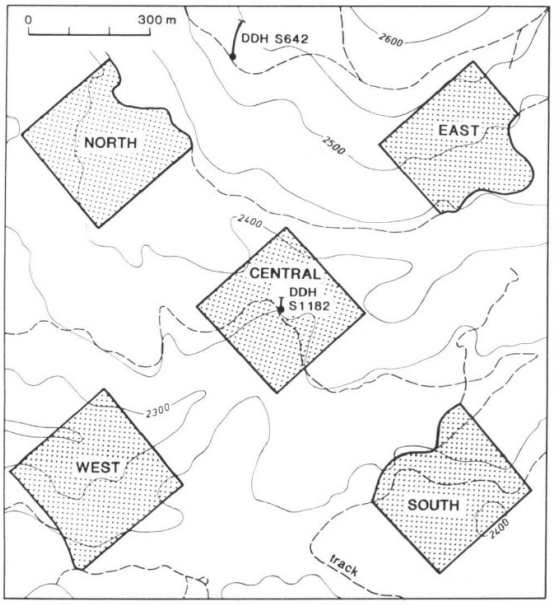

Figure 1: Bishop et al. 1987 DHEM transmitter loop positions for S1182.

S1182 was resurveyed with modern equipment because modern probes (B-field) are much better suited for detecting good conductors and, being 3 component, do not suffer from the ambiguity of the single component Sirotem. Having said that, S1182 is very close to vertical, so it was important to address the rotation problems carefully. In this case, the cross component data was rotated using the measured primary field rather than the more typical probe orientation data.

A more in-depth review of previous geophysics is provided in Mitre's Renison_2023_DHEM_FLEM_Ringrose_report.pdf.

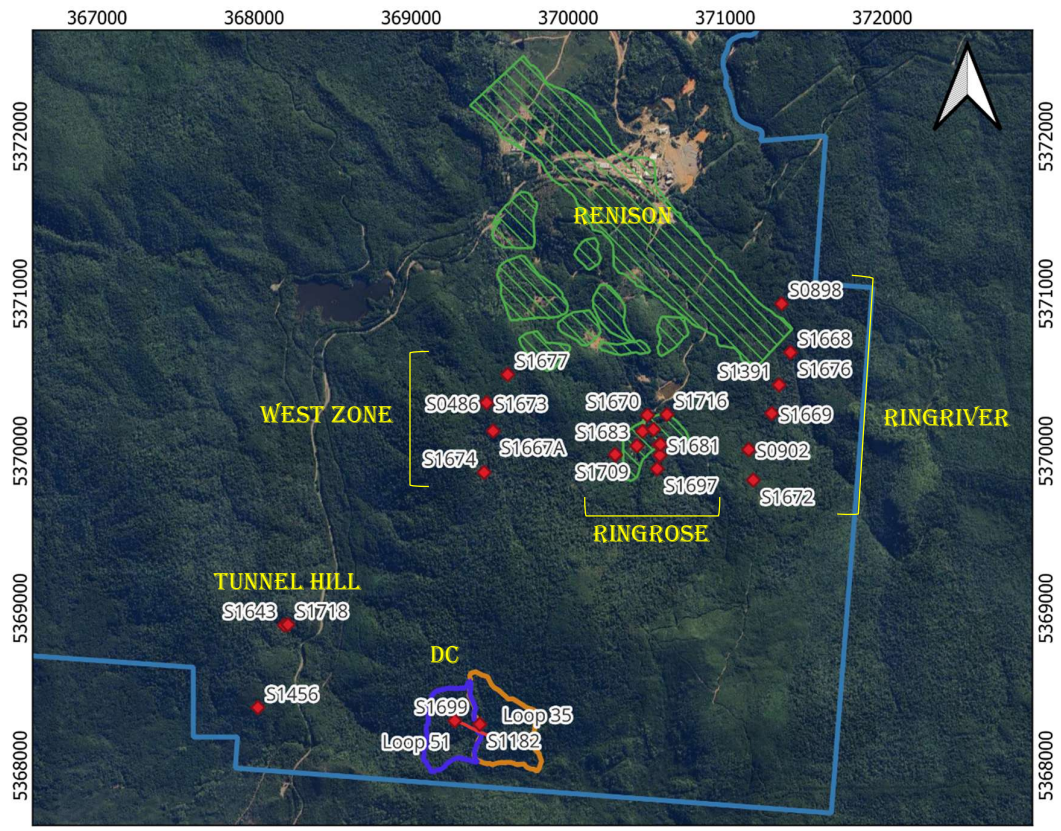

Figure 2: Renison DHEM collar locations and prospect names for 2019-2025. Renison ore body is shown as a green polygon. Commonwealth Hill/DC DHEM survey loops are also shown.

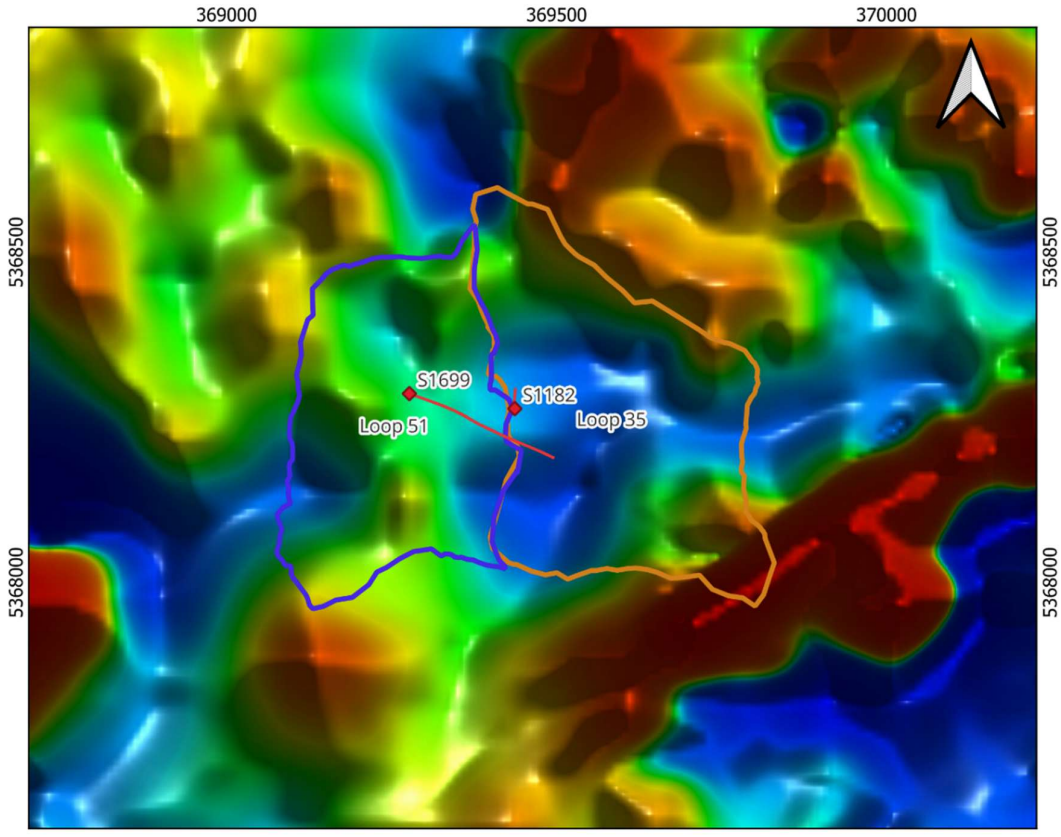

Figure 3: Magnetics (reduce-to-filter, 1st vertical derivative filtered) map with 2025 drillholes and loops.

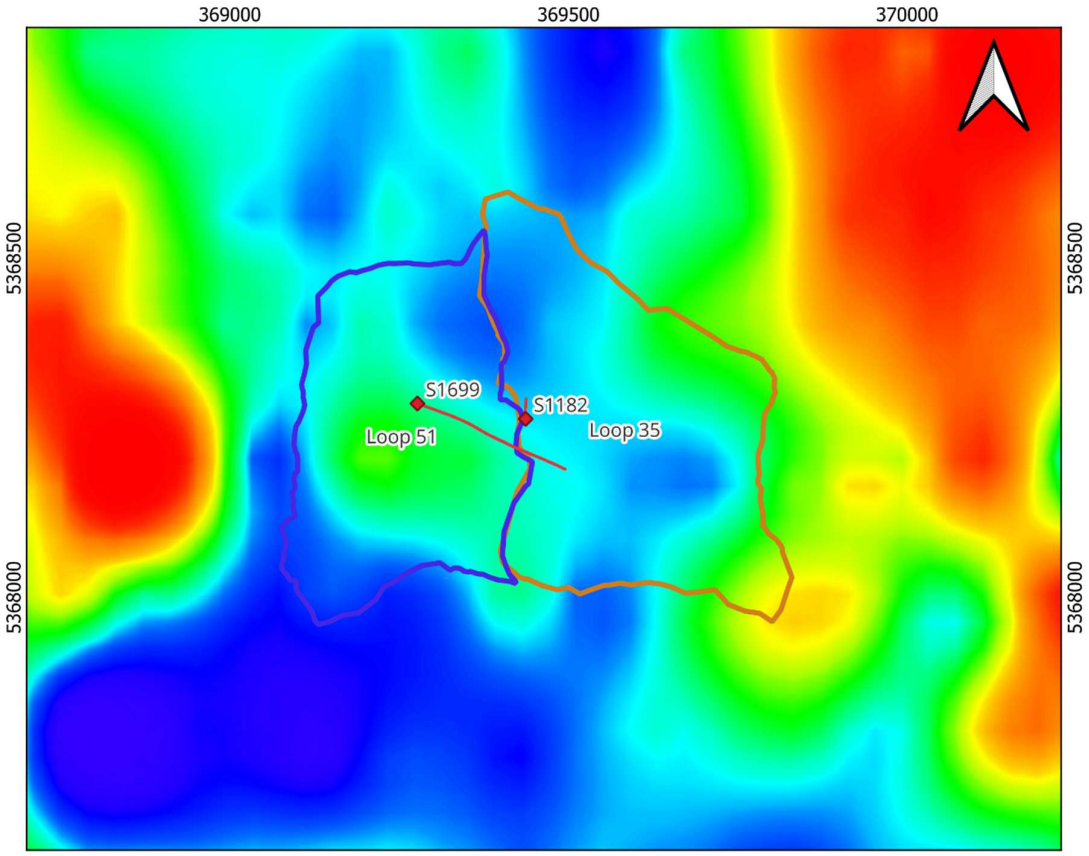

Figure 4: 2002 HEM 880Hz CP map with 2025 drillholes and loops.

