EL31251 NUMERY

Annual Technical Report 2

23/11/2017 to 22/11/2018

GEMPART(NT)P/L

66 SMITH ST.

ALICE SPRINGS

NT 0870

ILLOGWA CREEK

COMMODITIES:Cu,Pb,Zn,Ag,Au,Ni,Cr,Co,PGEs,

Sn,W,Ta,Li,P,Th,U,REEs,Fe,Mn

250,000 Map sheet : Illogwa Creek SF 53-15

100,000 Map sheet : Limbla 5950, Illogwa 6050

AWMackie

January 2019

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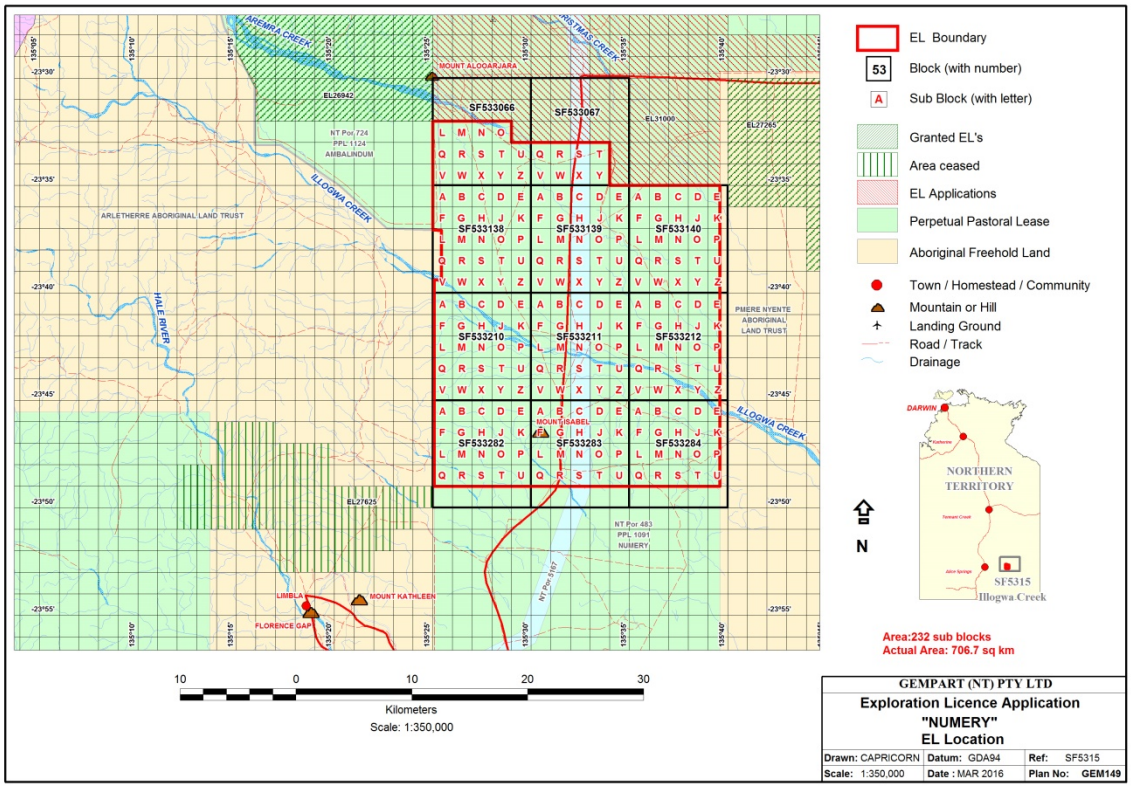
1.SUMMARY

During 2018 licence year a 200m x 200m spaced ground gravity survey comprising 1060 stations was undertaken by Daishsat over an area 8.4km x 4km (320sqkm) commencing from Goldmember in the east to Donald in the west,also including,from east to west Mini Me-MM West and EL Gordo copper prospects. 100m spaced infill was conducted over Goldmember-Mini Me and Donald prospects further enhancing existing bullseye Bouguer gravity highs requiring further investigation.At Donald hitherto unnamed,modelling has revealed a coincident gravity /AMAG anomaly aligned along a large north-trending structure commencing at a vertical depth of 170m requiring sub surface drill testing Consequently expenditure is set at $43000.00 for the forthcoming licence year.

EL31251 covers the eastern end of the ILLOGWA IOCG belt first recognised by NTGS in 2010 and comprehensively worked by MTH until 2014 discovering numerous cropping out copper prospects often associated with zones of regional hematite-magnetite-fluorite-silicic quartz vein –hosted alteration trending east south east over a strike length of 50km within a belt over 5km wide.Main copper prospects from north west to south east are Bigglesworth-Dixie-Powers-Austin-Nigel-EL Gordo-Mini Me West-Mini Me-Goldmember most of which were drill tested by MTH for mainly disappointing results?The southeastern copper prospect cluster namely Nigel-EL Gordo-Ivana-Mini Me West-Mini Me-Goldmember are all located within EL31251 cropping out over a 6km x 4km area.



2.INTRODUCTION

EL31251 covers the south eastern extension of the locally known ILLOGWA IOCG belt some 200km by road east south east of Alice Springs.The licence area is mainly flat-lying covered by a thin veneer of aeolian sand with klippens of Heavitree Quartzite rising up to 150m above the sandy plain.

3.LOCATION AND ACCESS

Access from Alice Springs is east via Ross River highway for 25km until the turnoff to Ringwood is reached then east south east for 90km on a well formed beef road to Ringwood from there its south east for 36km to Brigadier Hill then east for 21km to Numery Station turnoff.From there its north on a Station track for 10km to No 8 Perseverence Bore continuing north for 7km to Moonlight Bore.The licence area southern boundary (23 49')is 9km north of Moonlight Bore enroute to No 9 Bore a further 12km north. No 9 Bore is 3km east of Illogwa Bore however Illogwa Bore to Atnarta Bore on the northern boundary of licence area is north for 21km (on the main track to Indiana Station).From No 9 Bore to Junction Bore is east south east for 16km(3km beyond the eastern licence area boundary.Most of the licence area is accessible via Station tracks which are generally well maintained.

4.TENURE

EL31251 comprising 232 sub blocks (707sqkm) was granted to GEMPART(NT)P/L for 6 years 16th November 2016.A waiver of reduction was lodged and approved by Titles October 2017.

5.PREVIOUS EXPLORATION.

Refer Figures 2,2a-2o.

2009-2015 MTH Tenure

The only drilling prior to MTH 2012 program within the licence area was firstly AGIP NUCLEARE in the late 70s drilling for sedimentary uranium deposits hosted within unconsolidated sediments of Aremra Basin north of Illogwa Creek followed by Lindsay Johannsen in 1987 who drilled a 69m percussion drill hole adjacent to what is now referred to as Mini Me prospect.Lastly RIOTINTO in the mid 90s seeking sediment hosted copper deposits in the Limbla Syncline.

Also worthy of a mention prior to MTHs involvement was a trip by a GEOPEKO geologist to a copper occurrence hosted by quartz-hematite veins on a lease '4 miles south of Albarta Dam'ieBigglesworth.

He described 'strong epidote alteration, boxworks with silica and hematite, disseminated chalcopyrite and quartzose bodies 30-60m wide striking northwest'ie fault controlled alteration and mineralisation.

At Illogwa style of alteration ,mineral assemblages and structural setting consistent with known shear-hosted IOCG deposits such as ELOISE Cloncurry and Hillside Ardrossan SA.

Five NQ DDHs were drilled in November 2012 testing vein systems at Austin(3),Mini Me (1) and Bigglesworth (2)interestingly mapped veins at Austin were intersected at predicted depths while At Mini Me and Bigglesworth they did not persist down dip ie MMDDH001 intersected thin zones of disseminated chalcopyrite within broader zones of altered (red rock ,hematite-chlorite-sericite alteration)granite and metasediments.

RC drilling during September Quarter of 2012 intersected copper mineralisation at all prospects.Best result was ELGORDO MIRC008: 14m@0.34%Cu,0.05g/t,Au.from18m including one metre averaging 1.83%Cu,0.36g/t,Au. While at NIGEL MIRC012: 10m@0.34%,0.01g/t,Au.from 10m.

The Illogwa AMAG/RADS 100m l.s.(6500 line km) geophysical survey was flown by D.Daish during March 2012 while the ILLOGWA 300m l.s.VTEM AEM geophysical survey was flown October 2012 covering 500 sqkm of ILLOGWA IOCG area delineating multiple conductive features 5 of which are immediately along strike from cropping out Cu mineralisation?

During December Quarter 2012 an IP geophysical survey was conducted over 4 low to hi priority VTEM conductors namely FO1,FO2,FO3a and F03b at Mini Me lying within a large structural zone interpreted to control Mini Me mineralisation?

Mini Me West comprises 800m long coincident AEM and IP anomaly partially overlain by cropping out Cu mineralisation assaying up to 1.9%Cu.Modelling of geophysical anomalies suggests two parallel steeply north east –dipping massive sulphide bodies?Prospectivity enhanced by cropping out quartz – hematite alteration and Cu (malachite)mineralisation directly overlying IP anomaly.Mini Me in its entirety comprises sporadically cropping out Cu mineralisation /alteration over a strike length of 2000m ,2 to 50m wide with veinlets of primary chalcopyrite up to 150mm wide ,rockchips returning values of 0.13 – 7.8%Cu and 0.01-1.4g/t,Au.

At EL Gordo located 1km south south west of Mini Me Cu mineralisation/alteration sporadically crop out over a strike length of 800m x 2-10m wide.Rockchips returned values ranging from 0.7 to 12.6% Cu,0.1 to 1.0g/t,Au and 1.6 to 12.5g/t,Ag.A surface composite 7x1m continuous sample returned 7m averaging 0.94%Cu,2.8g/t,Ag and 0.05g/t,Au collected north to south across mineralisation.

At Nigel located 5km west of EL Gordo Cu mineralisation is associated with intense silica alteration returning rockchip values up to 1.7% Cu interestingly MM-ELGordo-Nigel are located along strike from each other within the same E-W trending structural zone which raises the possibility of the ILLOGWA area hosting a large structurally controlled IOCG mineralising system?

During 2012 MTH implemented a regional 400m x 200m soil sampling program (-5mm+1.6mm fraction)covering the entire southern third of EL31251 collecting 333 samples on Mt Isabel West 400m x 400m grid (which also included a ground gravity reading) and 1113 samples (including 284 infill samples at Ivana)on a 400m x 200m spaced grid.

During August 2012 a 13 RCDH program for 658m was completed over MINI ME: MIRC001-006(308m),ELGORDO:MIRC007-009(140m),GOLDMEMBER: MIRC010,011(97m) and NIGEL:MIRC012,0l3(113m) within the licence area.

MIRC008(63m):EL Gordo West,14m@0.34%Cu,1.26g/t,Ag,0.04g/t,Au from 18m mainly within quartz-veined granite coinciding with mineralisation.

MIRC007(50m) and MIRC009(27m) ie EL GORDO discovery outcrop.Scissor drill holes testing eastern extension of EL Gordo mineralisation,weak hematite/limonite alteration from 15-38m roughly coincident with down dip projection of surface mineralisation.

MIRC001-0005(30,34,60,25,95m respectively):5 drill holes testing Mini Me Cu mineralised lodes,intersecting several steeply dipping (70 degrees versus 50 degrees on surface) <2m Cu-quartz veins(0.03g/t,Au) +sheared 'red rock 'altered granite+carbonate and amphibolite.

MIRC006(64m):Mini Me discovery outcrop,drill hole collared directly under main Mini Me horizon comprising 2 x lodes of strong Cu mineralisation separated by 2m wide carbonate vein.Two thin quartz veins were intersected at predicted depth?Base of oxidation 24m.

MIRC010(60m):Goldmember 2m wide ironstone horizon intersected at 8m averaging 0.23%Cu,0.18g/t,Au.Chlorite alteration halo around ironstone horizon persisting to 22m,sheared granite-mafic pods-magnetic granite +/-pyrite over final 7m of drill hole.

MIRC011(37m):4m wide ironstone intersected ,trace Cu,Au .Sheared granitc gneiss.

MIRC012(37m):Nigel,10m averaging 0.34%Cu from 10m.

MIRC013(76m):Nigel,35m step-out designed to intersect above mineralised horizon below base of oxidation,no mineralisation intersected instead sheared granite-granitic gneisses+/-epidote-amphibolite pods-norite+/-cubic pyrite over final 7m.

As mentioned previously a gradient array and dipole-dipole IP/resistivity survey was conducted over WEST AUSTIN and MINI ME (24 line km)prospects during November 2012.At Mini Me,IP follow up of a string of fault style VTEM anomalies near structurally hosted ,mapped Cu mineralisation.ie test for chargeable responses coincident with VTEM anomalies and/or mapped mineralised trends.Interestingly IP showed strong chargeable responses in the gradient array up to 10 x back ground coincident with structurally controlled mapped surface mineralisation at Mini Me West.A dipole-dipole IP line over area of strongest response confirmed a strongly chargeable body at depth?

A 14RC drill hole for 1619m program was completed during September 2013 testing geophysical /geological targets at Mini Me West(1221m),EL Gordo(260m),Ivana(138m).

Mini Me West MIRC018-021(121m,199m,151m205m respectively):4 x scissor RC dhs testing 10 x chargeability anomaly and modelled EM plate along dipole-dipole IP line intersecting.disseminated pyrite averaging between 0.1-10% in mylonitic,chlorite granite.The subtle mid-time response AEM feature possibly fault/contact related or the amphibolite intersected near EoH in MIRC020 proximal to AEM plate?

