

NIUMINCO GROUP LIMITED



THE GOLD INVESTMENT SYMPOSIUM, SYDNEY – OCTOBER 2014

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The information in this report that relates to exploration results is based on Information reviewed by Ian Plimer (BSc [Hons], PhD) who is a Fellow of the Australasian Institute of Mining and Metallurgy. Professor Plimer is a director of Niuminco Group Limited and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. He consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

CORPORATE OVERVIEW



Board of Directors:

Terry Willsteed – Independent Chairman

Tracey Lake – Managing Director

Prof. Ian Plimer – Independent Director

Capital Structure:

Shares on issue 689,097,080

No outstanding options

ASX Code: NIU

POMSoX Code: NIU

Website: www.niuminco.com.au

NIUMINCO'S OPERATIONS



- Operating in the world class geological provinces of Papua New Guinea and Tasmania, Australia.
- In PNG, 3 highly prospective properties adjacent or close to existing large mines or deposits..
- In Tasmania, 3 advanced projects owned by TNT Mines Ltd. Niuminco's shareholding in TNT Mines Ltd is currently 72.5%.

WORLD CLASS GEOLOGICAL PROVINCES



Papua New Guinea



Tasmania

NIUMINCO'S PNG PROPERTIES



- Edie Creek mining leases (83% interest) – epithermal gold and silver prospect adjacent to Hidden Valley mine.

Since August 2014, cash flow positive at current gold production rate of 100+ oz per month at USD\$1,000 per oz.

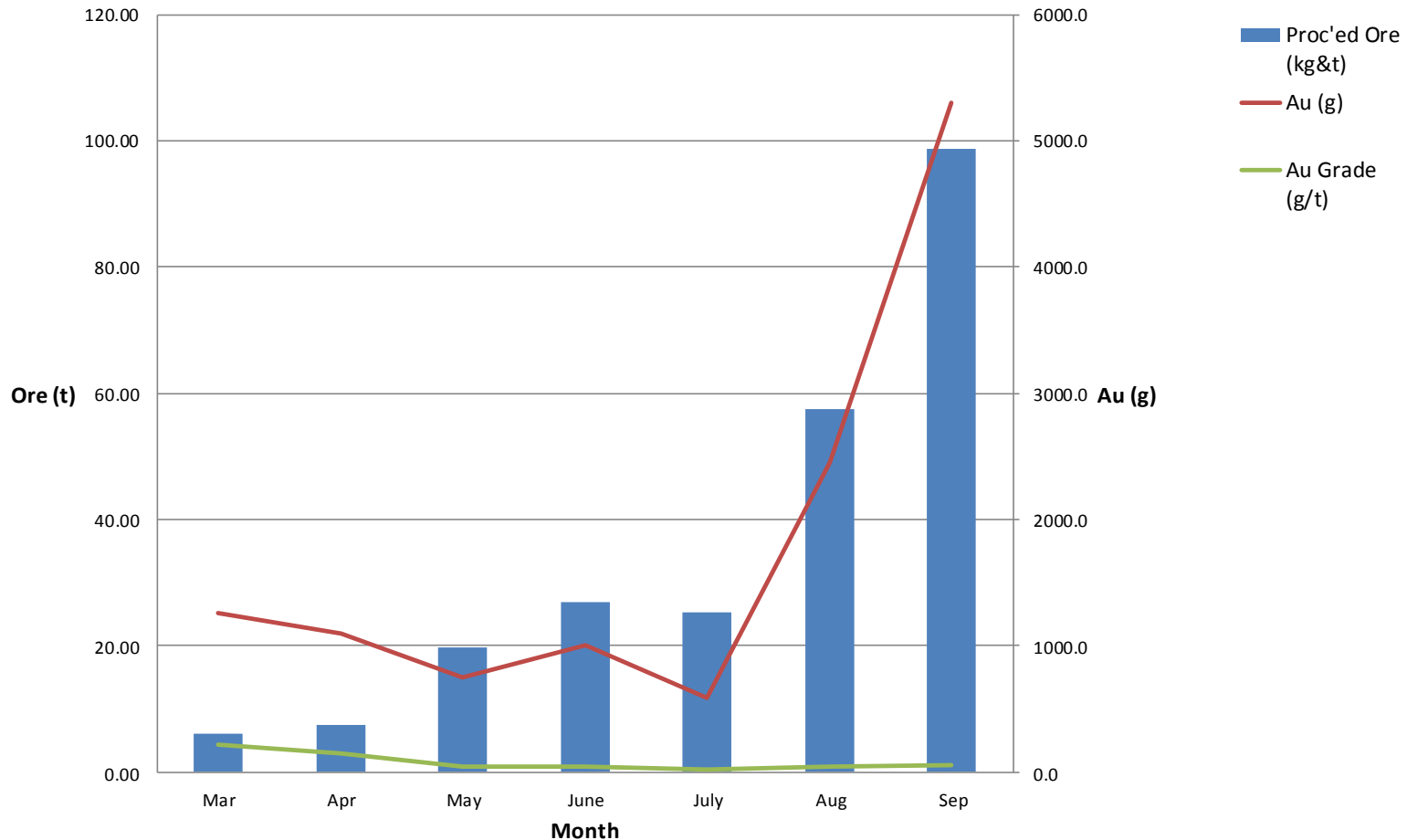
- May River (100% interest*) – major copper gold porphyry style geophysical anomaly. Adjoins PanAust's Frieda River copper/gold deposit.
- Bolobip (100% interest*) – 60km east of Ok Tedi, a major copper-gold porphyry, drill-ready target.

