



Enterprise Metals
Limited

8 Sept 2014

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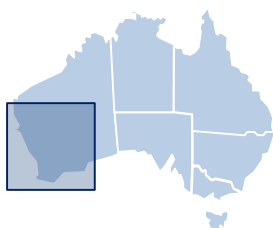
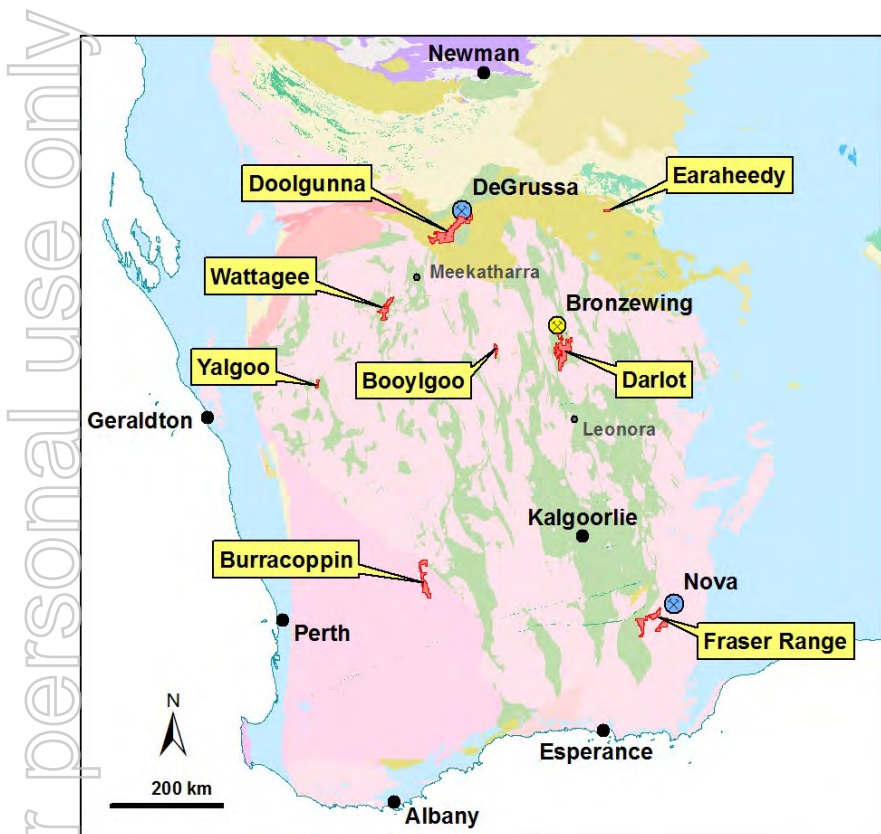


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Competent Persons Statement

- The information in this presentation that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dermot Ryan, a Fellow of the Australasian Institute of Mining & Metallurgy. Dermot Ryan is an employee of consulting company Xserv Pty Ltd and Director of the Company.
- Dermot Ryan has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a ‘Competent Person’ as defined in the 2012 Edition of the ‘Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Dermot Ryan consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.



Enterprise is seeking

- Magmatic nickel-copper sulphide deposits (Fraser Range)
- Volcanic & sediment hosted basemetal sulphide deposits (Doolgunna)
- Greenstone hosted gold & base metal deposits (Darlot)

“ENT’s Plato is the most advanced junior-held Nova-style target in the Fraser Range”

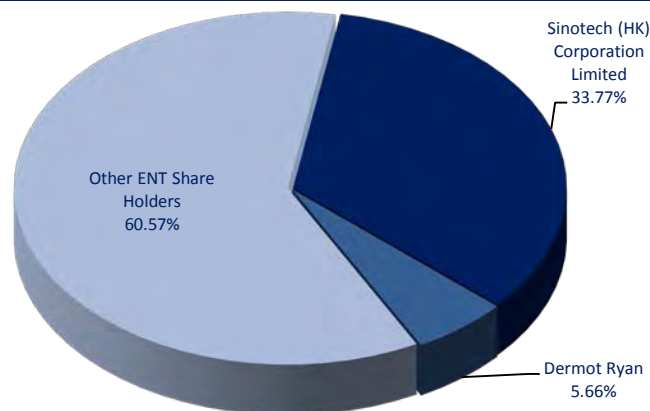
Tightly held – low enterprise value

Capital Structure

Share Price	A\$	10 cps
Shares on Issue	#	265,595,776
Options on Issue ¹	#	36,575,000
Market Capitalisation	A\$m	\$26.5m
Cash ²	A\$m	\$1.9m
Debt	A\$m	Nil
Enterprise Value ³	A\$m	\$24.6m

1. Three tranches of options - 7.6m options are exercisable at 14.9c on or before 11 September 2015, 16.975m options are exercisable at 8c on or before November 2016, and 12m options exercisable at 10c on or before 15 June 2016.
2. Cash on hand as at 30 June 2014: \$1.9 million
3. ENT also owns **17.7%** of Enterprise Uranium Ltd (ASX:ENU)

Substantial Shareholders



Share Price & Volume – Oversold ?



About SinoTech

- SinoTech (Hong Kong) Corporation Limited is a subsidiary of SinoTech Minerals Exploration Co Ltd ("SinoTech")
- SinoTech is a major Chinese exploration and mine development company and has mineral exploration projects in China and more than 10 countries worldwide
- Its major shareholder is the Beijing Institute of Geology for Mineral Resources, which is a Chinese government owned entity
- SinoTech is a very successful resources company and has discovered a number of world class mineral deposits in China, Africa and North and South America
- Since the original SinoTech investment in May 2011, the partnership between Enterprise and SinoTech has been excellent and mutually beneficial

Directors & Senior Management

Name	Role	Background
Dr Jingbin Wang BSc, MSc, PhD	Non-Executive Chairman	Dr Wang is Executive Director of China Nonferrous Metals Resource Geological Survey, a position he has held since 2003. He has also held the title of Vice-President of the China Nonferrous Metals Industry Association since 2008. Dr Wang is a leader in the non-ferrous metals industry in China with great expertise in mineral exploration and mining amassed over his 25 years of experience. Dr Wang has been President of the Beijing Institute of Geology for Mineral Resources since 2002, and is currently Chairman of SinoTech Minerals Exploration Co. Ltd
Dermot Ryan BApSc (Geo), FAIG, FAusIMM CP (Geo) MAICD	Managing Director	Mr Ryan is a geologist with 37 years experience in the discovery and successful development of gold, base metals, iron ore and diamond deposits. He spent 20 years with the CRA (Rio Tinto) group of companies, including ten years as Chief Geologist for CRA Exploration in various Australian states. Over the past 13 years he has acted as a mineral exploration consultant in Western Australia to public and private explorers, and has held directors roles in public companies since 2005.
Anna Mao B.Eng, MBA	Non-Executive Director	Mrs Mao is Deputy GM of SinoTech Minerals. She has over 19 years' experience in finance and operations. Mrs Mao graduated from Beijing Institute of Technology University in 1991, and obtained her MBA from Richard Ivey Business School of Western Ontario University in 2001. She is a Canadian Citizen resident in Beijing
Dr Allan Trench BSc (Hons) PhD (Geophysics) MSc (Min. Econ) MBA (Oxon) FAusIMM, FAICD	Non-Executive Director	After commencing his career as a geologist with WMC, Dr Trench worked as a business consultant for McKinsey and Co, then as a manager at KCGM Pty Ltd and Woodside Petroleum. Currently he is a consultant with CRU Group, providing business analysis and intelligence on the global mining and metals and markets. He is also Adjunct Professor at WASM (Curtin University), Research Professor, Progressive Risk & Value, Centre for Exploration Targeting (UWA) and Professor, Department of Energy & Mineral Economics (Curtin GSB)
Barry Bourne BSc Geol (Hons), FAIG MAICD	Non-Executive Director	Mr Bourne is a qualified geologist/geophysicist and is also on the external advisory committee of the University of Western Australia Centre for Exploration Targeting. Mr Bourne has an extensive mineral exploration skill-set built up over a 20 year career, with international experience in countries such as Eastern and West Africa, North and South America and Papua New Guinea. Until 2013 he was Chief Geophysicist for Barrick Gold's Global Exploration Group and is now a mineral exploration consultant. Prior to Barrick Gold, Mr Bourne was employed by Homestake Gold, and began his career as a geophysicist with CRA/ Rio Tinto Exploration.
Damian Delaney B.Comm, CA,GAICD	Company Secretary & CFO	A Chartered Accountant with over 25 years of experience working with international listed companies. Mr Delaney commenced his career with Coopers & Lybrand in South Africa, before taking up a series of Finance positions in the United Kingdom, finally as FD of Tarsus Group plc until 2004. He has worked in the resource sector for the past 8 years and has been involved in numerous capital raisings for the junior resource sector holding a number of executive and non-executive Directorships

- **Significant landholding in three of the best exploration addresses in Australia**
 - **Fraser Range 100%**
 - **Doolgunna 100%**
 - **Darlot 100%, but IGO funding to earn up to 70-80%**
- **Extensive geophysical & geochemical exploration already undertaken in all areas**
- **A number of promising targets have been identified**
- **Two high-impact drilling programs completed in early 2014**
 - **Scout RC drilling completed at Doolgunna & Fraser Range**
 - **Further GEM & drilling planned for Fraser Range & Doolgunna**
 - **Share price highly leveraged to drilling success**

Premier Fraser Range Project (100% owned)

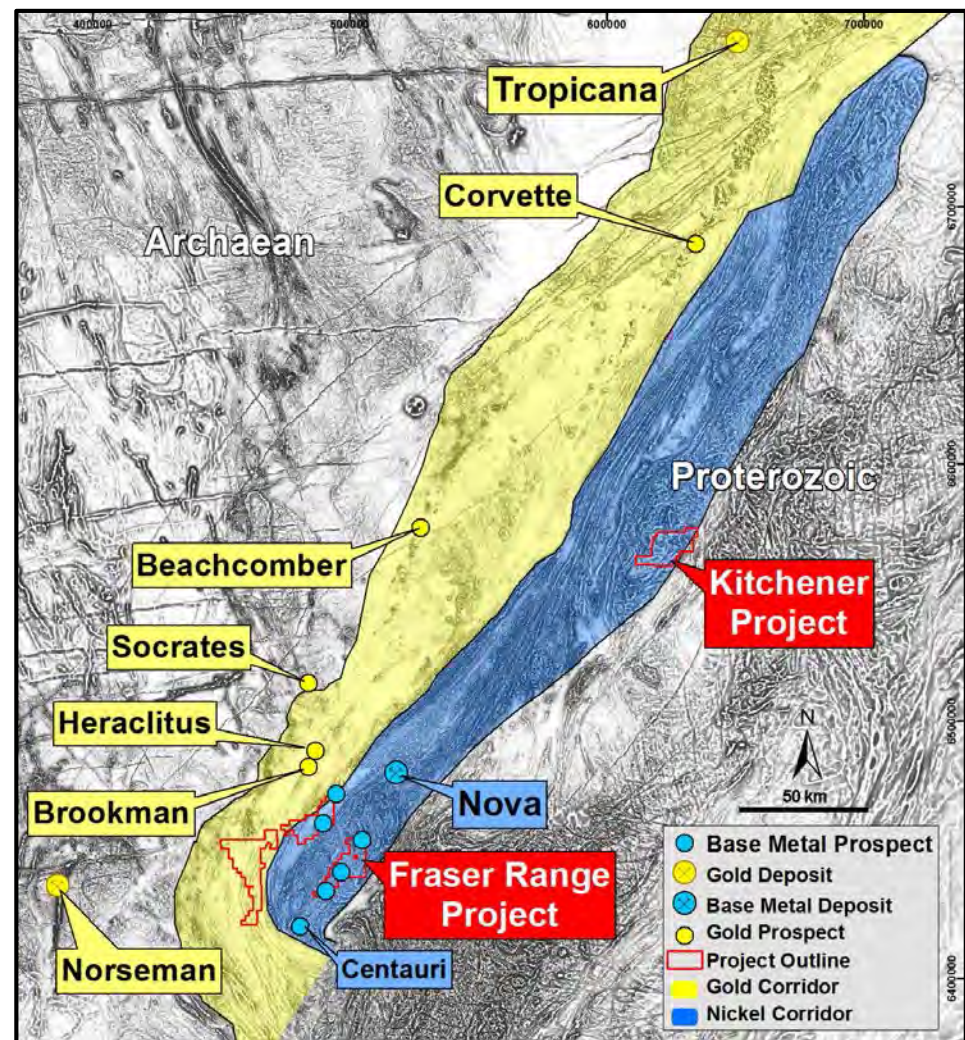
History of the Fraser Range:

- 1965-1971: Newmont
- 1995-2008: Creasy et al
- 2004: Creasy INCO JV
- 2012: Sirius (Nova discovery)

ENT 2009-2014:

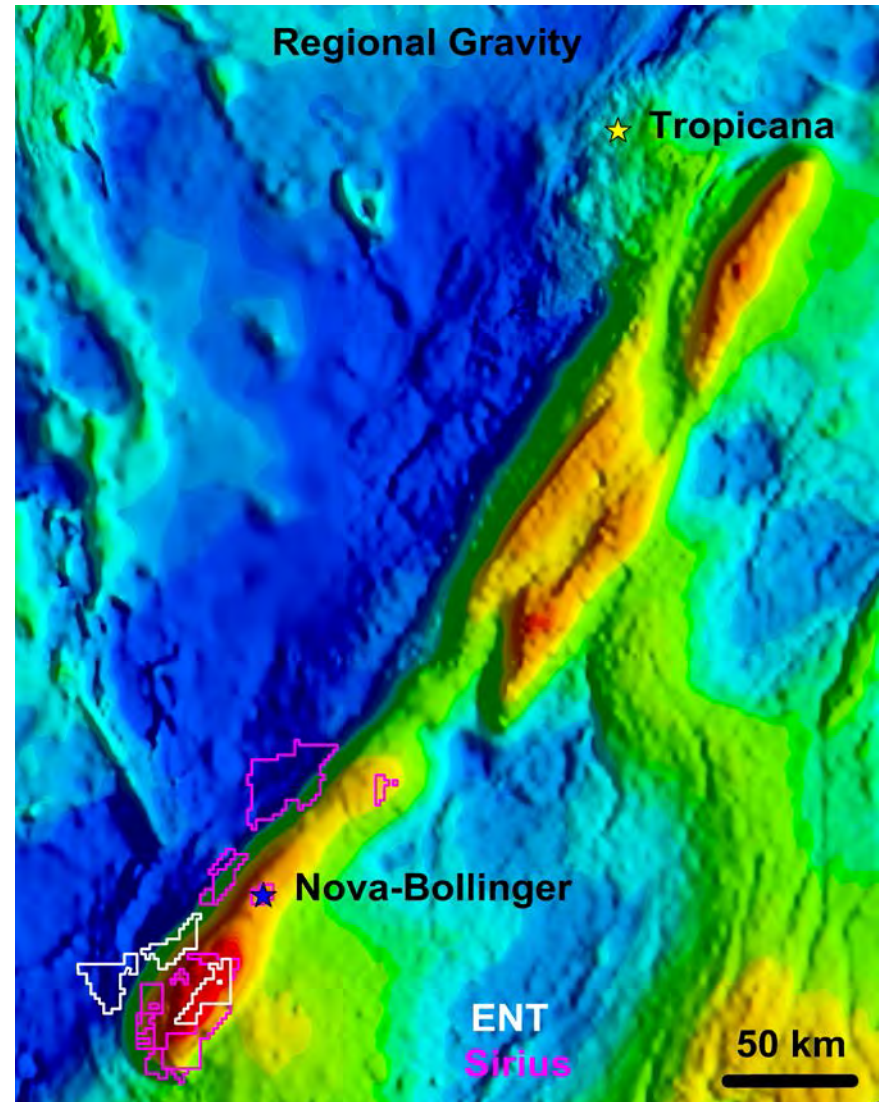
- Large landholding in southern Fraser Range
- Detailed aeromag, soil sampling & AEM completed
- Maiden RC/DC drilling May 2014
- Nickel-copper sulphides intersected
- Further GEM underway Aug 2014