Mini Me West MIRC024-025,031(109m,109m,43m respectively):2 x scissor RC dhs testing 10 x chargeability anomaly and cropping out quartz-hematite-Cu mineralisation plus complementary vertical RC dh MIRC031.MIRC031 and 025 intersected several zones of disseminated pyrite >1% ie 36-43m:4%,54-58m:5%,90-94m:3% with a best result of 0.39%Cu(41-42m)and 0.38%Cu(90-91m)in MIRC025.

MIRC022(127m)and MIRC023(157m):testing north west end of 10 x chargeability anomaly intersecting several zones of >1% pyrite within chloritic amphibolite and porphyroblastic mylonite.

EL GORDO

MIRC026(145m):designed to test down dip extension of mineralised intersection (14m@0.34%Cu)in MIRC008.The down dip projection of minerlised quartz vein was intersected at 97m returning 3m averaging 0.29%Cu,0.97g/t,Ag,o.o2g/t,Au before terminating in barren quartz deemed to be down dip extension of large surface east-west trending quartz ridge?

MIRC027(115M):testing western extent of EL Gordo mineralised trend intersecting barren quartz veining at predicted down hole depthinterpreted as down dip extension of surface Cu mineralisation.

IVANA:240ppm Cu in soil anomaly (10 x back ground)

MIRC028(40m),029(43m),030(55m): sectional traverse 3 x short inclined stab holes.Best result MIRC029 where 10m averaging 0.09%Cu from 8m were intersected within granite and amphibolite coinciding with surface Cu in soil anomaly albeit directly above the water table.Pyritic amphibolites were intersected further down the RC dh assaying up to 431ppm Cu.Interestingly Ivana sits on a major deemed fertile WNW-ESE trending structure thus upgrading its perceived prospectivity.

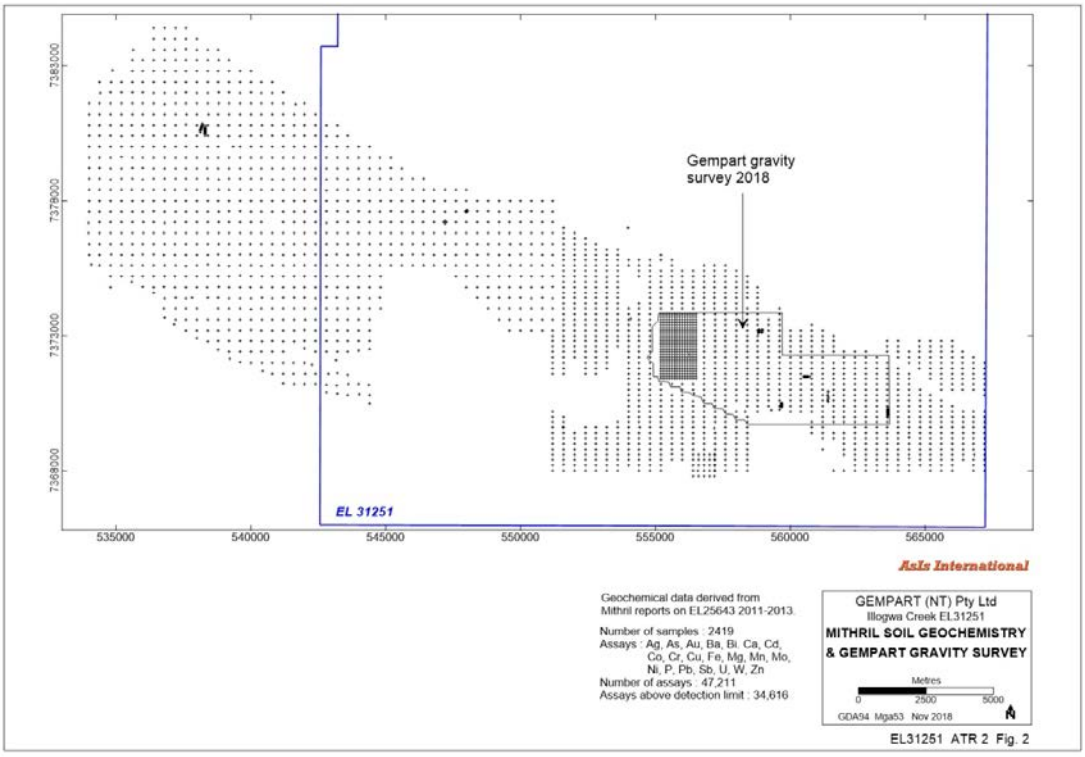
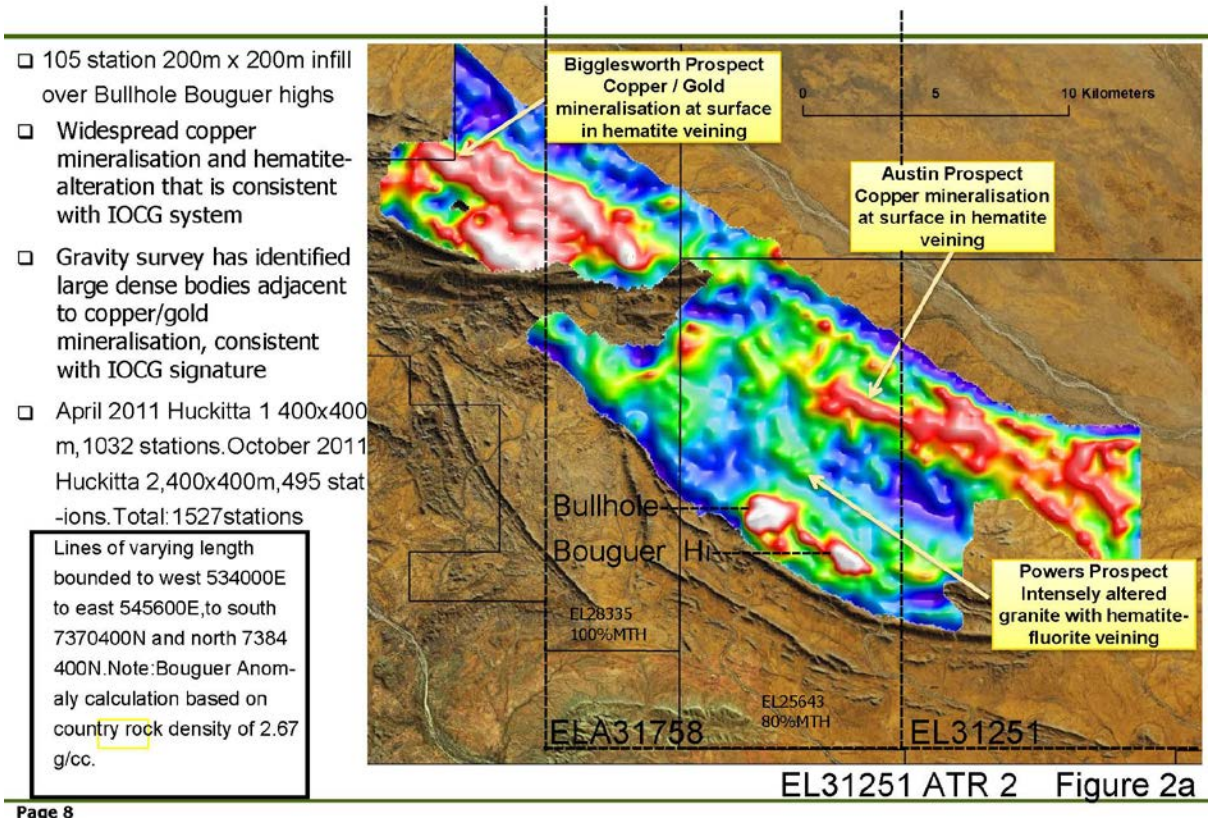


Figure2a 2011 MTH Residual Gravity Image

EL31251 ATR 2 - over MTH Huckitta 1 & 2 ,400m x 400m spaced Ground Gravity surveys Residual Gravity Image on aerial photograph(ASX 2011-12-11)



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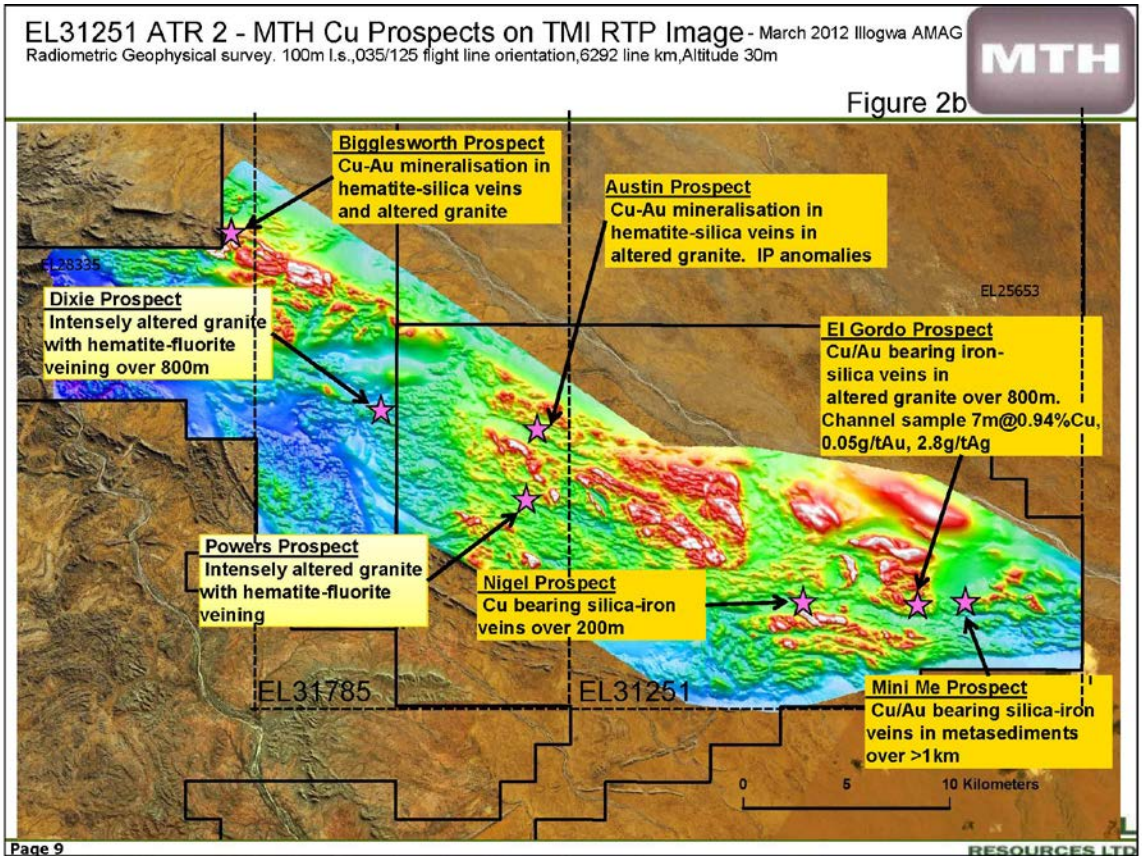

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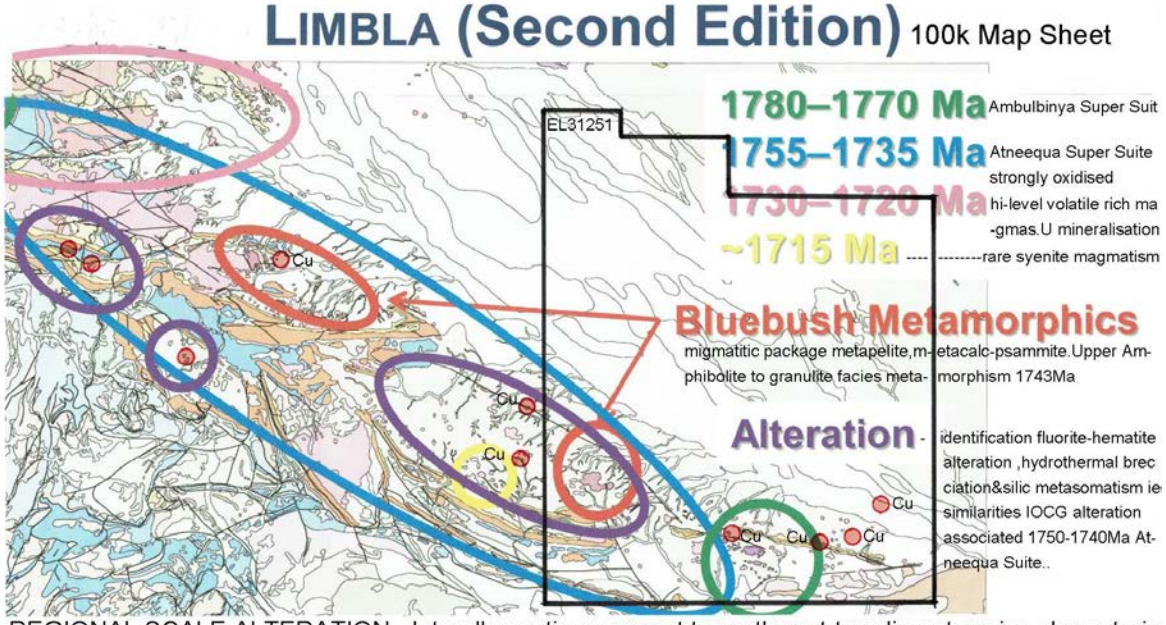
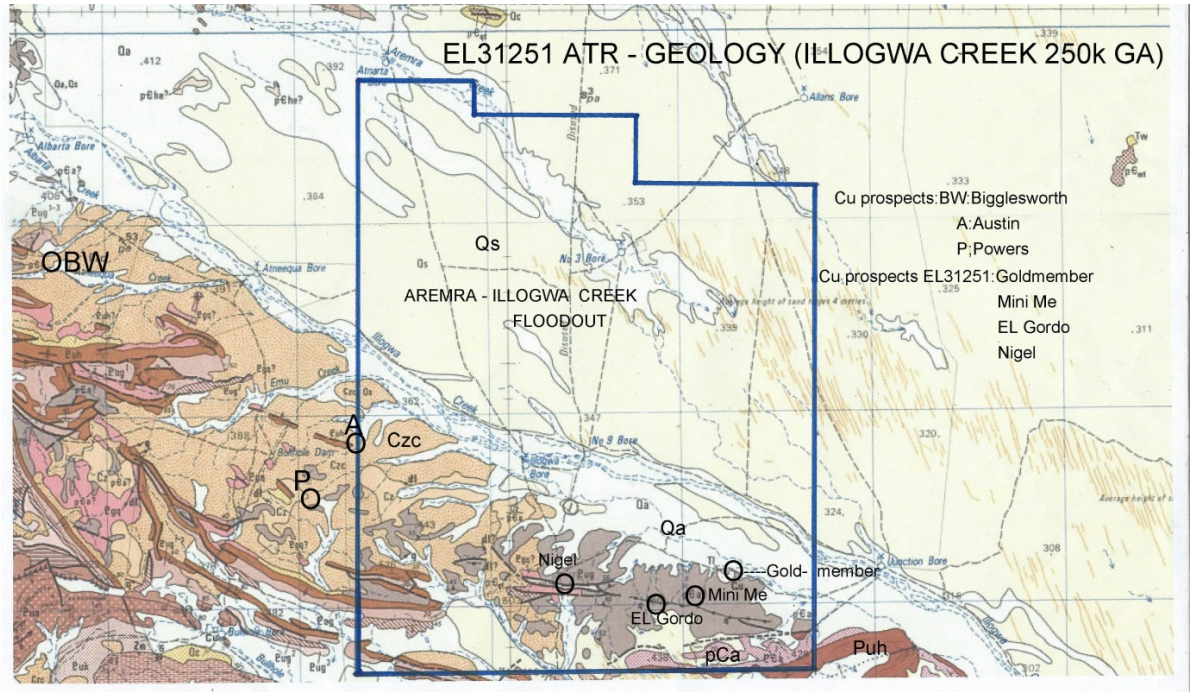
6.GEOLOGY

