



Australian Nickel Conference

September 2011

“A multi-commodity approach to an under-explored greenstone belt”

Peter Peebles – Exploration Manager



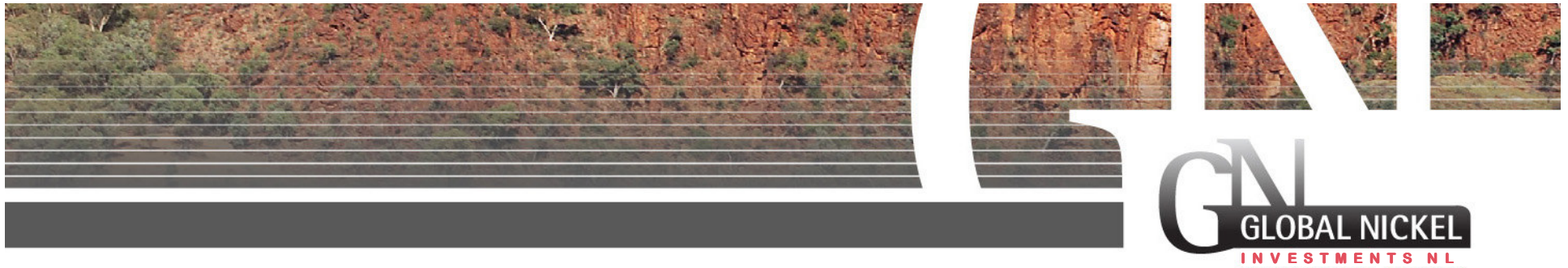
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GNI's Corporate Strategy

- Highly prospective, under-explored greenstone belt
- Demonstrated mineralisation
- Multi-commodity targeting
- Rapid drill targeting - geophysics + geochemistry + geology
- Drill-ready targets
- Strong technical management



Global Nickel Overview

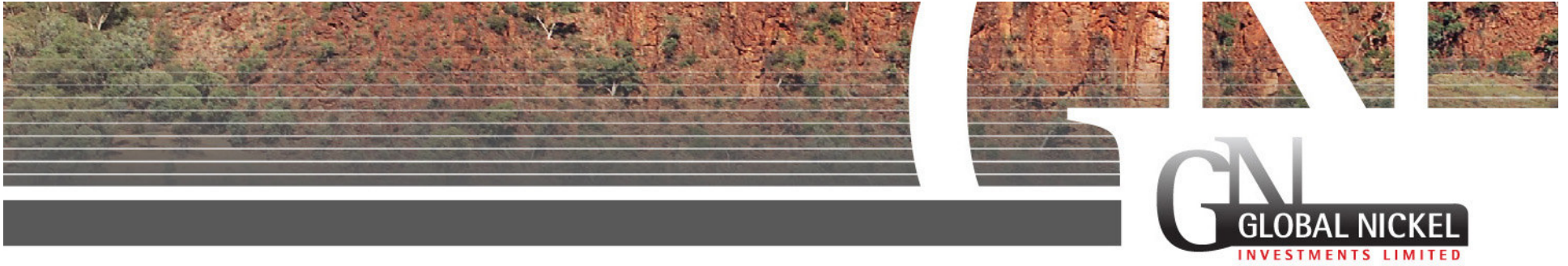
- Market Capitalisation of \$4m on Issued Capital of:
 - 256m ordinary shares (ASX: GNI), last traded at \$0.016
 - 115m partly paid shares (ASX: GNICA) with 8.25c to pay
 - 215m 10c, 30 June 2012 options (ASX: GNIOA)
- Governance and Management:
 - Directors
 - Carl Swensson Director and Consulting Geologist (geologist, ex CRA, Bendigo Gold, Normandy Mining)
 - Ashley Hood Director and Operations Manager (ex AngloGold Ashanti)
 - Lia Darby, Chairman (lawyer, mining executive)
 - Andrew Mortimer, Director of Operations (lawyer, mining executive)
 - Senior Staff
 - Peter Peebles, Exploration Manager (geologist, exploration and mining)