Drilling results indicate potential for Ni/Cu sulphide deposits within intrusives/feeders in layered mafic complex (Eg. Noril'sk, Pechenga)



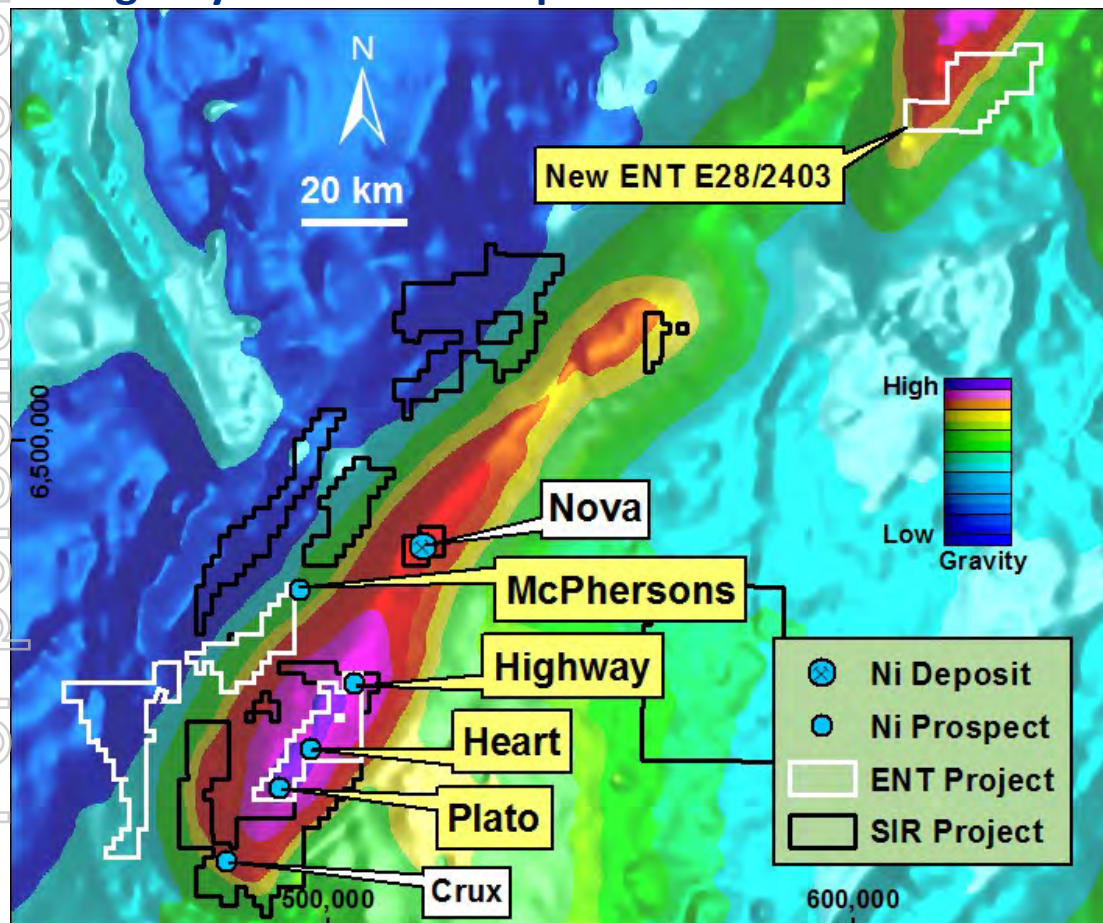
Gravity Ridge – The Choice Area

- Regional gravity image of the Fraser Range highlights the Fraser Orogenic Complex
- The image demonstrates that ENT & SIR's ground is largely in the high-gravity area
- The high-gravity areas (red-orange colours) equate to the more dense iron rich (mafic /ultramafic) rocks, which are highly prospective for Nickel and Copper mineralisation

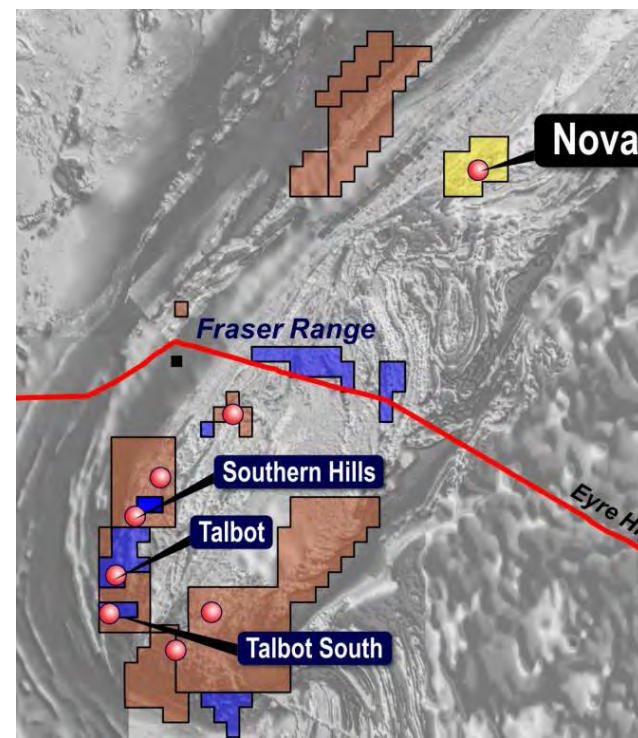


Multiple Target Areas - close to SIR Tenure

ENT ground is well placed with respect to Sirius' tenements, over core of gravity high, interpreted to be a large layered mafic complex



Sirius Resources' Tenements & JV's

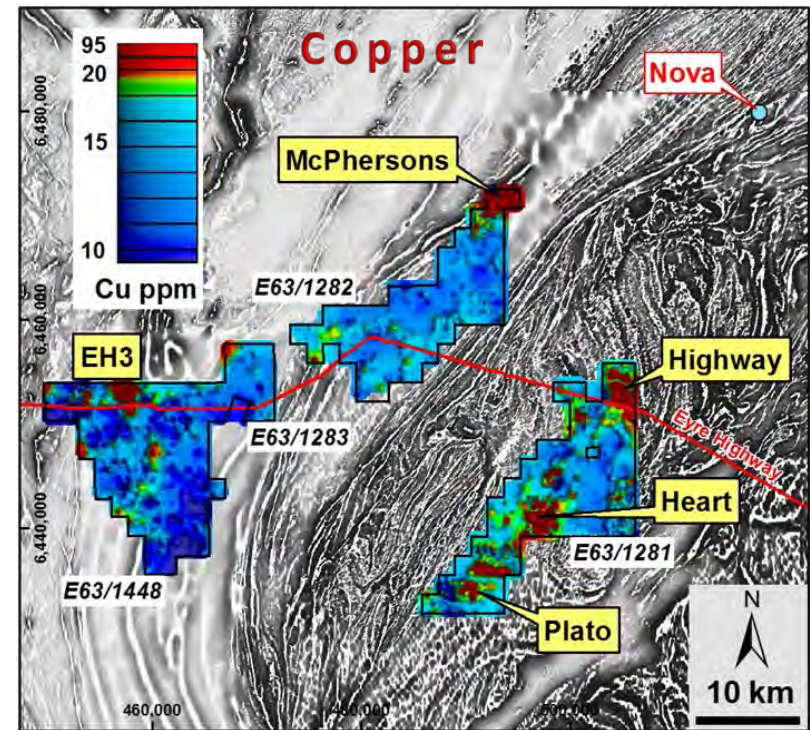
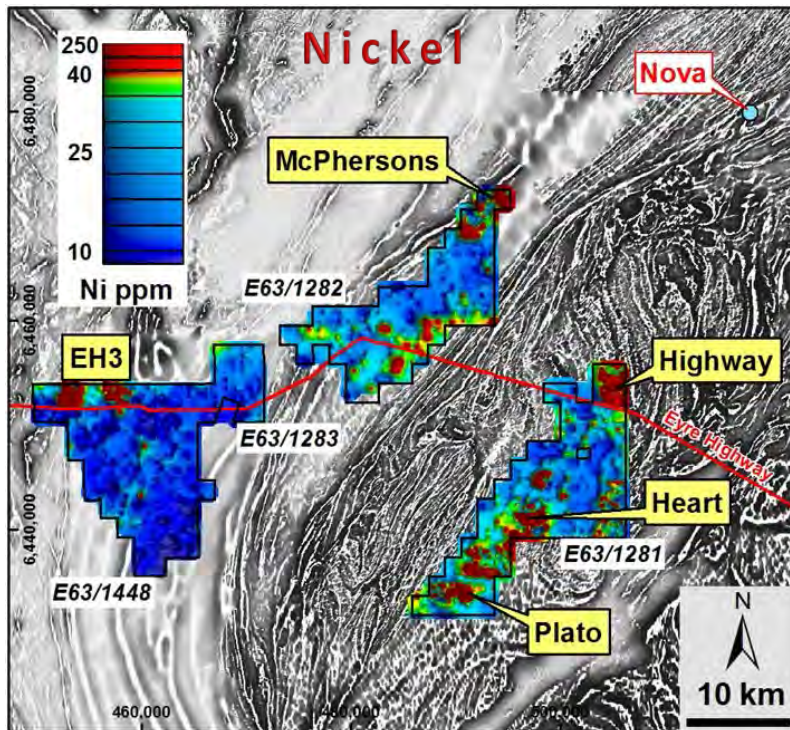


Source: Sirius Resources NL
ASX release 20 November 2013

Geochemistry Prioritises Areas

- Multi-element regional soil geochemical analysis completed [800m x 400m]
- Coincident multiple Ni-Cu-Co results from six target areas
- Infill sampling completed [200m x 100m]
- Geochemically anomalous areas coincident with magnetic/AEM features
- Plato selected as 1st target to drill test – nickel copper sulphides in holes 2 & 3

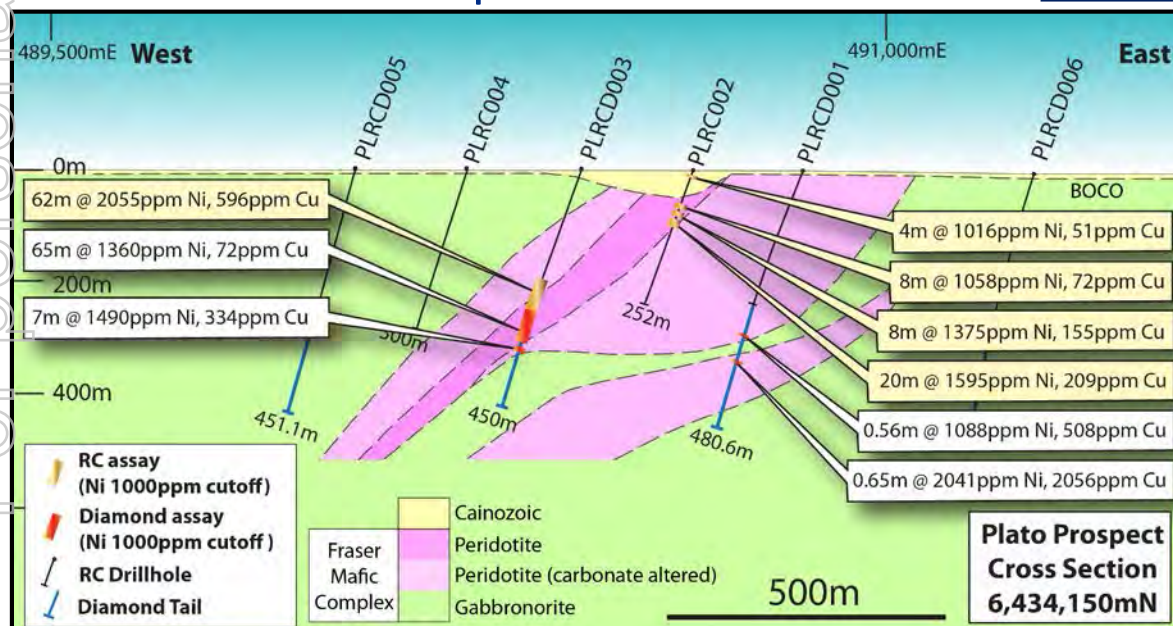
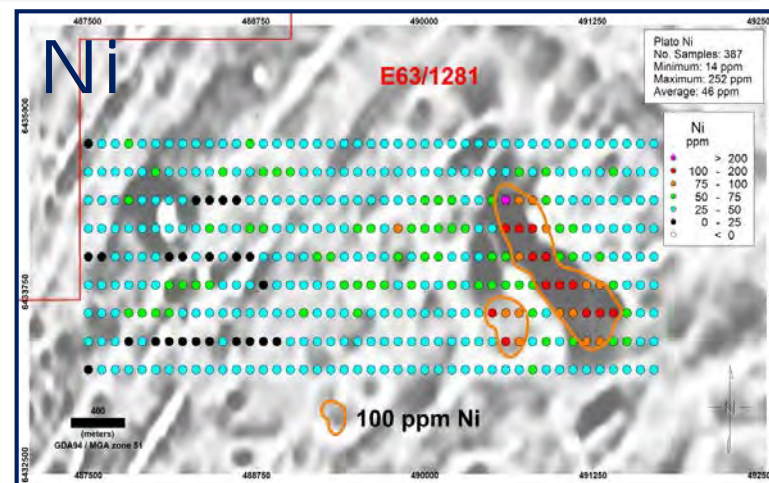
ENT: ASX release 19 March 2013



Plato - The First Target Tested

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- Plato soil geochem data over magnetic “low”, co-incident with elevated nickel, copper, cobalt
- Magnetic “low” interpreted as olivine gabbronorite unit/intrusive within mafic complex