EL31251 ATR- Regional Geology,Alteration and Mineralisation of ILLOGWA IOCG Area over



REGIONAL SCALE ALTERATION - laterally continuous west to northwest-trending qtz veins characteris -tic hematite-fluorite hydrothermal brecciation,silicic metasomatism within 1750Ma granite ie hematite-pyrite-chalcopyrite-covellite mineralisation.Note:1750-1735Ma felsic intrusives enriched in F cf 1780-177-0Ma suites a powerful metal transport ligand characteristic of giant IOCG deposits.

Figure 3a



Qs;Quaternary sand
Qa;Quaternary alluvial deposits
Czc;Cenozoic cover

Pug;Bitter Springs Fm Neoproterozoic - Gillen Member limestone,dolomite
Puh;Heavitree Quartzite Neoproterozoic-basal Fm Amadeus Basin cover

Pgq;Atneequa Granitic Complex 1755-1740 Ma - strong FeO,fluorine,silica(Cu-Au) alteration
pCa;Albarta Mm 1774 Ma-qtzofeldspathic gn,biot/musc schist,mass/layered amphib.,band mag qtzite,granitic gn,hnbld gn ,porphroblastic f/s gn minor cs

Figure 3c

The licence area is neatly bisected from north west to south east by the ephemeral gun barrel straight ILLOGWA CREEK reflecting the surface position of a major fault, forming a structurally controlled northern boundary of mooted ILLOGWA IOCG area.Two thirds of licence area,more or less north of Illogwa Creek is flat-lying ,sand-covered flood-out country while south of Illogwa Creek Palaeoproterozoic Aileron Province metasediments namely Bluebush Metamorphics (migmatitic metapelite and calcareous metapsammite metamorphosed to upper amphibolite facies 1743Ma) and 1780Ma Moonlight Gneiss dominate, intruded by oxidised ,hematite-magnetite-fluorite-silicic-potassically altered hydrothermally brecciated 1750 - 1740Ma Atneequa Suite granite.

Interestingly copper-gold mineral occurrences ubiquitously occur seemingly along strike of basal Amadeus Basin stratigraphy ie attenuated often curvilinear strike ridges of thrusted Heavitree Quartzite rising some 100m above the sandy plain,resting unconformably(maximum depositional age 1213Ma) on Atneequa Suite oxidised/altered granitic 1750-1740Ma basement.Zircon geochronology has determined hematite alteration +Cu mineralisation (hematite-pyrite-chalcopyrite-covellite assemblage) postdates deposition of Puh:Heavitree Quartzite thus remobilisation of metals from basement ie 1755-1735Ma suites strongly oxidised and volatile rich liberating metals from 1780-1770Ma suites during emplacement of younger magmas thus promoting a regional fluid flow (associated with emplacement of high K,high Ca,1750 granites and high temperature low pressure metamorphism)followed by transport and subsequent deposition of ore-forming Cu-Au+hematite-magnetite-flourite-silicic mineralising fluids along north west structures during the latest Mesoproterzoic ?There may also have been another regional fluid event during the Carboniferous Alice Springs Orogeny the last deformation to affect the area characterised by regional thrust faulting accompanied by pervasive greenschist facies metamorphism as indicated by cropping out widespread late stage epidote alteration?

7.EXPLORATION PROGRAM

Refer figures 4a-4f,5a-5d

97 missing on GEMIS soil sampling assay results were sourced from MTH and plotted on Figure 2 filling a considerable hole in the sampling array west of Donald prospect increasing the number of soil geochemistry (ALS;ICP43) sampling assay results to 2419.

A field reconnaissance of the southeastern licence area from Junction Bore south south west along the boundary fence to the southern boundary was undertaken XRF analysing sub cropping Aremra Basin sandstone along the way for elevated Cu geochemistry perhaps reflecting an MTH delineated Cu in soil anomaly?There were no elevated XRF readings.

A 200m x 200m spaced ground gravity survey (1060 stations) was undertaken by Daishsat Geodetic Surveyors during late November 2018. The area gravity surveyed is 8.4km EW X 4km NS (320sqkm) covering from east to west Goldmember-Mini Me-MMWest-EL Gordo-Donald Cu prospects. Nominal reading interval was 200 x 200 metres, with infill to 100 x 25 metres.

Files attaching to this report include the contractor's survey processing report, grid files, and the gravity data in vector (point reading) format.

8.EXPENDITURE

1.Regional reconnaissance /prospecting ……$4000.00

2.Ground Gravity survey 1060 stations@$67/station.....$71000.00

3.Review results /Reporting……$ 5000.00

4.Administration……$ 7000.09

TOTAL……$87000.00

9.CONCLUSIONS AND RECOMMENDATIONS

The southern third of the licence area is dominated by oxidised,intensely altered 1755ma Atneequa suite granite hosting extensive exposures of structurally controlled Cu+/-Au mineralisation of latest Mesoproteozoic age trending west to east from Austinl to Goldmember prospect a strike length of some 22 km.However the ground gravity survey was designed to cover the area between Goldmember and Donald Cu prospects only(8.4km)complementing already existing geophysical and geochemical data sets.However after the delineation/modelling of two ellipsoidal bullseye Bouguer anomalies either adjacent to or coincident with an intense-north trending AMAG anomaly over a distance of 2km has elevated Donald Cu Prospect to drill ready status requiring sub surface core drill testing of a dense body (SG3.5) 500m long x 200m wide commencing at a vertical depth of 170m.Consequently expenditure is set at $43000.00 for the forthcoming licence year.

10.REFERENCES

MTH ASX Announcements and Quarterly Reports 2008-2015

Whelan,J.,2012 AGES Presentation NTGS Exploration Seminar Alice Springs Proceedings

Whelan,J.,2013 AGES Presentation NTGS Exploration Seminar Alice Springs Proceedings.

Anon.,2010.EL25643 ATR Mithril Resources Ltd NTGS GR079_2010_GA (unpublished)

Lockheed,A.,2011.EL25643 ATR Mithril Resources Ltd NTGS GR079_2011_GA(unpublished).

Lockheed.A.,2012.EL25643 ATR Mithril Resources LTD.NTGS GR079_2012_GA(unpublished).

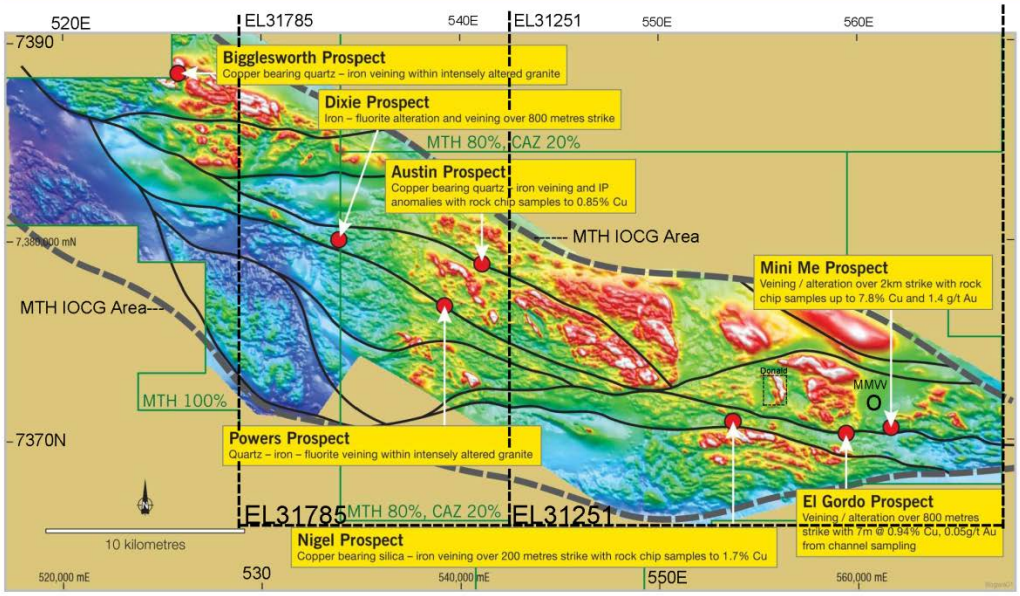
Meixner,D.,2013.EL25643 ATR Mithril Resources Ltd .NTGS GR079_2013_GA(unpublished).

Meixner,D.,2014.EL25643 ATR Mithril Resources Ltd.NTGS GR079_2014_GA(unpublished).

Meixner,D.,2015.EL25643 FINAL Mithril Resources Ltd.NTGS GR079_2015_GAS(unpublished).

EL31251 ATR 2-MTH Cu Prospects on TMI RTP Interpretation

2012-08-28 MTH ASX Announcement - Major Structures,Illogwa IOCG Area + Prospects

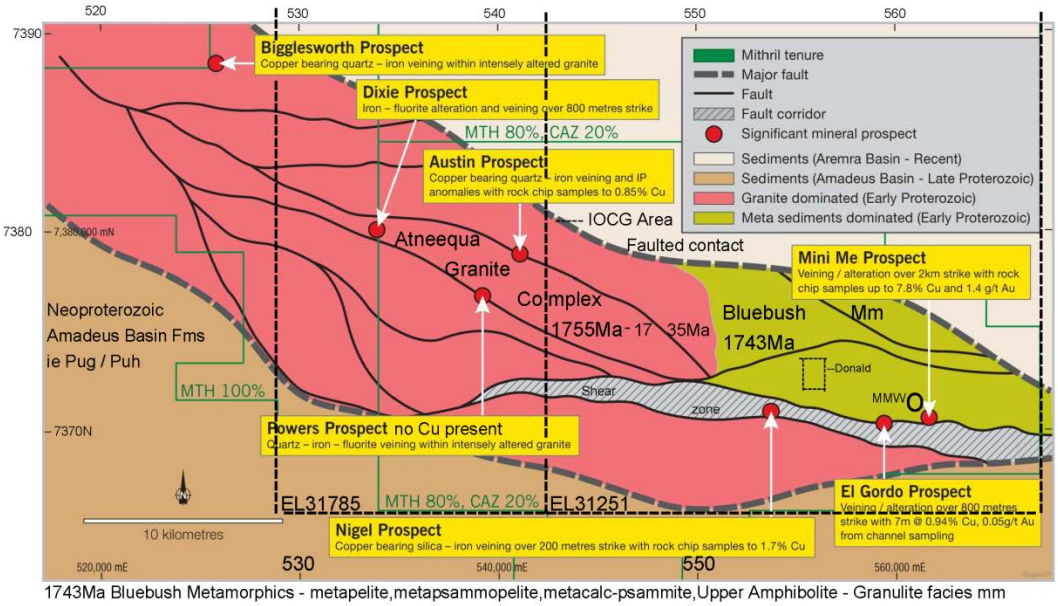


March 2012 Illogwa AMAG/Radiometric 100m l.s. Geophysical survey.Flt line Direction 035-125,Altitude 30m. 6292 line kms.

Figure 2c

EL31251 ATR 2 - MTH Cu Prospects over Interpreted Geology

of Palaeoproterozoic South East Arunta Inlier Illogwa IOCG Area.