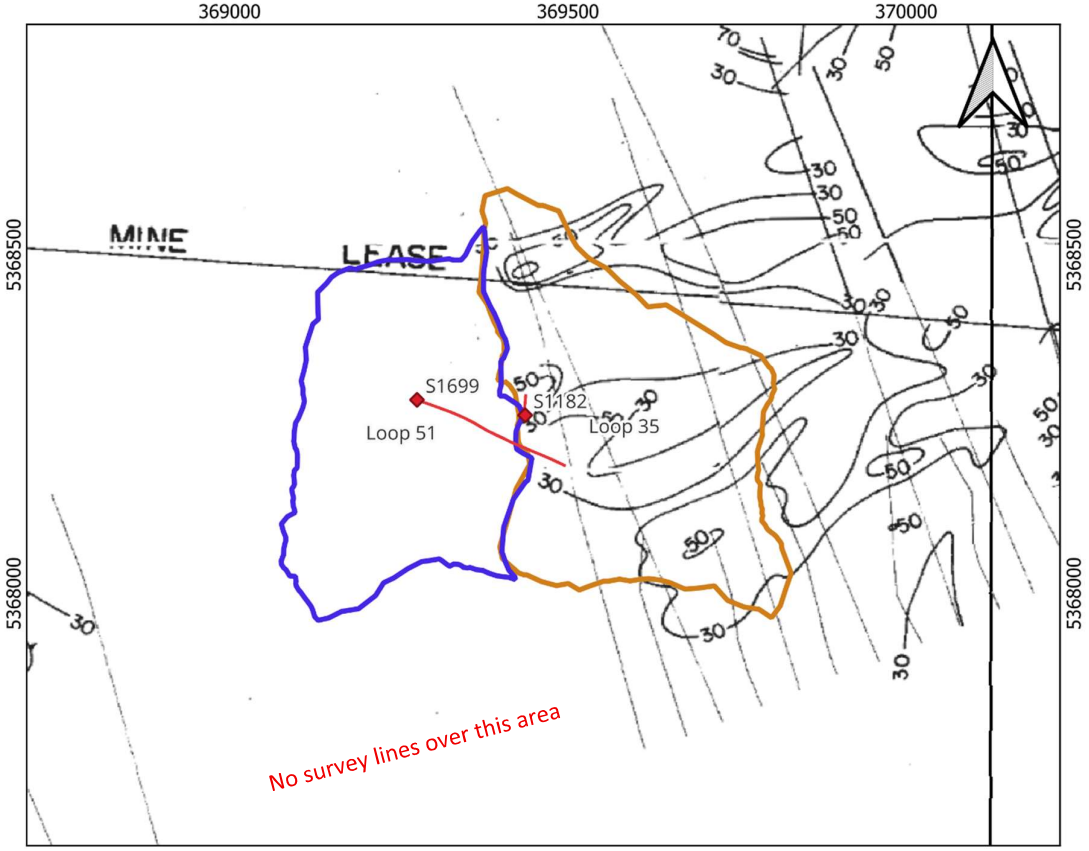

Figure 5: Bishop's 1983 IP anomaly map showing high amplitude anomalies of ~30-50ms.

3 SURVEY PARAMETERS

3.1 1699 SURVEY PARAMETERS

Date: 10-12th May 2025
Contractor: AGS
Collar location: 369276.80mE, 5368286.04mN, 369RL
Projection system: GDA94 MGA zone 55
Hole azimuth, dip, depth: 109.10°, 72.92°, 800m
Tx current: 68A (Loop 35), 70A (Loop 51)
Components: AUV
Frequency: 0.5Hz
Transmitter: GeoResults DRTX TX4
Receiver: SMARTem24
Probe: DigiAtlantis#184
Rotation: calculated using accelerometers
Stacks: 106-128
Units: pT/A
Channels: 39 Channels over the interval 0.087 to 417.625msec
Loop: Loop 35 ~410x380m, Loop 51 ~440x350m
Loop corner coordinates: See table below.

3.2 1182 SURVEY PARAMETERS

Date: 15-17th May
Contractor: AGS
Collar location: 369436.61mE, 5368263.35mN, 360.9RL
Projection system: GDA94 MGA zone 55
Hole azimuth, dip, depth: 317.99°, 90°, 746m
Tx current: 68A (Loop 35), 70A (Loop 51)
Components: AUV
Frequency: 0.5Hz
Transmitter: GeoResults DRTX TX4
Receiver: SMARTem24
Probe: DigiAtlantis#184
Rotation: calculated using VPRI
Stacks: 116-128
Units: pT/A
Channels: 39 Channels over the interval 0.087 to 417.625msec
Loop: Loop 35 ~410x380m, Loop 51 ~440x350m
Loop corner coordinates: See table below.

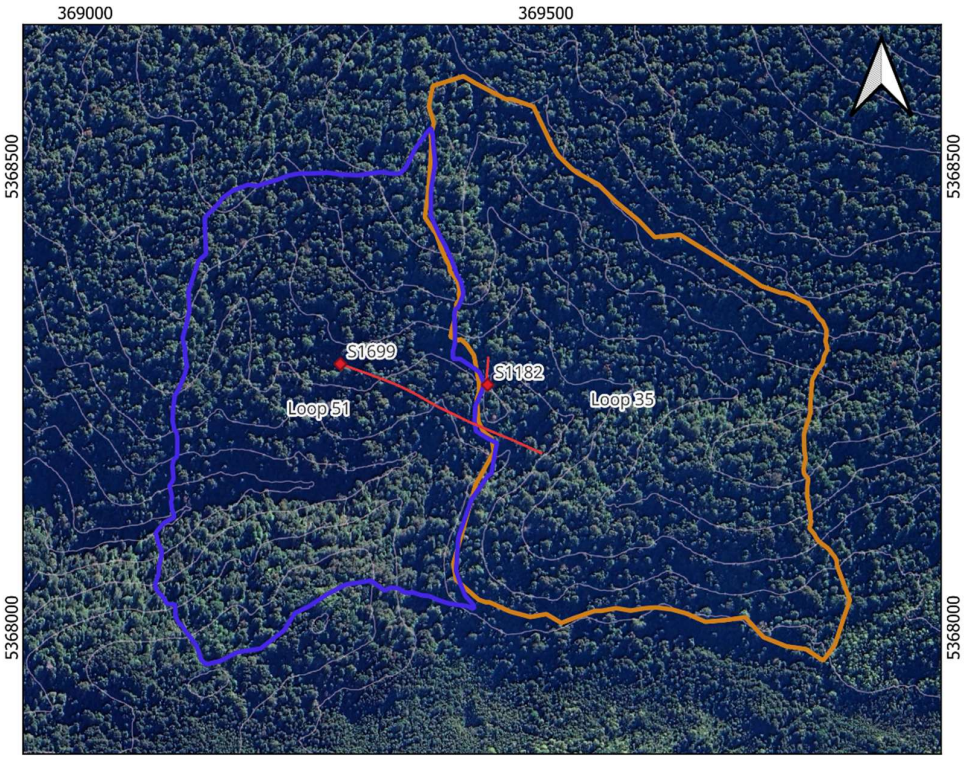

Figure 6: Map showing drillhole and loop locations and elevation 20m contours.

Table 1: Loop 35 corner coordinates

Easting	Northing	RL
369377.8	5368549	436.629
369373	5368567	435.54
369410.4	5368598	436.574
369456.4	5368573	439.641
369506.1	5368524	433.588
369534	5368493	438.198
369576.1	5368462	442.373
369618	5368423	447.07
369680.8	5368404	454.696
369733.5	5368371	449.032
369785.1	5368351	455.109
369804.4	5368323	441.228
369805.5	5368302	431.197
369788.9	5368269	416.669
369782.4	5368219	429.113
369780.5	5368191	429.76
369779.4	5368172	422.858
369783.3	5368142	408.629
369786.3	5368119	395.699
369791.4	5368101	384.019
369804.7	5368087	371.777
369815.5	5368073	361.671
369820	5368056	353.721
369822.6	5368009	345.003
369800.7	5367964	338.659
369760.7	5367980	336.195
369716.3	5368011	342.508
369673	5368006	332.453
369636.7	5368020	337.311
369606.6	5368021	343.483
369576.1	5368021	346.461
369530.5	5368011	341.064
369500.3	5368015	350.802
369460.8	5368018	349.976
369427	5368030	346.504
369399.2	5368069	344.719
369423.6	5368155	344.142
369440.9	5368206	349.784
369426.6	5368224	354.943
369425	5368249	356.19
369426.1	5368272	360.262
369413.9	5368307	374.535
369400.6	5368333	385.951
369406	5368366	405.531
369395.8	5368387	413.228
369381	5368427	424.305
369371.3	5368465	430.345
369375.7	5368525	437.098

Table 2: Loop 51 corner coordinates

Easting	Northing	RL
369375.6	5368543	436.6
369375.7	5368543	436.6
369348.9	5368501	430.66
369314.2	5368495	421.62
369262.2	5368495	411.4
369219.8	5368492	394.97
369186.8	5368480	399.62
369143.7	5368460	400.93
369131.5	5368407	387.46
369113.6	5368346	379.41
369108.4	5368276	364.51
369095.6	5368239	354.33
369099.3	5368213	337.69
369096.2	5368184	318
369094.8	5368160	302.7
369094.7	5368143	291.77
369094.3	5368120	278.38
369079.5	5368094	291.05
369080.7	5368069	307.61
369076.3	5368050	320.43
369084	5368036	330.65
369098.5	5368019	343.27
369111.1	5367995	358.2
369126	5367967	374.41
369165.7	5367975	374.81
369227.9	5368017	373.29
369284.2	5368049	374.31
369318.8	5368046	354.56
369343	5368044	336.16
369354.9	5368043	327.79
369382.5	5368032	333.37
369413.8	5368025	341.79
369407.9	5368048	347.11
369419.6	5368141	343.97
369433.8	5368209	349.94
369423.8	5368242	355.17
369432.8	5368267	360.39
369407.4	5368293	364.85
369401.7	5368319	378
369406.7	5368353	398.81
369396.8	5368403	418.51
369375.6	5368475	432.14
369378.4	5368523	437.14

4 DATA & MODELLING

The DHEM profiles are provided in Appendix 1.

Overall, the noise levels are very low with an average of 0.1pT/A (6.8-7pT).

The models were constructed using Maxwell. The plates are named to capture basic information about their location, strength and reliability according to the following format.