* Mincor PNG has a 5% NSR royalty interest in these properties.

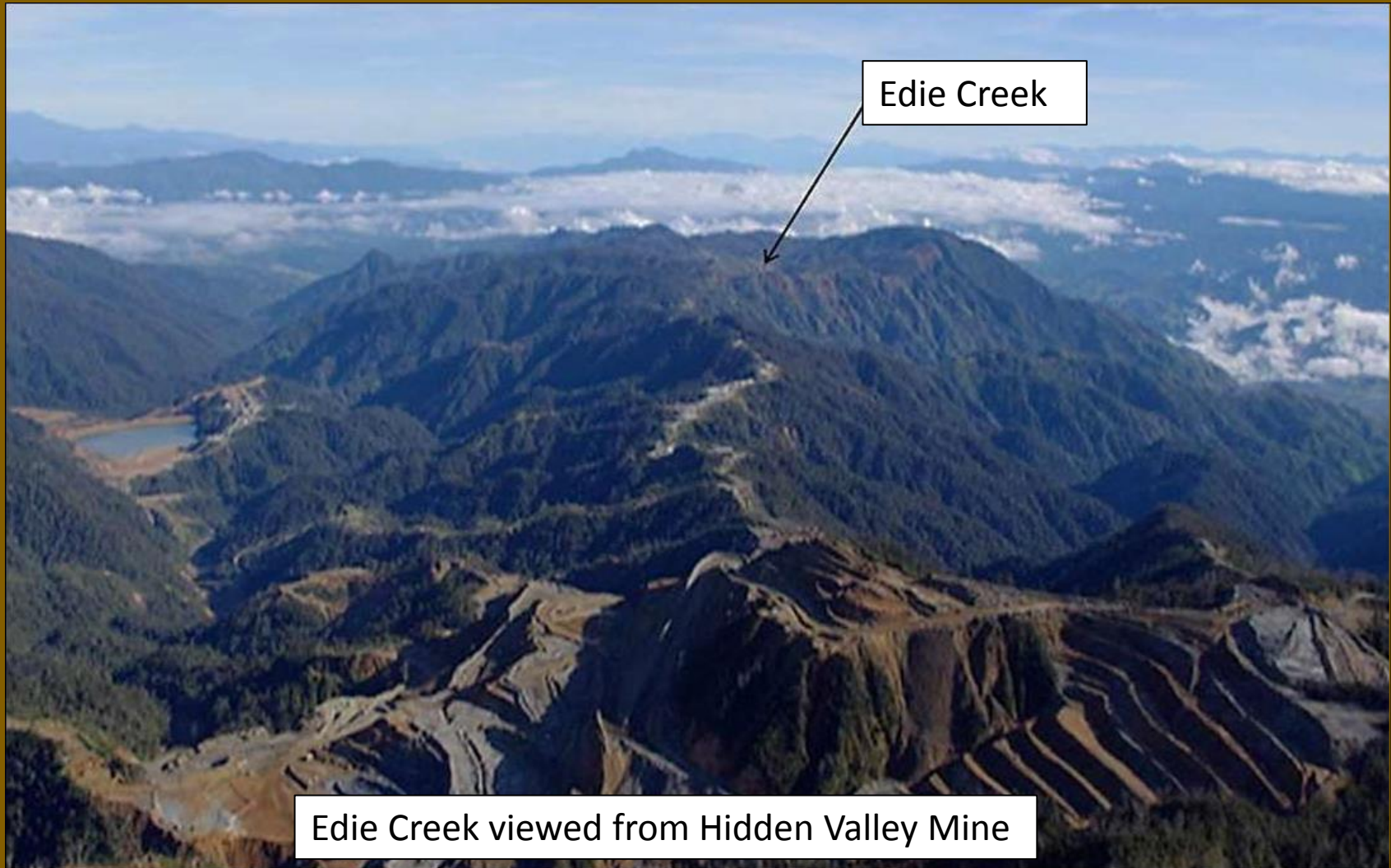
EDIE CREEK PRODUCTION



Gold produced, ore processed and grade by month



EDIE CREEK

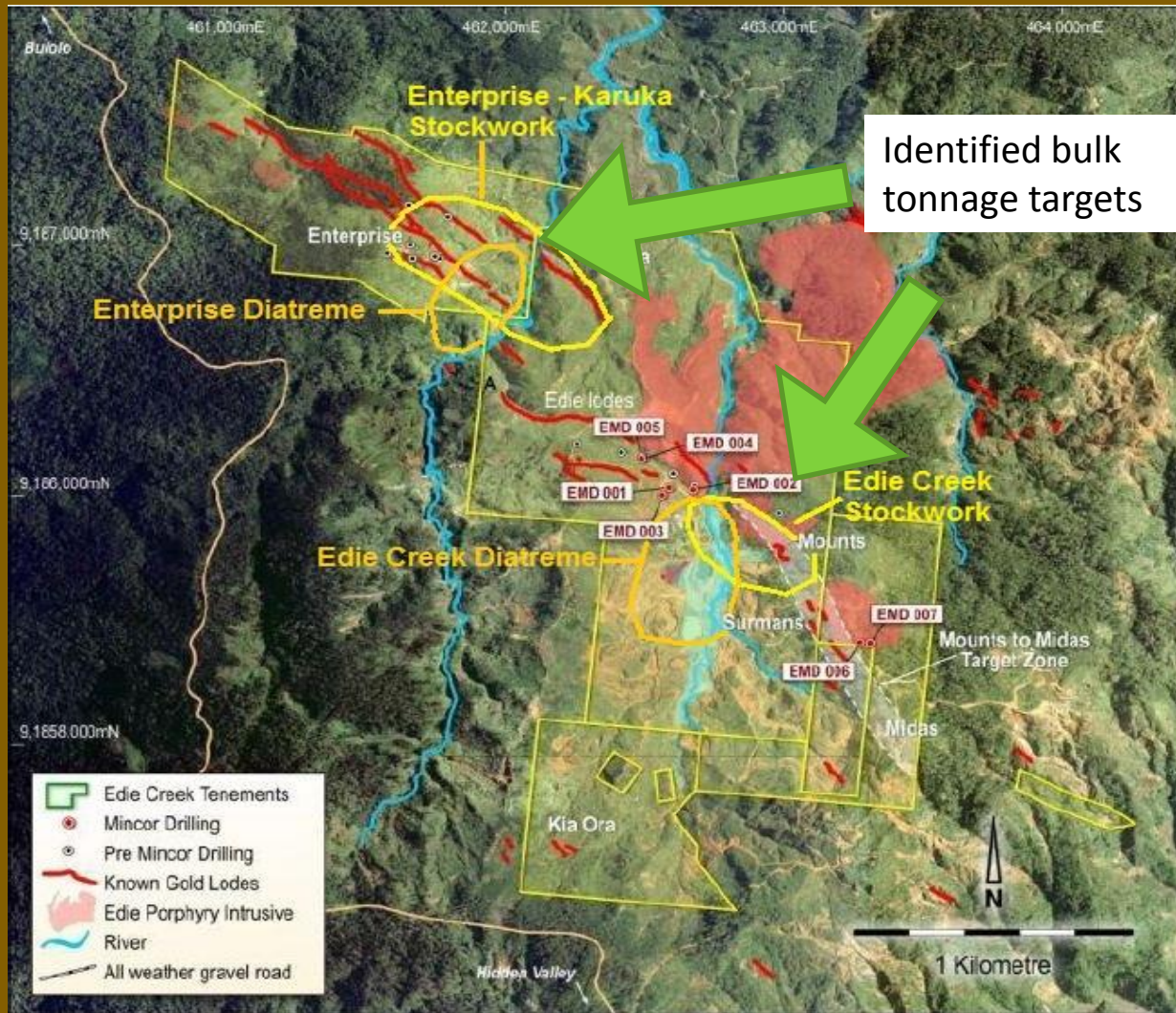


Edie Creek viewed from Hidden Valley Mine

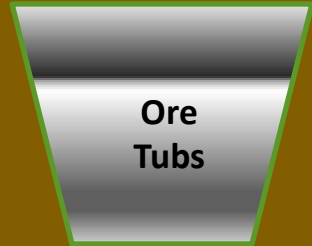
EDIE CREEK – SITE INFRASTRUCTURE



EDIE CREEK Epithermal Gold & Silver