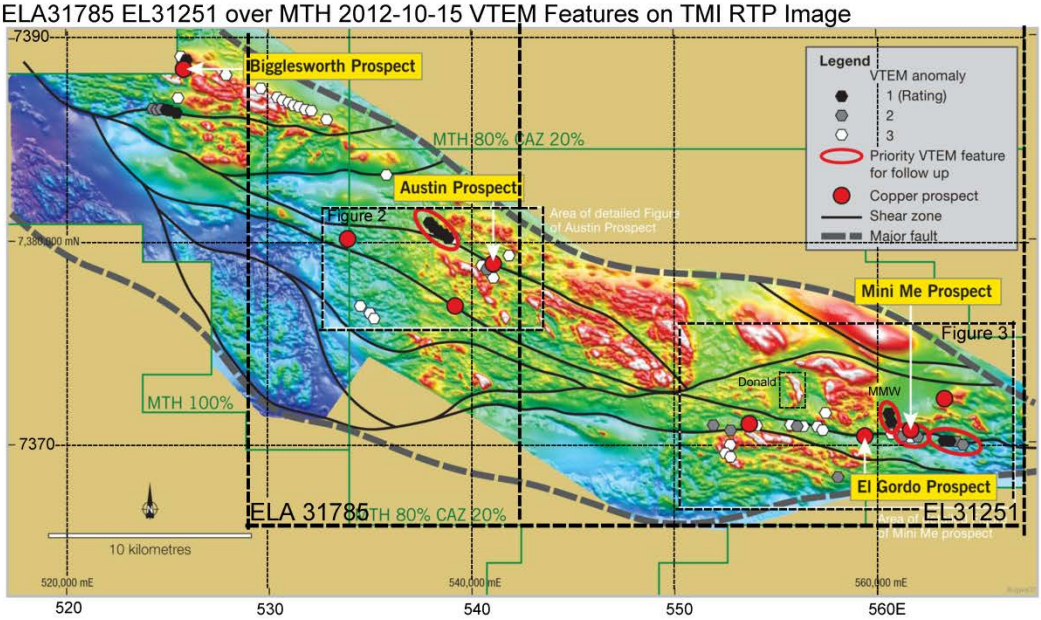


1743Ma Bluebush Metamorphics - metapelite,metapsammopelite,metacalc-psammite,Upper Amphibolite - Granulite facies mm

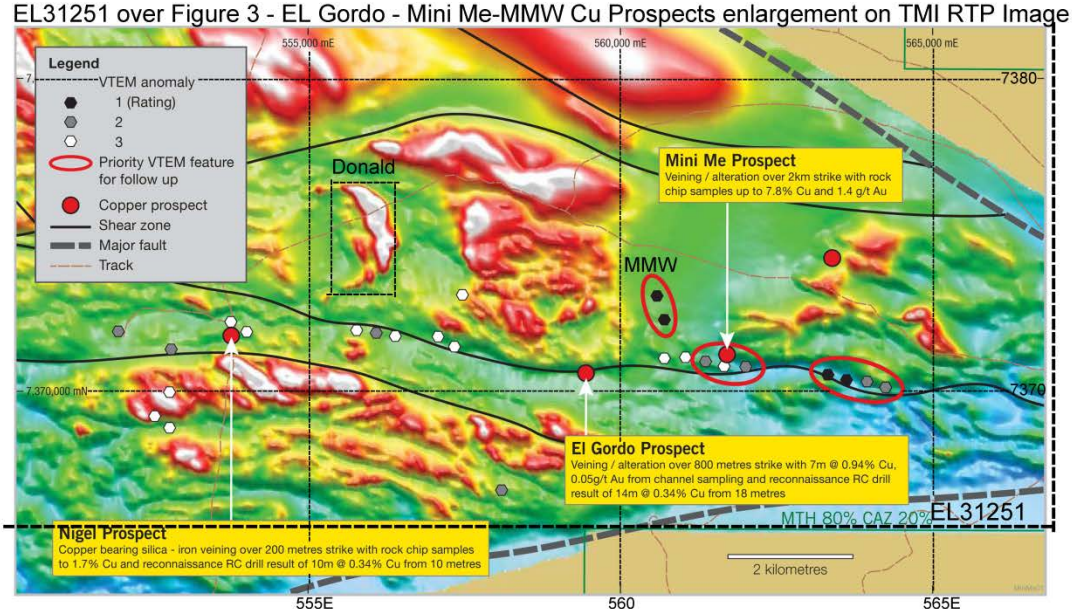
1755-1735 Atneequa Suite - strongly oxidised,enriched in fluorine(powerful ligand for metal transport) large areas of silica-hematite-fluorite alteration associated W-NW trending quartz veins ie hematite-fluorite hydrothermal breccia+silicic metasomatism+ hematite-pyrite-chalcopyrite-covellite mineralisation.

Figure 2d

ELA31785 EL31251 over MTH 2012-10-15 VTEM Features on TMI RTP Image

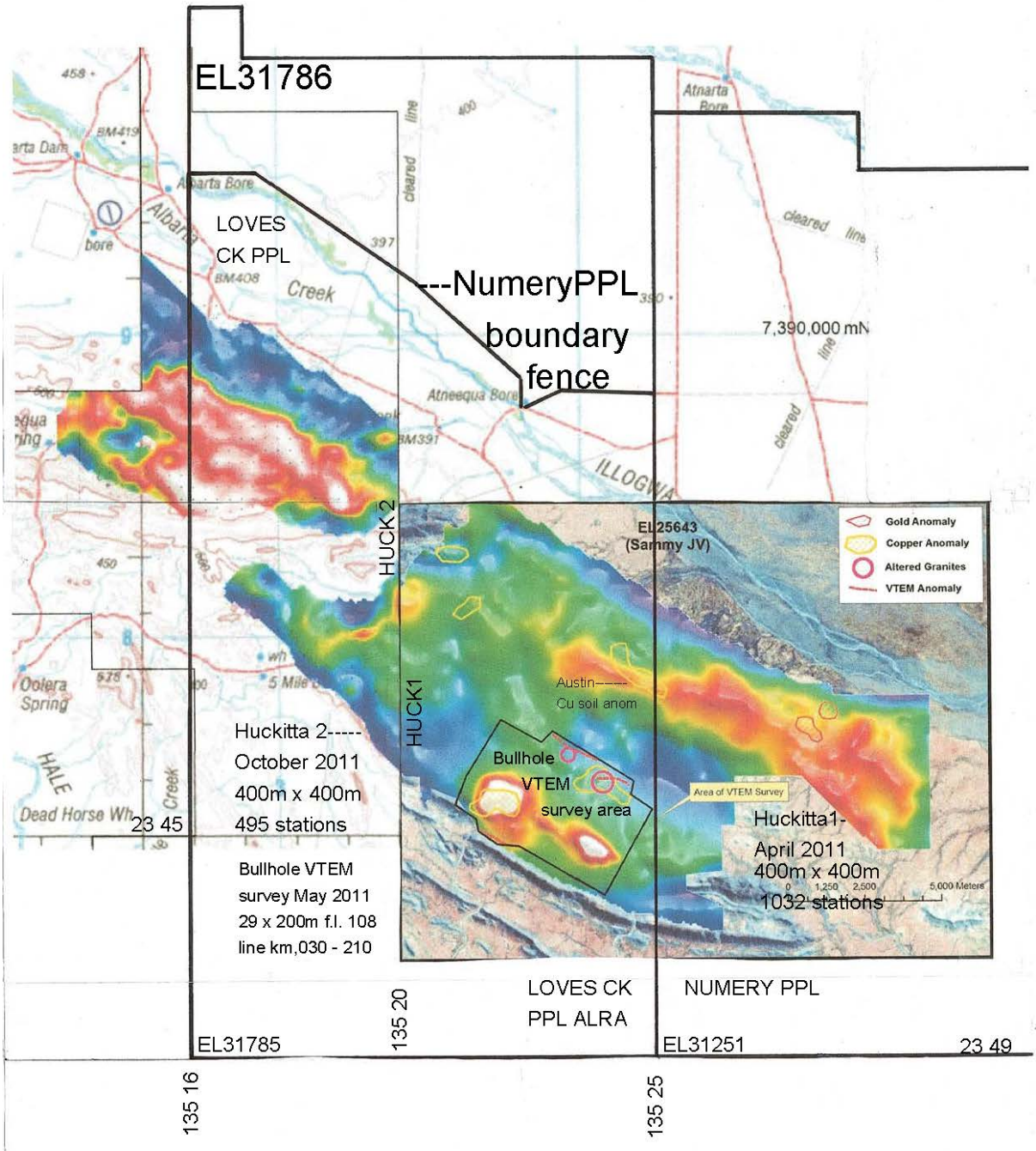


EL31251 over Figure 3 - EL Gordo - Mini Me-MMW Cu Prospects enlargement on TMI RTP Image

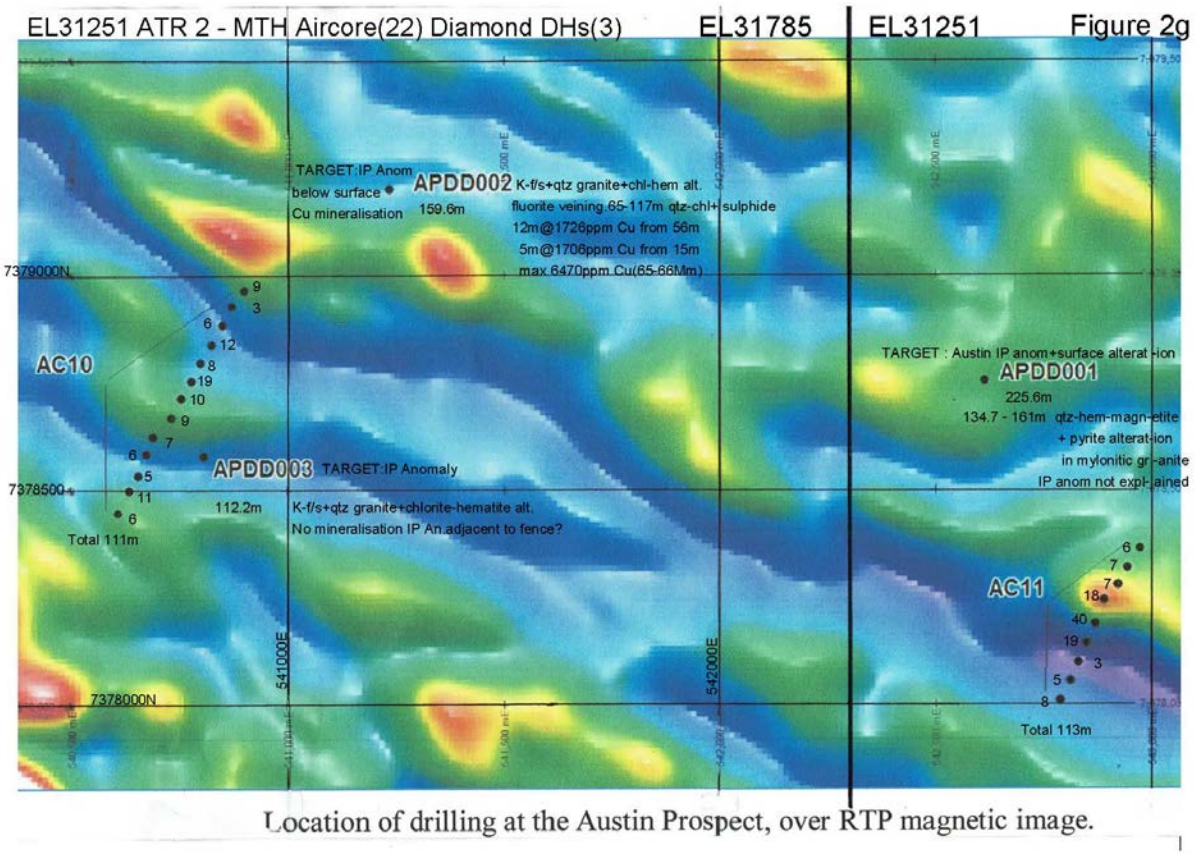


March 2012 Illogwa AMAG/RADs 100m l.s.geophysical survey,035 - 215,Altitude:30m,6292 line km.