[Hole name]_[Type of response]@[depth of response]_[quality/confidence]_[conductance]S

> [Type of response]: IHR = in hole response i.e. the source has been intersected by the hole, Edge = hole has intersected very close to the edge, OHR = source is off hole, BHR = off hole below the hole, AHR= above the hole, EOHR= end of hole response –something beyond the end of the hole.
>
> [Quality/confidence]: *A* through to *D*. This is a combined estimate of how reliable the EM model is and how interesting the response is from an exploration standpoint. Poorly resolved plates with high uncertainty attract low rankings, even though they might be good exploration targets. Similarly, very well constrained but very small plates also mostly have low rankings, because they have little exploration value. Good size, well constrained plates have high rankings.
>
> [Depth of response] reflects the point downhole that the response is strongest *which, for OHR, is not necessarily the point downhole closest to the plate*. However, for intersection responses this is usually the depth which the hole has intersected the source. Note that, generally, DHEM depths are only accurate to around 5-15m downhole depending on station spacing, hole length (stretch in the cable), and errors on the winch odometer. E.g. if a plate conductor is intersected at 595m according to the plate model, any sulphides between 580 and 610m could be the source.

4.1 S1699 AND S1182

Geology intersections: S1699 starts in the Crimson Creek Formation. The hole intersected DHM at 562m and the Renison mine sequence at 599m. DM is intersected at 610m. The Dalcoath member then continues from 610-768m and finally the Pine Hill granite until the end of hole at 800m.

Sulphide intersections: Pyrrhotite levels are pretty low (0-3%, avg 1%) until 196-230m which is a broad zone of skarn with up 7% pyrrhotite. There is also elevated pyrrhotite at 270-285, 320-350m, 420m, 520m, 525m, 601-607m, and 610-615m. The only good tin assays are 0.2%, 0.3% and 0.5% Sn from 600-607m and 0.27%, 0.5% and 0.12% Sn from 612-615m.

S1182 also starts in the Crimson Creek Formation until 500m where it changes to the Dreadnought Hill Member from 500-540m. The mine sequence is logged from 540-545 (Unit 1) and 545-552 (Red Rock Member). The Dalcoath member and granite is logged until the end of hole at 746m. Faults are mapped at 111m, 300m, 330m, 500m, 580m, 608m.

S1182 also has abundant sulphides with intersections in the Crimson Creek Formation at 24m and 41m (2.5%), 78-111m (10%), 115-120m (2.5%), 135-206m (2.5%), 250-289m (2.5-12.5%), 300-368m (2.5%), 415-450m (2.5-12.5%) and 480-494m (2.5%). Near the mine sequence has intersection from 530-599m (up to 12.5%) and the Dalcoath member/granite from 657-678m (2.5-5%). The only elevated tin logged in this hole is 0.13% at 437-438m, however, there are many gaps in the log.

S1699 Response at 200m: The response is very narrow, indicating the source is very close, possibly almost clipping the drillhole at about 196m, and quite small. The response has been modelled with a small, moderately southeast dipping 50x50m plate, S1699_IHR_@200m_D_500S. The plate could easily be much bigger than modelled but with the limitation that it is not seen in S1182. The dip is relatively well constrained. The logging indicates an intersection of up to 9% sulphides (mostly pyrrhotite) for ~50m in a skarn unit but no good tin assays.

Note that we tried a plate with the same orientation as the structural measurement on the upper contact of the skarn at this depth (depth of 196.1m and dip of 46° towards 238°). This plate produced the wrong coupling with the two different transmitter loops, so it seems that the sulphides are in a different orientation to the skarn unit. The bedding orientation at this depth (40° towards 154°) is fairly similar to the DHEM plate orientation. This suggest the sulphides are bedding parallel.

S1699 off-hole response 280-420m: This broad off-hole response is centred at ~340m downhole. A similar response is also observed in S1182 at the same depth, indicating the source is between the two holes. The model for this source is S1182_OHR@310m_C_1000S. It is 100x80m, steeply dipping, north-east striking 1000S plate that runs parallel to the drillhole. Lithology at this depth does not show very high sulphides, which is unsurprising as the source is off-hole. The source could easily be much larger than modelled, particularly along strike to the northwest and southeast.

Edge responses at 430m and 460m: Two responses that are very similar in character and only 30m apart. The responses are very narrow and low amplitude meaning the source is very close to the hole and quite small. The models, S1699_IHR@430m_C_500S and S1699_IHR@460m_C_1500S, dip moderately towards the east, but they are only 50x55m and very poorly constrained. The positions correlate well with intersection of 12% sulphides at 430m for ~2m and 4-5% sulphides from 450-470m. There are no tin assays of note. It is worth mentioning that S1182 has an intersection of 2.5-12.5% sulphides at 415-450m with 0.13% tin intersection at 437-438m. This in turn corresponds to a very tiny EM response in S1182. It is not impossible for these to be the same zone; however, the plate would have only just clipped the hole. The logs of these zones do not support this theory as the lithology are very different with S1699 logging Volcanic sandstone and S1182 logging skarn and greywacke.

S1699 Edge response at 490m: This response is only really seen in S1699_Loop51, indicating it must have null coupling with Loop 35. The necessity for null coupling with loop 35 enforces a moderate west dip which is in directly opposite of the dip from the other conductors at this depth. The nearest structural measurement (bedding plane oriented at 29° towards 220°), however, agrees fairly well with the modelled plate orientation. The plate model is

S1699_OHR@490m_B_1500S. It is 120x100m and located to the west of S1699, very close to the hole. The location and orientation are well defined, but the zone could be bigger than modelled. An intersection of 5-6% sulphides is present at this point but once again, no tin.

S1182 strong off-hole response at 540m: This anomaly is also present in S1699 as a strong off hole response at 570m. The response in S1699 is quite sharp but very broad, indicating that the drillhole is close to the edge and the source is large. The model is fairly poorly constrained. We can tell that it is large to very large, and probably roughly flat lying. Dip direction could be anything from east to south to north, since the source is approximately flat. Two different version of the plate are supplied. The first option is a 150x220m plate called S1182_OHR@540m_B_v1_4000S. The second version is S1182_OHR@540m_B_v2_3000S, which is a better fit to the late time data for loop 52. Variation in coupling between loop 51 and 35 explains some of the differences between the model size because loop 51 is better coupled. Both versions of the model are very gently, almost horizontally, dipping to the southeast and located west of the holes. The dip is flat, but dip direction is really not known at all: The nearest core structural measurements for bedding at 37° towards 210°, 30° towards 235° and 38° towards 334°. All of these orientations would also work for the DHEM. The logging in this area does not see any tin however the plate does seem to be tracking the upper contact of the CCF and the DHM, which lends some credence to both the estimate dip and dip direction. S1699 records only 1% pyrrhotite at 570m which suggest the hole has not intersected any part of the source.

S1182 strong but narrow intersection at 545m: This is almost certainly the same zone, albeit a slightly less conductive section, as S1182_OHR@550m. The model is called S1182_IHR@545m_A_500S and it is a 120x120m, gently southward dipping plate. Size is limited to quite small, but orientation is poorly defined because of the overwhelming competition from the other conductors at this depth. The drill log records 10% pyrrhotite in RRM from 540 to 550m, which is the cause of the response. Importantly, in S1699, this zone is associated with decent tin.

S1182 strong off-hole response at 550m: This anomaly is equivalent to the off hole response in S1699 at 600m downhole. The plate models are S1182_OHR@550m_A_4000S and S1699_OHR@600m_A_4000S. These plates are both large, 150x150m and highly conductive. The location and geometry of these plates are fairly well constrained. Together with S1182_IHR@545m_500S, these likely represent the same conductive southward dipping zone that sits within mine sequence. Sulphides are intersected up to 11% in S1699 and tin intercepts of 0.2%, 0.3% and 0.5% were found from 600-607m and 0.27%, 0.5% and 0.12% from 612-615m. Overall, this is a very good target and has not been adequately tested. S1699_OHR@600m_A_4000S has just clipped by S1699 however the main part of the response is further west. The nearest structural measured in S1699 is bedding, dipping at 20° towards 255°. The current DHEM plate models are 15° towards 150° but it would be fairly easy to fit something gently towards the southeast as well.