Commanding a Dominant Position

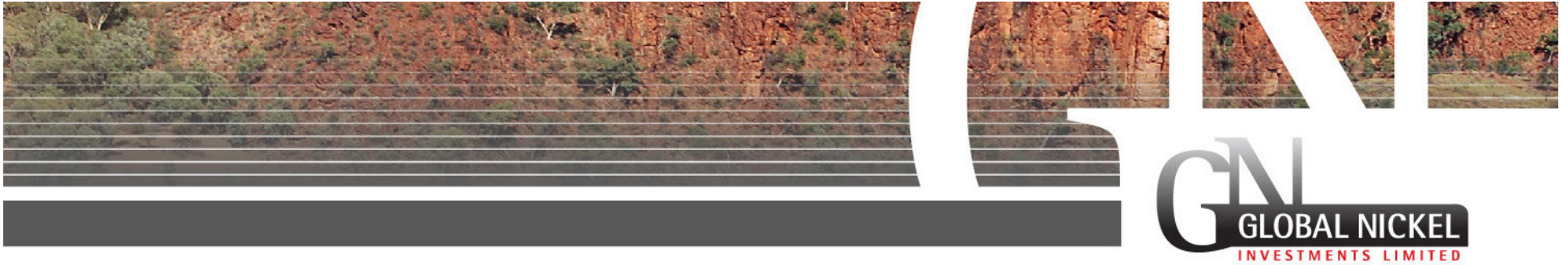
- Controls 90% of the Jutson's Rocks Greenstone Belt (JRGB) in Western Australia - ***60km strike totalling 675km²***
- Strategic acquisition and consolidation through 100% holdings and joint ventures
- Modern exploration minimal due to inability to secure access agreements. GNI has overcome these past issues by finalising a landmark access agreement with the Cosmo Newberry Aboriginal Corporation.