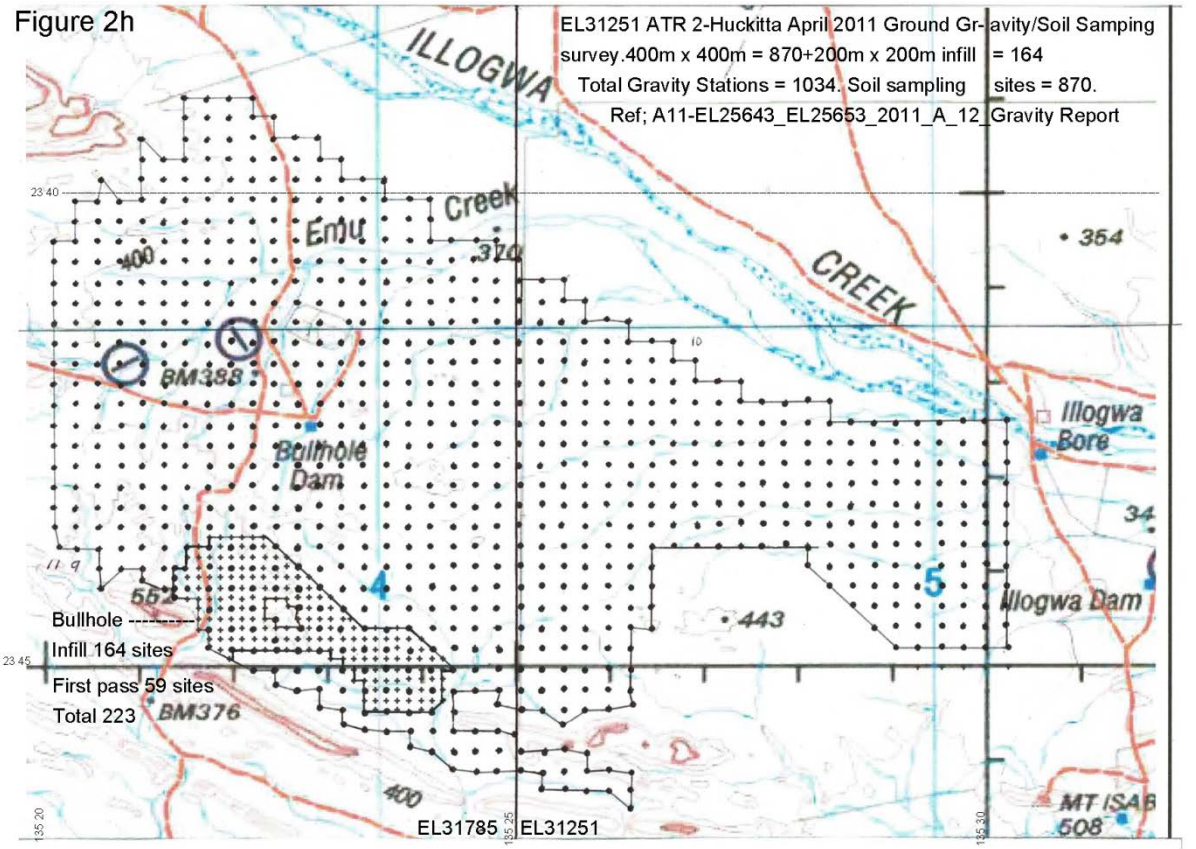
October 2012 Illogwa IOCG Area VTEM/Helimag 300m l.s.geophysical survey,30-210,1526.3 line km covering 455 sqkm.150m l.s.infill over Austin(3) C-S(2) Mini Me(4)=9. Figure 2e



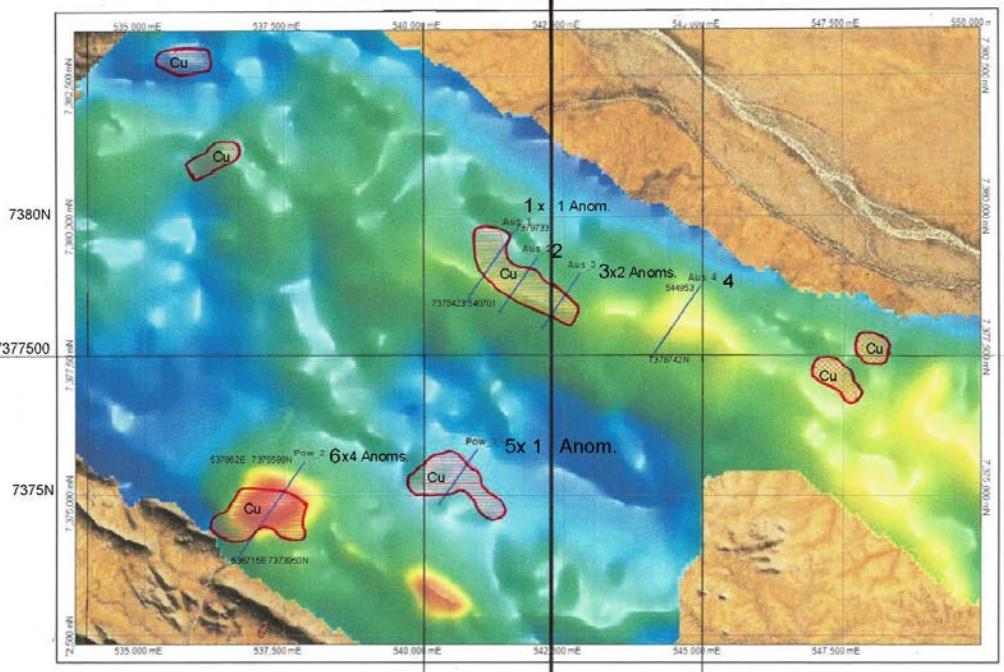
Huckitta 1&2 Ground Gravity surveys Location Image over EL31251 ie 400m x 400m spaced 1032+495 respectively = 1527 stations +Bullhole VTEM survey +Cu/Au soil anomalies



Location of drilling at the Austin Prospect, over RTP magnetic image.



October 2011 AUS 1 = 1.6km.Aus 2 = 1.2KM. EL 31251 ATR 2 8.8 line km of IP/resistivity follow up gravity anomalies
AUS 3 = 1.2km.Aus 3 = 1.6km
Pow 1 = 1.2km.Pow 2 = 2.0km



2011 IP lines (blue) over residual gravity Cu and Au surface anomalism (red).

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Figure 2i

2011 Austin Powers IP Report, Mt Isabel, El 25643

EL31251 ATR 2 - IP Anoms.(blue stars = 9) on survey outline. residual gravity image+Bullhole VTEM

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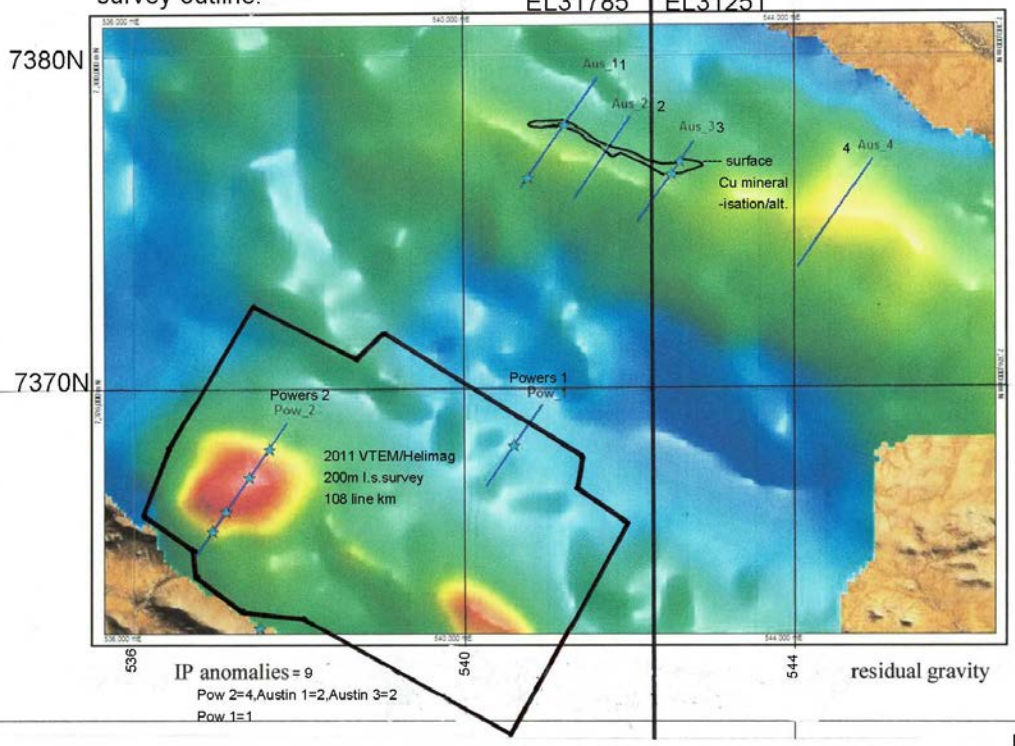


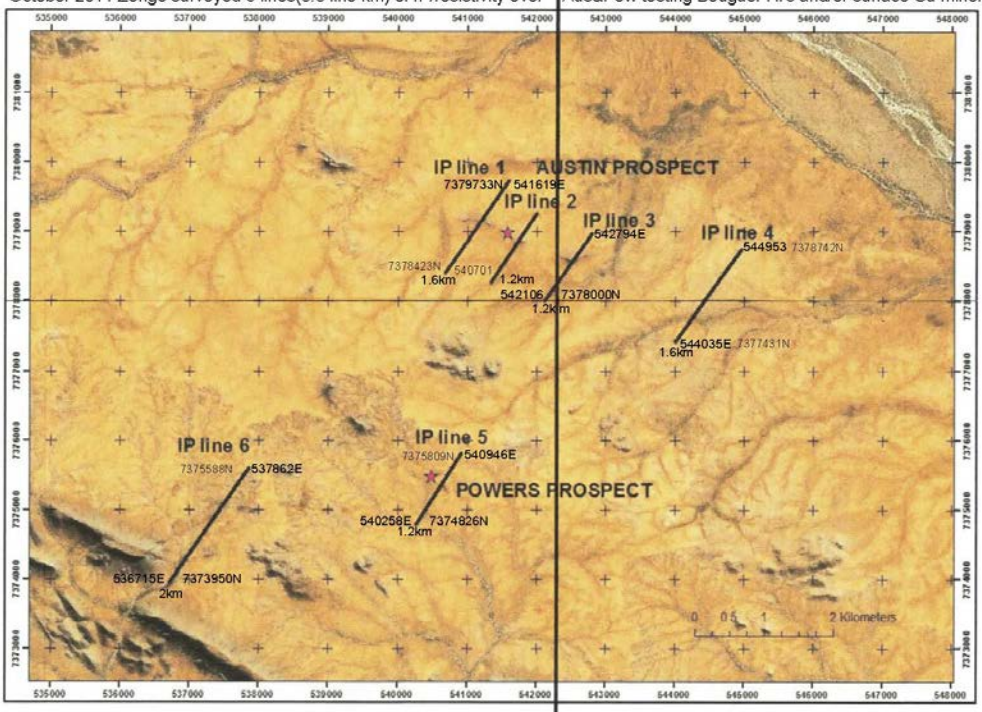
IP anomalies = 9
Pow 2=4,Austin 1=2,Austin 3=2
Pow 1=1

residual gravity

Figure 2j

EL31251 ATR 2

October 2011 Zonge surveyed 6 lines(8.8 line km) of IP/resistivity over Aus&Pow testing Bouguer Hi's and/or surface Cu mineralisation at depth



Location of Dipole – Dipole IP lines on airphoto image

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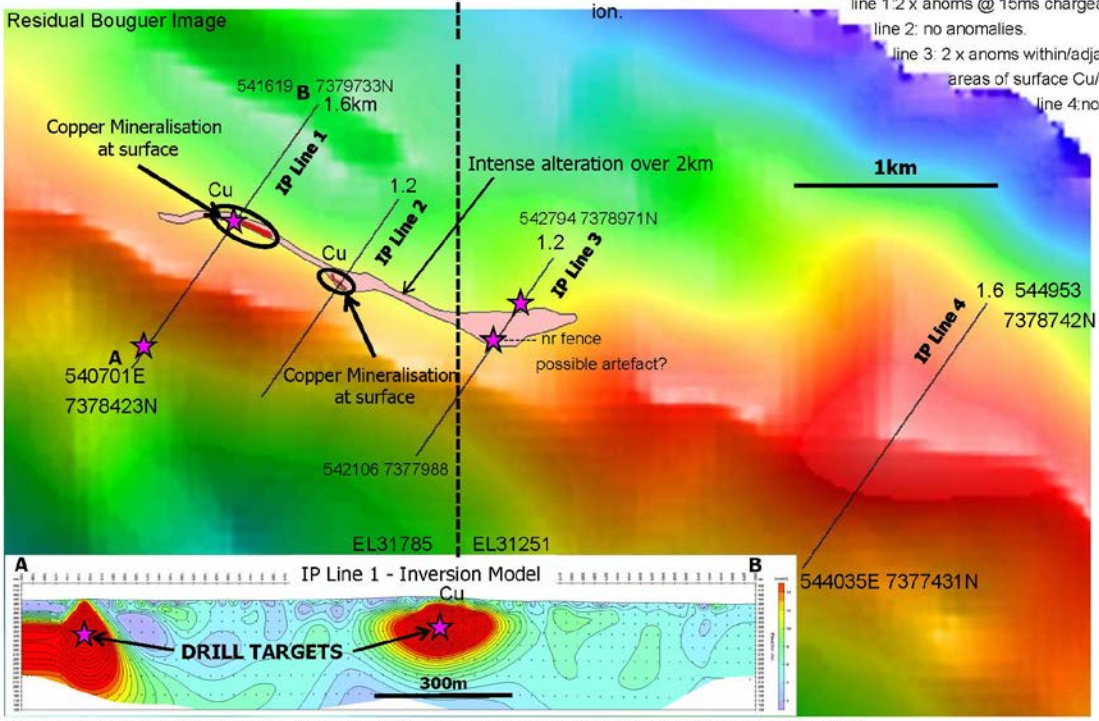
Figure 2k

Austin Copper Prospect IP Geophysical Anomalies

EL 31251 ATR 2 -October 2011 Zonge surveyed 8.8 km of IP/Resistivity over 6 lines 4 of which were over Austin following up bouguer highs underlying surface Cu mineralisation.

line 1:2 x anoms @ 15ms chargeability
line 2: no anomalies.
line 3: 2 x anoms within/adjacent areas of surface Cu/alt.
line 4:none