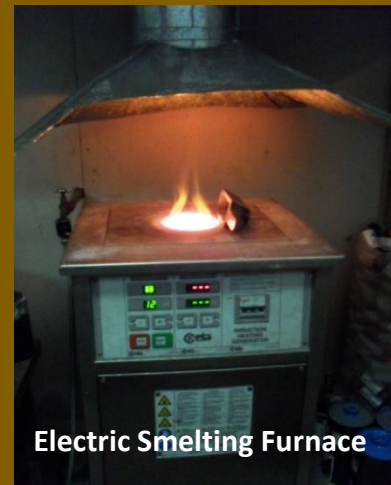
- High grade Au-Ag veins
- Lower grade bulk tonnage – a number of bodies with substantial economic potential identified.
- 1st stage drilling of 14 holes completed .
- 2nd stage drilling program of 10 holes proposed.
- Pilot mining and ore processing re-commenced February, 2014.
- Continuing ramp up of gold/silver production.



OR



Flow chart of
Gold Room
process



HOTMIN – BASE FOR MAY RIVER



- Niuminco's base camp acts as a regional exploration base at Hotmin.
- Ideal locality in centre of May River Exploration Licence.
- Existing airstrip, and major supplies brought in by low-cost river transport.
- A major airborne geophysical survey completed.
- Airborne VTEM and ZTEM, covering North & South May River completed.