→ **Dominant land position + under-explored + high prospectivity**

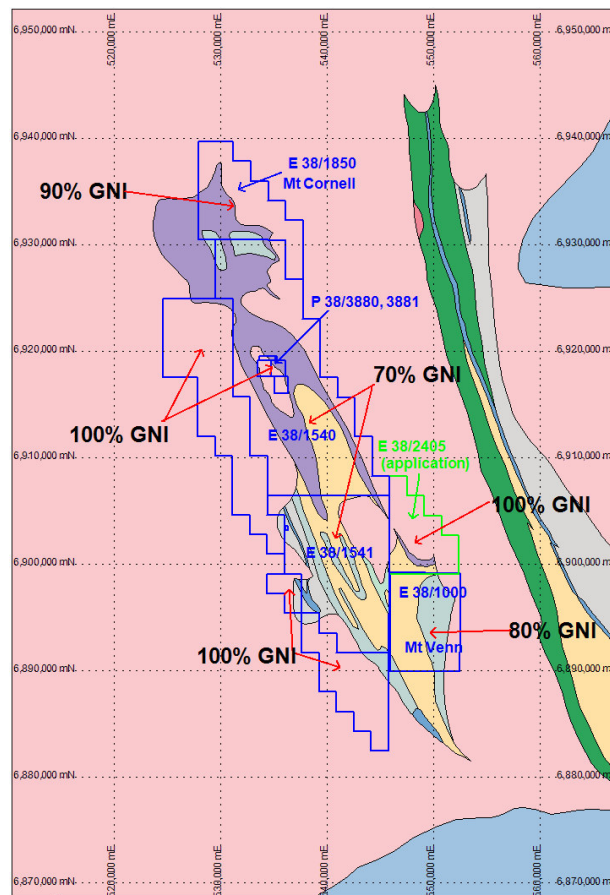


Project Location





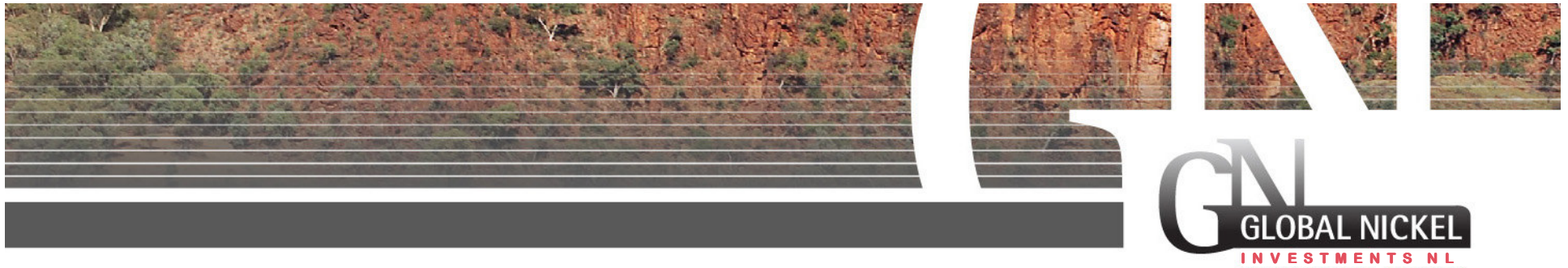
GNI Title Position - JRGB





Targets

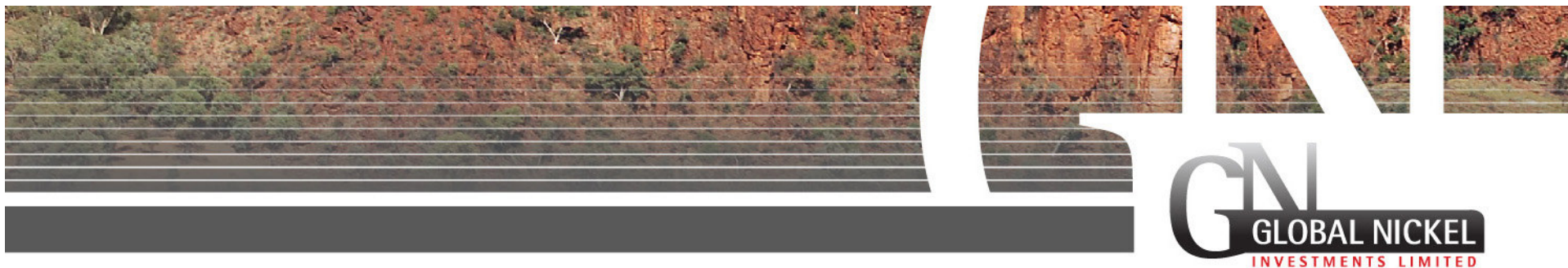
- Nickel-copper sulphides
 - “Kambalda-style” – associated with komatites
 - Sudbury/salair style – associated with gabbro intrusions
- Copper-lead-zinc sulphide deposits
 - Volcanogenic deposits associated with intermediate volcanic-sediment sequences
 - Magmatic differentiation within gabbros
- Gold – shear zone hosted
 - Associated with competency contrasts along sediment/mafic contacts
 - Associated with high Fe and S reactive brittle positions (basal dolerite sills)



Previous Exploration

- Various exploration campaigns by a number of companies, mostly dating back to the 70's, prior to access negotiations.
- With the exception of Tasminex, very little follow up of initial results
- GNI first company to integrate all of this work:
 - 575 rock samples
 - 7,300 soil samples
 - 970 vacuum holes, 10DD holes, 60 RC holes (36 GNI), 19 Percussion holes, 88 RAB holes
- Previously no detailed geological mapping of the belt existed – unable to interpret geochemical and geophysical data with the geology
- GNI's technical team have now completed the huge task of integrating all of this exploration data with new Mines Department geological mapping of the entire JRGB

➤ **Result: recognition of new high priority targets**



Historic Rock Chip Sample Results

ROCK CHIP RESULTS			
Cu	Ni	Au	Pd
>5%	> 0.5%	> 5 g/t	> 0.5 g/t
24.0	1.89	20.5	0.77
13.2	0.62	15.8	
12.8	0.57	11.21	
8.7	0.5	10.65	
8.3		8.64	
6.0		5.07	
5.7			
5.5			

Historical Tasminex Core



Tasminex Hole TDH3 – multiple intersections of up to 2.85% Cu and 0.44% Ni in an altered gabbro