ENT: ASX release 30 July 2014

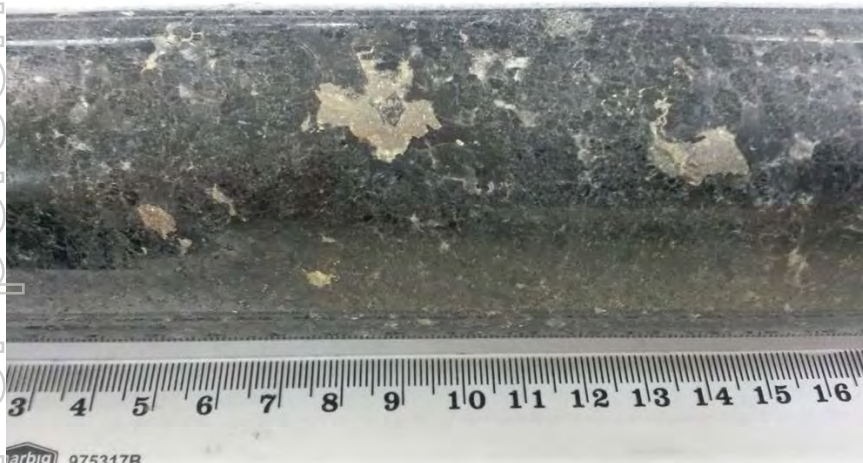
Plato Maiden Drilling Program

■ Initial success with RC drilling

PLRC003	From (m)	To (m)	Interval (m)	Ni (ppm)	Cu (ppm)	Co (ppm)	S (%)	MgO (%)
	208	270	62	2,100	596	120	0.75	13.9
Incl.	231	251	20	2,970	909	145	1.15	14.7
Incl.	231	234	3	3,970	1,123	170	1.45	15.2
Incl.	246	247	1	3,748	1,480	147	1.48	12.4

■ And Diamond Core shows splashy pentlandite and chalcopyrite

ENT: ASX release 19 May 2014

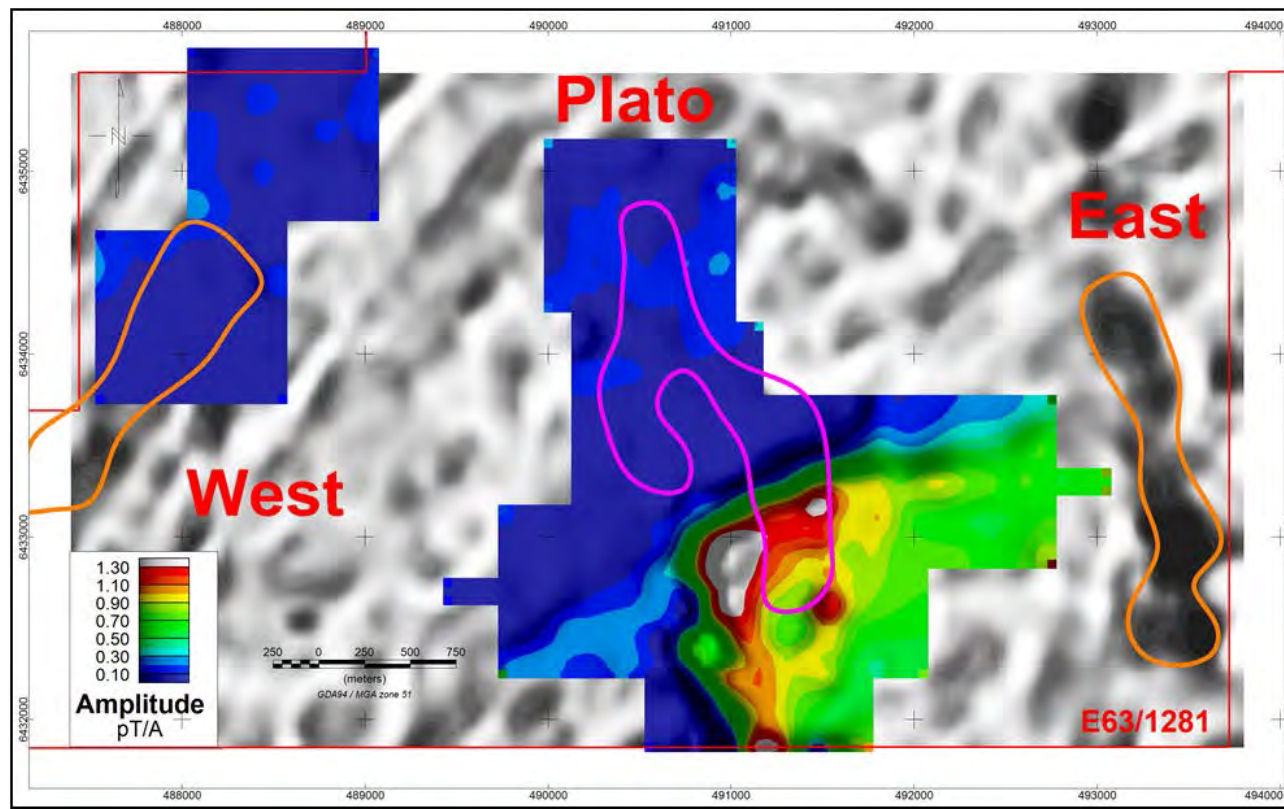


PLRCD003, at 340 metres Downhole
Niton XRF on Sulphides: 2.3% Ni, 0.3% Cu



PLRCD003, at 337.4 metres Downhole
Niton XRF on Sulphides: 5.5% Ni, 1.5% Cu

- Fixed loop Ground EM shows Conductor at Plato south
- Further FLEM in progress at Plato East and West



ENT: ASX release 27 June, 20 August 2014

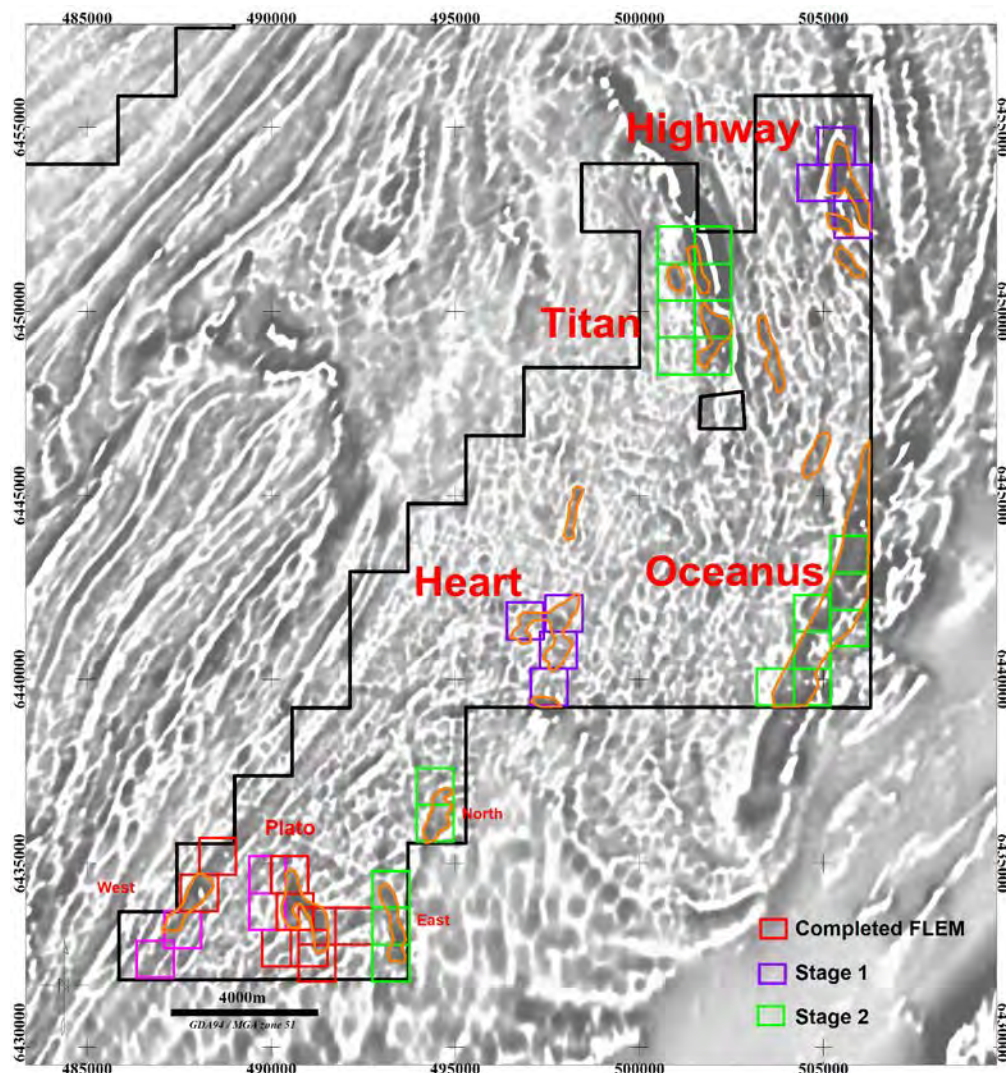
Fraser Range – Multiple Prospects

■ **Plato:** Ni/Cu sulphides in olivine gabbronorite unit/intrusive within layered mafic complex

■ Olivine gabbronorite characterised by distinct magnetic low

■ Multiple other prospects identified for GEM surveys and drill testing

■ Sirius pursuing same model

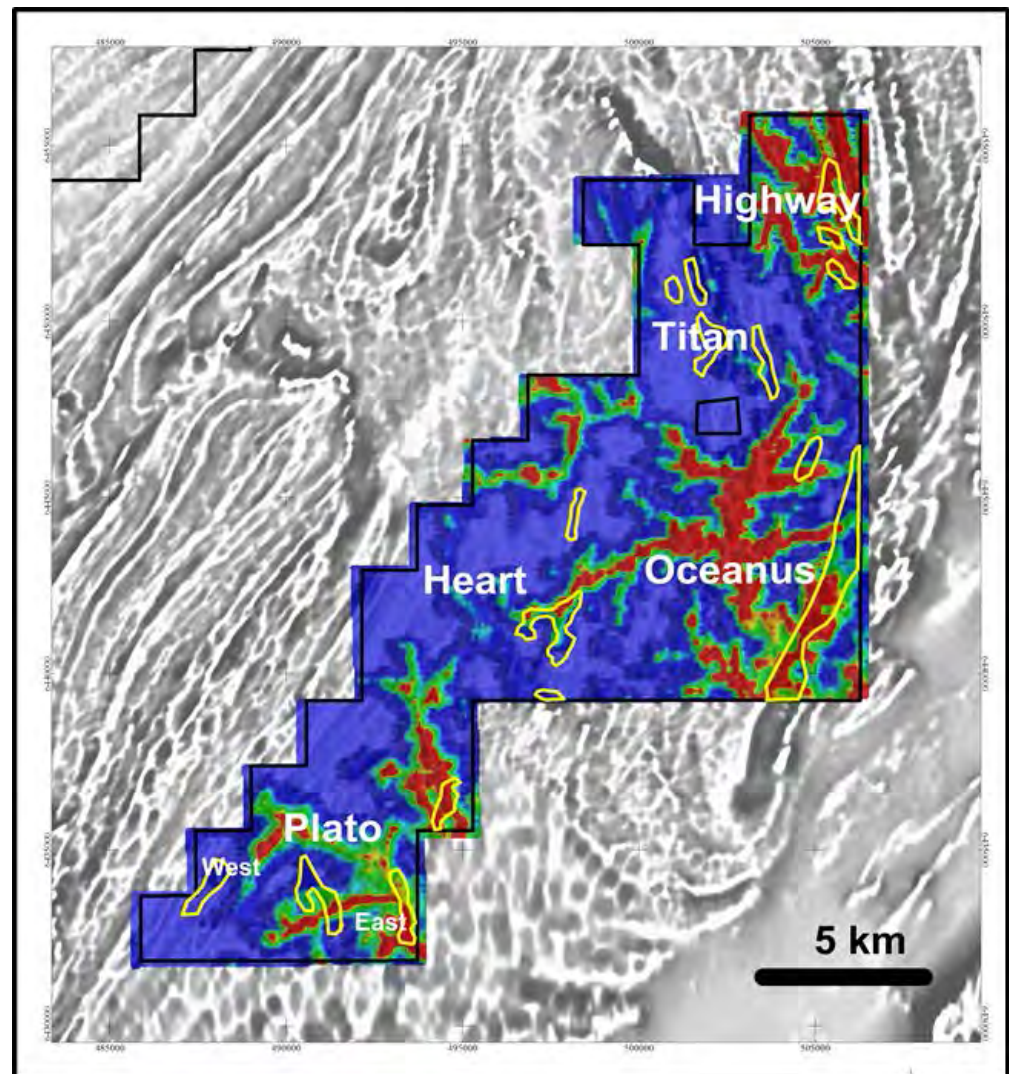


- Ni/Cu sulphides in olivine gabbronorite at Plato

- Olivine gabbronorites more easily weathered due to olivine and sulphide content

- HeliTEM survey identified areas of deeper weathering and shallow palaeochannels, where soil sampling may be ineffective

- Ground EM to be used to screen these targets for deep conductors



Fraser Range – The Prospects

- Seven high quality prospects
- Ground EM underway to identify conductors (drill targets)
- Then drill testing

	Ni, Cu, Co Geochem	Mafic Rocks	Mag Low Signature	EM Conductors	Ni / Cu Sulphides
Plato	Yes	Yes	Yes	Partial	Yes
Plato West	Yes	To be tested	Yes	To be surveyed	Target
Plato East	Cover	To be tested	Yes	To be surveyed	Target
Heart	Yes	To be tested	Yes	To be surveyed	Target
Oceanus	Cover	To be tested	Yes	To be surveyed	Target
Titan	Yes	To be tested	Yes	To be surveyed	Target
Highway	Yes	To be tested	Yes	To be surveyed	Target

■ Plato

- Ground EM in progress
- Permitting & access
- Further drilling as required

■ Plato West, Plato East, Heart, Oceanus, Titan & Highway

- Ground EM planned over coincident Ni-Cu-Co/mag lows
- Permitting & access required
- Then AC/RC/DC drilling

Fraser Range – Work Schedule

- Aggressive high impact exploration program
- Ground EM program has commenced to define drill targets
- Drilling scheduled for second half of 2014

Schedule 2014-2015	June Quarter	September Quarter	December Quarter	March Quarter 2015	June Quarter 2015
Ground geophysics					
Permitting, Heritage, Environment					
Scout RC drilling					
Diamond Drilling					