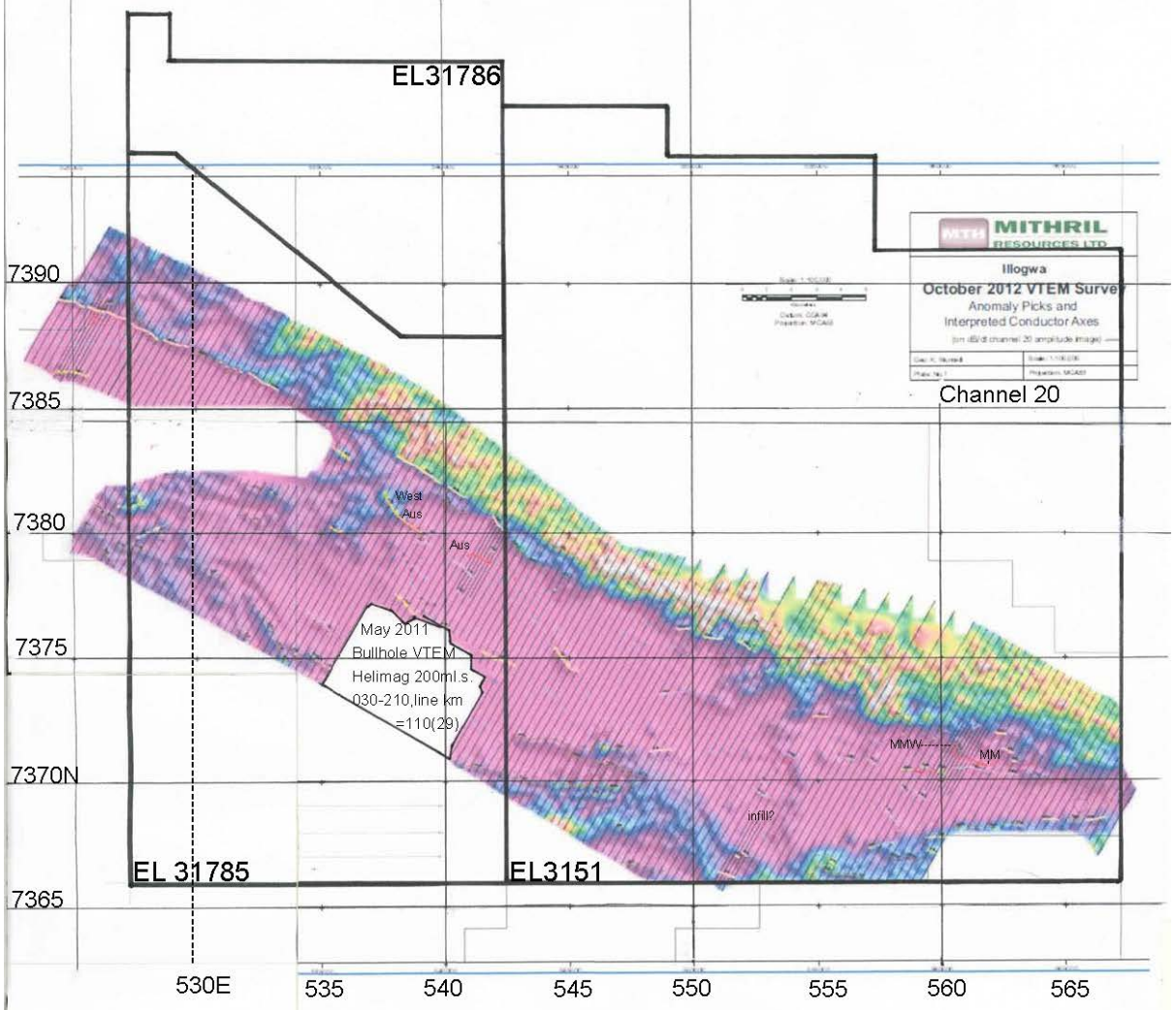


Proposed Aus DH1 541239 7379178N 110m 70/215 Target 50m.Aus DH2 540803 7378568N 140m 60/215 Target 75m (IP1)
Proposed Aus DH3 542640 7378751 N 125m 60/215 Target 60m(IP3)Aus DH4 542526 7378574 N 125m 80 /215 Target 65m(IP3)

Figure 2l

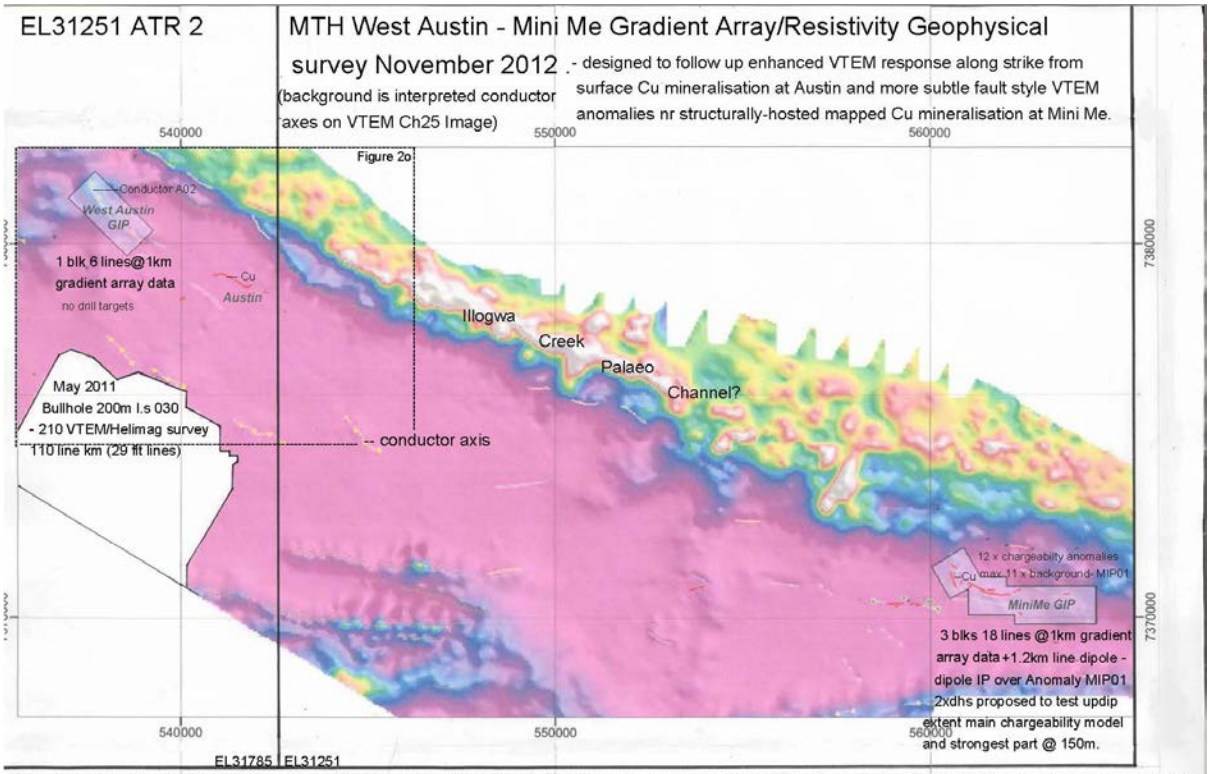
Page 13

October 2012 VTEM / HELIMAG 300m l.s.(infill 150 m x 3 areas = 9 lines ie Austin-Central Sth-Mini Me),Flt line 30 / 210,Total line km=1545.6 (1526.3) covering 455 sqkm



EL 31251 ATR 2 - MTH October 2012 VTEM/Helimag 300m l.s.Geophysical survey Anomaly Picks/Interpreted Conductors on Channel 20 Image.

Figure 2m



4 blocks(MM 3,Aus 1) of gradient array data,24 x 1km lines(MM18,Aus6),480 readings+1.2 line km of 2D dipole-dipole IP/resistivity over strong gradient array IP anomaly at MMWest.VTEM Anoms coincident resistivity lows in gradient array data with no chargeable response=ground water filled faults at West Austin. Strong chargeable responses(10xbg)coincident surface Cu mineralisation at MMWest 900m long chargeable trend dipping southeast.

Figure 2n

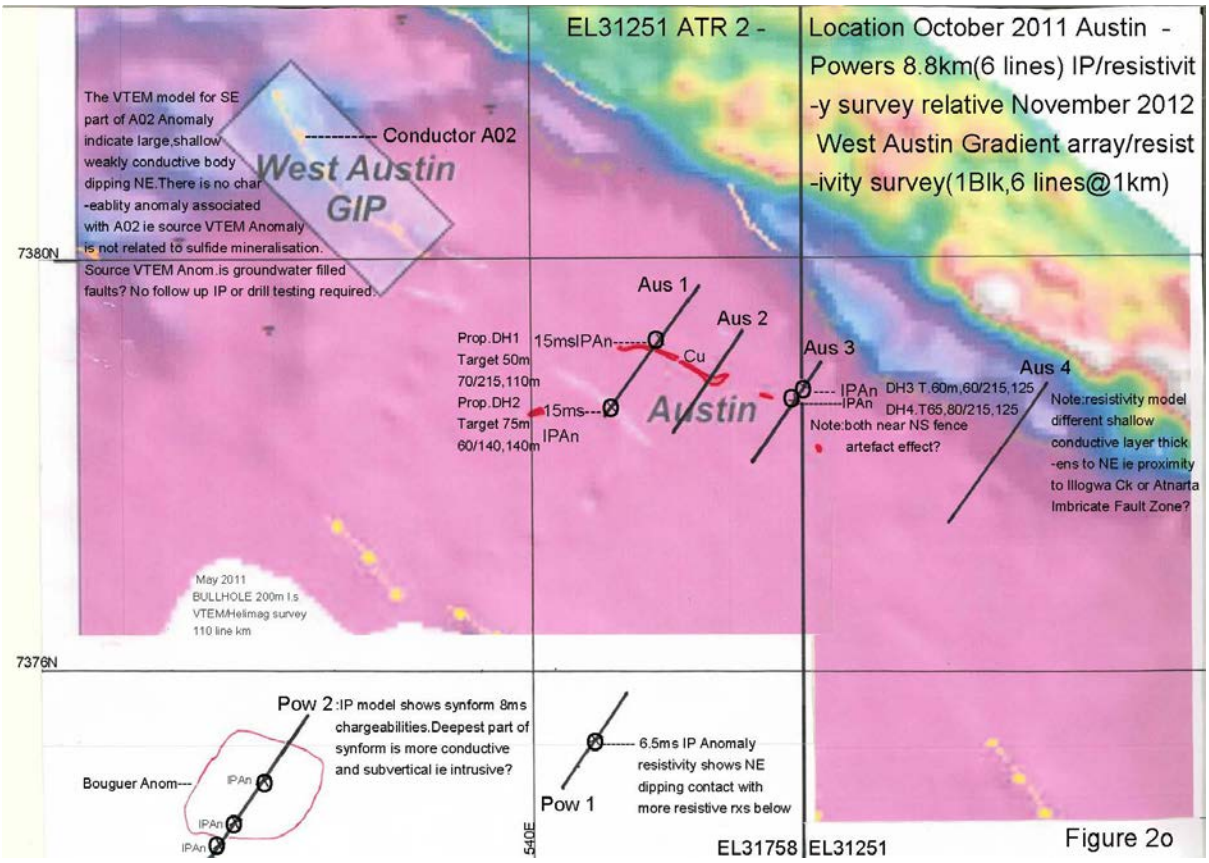
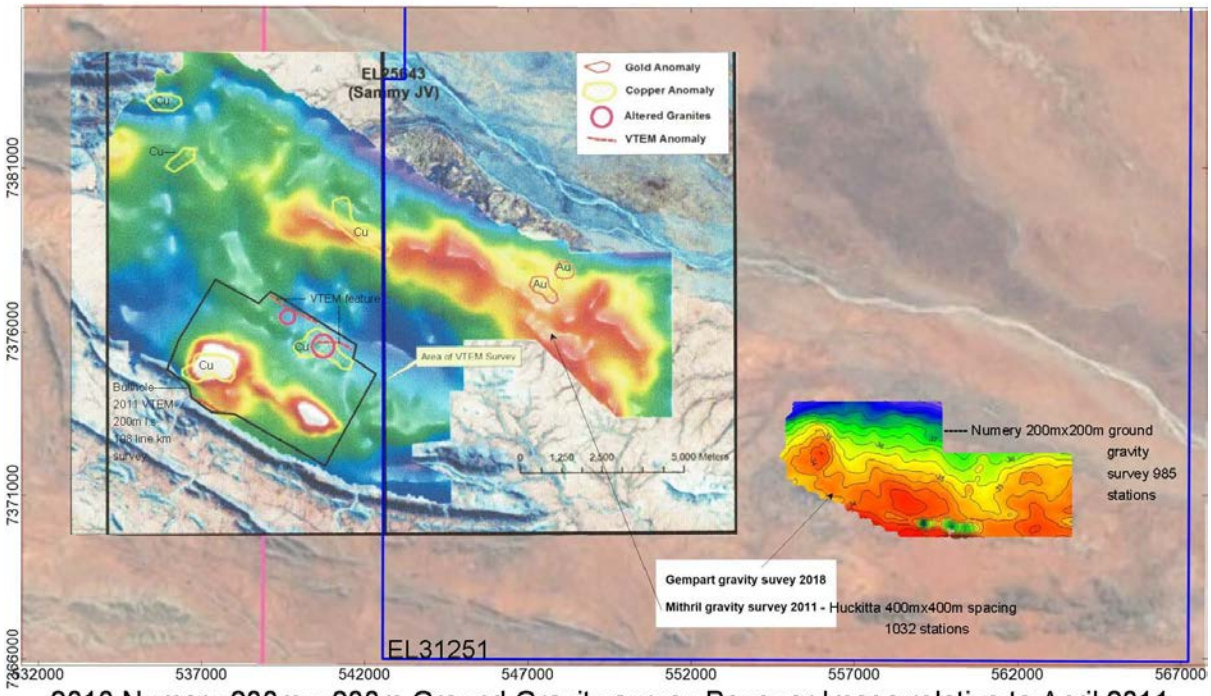