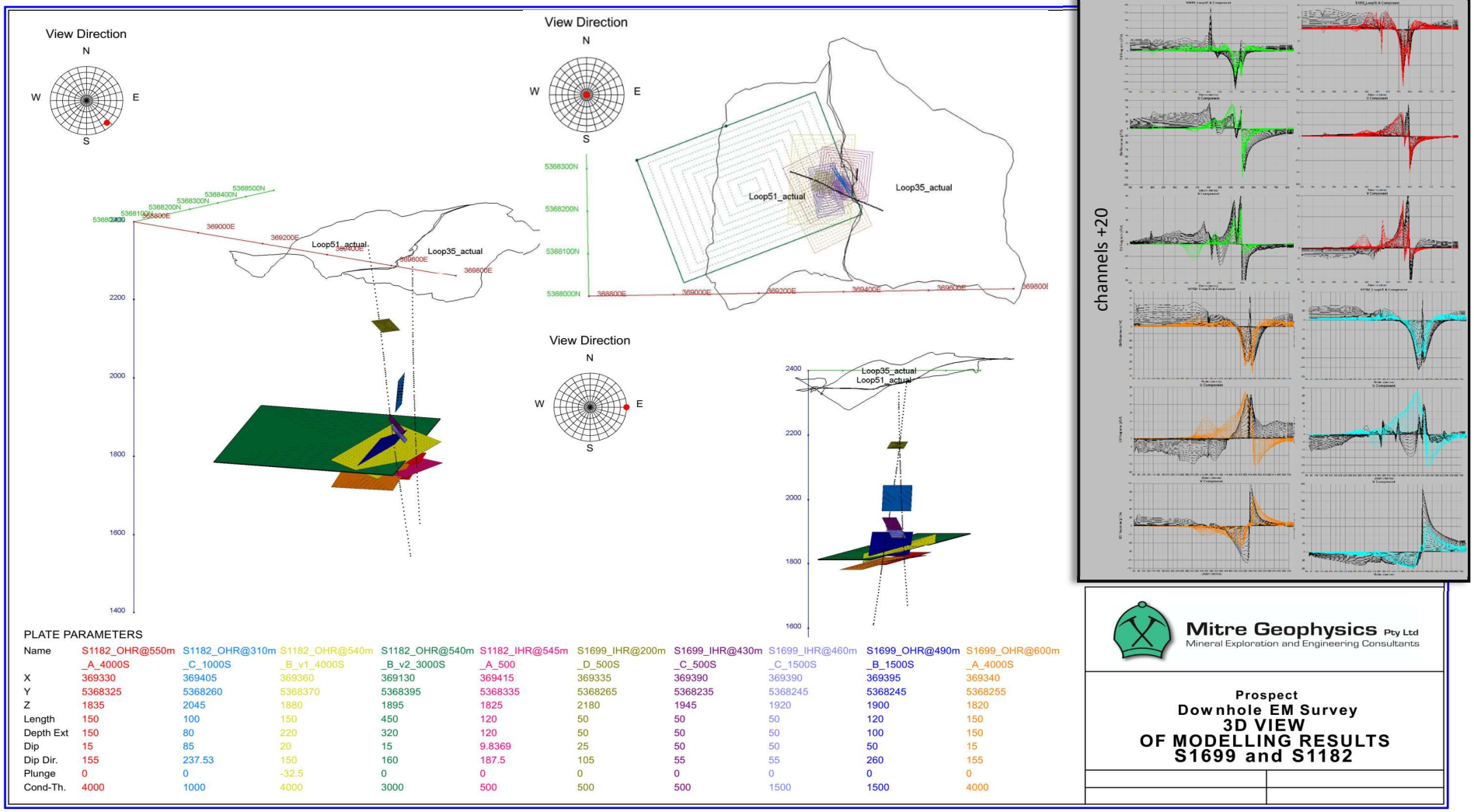

PLATE PARAMETERS

Name	S1182_OHR@550m _A_4000S	S1182_OHR@310m _C_1000S	S1182_OHR@540m _B_v1_4000S	S1182_OHR@540m _B_v2_3000S	S1182_IHR@545m _A_500	S1699_IHR@200m _D_500S	S1699_IHR@430m _C_500S	S1699_IHR@460m _C_1500S	S1699_OHR@490m _B_1500S	S1699_OHR@600m _A_4000S
X	369330	369405	369360	369130	369415	369335	369390	369390	369395	369340
Y	5368325	5368260	5368370	5368395	5368335	5368265	5368235	5368245	5368245	5368255
Z	1835	2045	1880	1895	1825	2180	1945	1920	1900	1820
Length	150	100	150	450	120	50	50	50	120	150
Depth Ext	150	80	220	320	120	50	50	50	100	150
Dip	15	85	20	15	9.8369	25	50	50	50	15
Dip Dir.	155	237.53	150	160	187.5	105	55	55	260	155
Plunge	0	0	-32.5	0	0	0	0	0	0	0
Cond-Th.	4000	1000	4000	3000	500	500	500	1500	1500	4000

Figure 7: EM plate models for S1699 and S1182 Loops 35 and 51.

4.2 PLATE CORNER COORDINATES

Table 3: Plate corner coordinates.

Plate	Easting	Northing	Elevation
S1182_OHR@550m_A_4000S	369398	5368357	1835
S1182_OHR@550m_A_4000S	369262	5368293	1835
S1182_OHR@550m_A_4000S	369323.3	5368162	1796.177
S1182_OHR@550m_A_4000S	369459.2	5368225	1796.177
S1182_OHR@310m_C_1000S	369431.8	5368218	2045
S1182_OHR@310m_C_1000S	369378.2	5368302	2045
S1182_OHR@310m_C_1000S	369372.3	5368298	1965.304
S1182_OHR@310m_C_1000S	369426	5368214	1965.304
S1182_OHR@540m_B_v1_4000S	369433.7	5368369	1866.218
S1182_OHR@540m_B_v1_4000S	369286.3	5368371	1893.783
S1182_OHR@540m_B_v1_4000S	369271.1	5368161	1830.322
S1182_OHR@540m_B_v1_4000S	369418.5	5368159	1802.757
S1182_OHR@540m_B_v2_3000S	369341.4	5368472	1895
S1182_OHR@540m_B_v2_3000S	368918.6	5368318	1895
S1182_OHR@540m_B_v2_3000S	369024.3	5368028	1812.178
S1182_OHR@540m_B_v2_3000S	369447.1	5368181	1812.178
S1182_IHR@545m_A_500S	369474.5	5368327	1825
S1182_IHR@545m_A_500S	369355.5	5368343	1825
S1182_IHR@545m_A_500S	369340.1	5368226	1804.499
S1182_IHR@545m_A_500S	369459.1	5368210	1804.499
S1699_IHR@200m_D_500S	369341.5	5368289	2180
S1699_IHR@200m_D_500S	369328.5	5368241	2180
S1699_IHR@200m_D_500S	369372.3	5368229	2158.869
S1699_IHR@200m_D_500S	369385.2	5368277	2158.869
S1699_IHR@430m_C_500S	369375.7	5368255	1945
S1699_IHR@430m_C_500S	369404.3	5368215	1945
S1699_IHR@430m_C_500S	369430.7	5368233	1906.698
S1699_IHR@430m_C_500S	369402	5368274	1906.698
S1699_IHR@460m_C_1500S	369375.7	5368265	1920
S1699_IHR@460m_C_1500S	369404.3	5368225	1920
S1699_IHR@460m_C_1500S	369430.7	5368243	1881.698
S1699_IHR@460m_C_1500S	369402	5368284	1881.698
S1699_OHR@490m_B_1500S	369405.4	5368186	1900
S1699_OHR@490m_B_1500S	369384.6	5368304	1900
S1699_OHR@490m_B_1500S	369321.3	5368293	1823.396
S1699_OHR@490m_B_1500S	369342.1	5368175	1823.396
S1699_OHR@600m_A_4000S	369408	5368287	1820
S1699_OHR@600m_A_4000S	369272	5368223	1820
S1699_OHR@600m_A_4000S	369333.3	5368092	1781.177
S1699_OHR@600m_A_4000S	369469.2	5368155	1781.177

5 CONCLUSIONS

The results from the 2025 DHEM at DC/Commonwealth found several highly conductive zones. Overall, the two drillholes were in good agreement with each other, and the historic S1182 data. The most exciting target identified is a deep southward dipping zone ~580m below surface. This zone has been modelled with three large, highly conductive plates S1182_IHR@545m_A_500S, S1182_OHR@550m_A_4000S and S1699_OHR@600m_A_4000S. This zone sits within the mine sequence and coincides with significant sulphides intersections of up to 11% and up to 0.5% tin.

Directly above (<50m up hole) is another large and highly conductive zone. The models here are large, dip south to southeast and have a much further western extent then the conductors below. A slightly lower ranking is given to these as while there were lots of sulphides logged, there was not much tin. That being said, none of the plate models can be considered properly tested.

Many other smaller and shallow response were modelled and found to coincide to sulphides in skarn units however, these are small and appear to have very little tin.

6 CONTACT DETAILS

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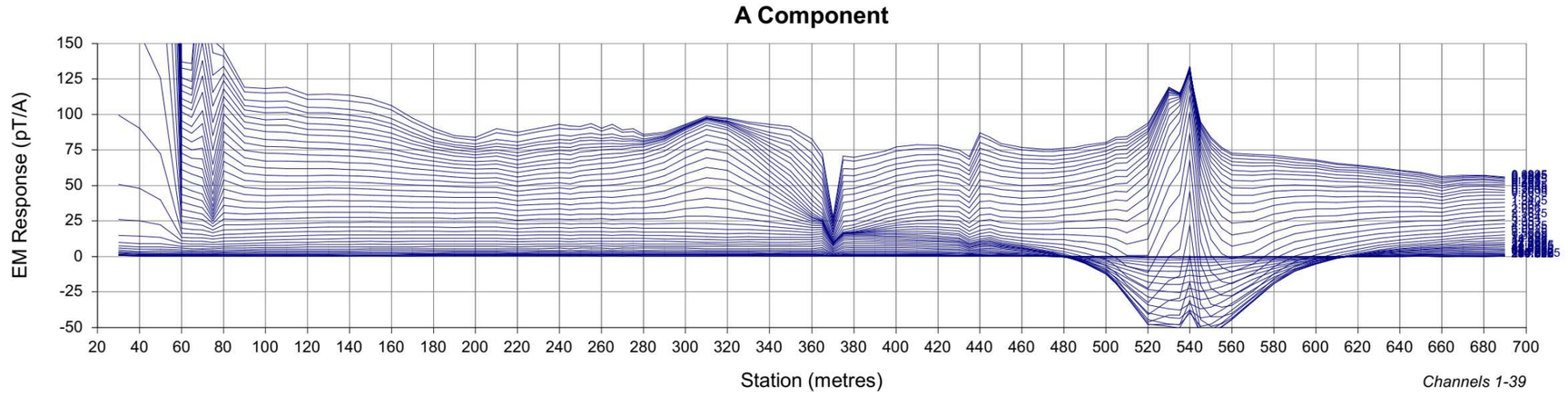
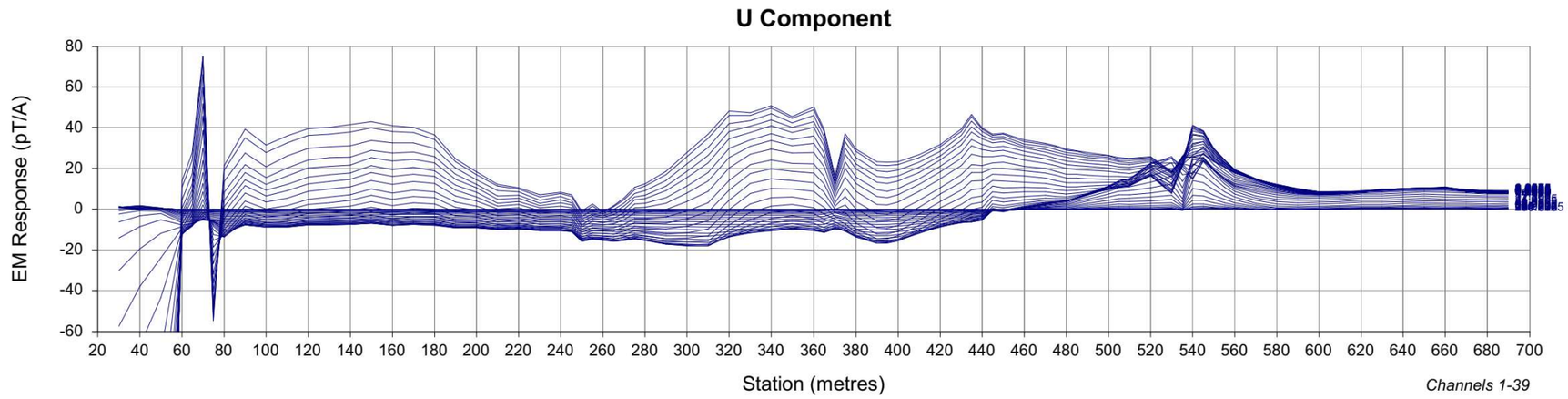
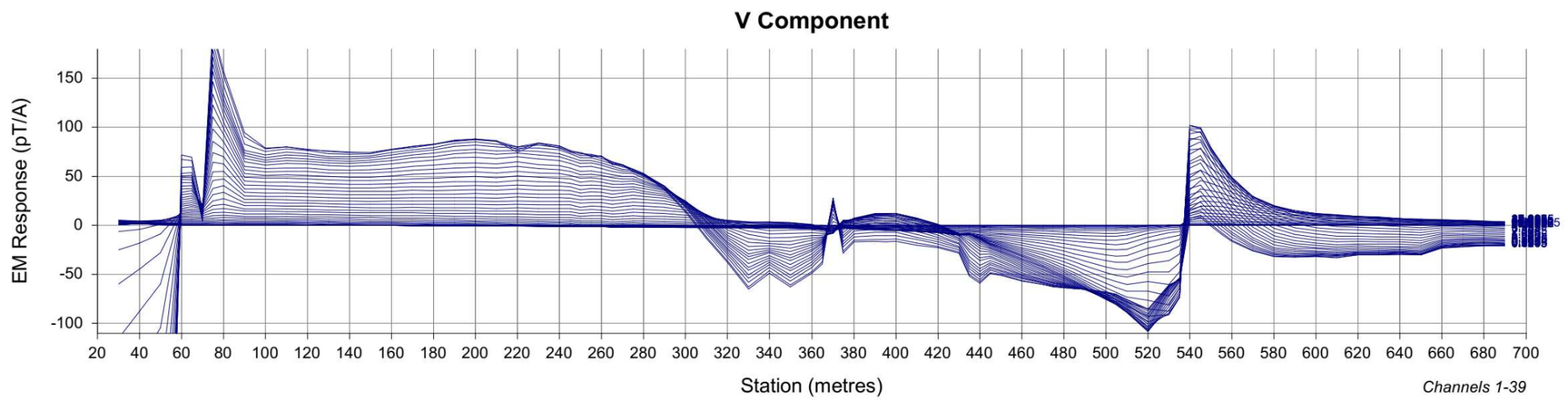
Junior geophysicist
kelly.vaughantaylor@mitregeophysics.com.au