Doolgunna Project

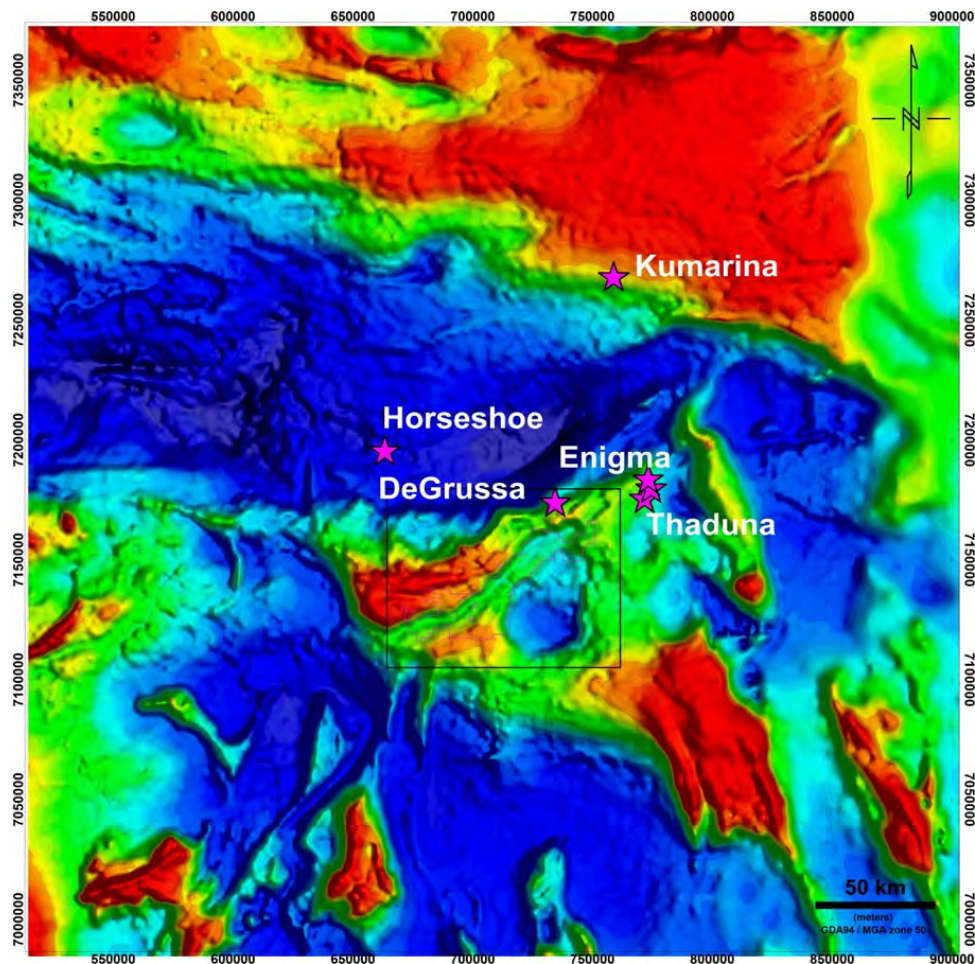
1,000km² 100% owned*

Background

- 1942-53: Small scale Cu mining
- 1950-66: Horseshoe Cu/Au mine
- 1955-71: Thaduna Cu mine
- 2009: Sandfire “DeGrussa” VMS
- 2013: Sipa “Enigma” SEDEX
- 2014: ENT SEDEX targets

Highly prospective for VMS and SEDEX Cu, Pb, Zn deposits

Potential Central African Copperbelt/Mt Isa style massive sulphides in Doolgunna Trough, flanked by Goodin & Southern Boundary Faults, representing deep crustal sutures



* E51/2404 & E51/2406 : 80% owned

Doolgunna – Geology

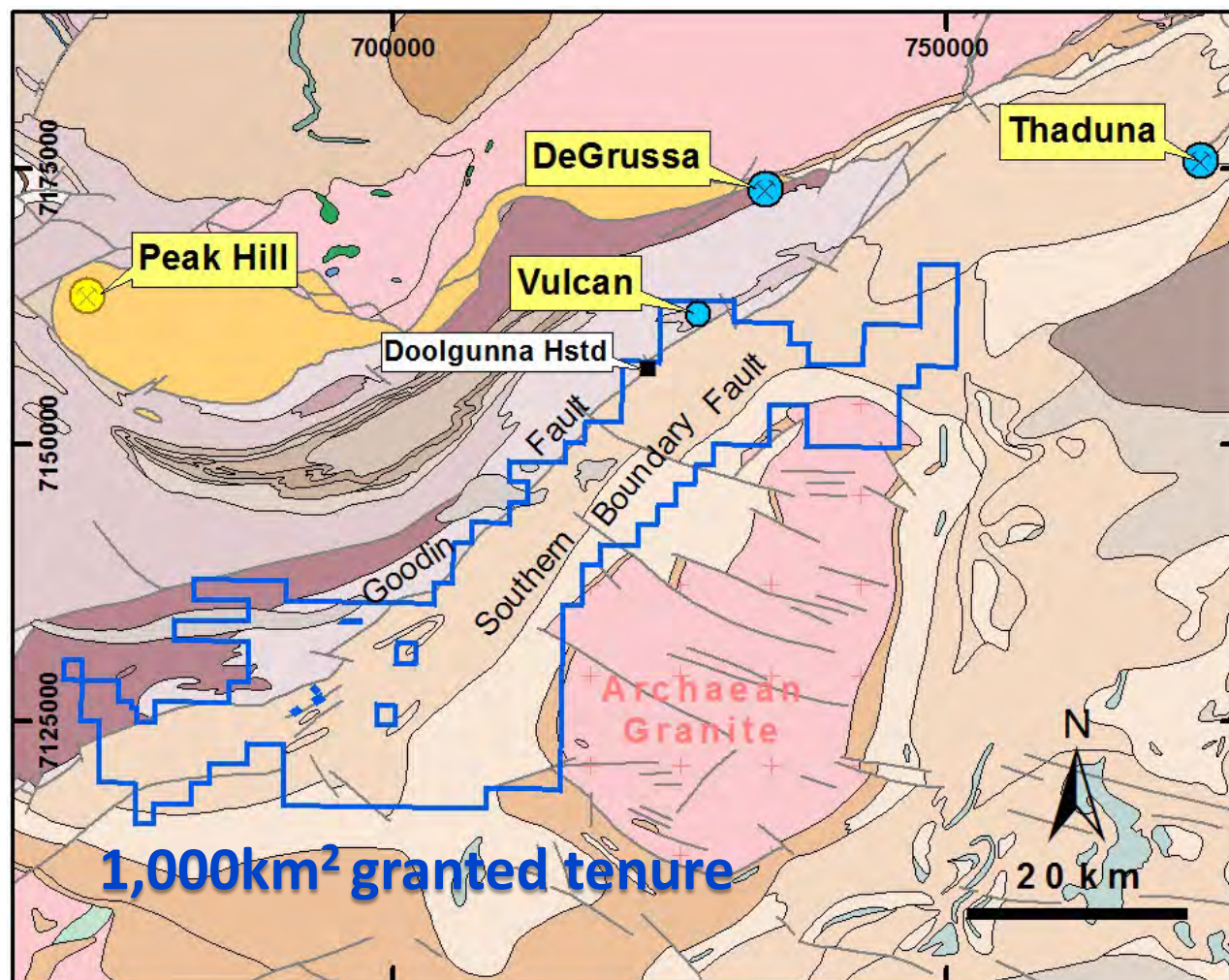
Ore-control factors:

Structural control:

Intersection of NE-striking Goodin and SBF faults with NW striking cross-cutting faults

Mineralisation source and fluids:

Copper sourced from mafic volcanics, medium low temperature fluids, heated by radioactivity from Archaean granite



Prospecting Indicators

Structure:

NE-striking Goodin and SBF faults, with major NW striking cross cutting faults, associated with:

Geochemical anomalism

Bi: Bismuth

Sb: Antimony

Te: Tellurium

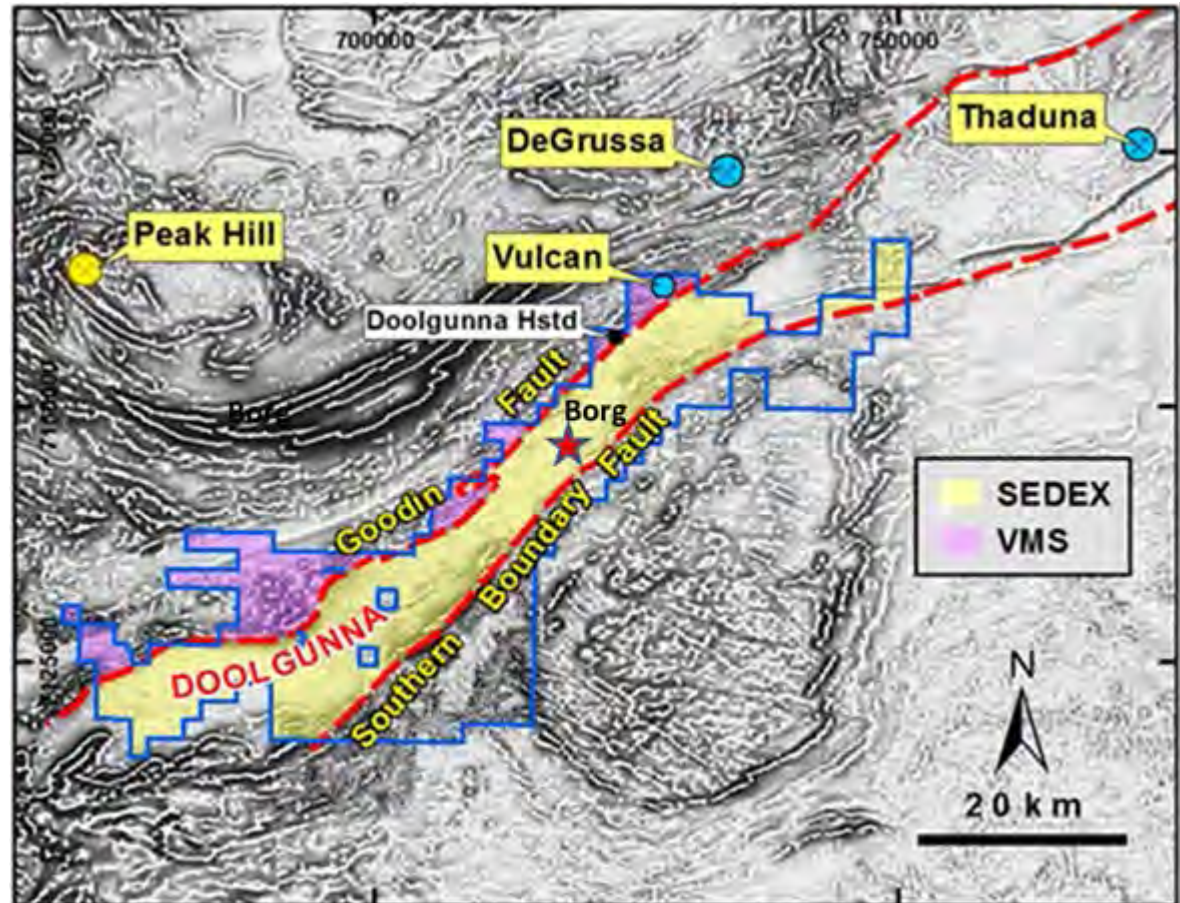
W: Tungsten

Mo: Molybdenum

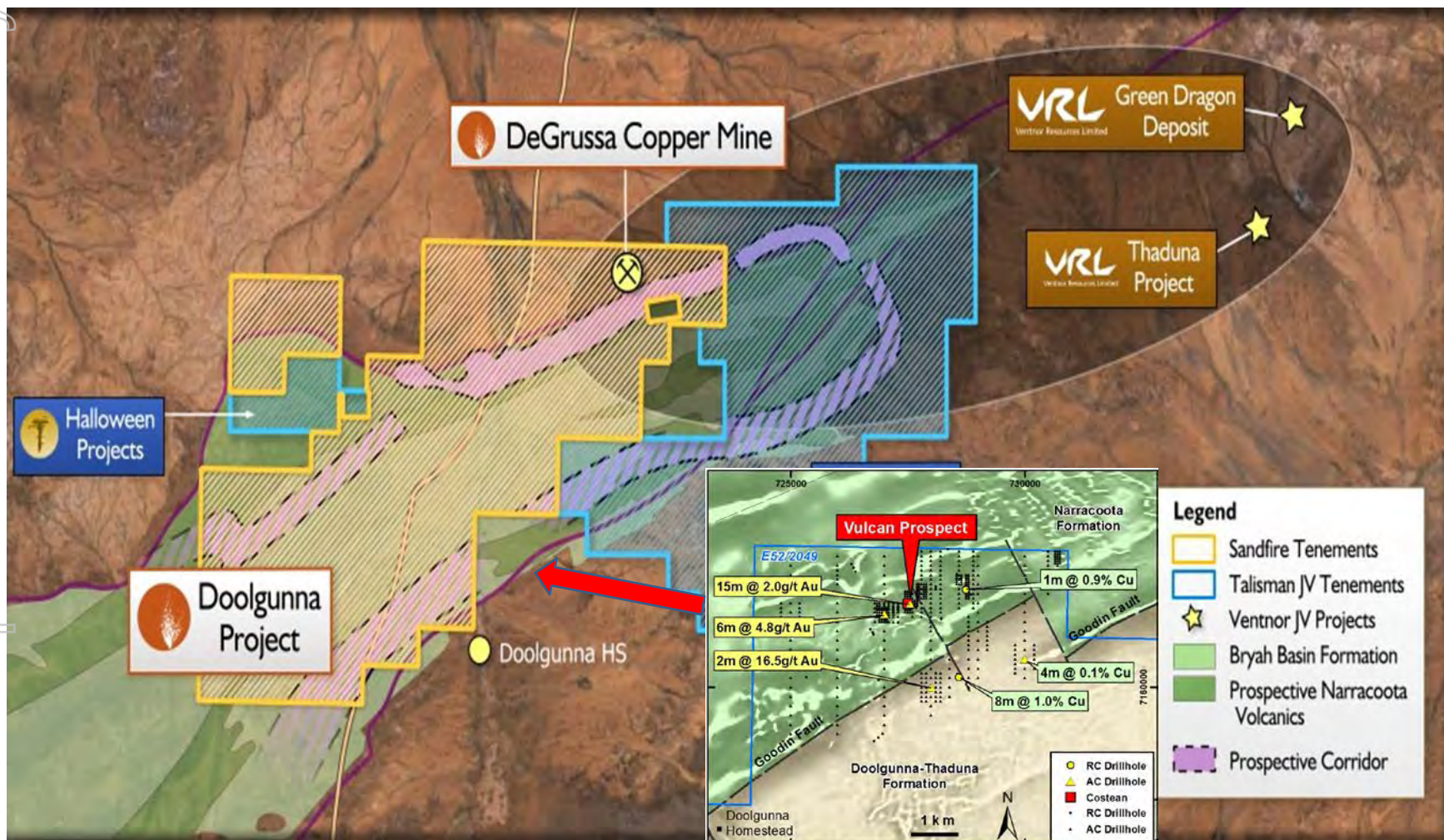
Sn: Tin

Enrichment at surface.