Figure 2o

2018 Exploration Program Figures 4a-4f,5a-5d

EL31251 ATR 2

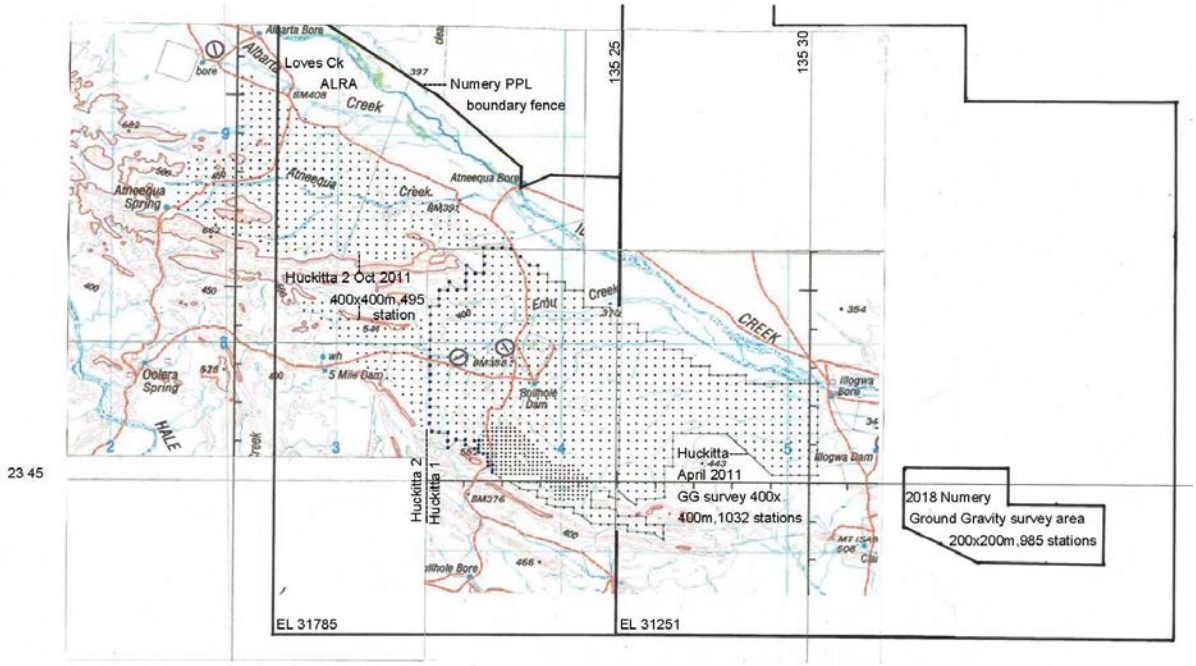


2018 Numery 200m x 200m Ground Gravity survey Bouguer Image relative to April 2011 Huckitta GG 400m x 400m survey MTH Image

Figure 4a

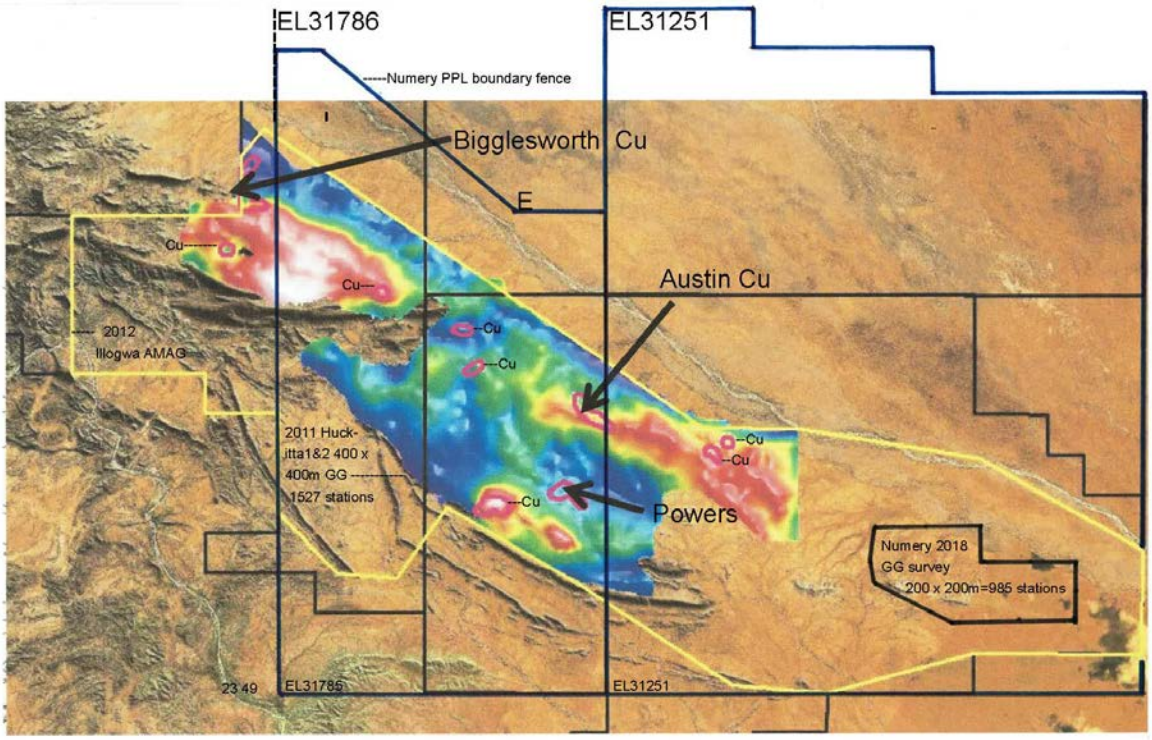
EL31251 ATR 2

TOTAL GROUND GRAVITY STATION INVENTRY;MTH 1527 stations
Gempart 985 stations
Total:2512 stations



Huckitta 1&2 2011 Ground Gravity surveys station location relative 2018 Numery GG survey on Topography

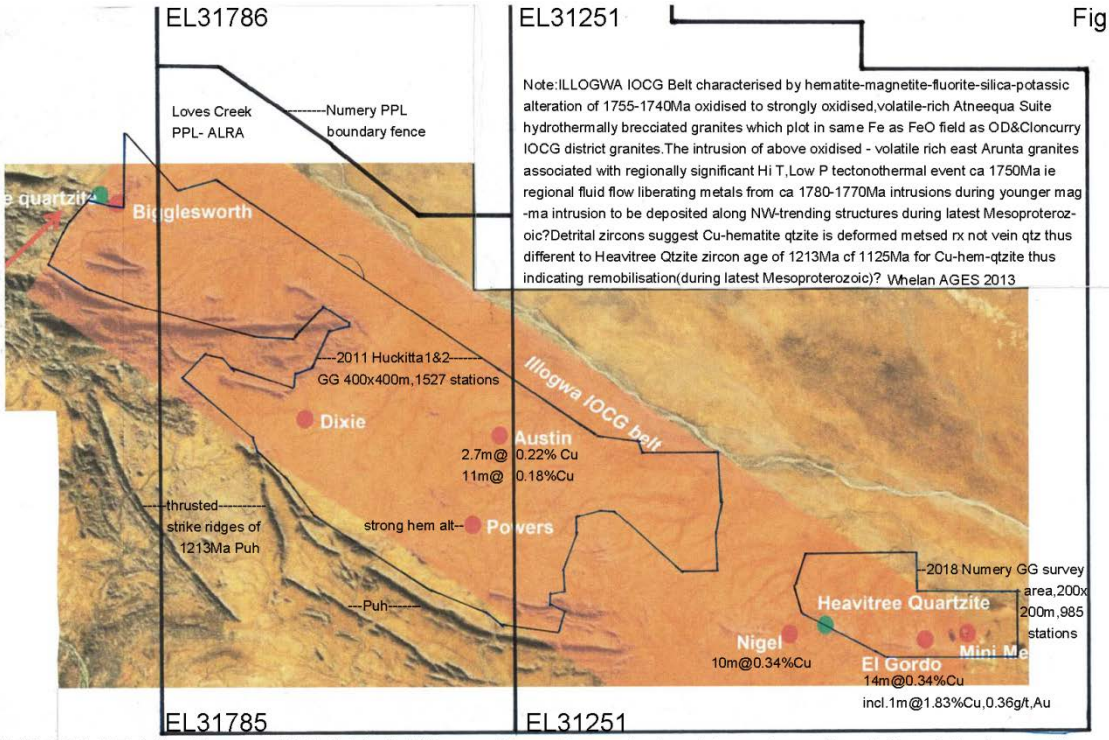
Figure 4b



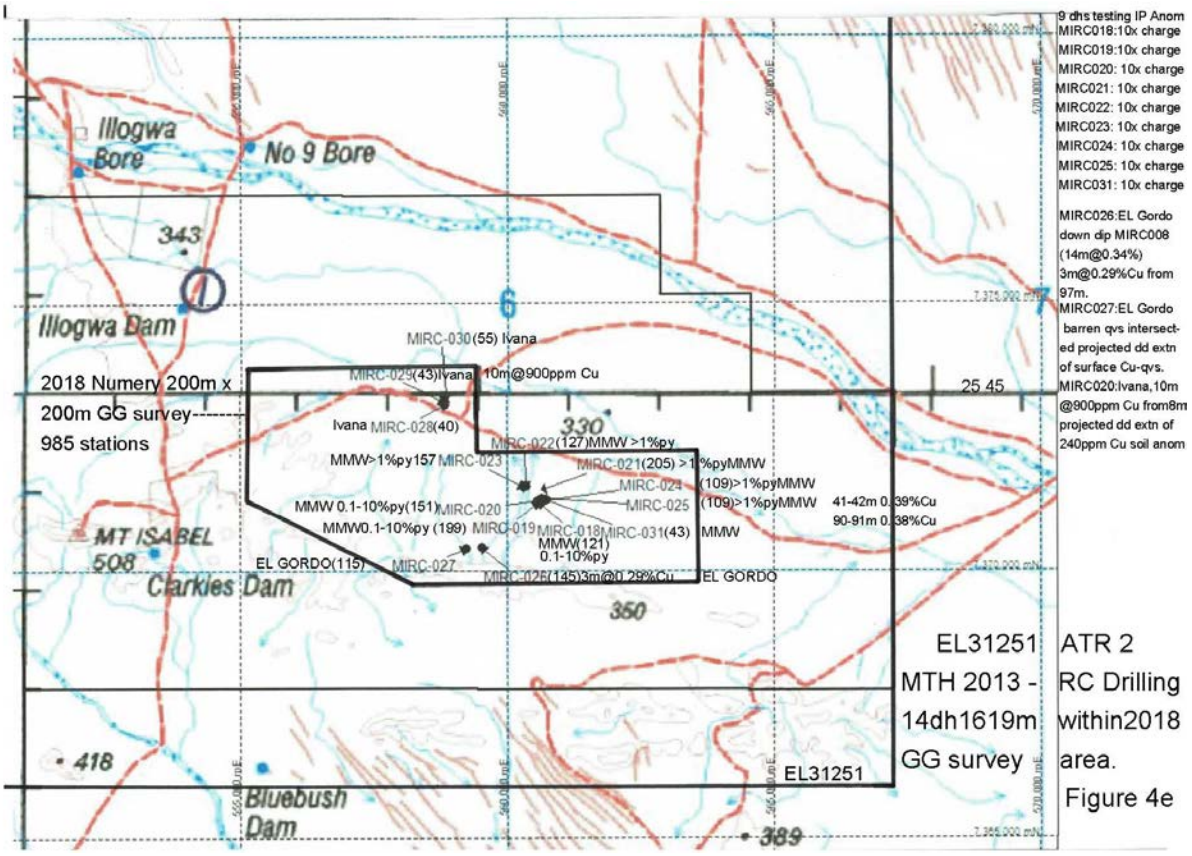
EL31251 ATR 2 - 2018 Numery 200m x 200m Ground Gravity survey area over 2011 MTH 400x400m GG Bouguer Image on Aerial photo+Cu prospects+March 2012 Illogwa 100m l.s. AMAG/Rads survey outline(yellow)

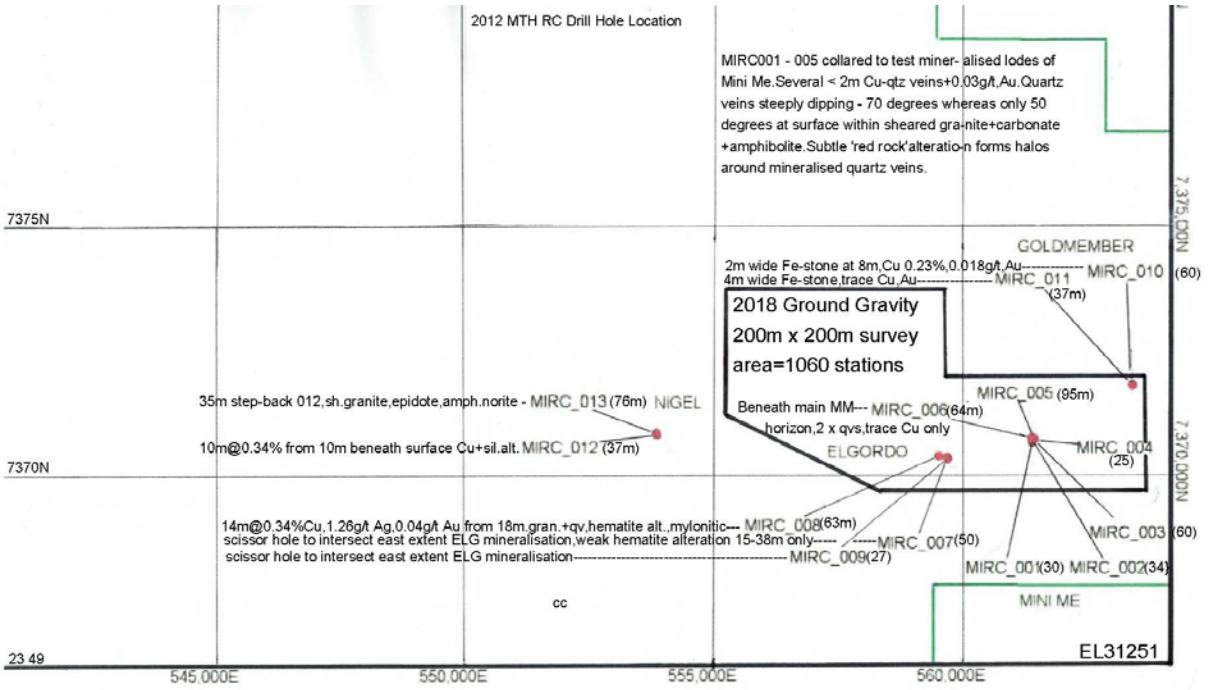
Figure 4c

Figure 4d



EL31251 ATR 2 - Illogwa IOCG Belt,50km x 5km characterised by mineralised Cu+/-Au hematite - quartz ridges(ca1105Ma detrital zircons of hydrothermal origin) along strike of Puh:max.dep.age 1213Ma Heavi-tree Qtzite ie hematite-Cu alteration postdates deposition qtzite.Remobilisation latest Mesoproterozoic?