7 APPENDIX 1: PROFILES







WINDOW TIMES (ms): Centre
From the end of the turn off (500.835 ms)

1	: 0.0995	21	: 7.564
2	: 0.1245	22	: 9.390
3	: 0.1540	23	: 11.66
4	: 0.1910	24	: 14.47
5	: 0.2375	25	: 17.97
6	: 0.2950	26	: 22.31
7	: 0.3660	27	: 27.69
8	: 0.4545	28	: 34.38
9	: 0.5645	29	: 42.68
10	: 0.7005	30	: 52.99
11	: 0.8695	31	: 65.79
12	: 1.080	32	: 81.67
13	: 1.341	33	: 101.4
14	: 1.664	34	: 125.9
15	: 2.066	35	: 156.3
16	: 2.565	36	: 194.0
17	: 3.184	37	: 240.9
18	: 3.953	38	: 299.0
19	: 4.908	39	: 371.2
20	: 6.093		

SURVEY PARAMETERS

Configuration	: Downhole
Station Spacing	: 5-10 m

RECEIVER

Receiver	: DigiAtlantis
Frequency	: 0.5
Component	: A,U,V

TRANSMITTER

Transmitter	: Geonics
Loop	: Loop35_actual
Tx Current	: 68 A
Turn Off	: 0.835 ms

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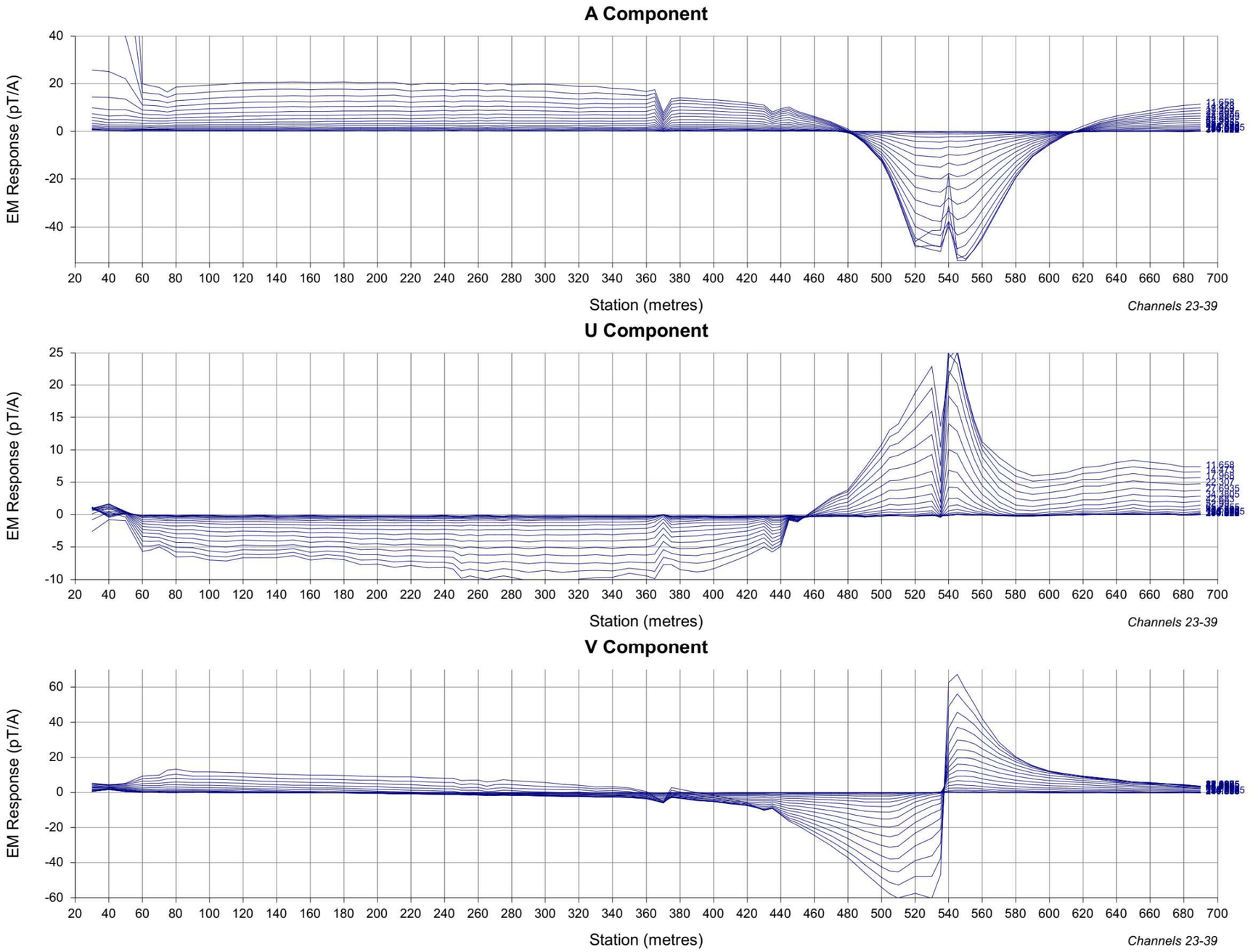
Prospect
Downhole EM Survey
PROFILES OF EM RESPONSE
Line S1182_Loop35



WINDOW TIMES (ms): Centre
From the end of the turn off (500.835 ms)

1	: 0.0995	21	: 7.564
2	: 0.1245	22	: 9.390
3	: 0.1540	23	: 11.66
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5	: 0.2375	25	: 17.97
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20	: 6.093		

SURVEY PARAMETERS

Configuration : Downhole
Station Spacing : 5-10 m

RECEIVER

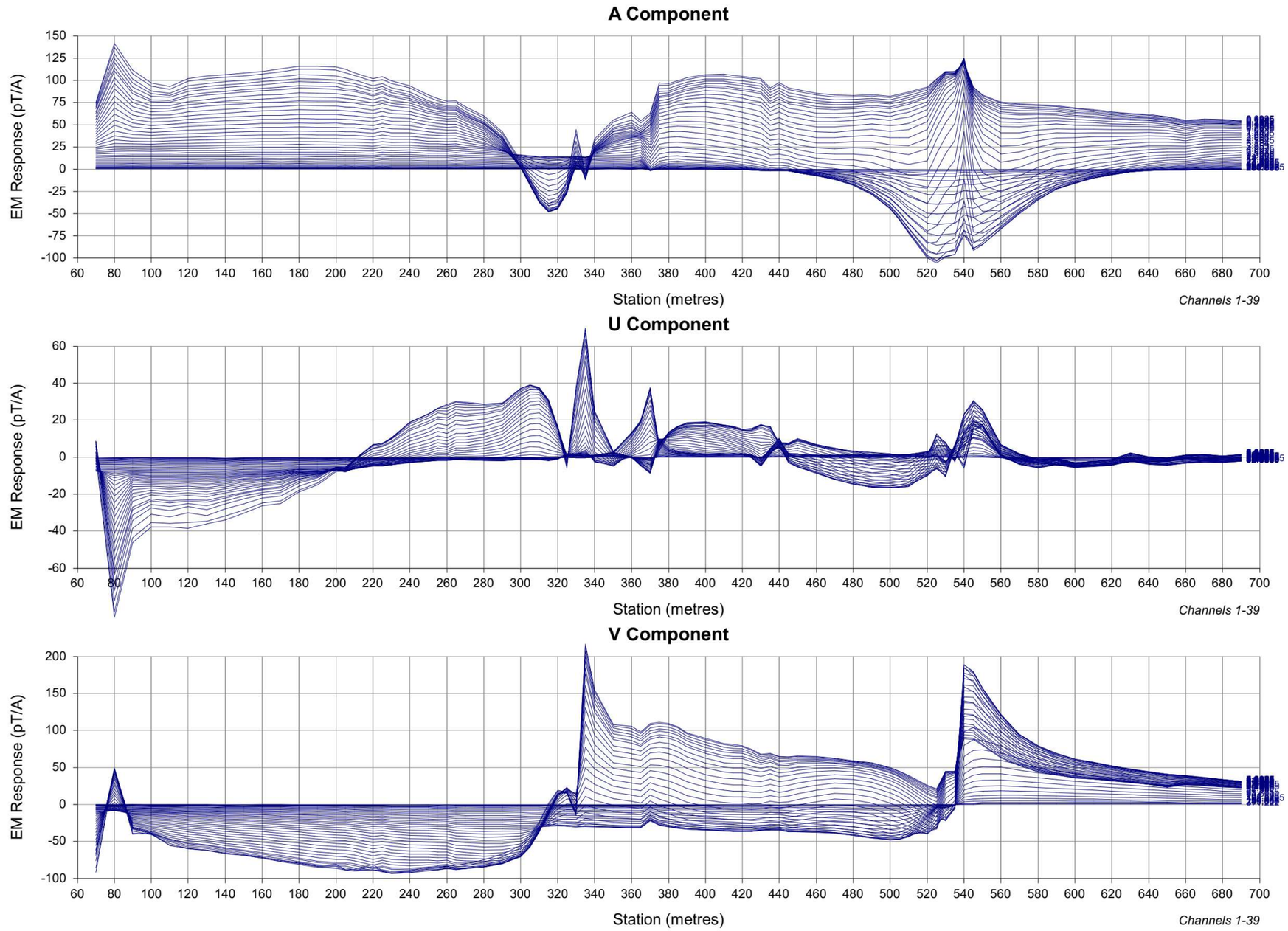
Receiver : DigiAtlantis
Frequency : 0.5
Component : A,U,V