Cu(Zn): Depletion in regolith



VMS Targets -Sandfire & Enterprise

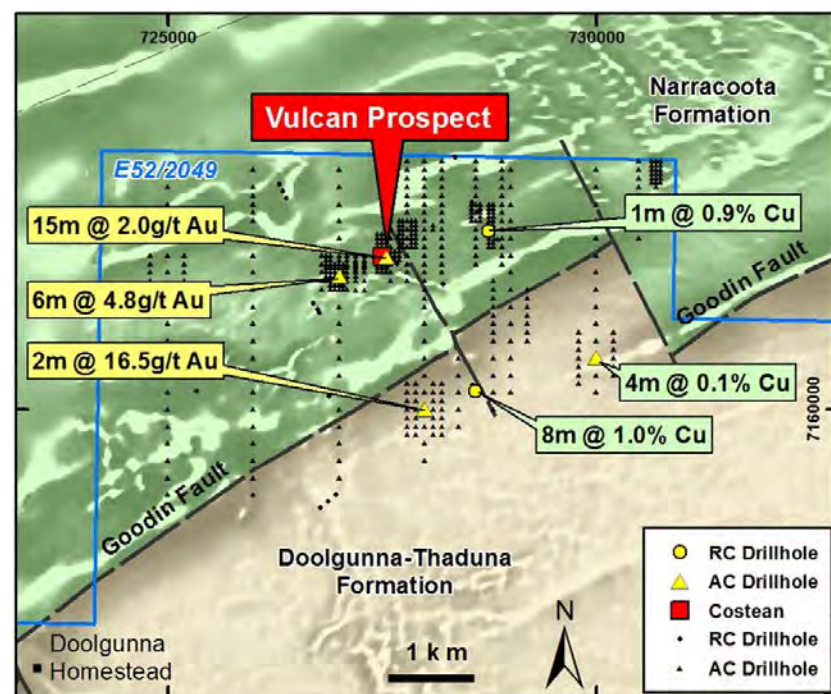
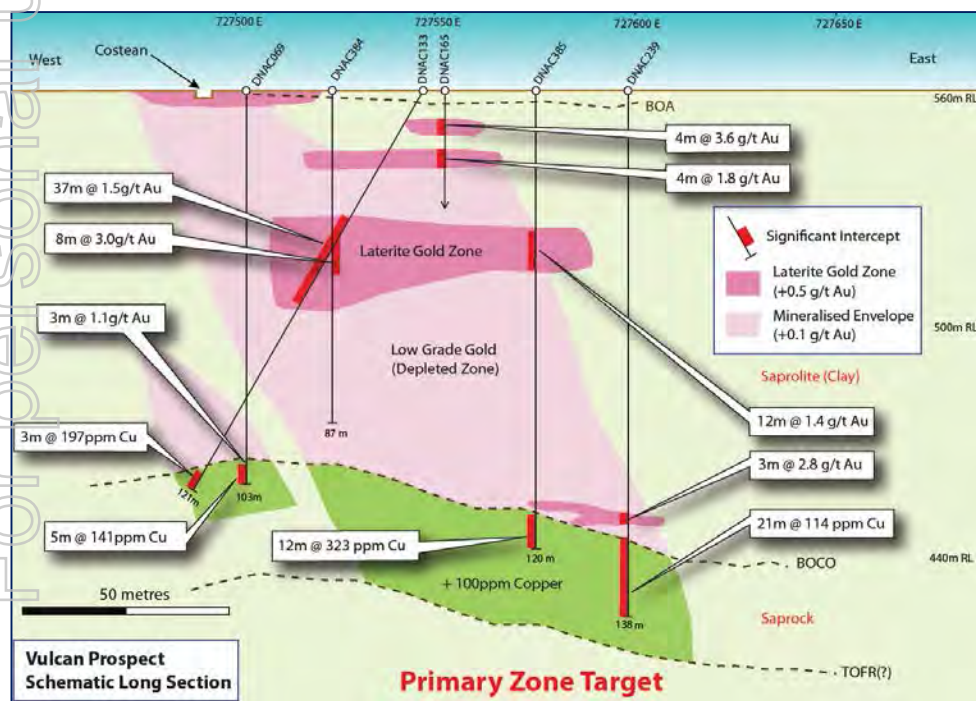


SFR: ASX 17 April 2014 Presentation

ENT:ASX Release February 2013

Vulcan VMS Prospect

- Results from limited 5 RC drill holes at Vulcan in 2013 included 11m @ 3.2g/t Au from 112m and 9m @ 1.7g/t Au from 133m (hole VRC003)
- Vulcan Prospect, defined by shallow AC/RC drilling, not yet fully tested
- Attention turned to larger SEDEX style targets in “Doolgunna basin”



Doolgunna – SEDEX Search Criteria

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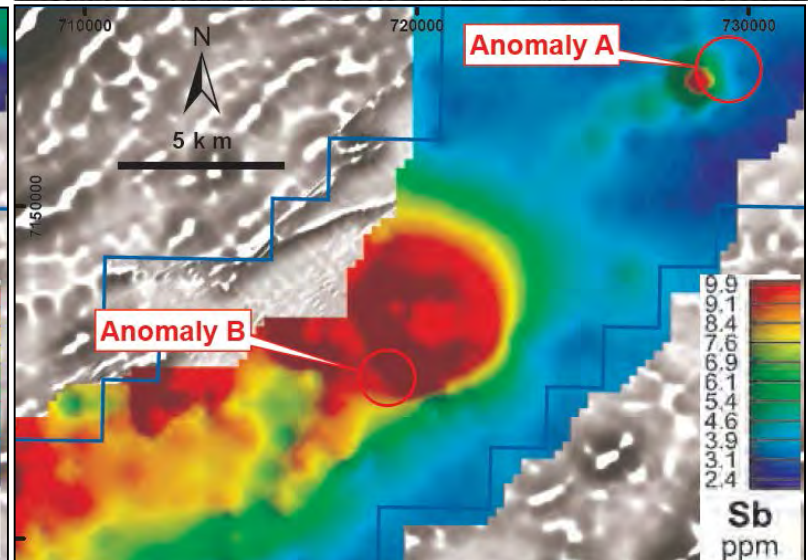
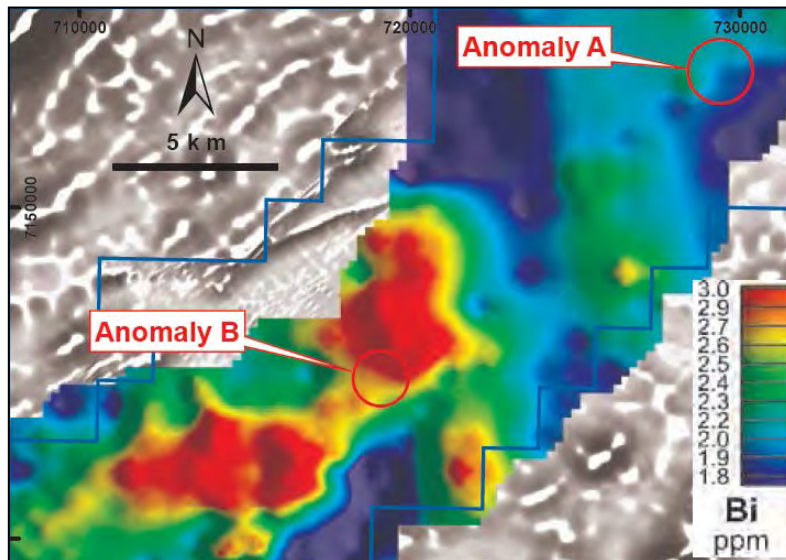
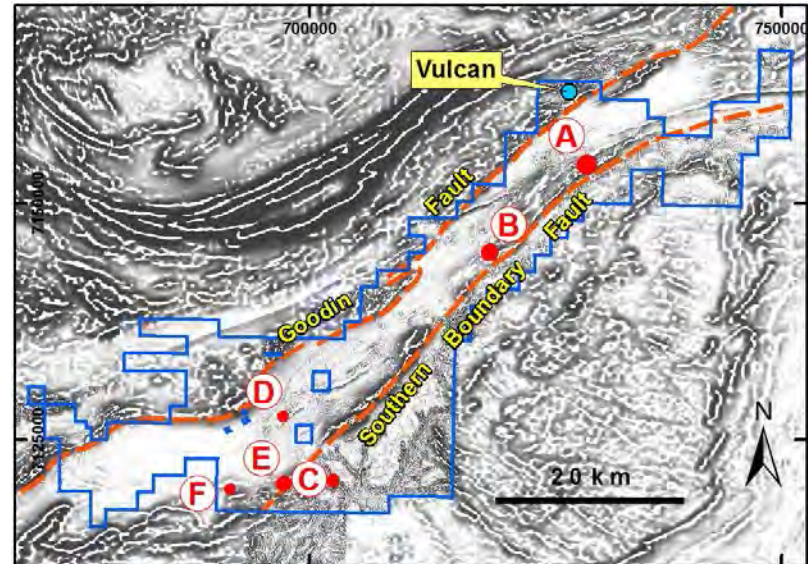
Tectonic setting Rift, sag, deformation	Yerrida Basin Capricorn Orogen	✓
Source rocks Copper rich	Volcanics – basalts, etc	✓
Heat flow Hydrothermal systems	Archaean Goodin Dome	✓
Major Structures Basin bounding faults	Southern Boundary Fault Goodin Fault	✓
Favourable Hosts Black shales & dolomitic rocks		✓

Ore Host: Laminated dolomite/limestone units interbedded with carbonaceous black shales
Ore style: Stratiform and structurally re-mobilised mineralisation

Airborne EM

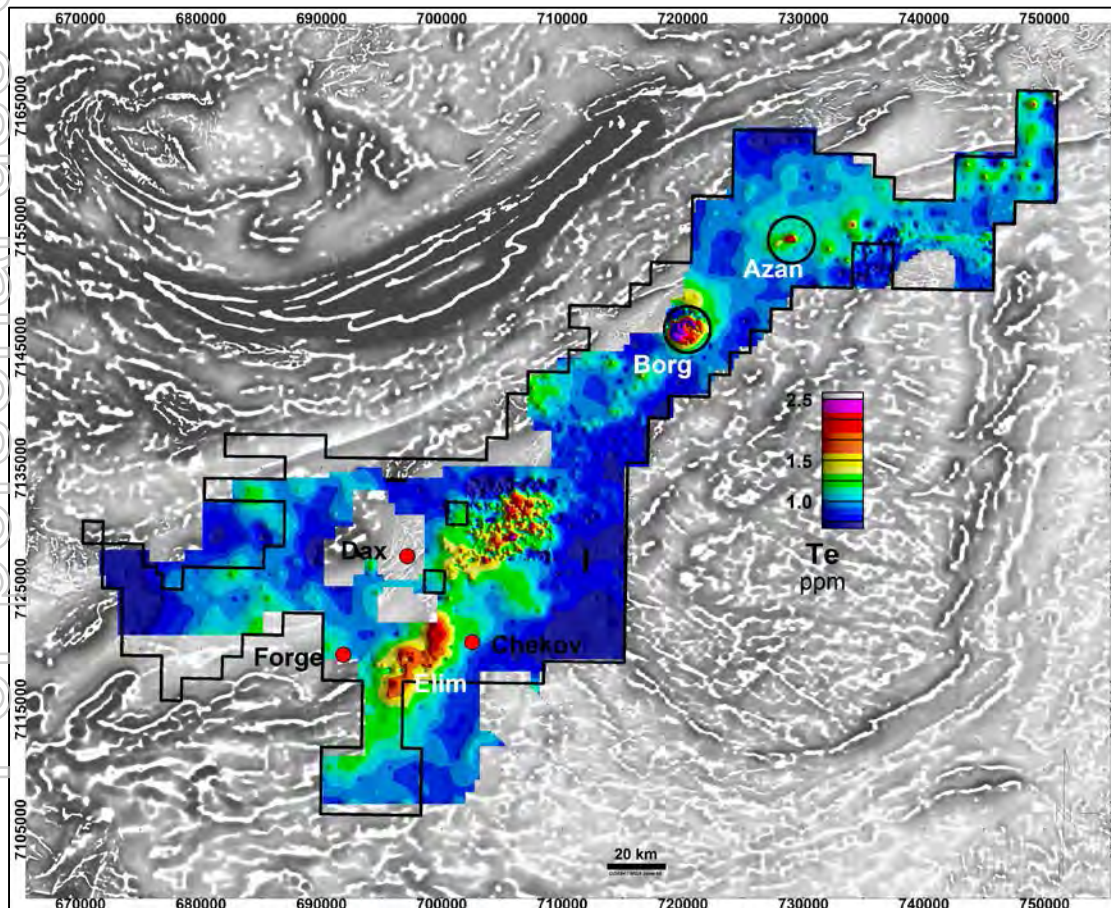
- Airborne SPECTREM survey (5,500m line spacing) identified 6 excellent bedrock conductors
- Targets **A & B** associated with anomalous Te, Bi, Sb, Mo in maglag samples
- Targets **C to F** associated with Te, Sb, Mo, \pm Bi