EL31251 ATR 2 - MTH 2012 RC Drill Hole Location (13 holes for 658m) relative to 2018 Ground Gravity survey grid area.

Figure 4f

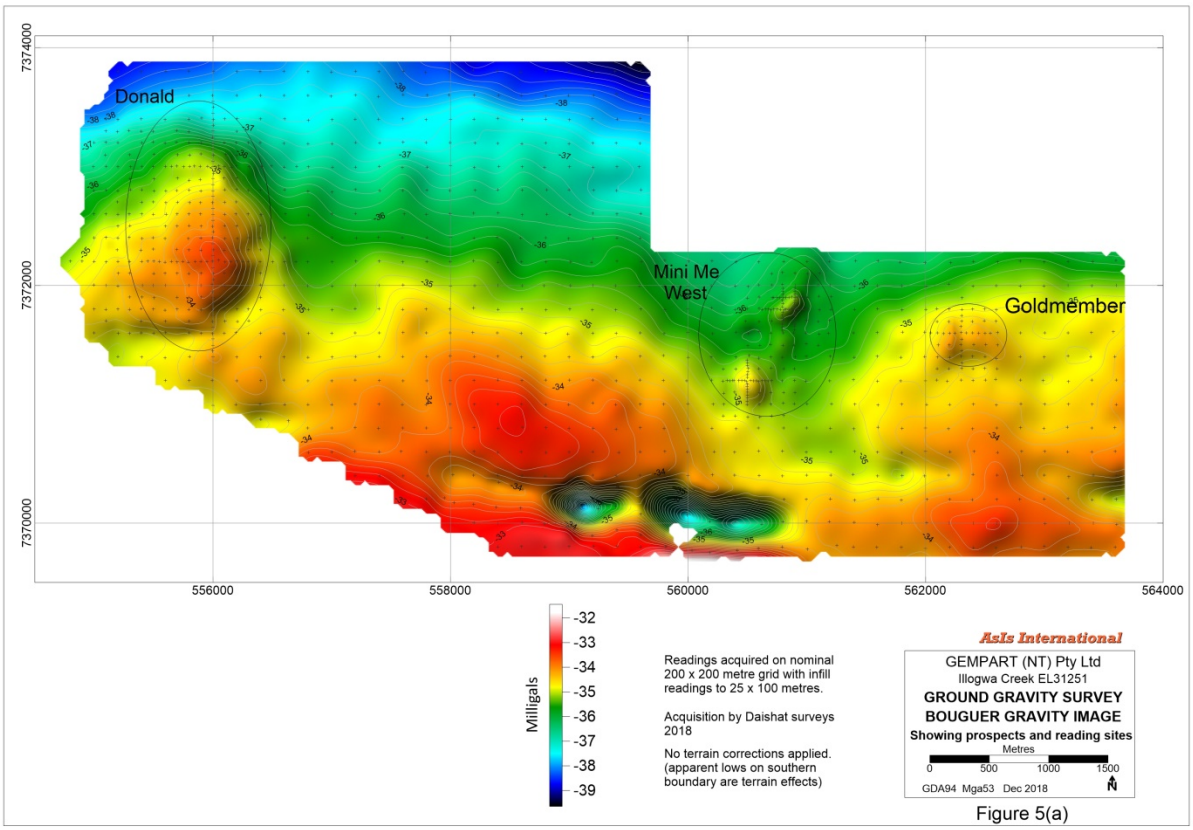


Figure 5(a)

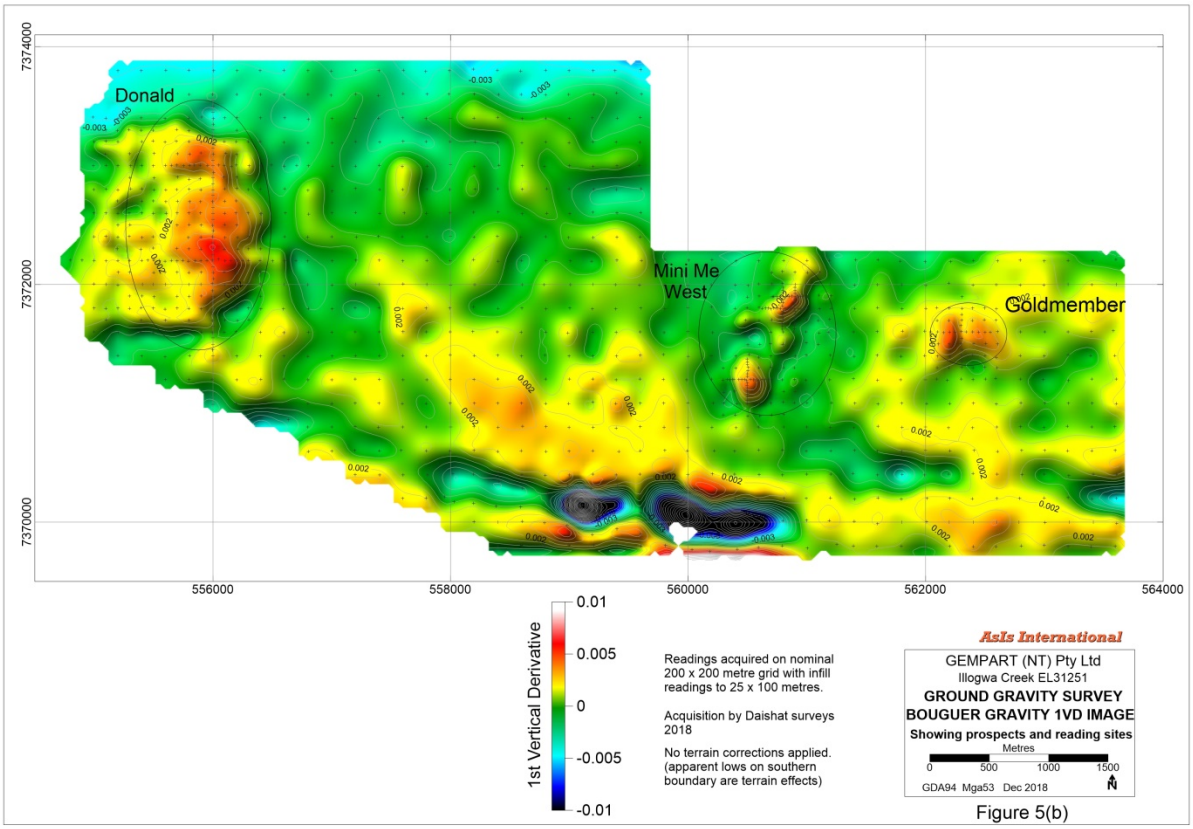


Figure 5(b)

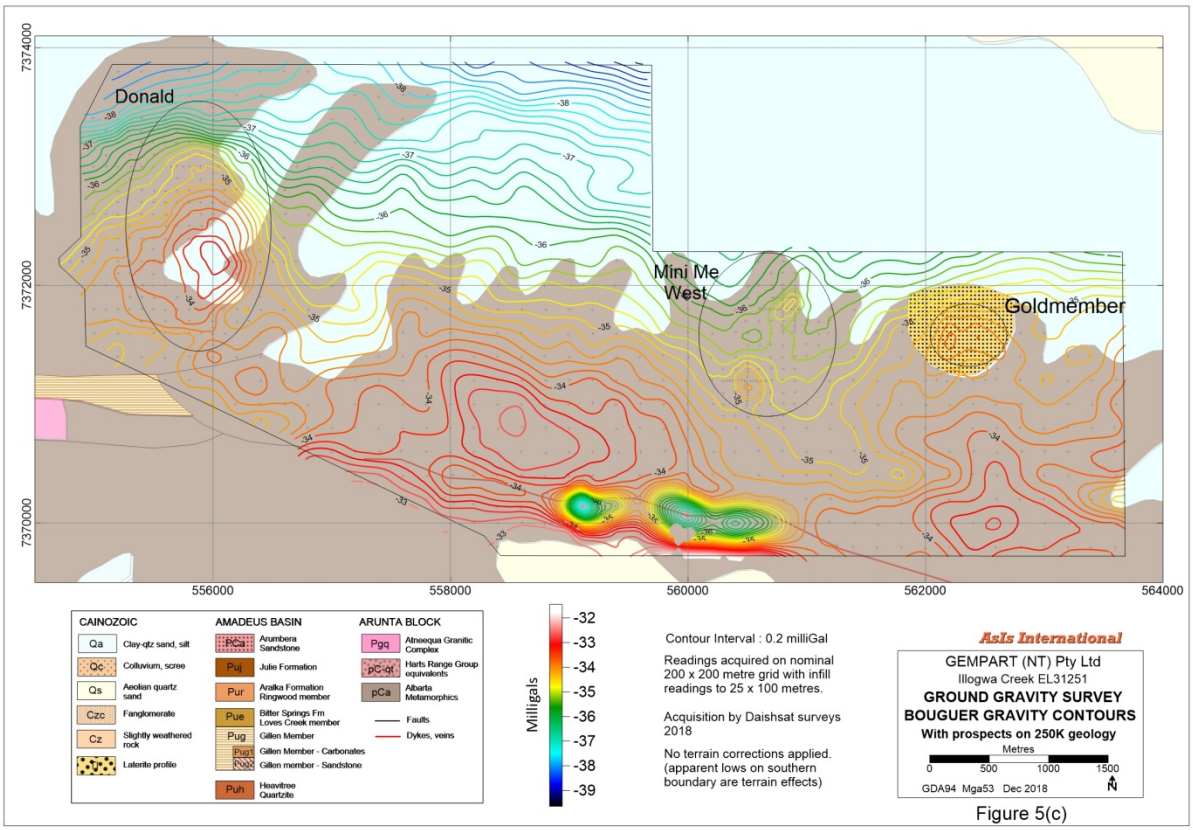


Figure 5(c)

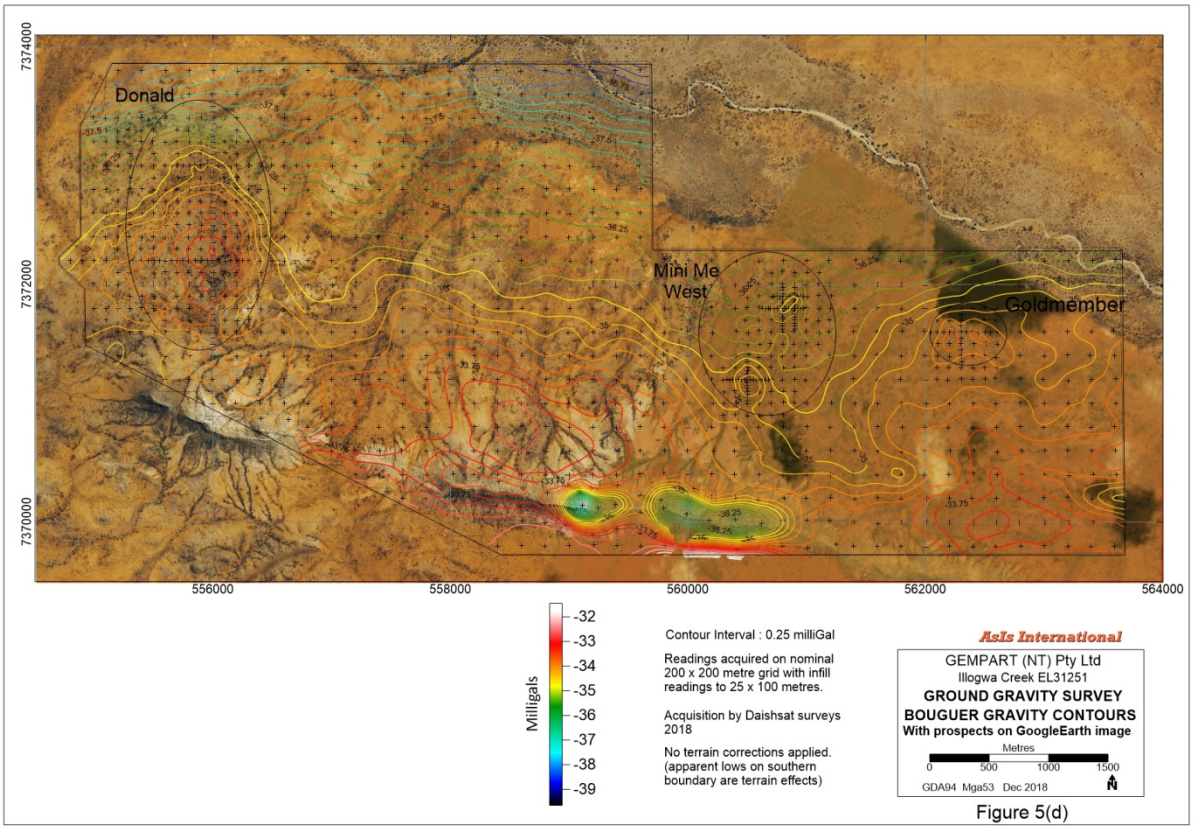


Figure 5(d)