TRANSMITTER

Transmitter : Geonics
Loop : Loop35_actual
Tx Current : 68 A
Turn Off : 0.835 ms

Mitre Geophysics Pty Ltd
Mineral Exploration and Engineering Consultants

Prospect
Downhole EM Survey
PROFILES OF
EM RESPONSE
Line S1182_Loop35



WINDOW TIMES (ms): Centre
From the end of the turn off (500.785 ms)

1	: 0.0995	21	: 7.564
2	: 0.1245	22	: 9.390
3	: 0.1540	23	: 11.66
4	: 0.1910	24	: 14.47
5	: 0.2375	25	: 17.97
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17	: 3.184	37	: 240.9
18	: 3.953	38	: 299.0
19	: 4.908	39	: 371.2
20	: 6.093		

SURVEY PARAMETERS

Configuration : Downhole
Station Spacing : 5-10 m

RECEIVER

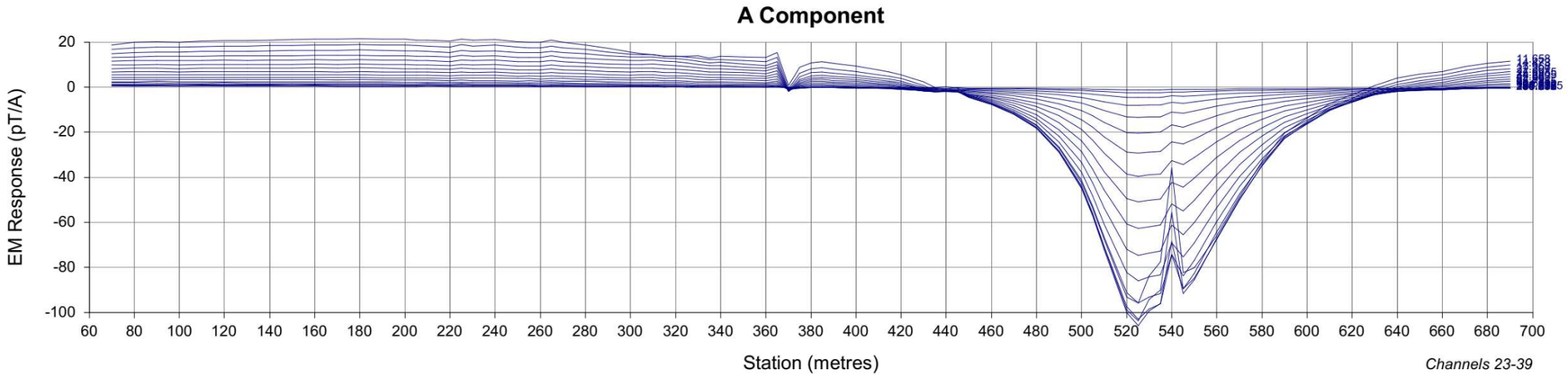
Receiver : DigiAtlantis
Frequency : 0.5
Component : A,U,V

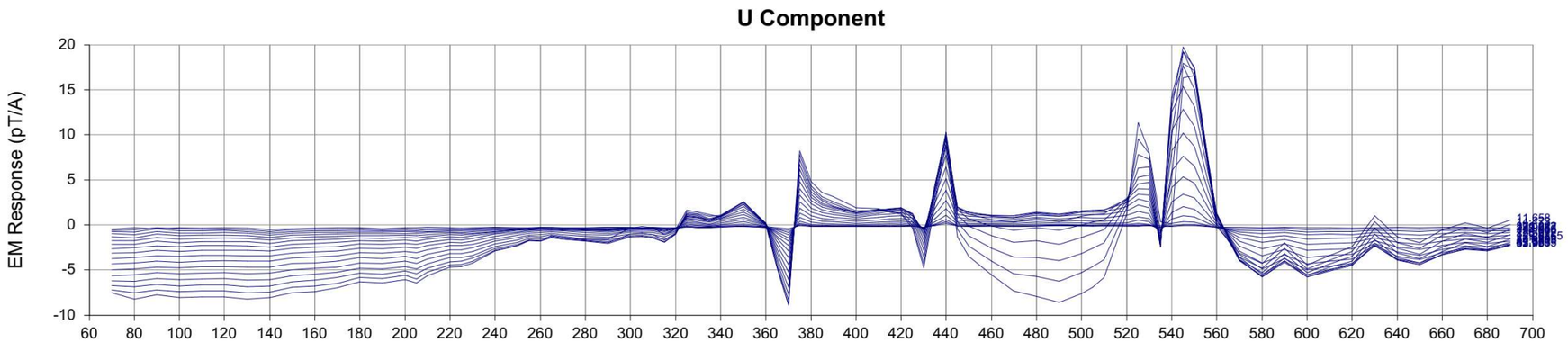
TRANSMITTER

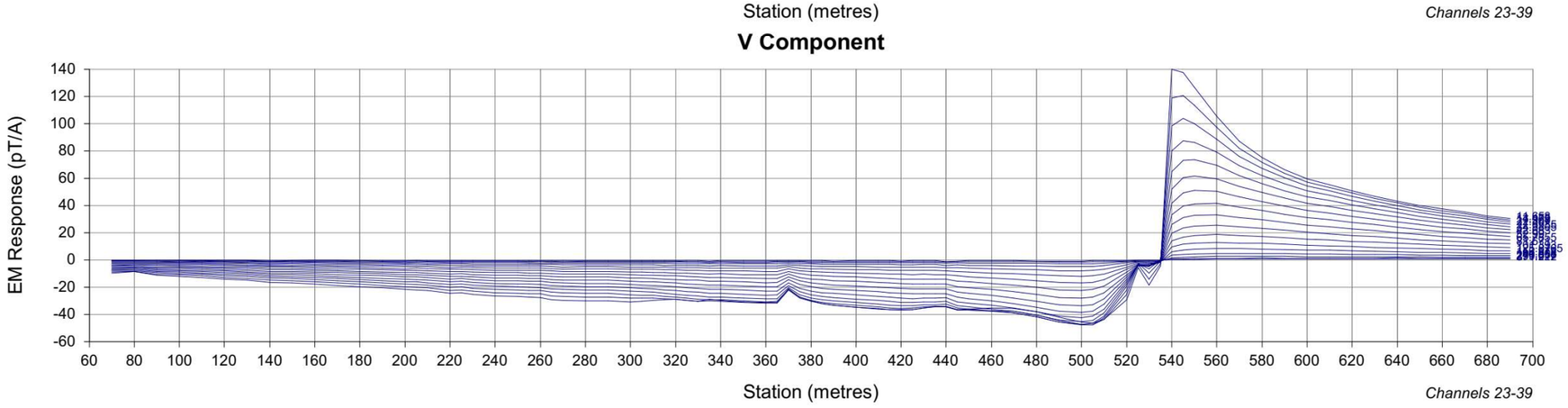
Transmitter : Geonics
Loop : Loop51_actual
Tx Current : 70 A
Turn Off : 0.785 ms

Mitre Geophysics Pty Ltd
Mineral Exploration and Engineering Consultants

Prospect
Downhole EM Survey
PROFILES OF
EM RESPONSE
Line S1182_Loop51







WINDOW TIMES (ms): Centre
From the end of the turn off (500.785 ms)

1	: 0.0995	21	: 7.564
2	: 0.1245	22	: 9.390
3	: 0.1540	23	: 11.66
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5	: 0.2375	25	: 17.97
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17	: 3.184	37	: 240.9
18	: 3.953	38	: 299.0
19	: 4.908	39	: 371.2
20	: 6.093		

SURVEY PARAMETERS

Configuration : Downhole
Station Spacing : 5-10 m

RECEIVER

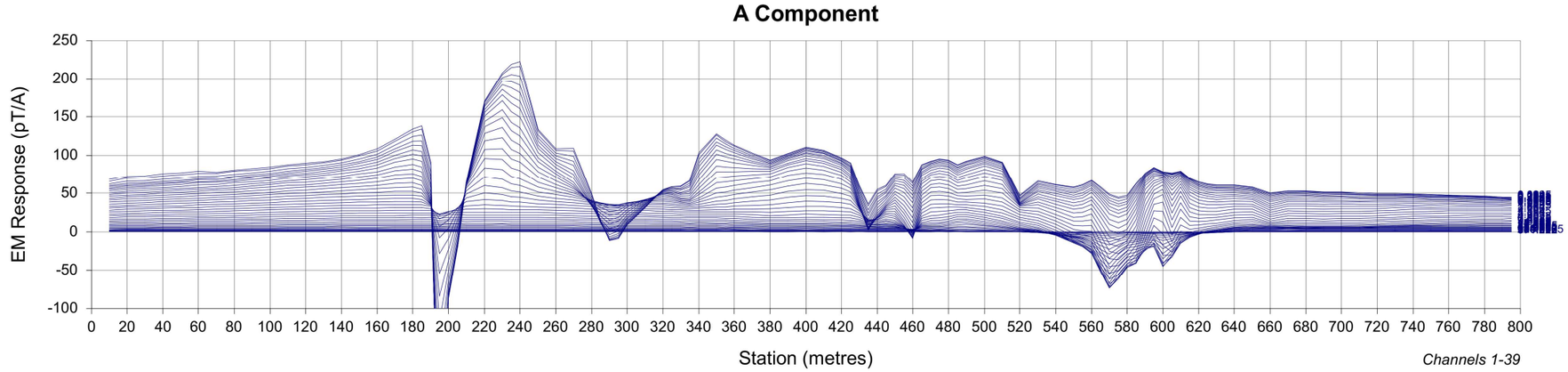
Receiver : DigiAtlantis
Frequency : 0.5
Component : A,U,V