ENT:ASX release 30 October 2013



Maglag Surface Geochemistry

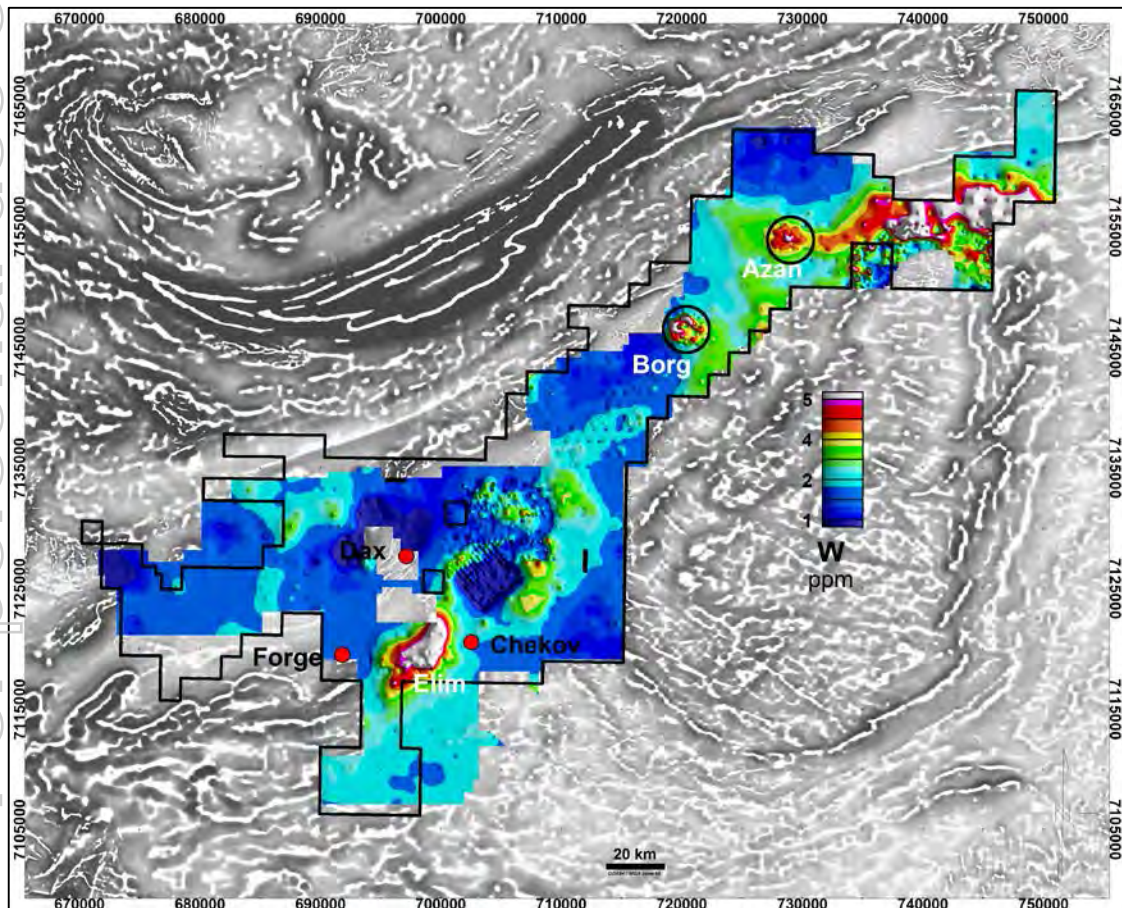
- Initial Maglag at 1km x 1km spacing
- Broad multi-element anomalies identified (Te, Bi, Sb, Mo, As, W, etc)
- 2014: Infill Maglag sampling (250m x 250m)



Tellurium Maglag Geochem

“Tellurium often occurs with large gold deposits & copper sulphide deposits”

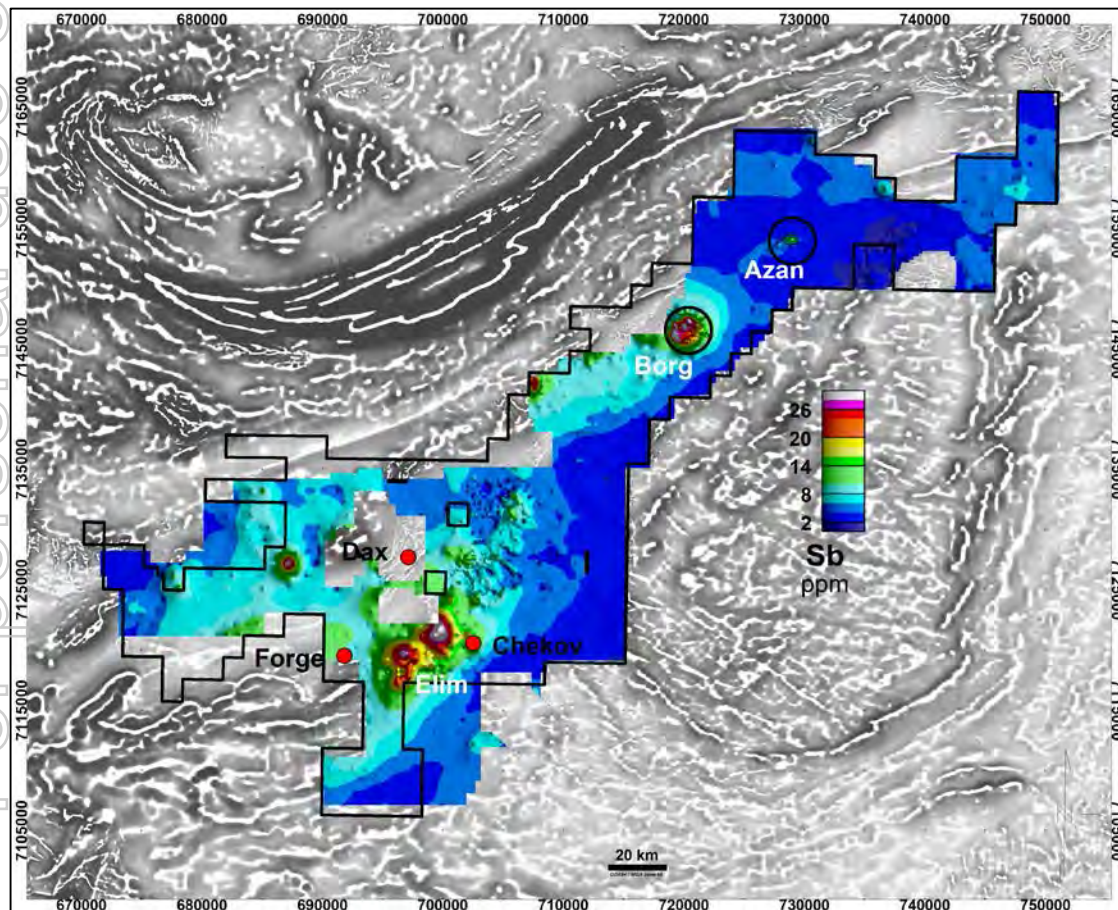
2014: Additional & Infill Maglag - W



Tungsten Maglag Geochem

“Tungsten is often diagnostic of base metal mineralisation”

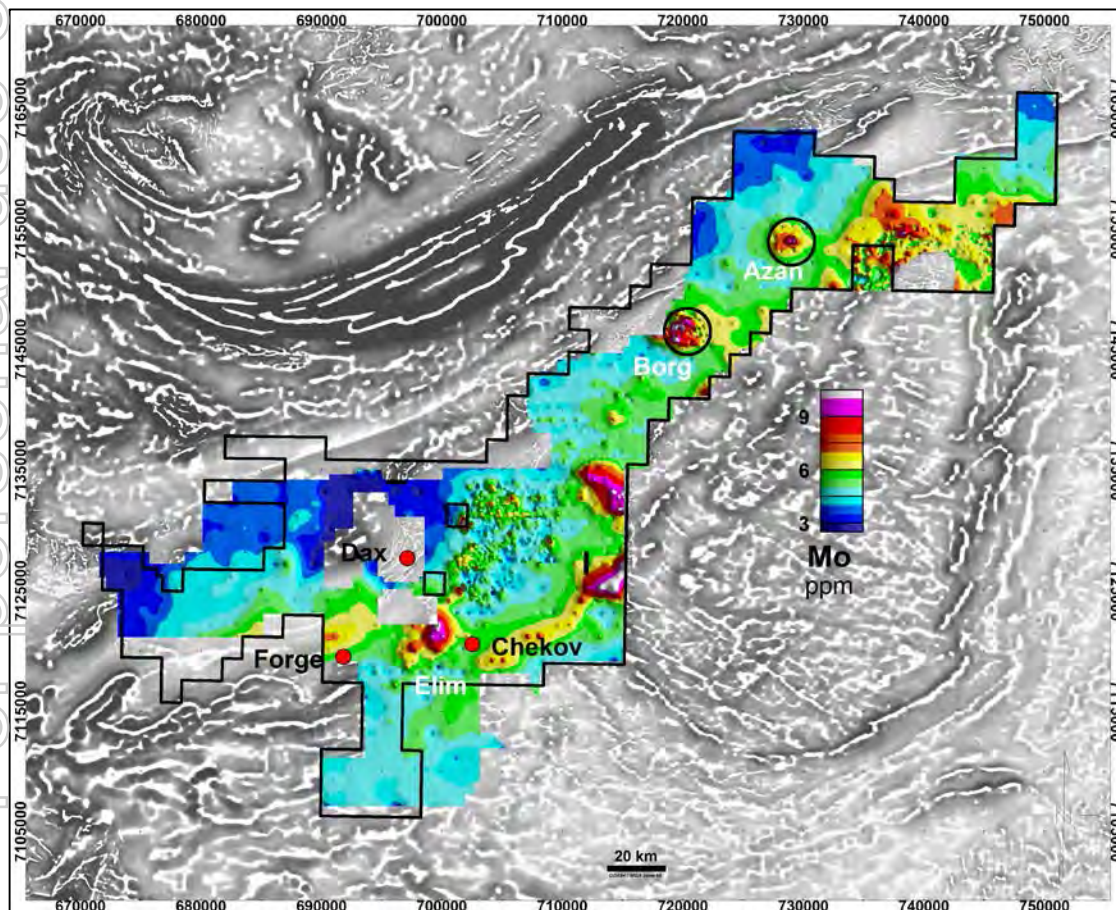
2014: Additional & Infill Maglag - Sb



Antimony Maglag Geochem

“Antimony is often associated with limestone hosted base metal mineralisation “

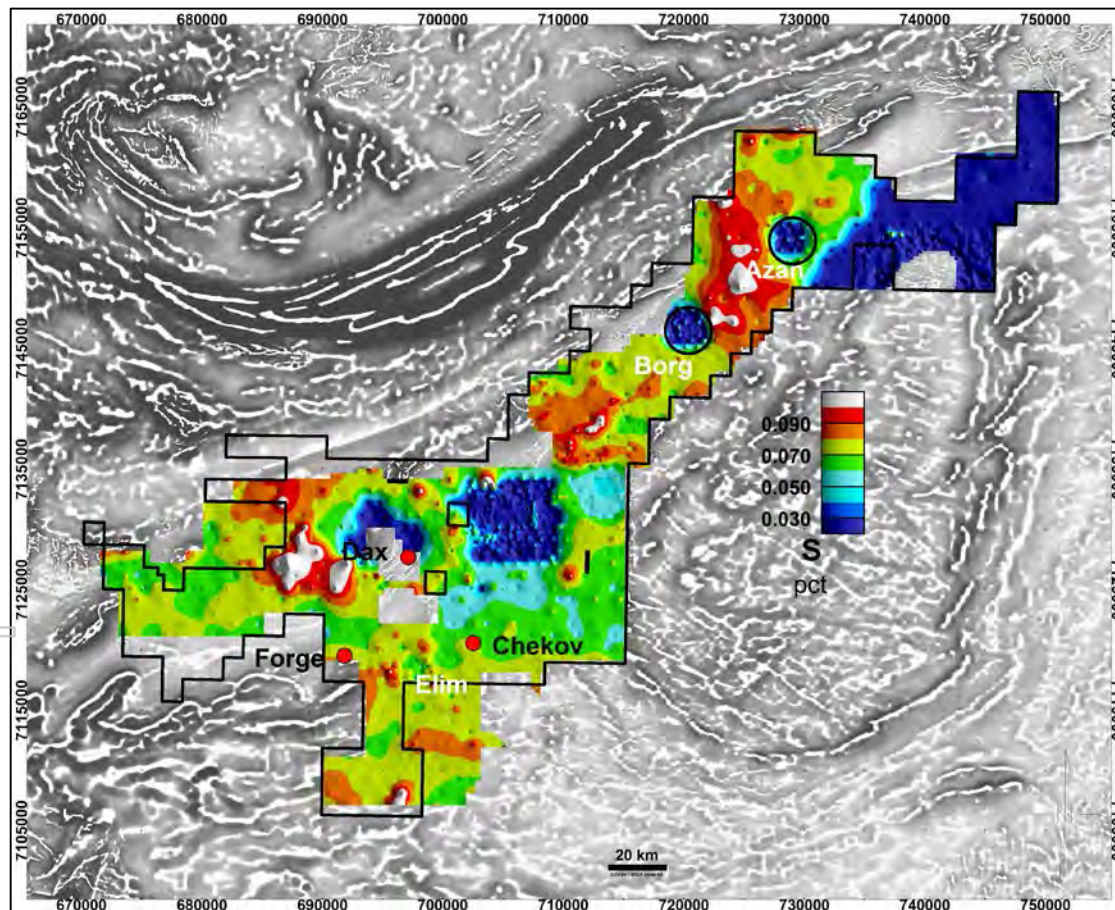
2014: Additional & Infill Maglag - Mo



Molybdenum Maglag Geochem

“Molybdenite (MoS_2) is often recovered as a by-product of copper & tungsten mining “

2014: Additional & Infill Maglag - S



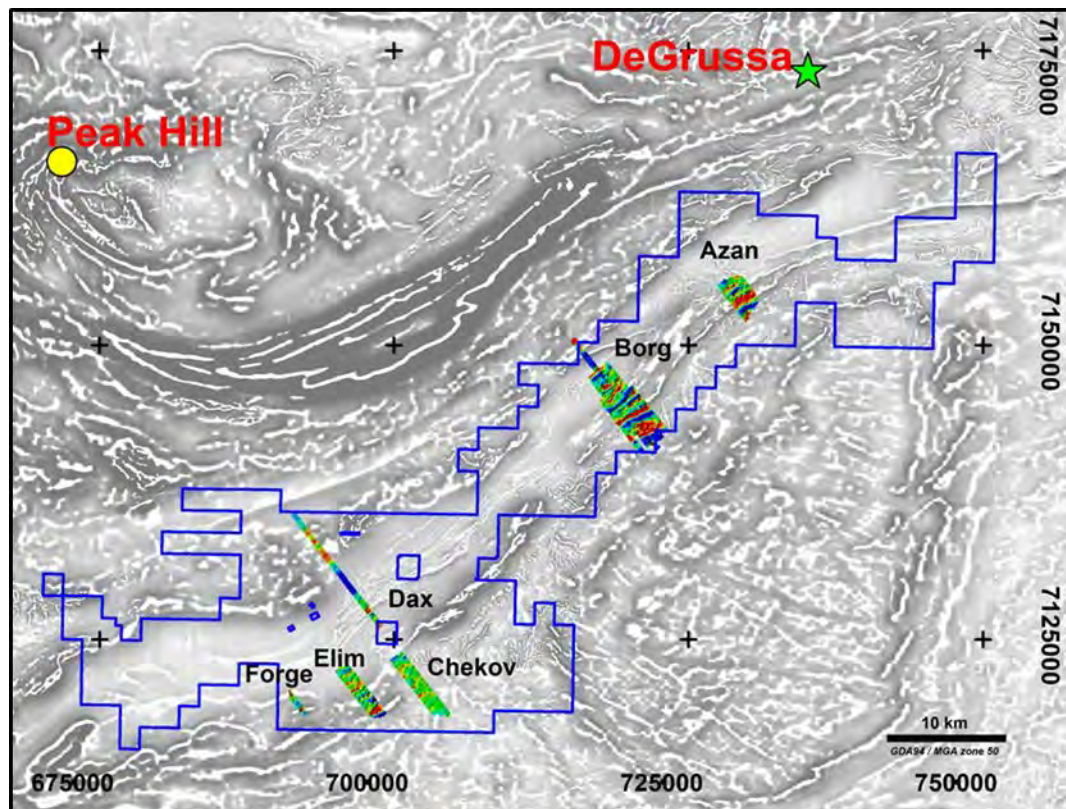
Sulphur Maglag Geochem

“Low level sulphur analyses, but relative surface depletion in sulphur infers acid leaching of soluble metals such as copper & zinc”