LOW COST RIVER TRANSPORT

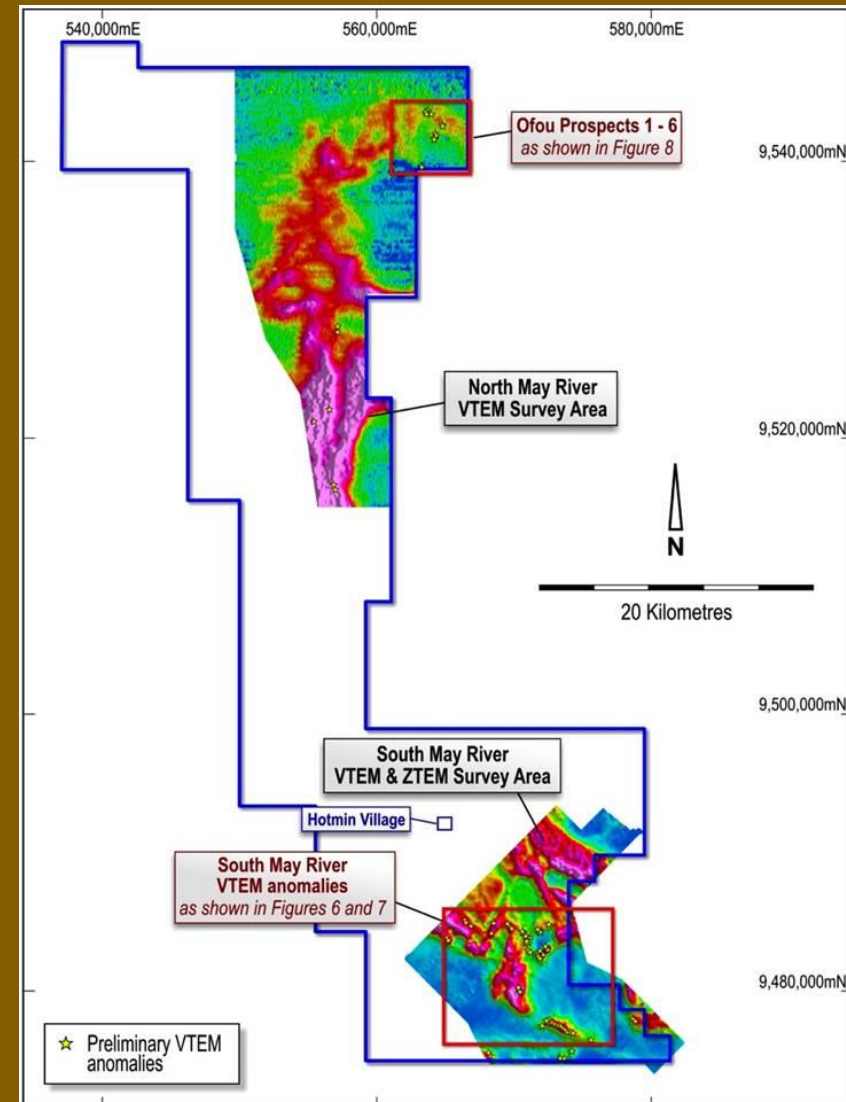


Fuel supplies being loaded onto the barge Talimbun for transport to May River

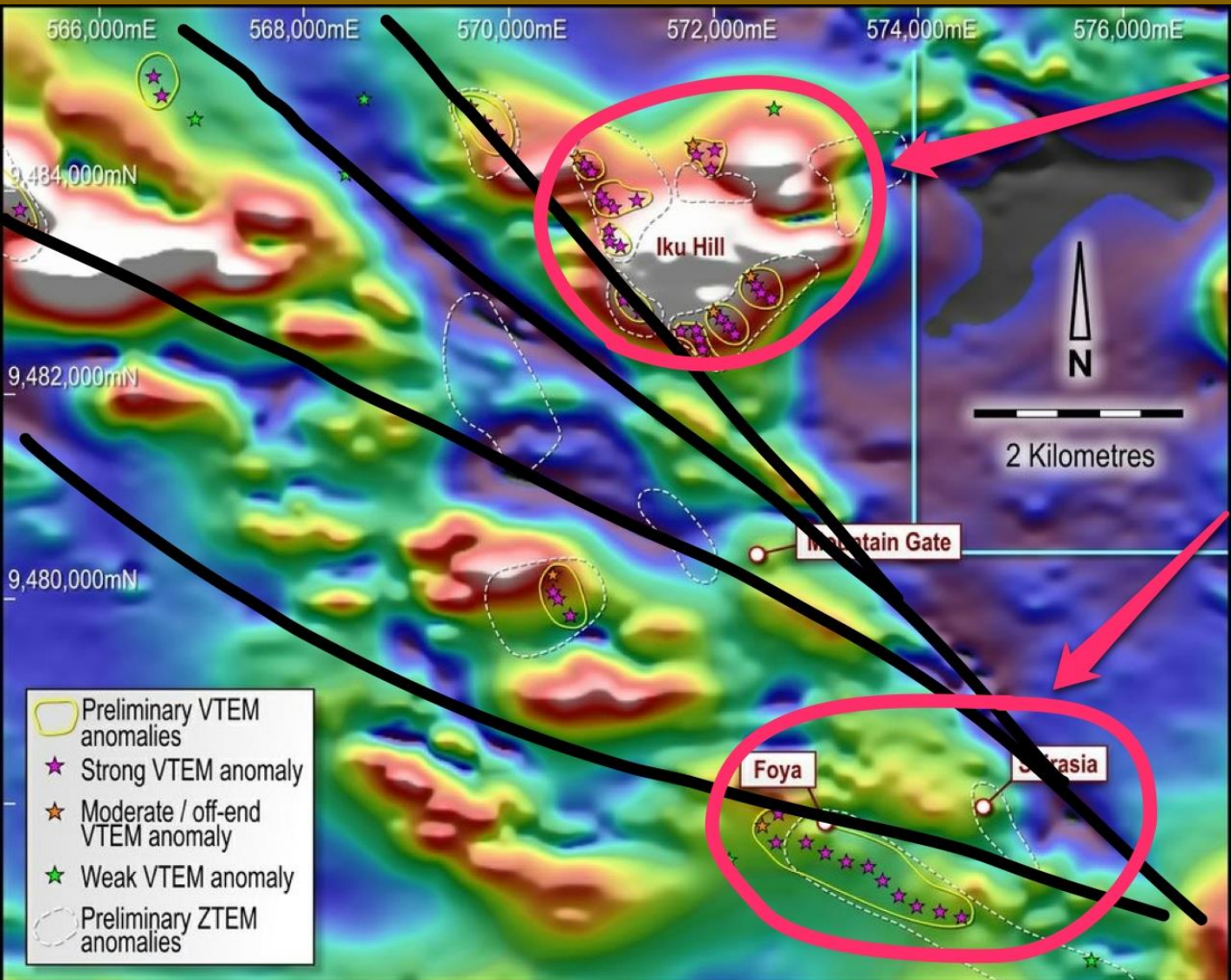
MAY RIVER – AIRBORNE SURVEY



- Two major heli-borne geophysical surveys completed at May River in late 2011. Both consisted of:
 - **Aeromagnetics:** Well proven method.
 - **VTEM:** an advanced & well proven method used to find massive sulphides.
 - **ZTEM:** a still-experimental new system designed to map resistivity and hence infer zones of chargeability (thus possibly disseminated sulphides, such as porphyry copper mineralisation).
- A strong set of new targets, and new features around existing prospects, have been identified and are ready for ground follow-up or drill testing.