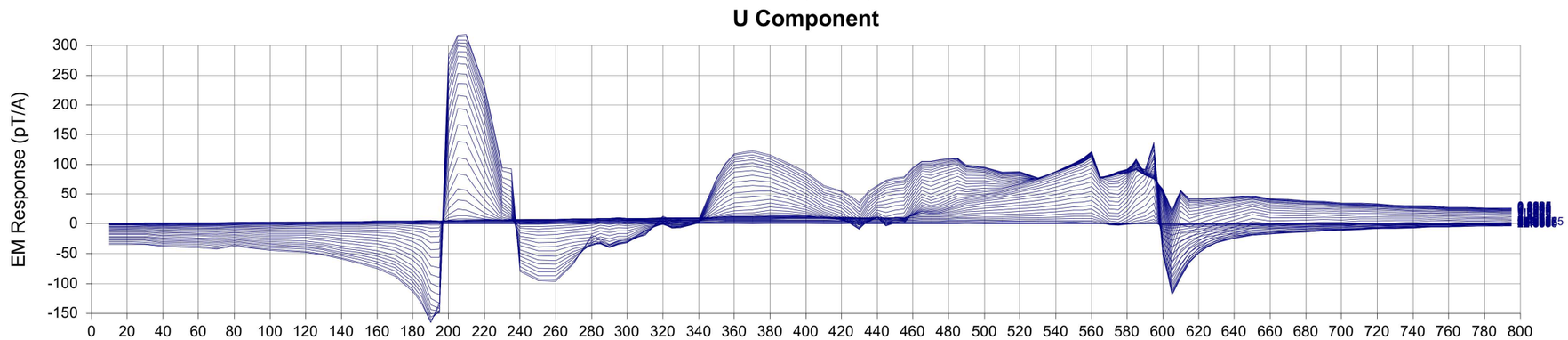
TRANSMITTER

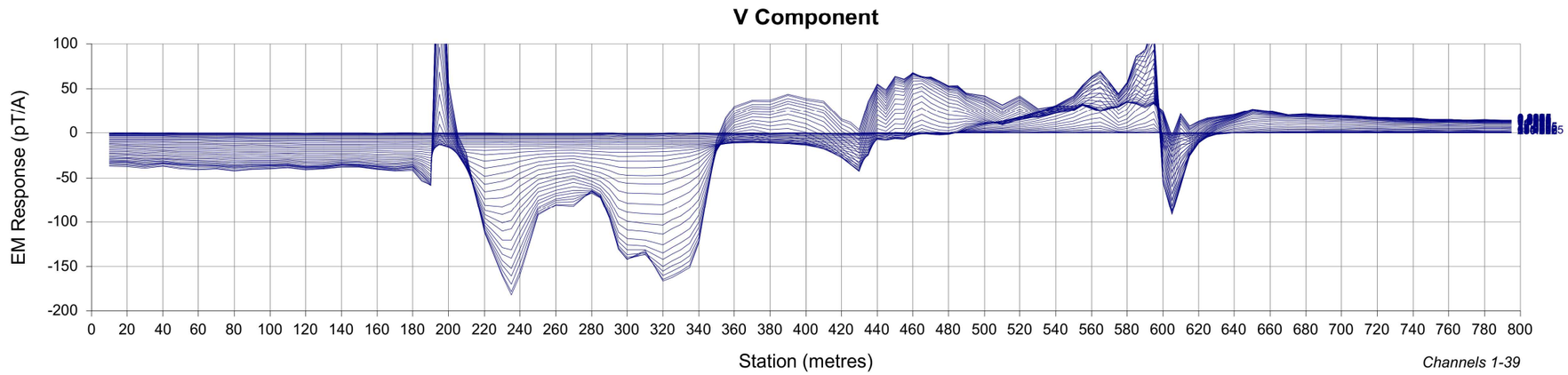
Transmitter : Geonics
Loop : Loop51_actual
Tx Current : 70 A
Turn Off : 0.785 ms

Mitre Geophysics Pty Ltd
Mineral Exploration and Engineering Consultants

Prospect
Downhole EM Survey
PROFILES OF
EM RESPONSE
Line S1182_Loop51







WINDOW TIMES (ms): Centre
From the end of the turn off (500.835 ms)

1	0.0995	21	7.564
2	0.1245	22	9.390
3	0.1540	23	11.66
4	0.1910	24	14.47
5	0.2375	25	17.97
6	0.2950	26	22.31
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18	3.953	38	299.0
19	4.908	39	371.2
20	6.093		

SURVEY PARAMETERS

Configuration	: Downhole
Station Spacing	: 5-10 m

RECEIVER

Receiver	: DigiAtlantis
Frequency	: 0.5
Component	: A,U,V

TRANSMITTER

Transmitter	: Geonics
Loop	: Loop35_actual
Tx Current	: 68 A
Turn Off	: 0.835 ms

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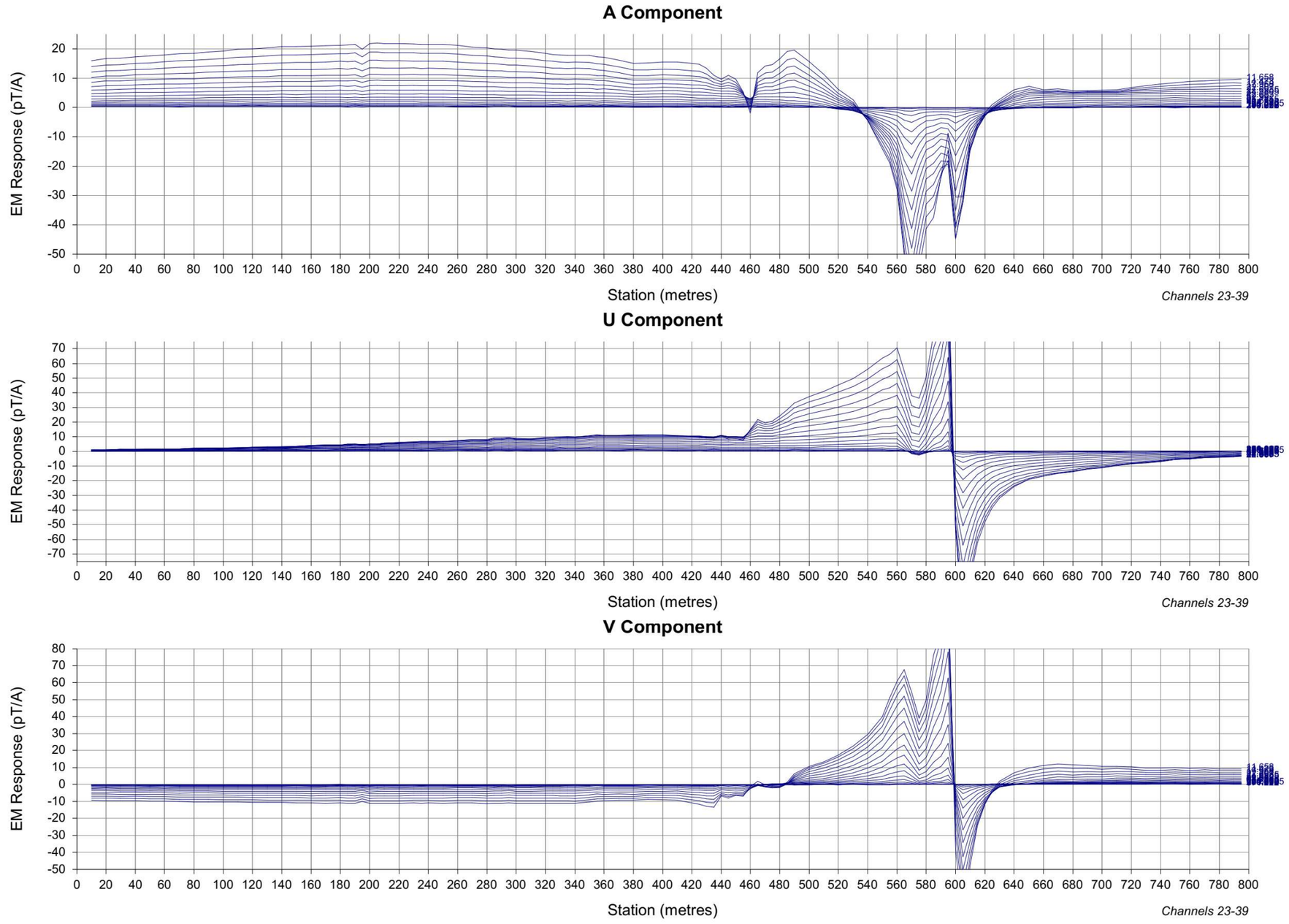
Prospect
Downhole EM Survey
PROFILES OF
EM RESPONSE
Line S1699_Loop35



WINDOW TIMES (ms): Centre
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2	: 0.1245	22	: 9.390
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20	: 6.093		

SURVEY PARAMETERS

Configuration : Downhole
Station Spacing : 5-10 m

RECEIVER

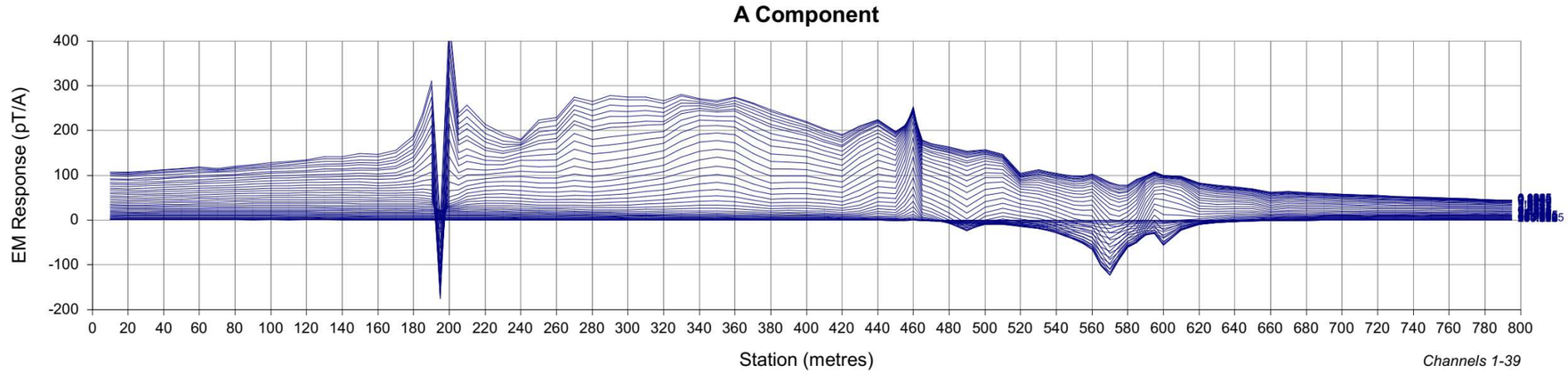
Receiver : DigiAtlantis
Frequency : 0.5
Component : A,U,V