“2014 Infill sampling highlights Sulphur depletion”

- Scout RC drilling of Maglag geochem/GEM/ gravity targets
- 36 RC holes for 4,166 metres
- First drill test of fresh unoxidised sediments within Doolgunna basin
- **Drilling & analyses suggest the combined gravity/EM features are sedimentary units with disseminated & vein style base metal mineralisation & silica flooding, pyrite & hematite alteration.**

Scout RC drilling of Targets A – F



ENT: ASX release 17 April 2014

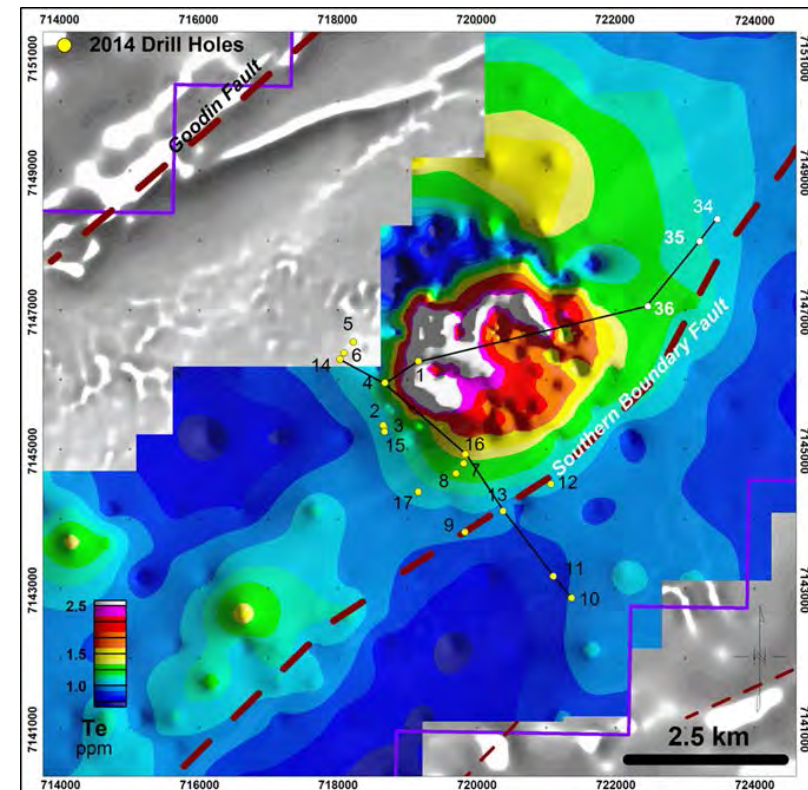
BORG Prospect – 2014 RC Drilling

- 13 shallow vertical RC holes & 4 deeper angled RC holes
- Drilling intersected weakly mineralised siliclastic & carbonate sediments
- Subsequent Maglag surface geochem shows drilling was focused too far to the west

But, RC assays confirm base metal assemblages in oxidized and fresh rock same as surface Maglag geochemistry.....

BGRC001: 56m @ 255 ppm Cu, 54 ppm As, 4 ppm Mo from 12m
BGRC002: 72m @ 390 ppm Zn from 20m
BGRC004: 8m @ 780 ppm Zn, 190 ppm Cu, 144 ppm As from 12m,
8m @ 830 ppm Zn, 180 ppm Pb, 140 ppm As from 112m
BGRC005: 12m @ 420 ppm Pb, 370 ppm As from 56m
BGRC 006: 48m @ 390 ppm Pb, 720 ppm As, 30 ppm Cd, 20 ppm W,
& 14 ppm Sb from 40m.
BGRC009: 73m @ 6ppm Te from surface to end of hole
BGRC010: 48m @ 5ppm Te, 150ppm Cu from surface to end of hole
BGRC 012: 48m @ 6ppm Te from surface to end of hole
BGRC013: 55m @ 4ppm Te from surface to end of hole
BGRC014: 16m @ 784ppm As, 13ppm Cd, 90ppm Pb, 15ppm Sb
BGRC015: 4m @ 24ppb Au, 361ppm Zn
BGRC016: 12m @ 681ppm Cu

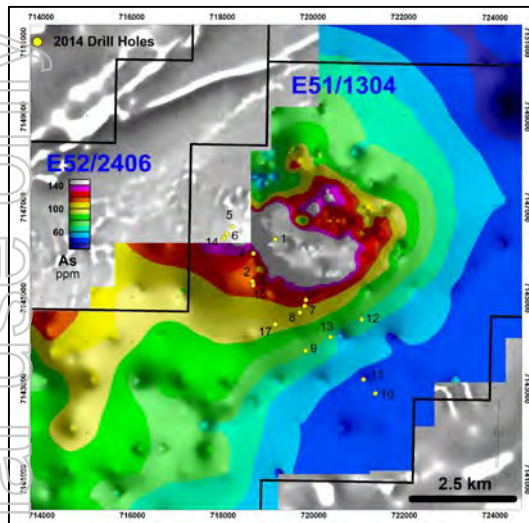
.....Gravity/EM targets not yet tested by drilling



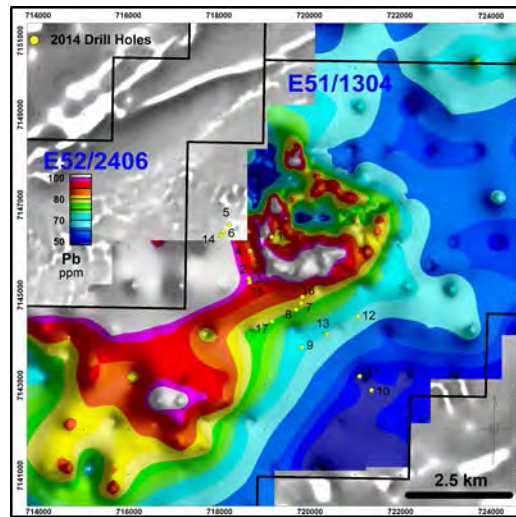
**Maglag Tellurium Geochemistry Image
& BGRC Drill Collars**

Borg Prospect – Drilling & Maglag

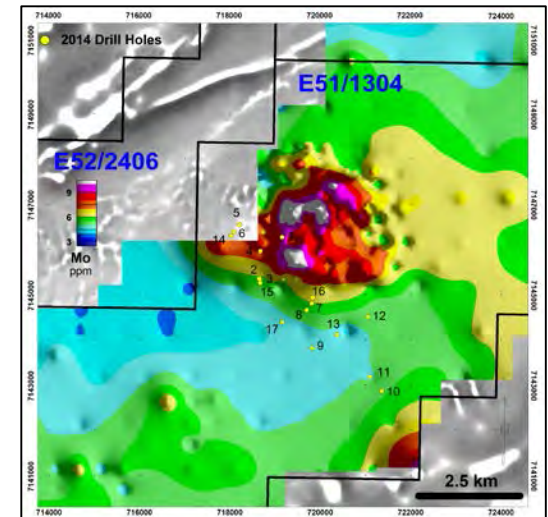
Arsenic



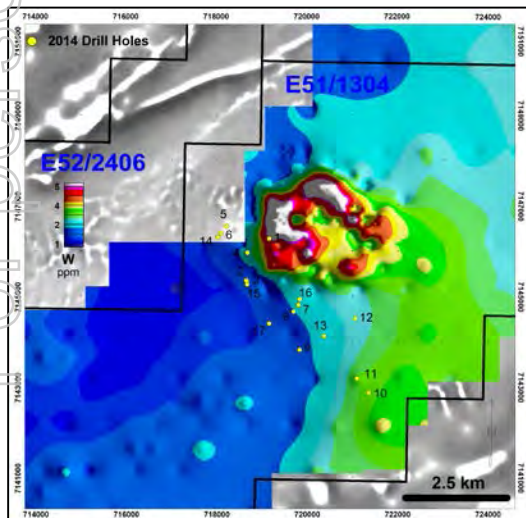
Lead



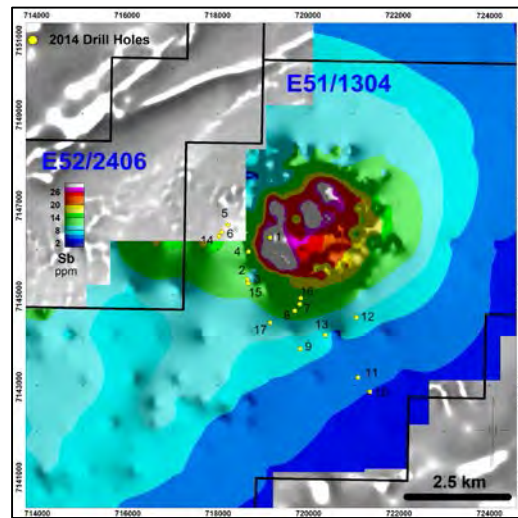
Molybdenum



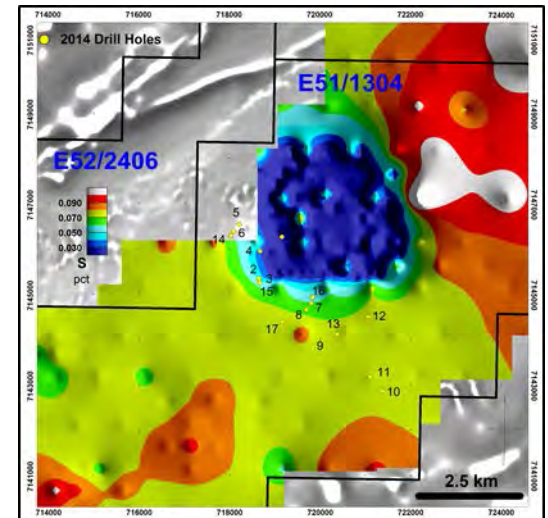
Tungsten



Antimony



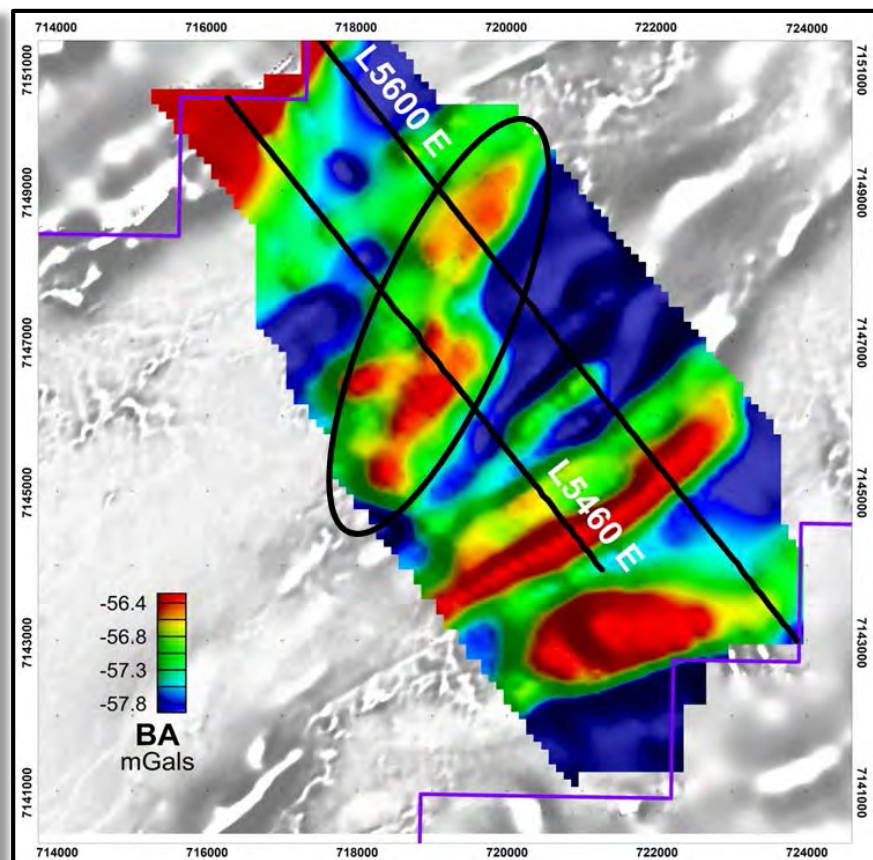
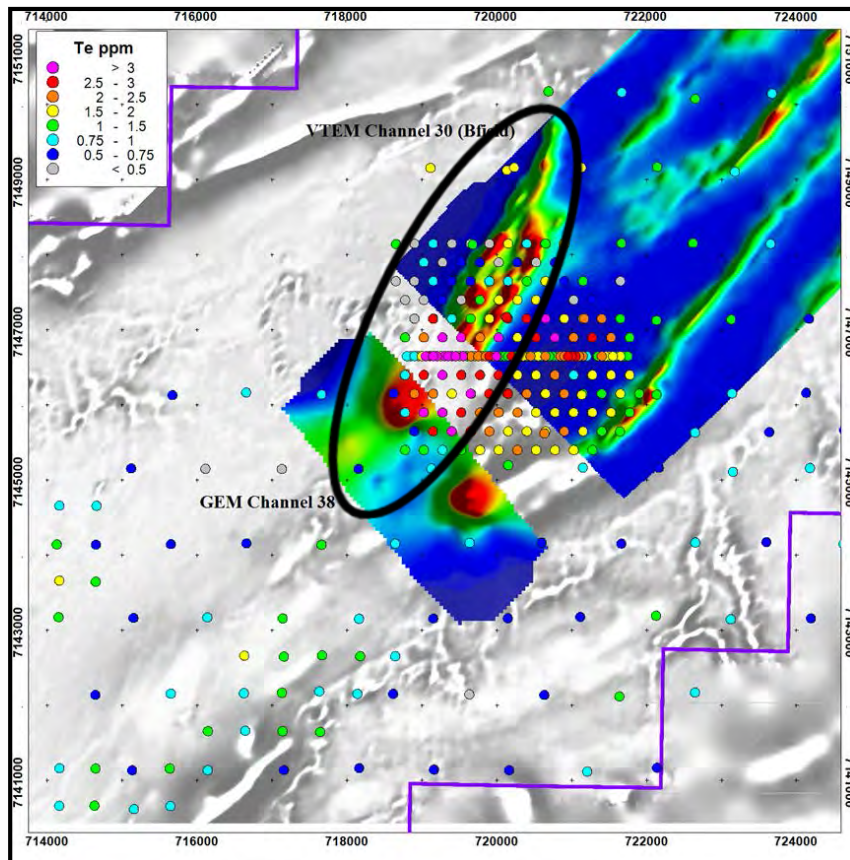
Sulphur