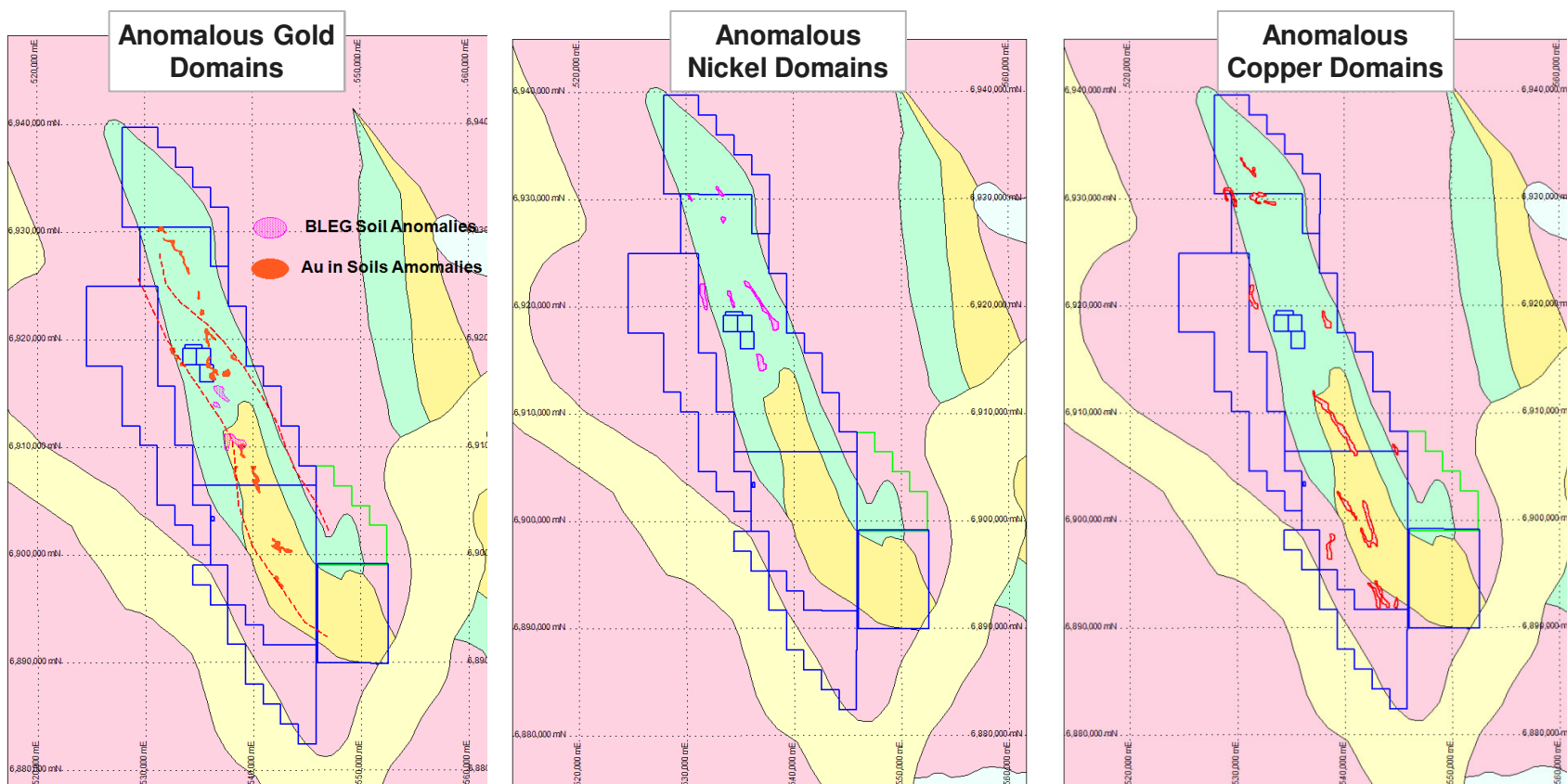


New Targets from Previous Exploration

- Identification of significant geochemical anomalies – many with support from multiple surveys
- Copper and nickel:
 - 7 Ni geochemical anomalies
 - 13 Cu anomalies
- 2 co-incident Cu-Ni anomalies
 - One Cu anomaly is co-incident with strong VTEM conductor and is associated with a plunging anticline in a layered gabbro
- 25 gold anomalies which define a major 35km zone through the center of the greenstone belt co-incident with the zone of most structural complexity.

Have just completed RC drilling of some of the Cu and Ni targets – awaiting assays

Geochemistry Has Tightened in on Targets





GNI Exploration 2010

- Airborne VTEM surveys – Mt Cornell and Jutson's Rocks and Mt. Venn projects
 - ***20+ significant conductors***
 - Drilling of VTEM anomalies – 43 holes for 7002m
 - ***Generated a number of anomalous mineralised intersections of Cu, Zn and Au in the Mt Cornell area - up to 0.25% Cu & 0.59% Zn and 0.223 g/t Au over 4m***
 - Complete review and assessment of previous exploration, generation of an extensive data base and many new untested geochemical targets.
 - Acquisition of new detailed Mines Department mapping and re-assessment of VTEM, drilling results and old exploration data with respect to the geology
- **Results: demonstrated mineralisation potential, new targets and geological understanding**