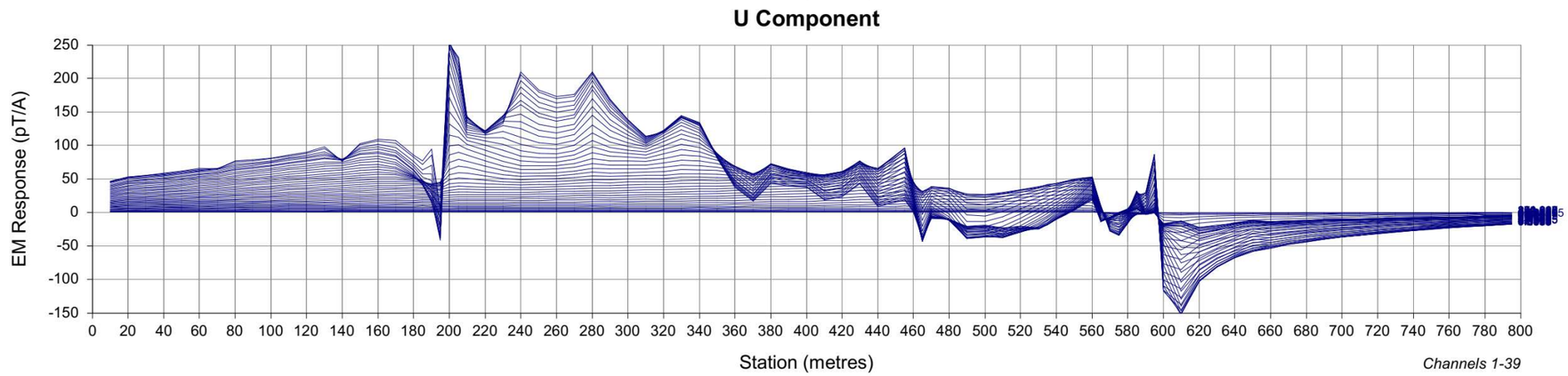
TRANSMITTER

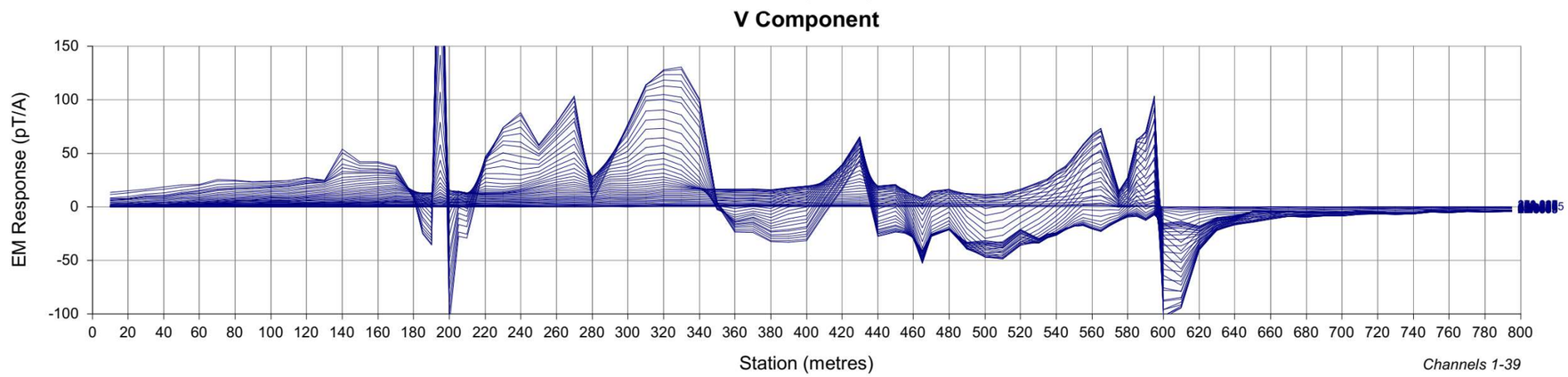
Transmitter : Geonics
Loop : Loop35_actual
Tx Current : 68 A
Turn Off : 0.835 ms

Mitre Geophysics Pty Ltd
Mineral Exploration and Engineering Consultants

Prospect
Downhole EM Survey
PROFILES OF EM RESPONSE
Line S1699_Loop35







WINDOW TIMES (ms): Centre
From the end of the turn off (500.785 ms)

1	0.0995	21	7.564
2	0.1245	22	9.390
3	0.1540	23	11.66
4	0.1910	24	14.47
5	0.2375	25	17.97
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20	6.093		

SURVEY PARAMETERS

Configuration : Downhole
Station Spacing : 5-10 m

RECEIVER

Receiver : DigiAtlantis
Frequency : 0.5
Component : A,U,V

TRANSMITTER

Transmitter : Geonics
Loop : Loop51_actual
Tx Current : 70 A
Turn Off : 0.785 ms

Mitre Geophysics Pty Ltd
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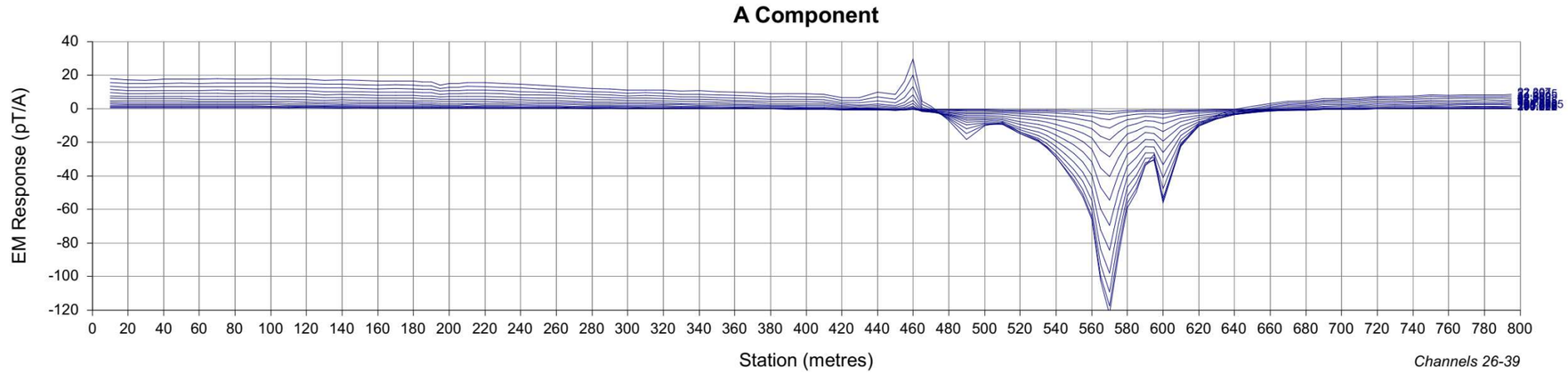
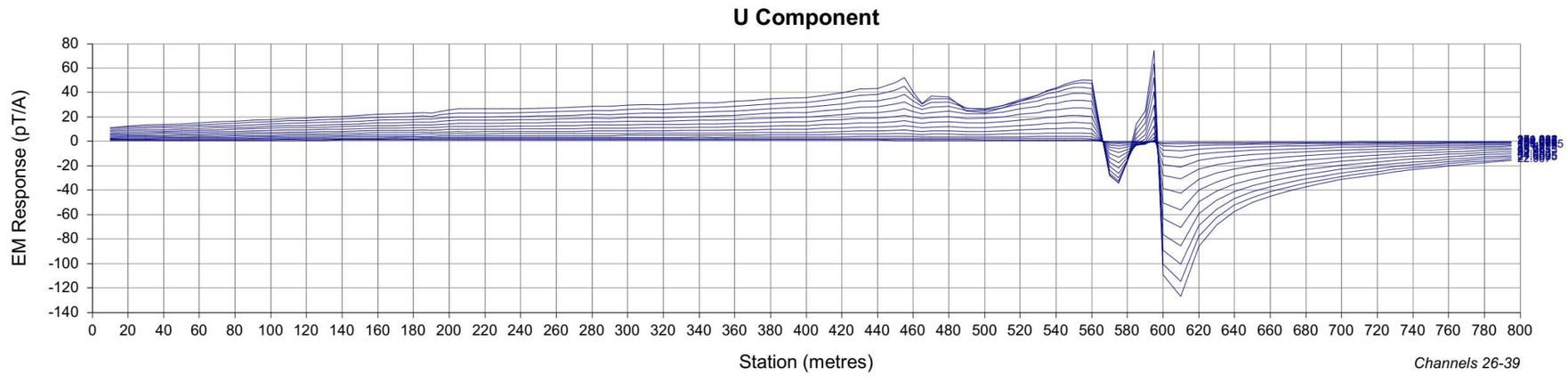
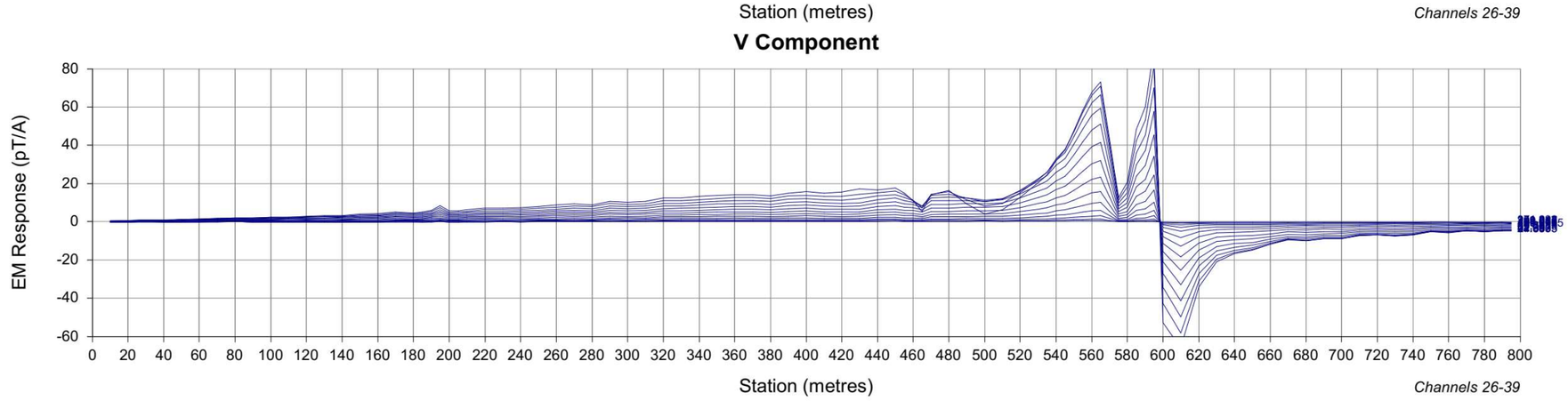
Prospect
Downhole EM Survey
PROFILES OF
EM RESPONSE
Line S1699_Loop51







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Transmitter : Geonics
Loop : Loop51_actual
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Prospect
Downhole EM Survey
PROFILES OF
EM RESPONSE
Line S1699_Loop51