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VTEM & GROUND EM & Te GEOCHEM

BOUGUER GRAVITY IMAGE

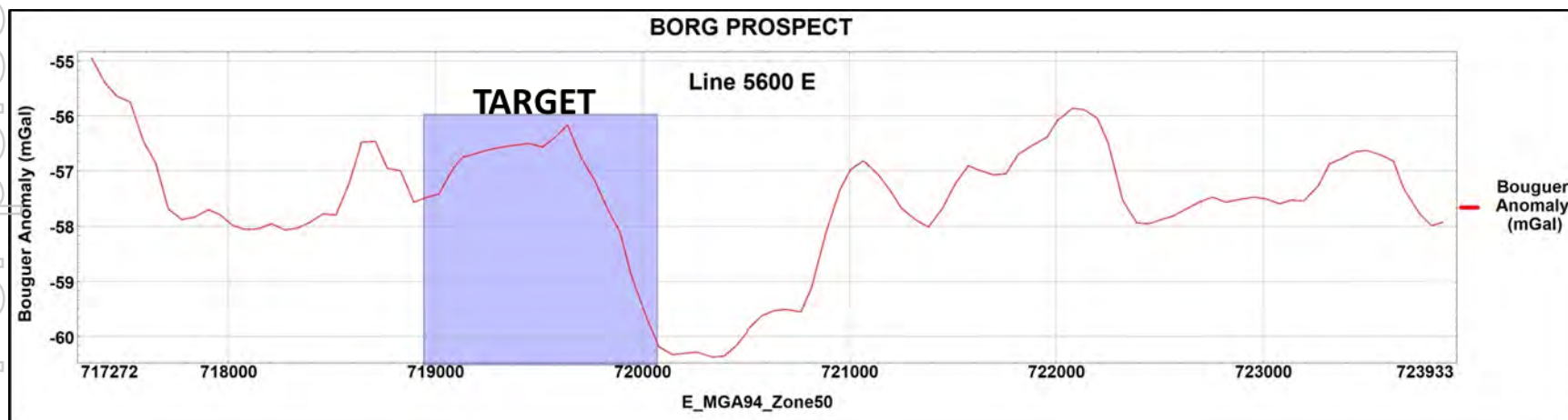
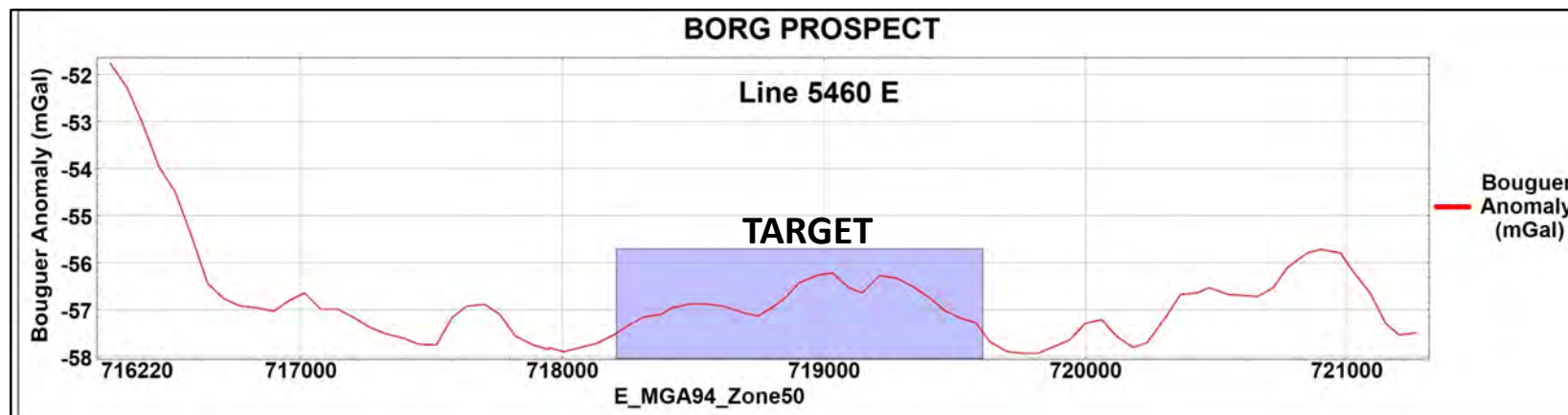


ENT: ASX release 21 July 2014

ENT: ASX release 11 August 2014

Borg Prospect – Gravity Profiles

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Borg Prospect – RC Drill Assays

Hole ID	From m	Int m	Sample Type	Au ppb	As ppm	Bi ppm	Cd ppm	Mo ppm	S %	Sb ppm	W ppm	Cu ppm	Pb ppm	Zn ppm
BGRC001	13	14	1m	5	107	2	2	10	0.05	14	5	314	83	72
BGRC001	27	24	1m	BD	47	3	BD	4	BD	6	4	239	50	46
BGRC001	51	17	1m	4	72	5	3	6	0.02	9	7	204	61	234
BGRC002	68	12	1m	BD	49	2	2	3	0.00	4	5	73	22	517
BGRC004	12	8	1m	BD	143	3	4	3	0.00	3	7	161	42	1,008
BGRC004	20	95	1m	2	27	2	2	1	0.05	2	3	52	43	583
BGRC004	115	5	1m	26	179	5	4	3	2.56	15	5	89	166	943
BGRC005	56	10	1m	8	417	2	1	4	1.74	9	9	45	300	19
BGRC006	40	14	1m	8	70	BD	1	4	0.14	3	5	60	561	48
BGRC006	54	10	1m	25	2,331	BD	40	1	3.17	42	7	28	469	29
BGRC006	64	20	1m	11	316	BD	5	2	0.98	7	69	20	193	15
BGRC008	60	61	1m	5	72	BD	2	BD	0.03	BD	3	997	52	227
BGRC014	0	64	4m	2	51	BD	1	3	NA	1	1	44	23	124
BGRC014	80	23	1m	6	516	BD	16	BD	1.65	14	4	12	116	37
BGRC014	113	7	1m	4	108	BD	3	0	0.52	3	1	11	173	77
BGRC015	0	40	4m	BD	71	BD	1	2	NA	1	BD	42	18	263
BGRC015	40	28	1m	9	25	BD	BD	1	NA	2	3	95	31	304
BGRC015	68	60	4m	BD	16	BD	BD	BD	NA	BD	BD	61	10	132
BGRC015	128	6m	1m	BD	18	BD	BD	BD	0.29	3	4	90	16	136
BGRC015	134	26	1m	8	32	BD	BD	2	1.43	5	4	101	31	407
BGRC016	108	24	1m	BD	8	BD	BD	BD	NA	2	4	562	47	45
BGRC016	132	35	1m	5	22	BD	BD	BD	NA	BD	6	87	28	121
BGRC017	76	62	4m	BD	16	BD	BD	BD	NA	BD	BD	77	16	165

Some narrow higher grade intervals included:

BGRC004: 3m @ 1,590ppm Zn from 14m

BGRC004: 1m @ 3,437ppm Zn from 91m

BGRC004: 2m @ 2,119ppm Zn from 115m

BGRC006: 1m @ 1,792ppm Pb from 63m

Borg Prospect – RC Drill Chips

BGRC004

113m - 116m

Laminated
sulphides in
carbonates &
black shales



BGRC014

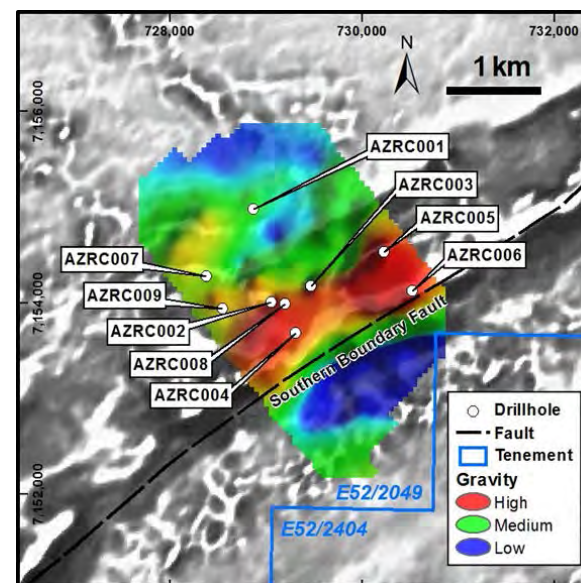
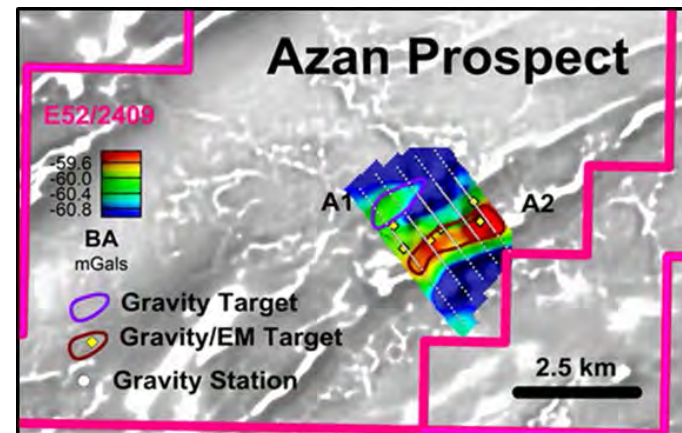
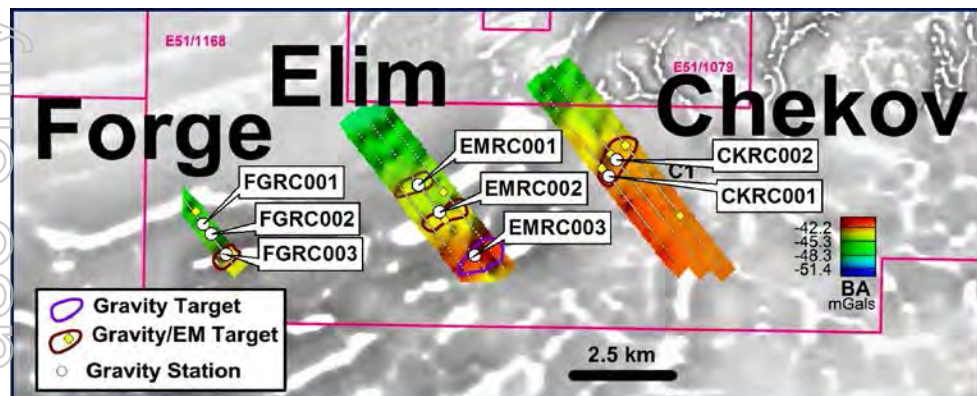
84m - 88m

Matrix
sulphides in
quartzites



ENT: ASX release 8 July 2014

Other Prospects - 2014 RC Drilling



Bouguer Anomaly Gravity Image & RC Drill Holes

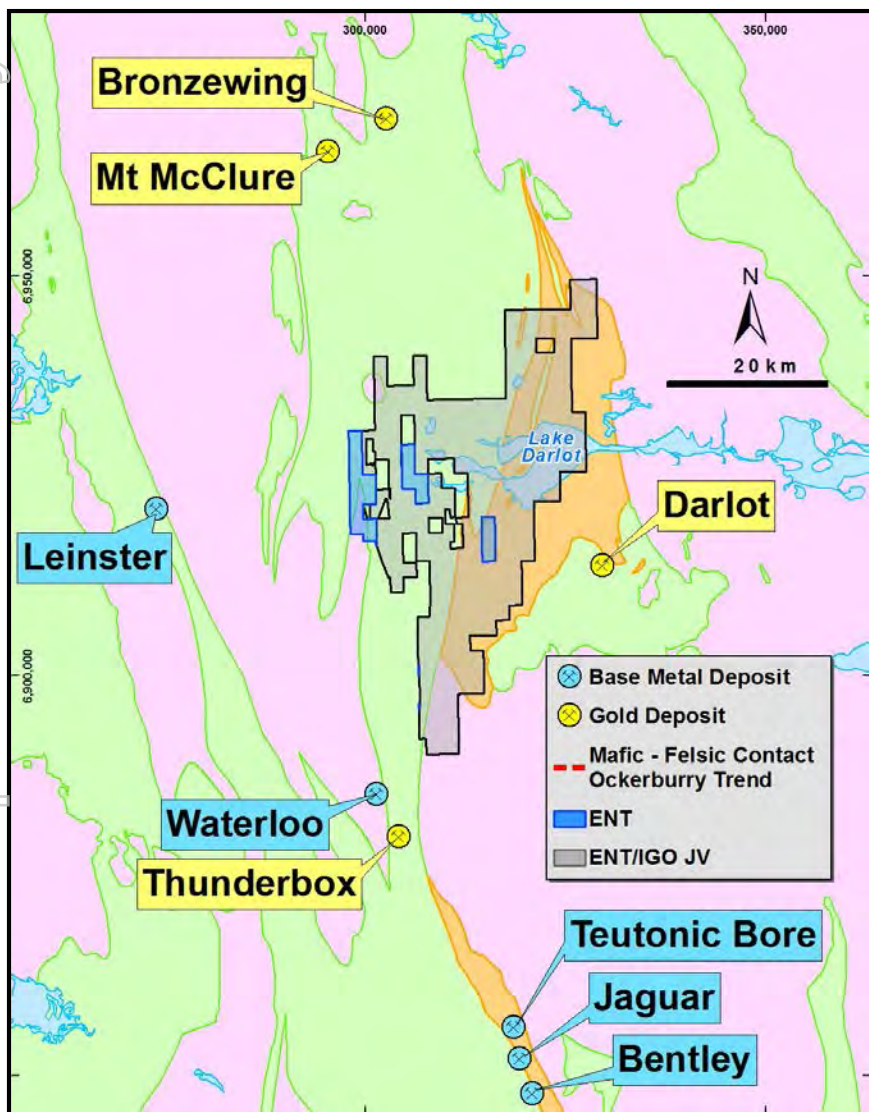
ENT: ASX release 8 July 2014

Doolgunna - Work Schedule

- Aggressive high impact exploration program
- Gravity, AMT/IP programs to define drill targets
- Drilling scheduled for second half of 2014

Schedule 2014-2015	September Quarter	December Quarter	March Quarter 2015	June Quarter 2015
Ground geophysics				
Permitting, Heritage, Environment				
Scout RC drilling				
Diamond Drilling				

Darlot Project - Overview



- 740km² of Archaean Yandal greenstone belt
- Proven gold & base metal endowment
- Independence Group (ASX:IGO) JV
- Minimum \$0.5M in Year 1,
- A 51% interest by spending \$1.7M,
- Up to 70 - 80% interest by sole funding pre-feas study on JORC Resource
- 60km from IGO Jaguar Cu/Zn/Ag Mine
- Initial geochemical sampling by IGO generating base metal anomalism