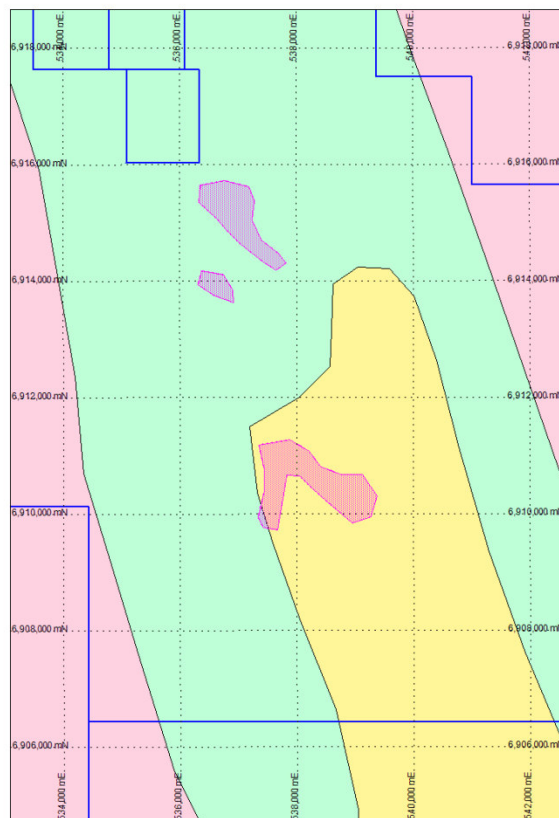


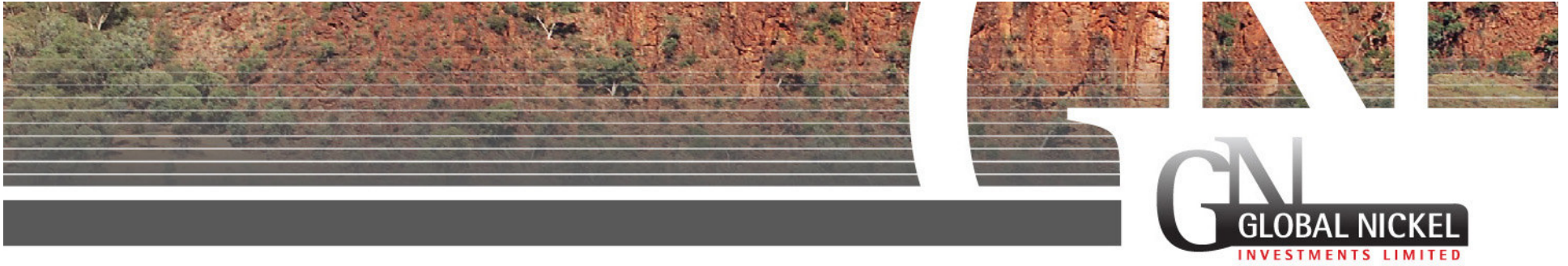
GNI Exploration 2011 to Date

- Second phase of VTEM – Mt Cornell SW and Mt. Venn Projects (750 line km)
 - 10 priority targets Mt. Venn – follow up showed Cu mineralisation over two anomalies. Several close to significant Cu-Ni intersections in old Tasminex holes
 - ***9 priority targets Mt. Cornell. One target co-incident with strong soil Cu anomaly generated but not tested by previous explorer***
 - ***Recognition of extensive untested Cu, Ni and Au soil/auger/vacuum anomalies, some with co-incident geophysical anomalies***
 - Soil sampling over two large Cu-Ni and Cu soil/auger geochemical targets with results from 275 soil samples generating new targets
 - Soil BLEG (Bulk Leach Extractable Gold) sampling undertaken over 15km² in the central “gold corridor” with results from 92 samples defining 3 new anomalies.
- **Result: large number of highly prospective drill targets**

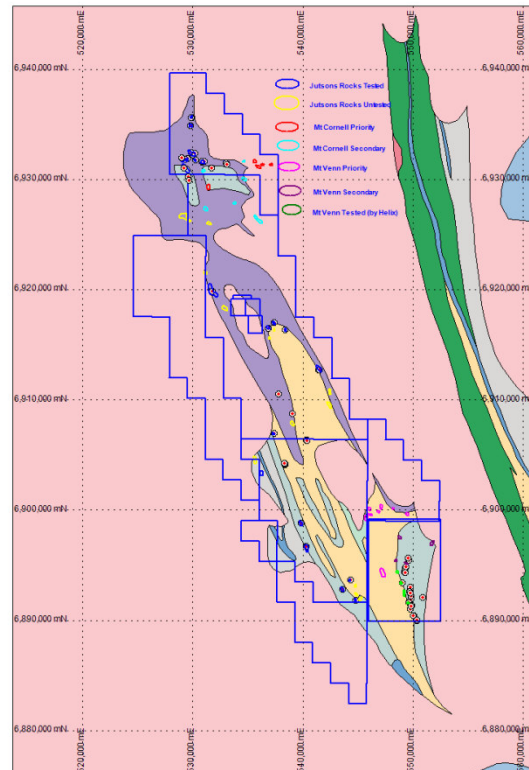


BLEG Anomalies > 1 ppb Au





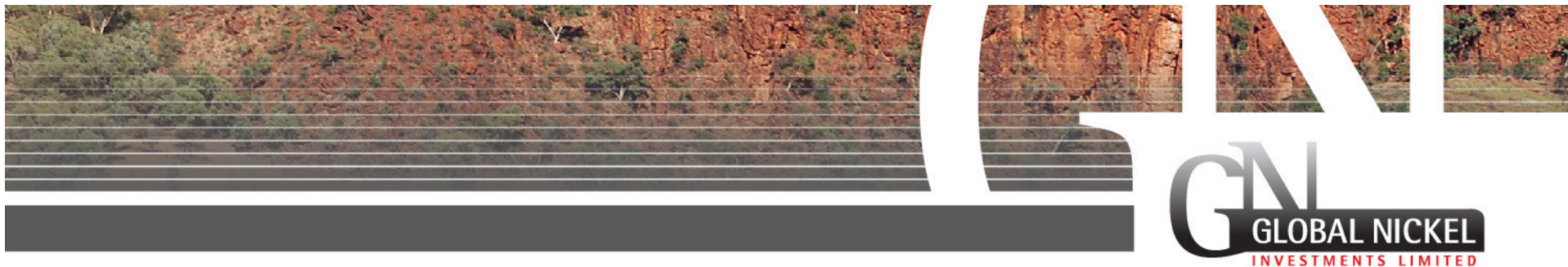
EM Drill Targets Mt. Cornell and Mt. Venn – and RC Drill Holes





Current Status of Exploration

- Programme delayed early this year due to rain
- This resulted in the postponement of geophysics ground work and geochemical sampling
- Which resulted in delays to the submission of the PoW to the DME and heritage clearances
- Heritage surveys over E38/1540 and 1541 completed and report received – received clearance for all planned programmes over these tenements



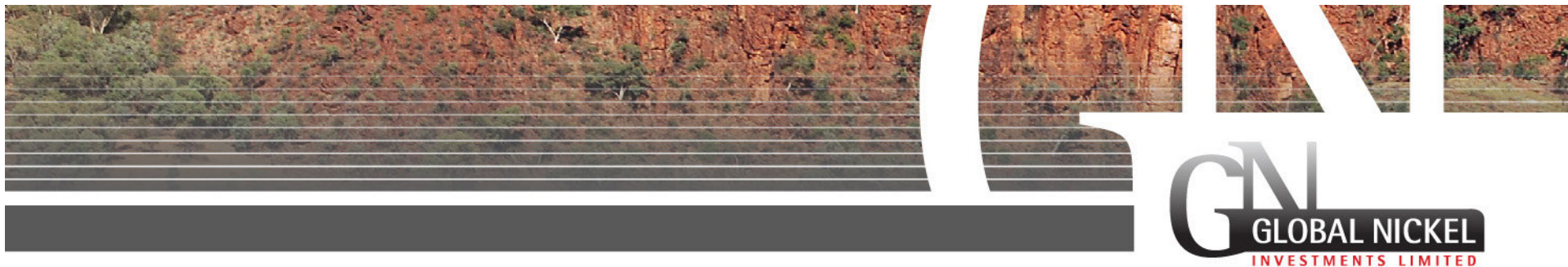
Current Status of Exploration (cont.)

- Infill and additional soil geochemistry to define drill targets will commence as soon as statutory permissions granted. (POW). This work is expected to define new targets with follow up using RAB drilling possibly before the end of the year.
- For Mt Venn, the transfer of title from Platina to GNI resulted in the requirement to re-issue of a permit to operate on Aboriginal Land. This is in process. Once this is received, a clearance survey can be initiated.
- Drilling of the Mt. Venn targets is tentatively planned for November.



Competent Persons Statement

- The information in this presentation that relates to exploration results, mineral resources or ore reserves is based on information compiled by Peter Peebles, who is a member of the Australasian Institute of Mining & Metallurgy. Peter Peebles is the Exploration Manager of Global Nickel Investments NL and has sufficient experience 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 2004 Edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”. Peter Peebles consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.
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