Magnetics, VTEM & ZTEM Anomalies

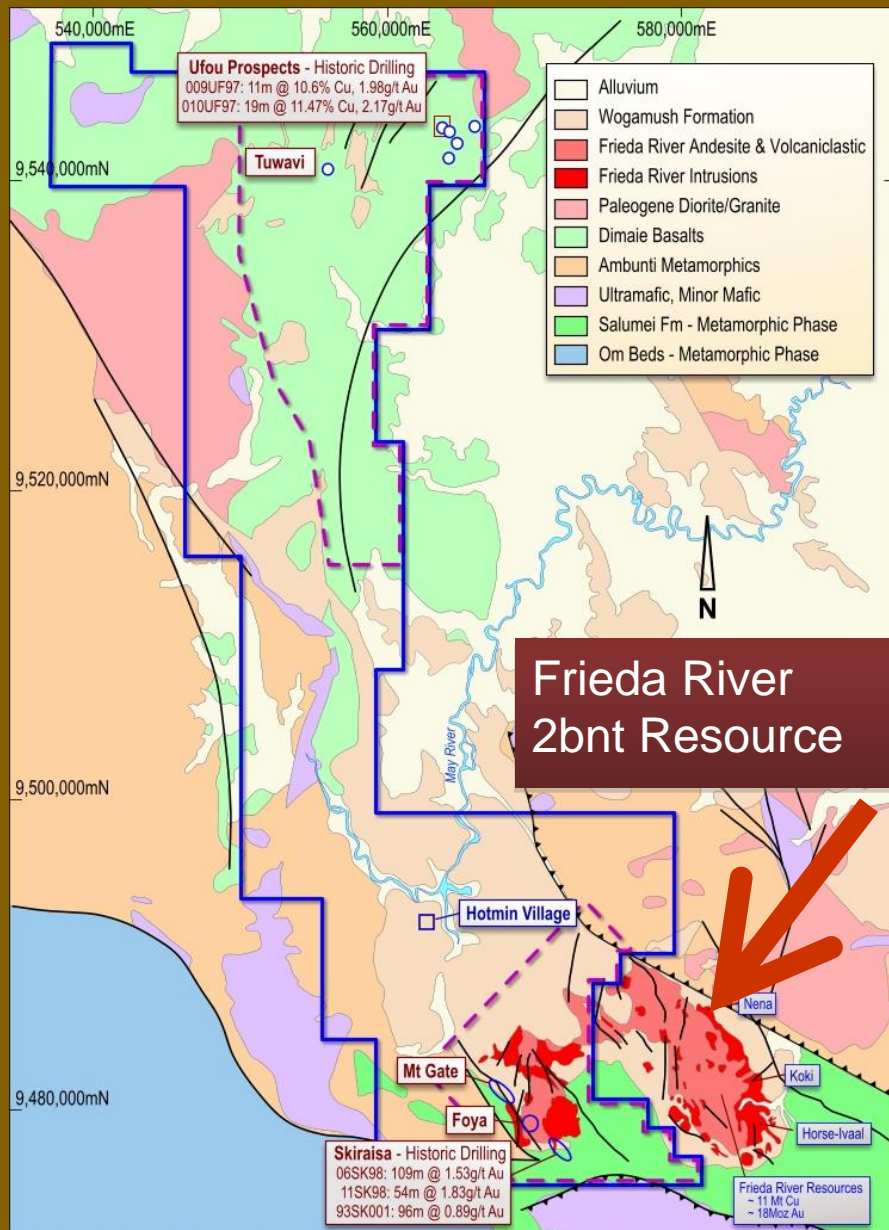


Major Porphyry copper-gold geophysical target: Magnetics, VTEM and ZTEM anomalies over mapped porphyry intrusive, 9km from 2bnt Frieda River resource

Diatreme-hosted gold mineralisation on structural splay, coincident VTEM and ZTEM anomalies, best drill intersections at Skirasia:

- 109m @ 1.55g/t;
- 44m @ 1.83g/t;
- 33m @ 2.37g/t

MAY RIVER



SKIRASIA HISTORIC DRILLING:

06SK98

109m @ 1.53g/t Au

11SK98

54m @ 1.83g/t Au

93SK001

96m @ 0.89g/t Au

UFOU PROSPECTS:

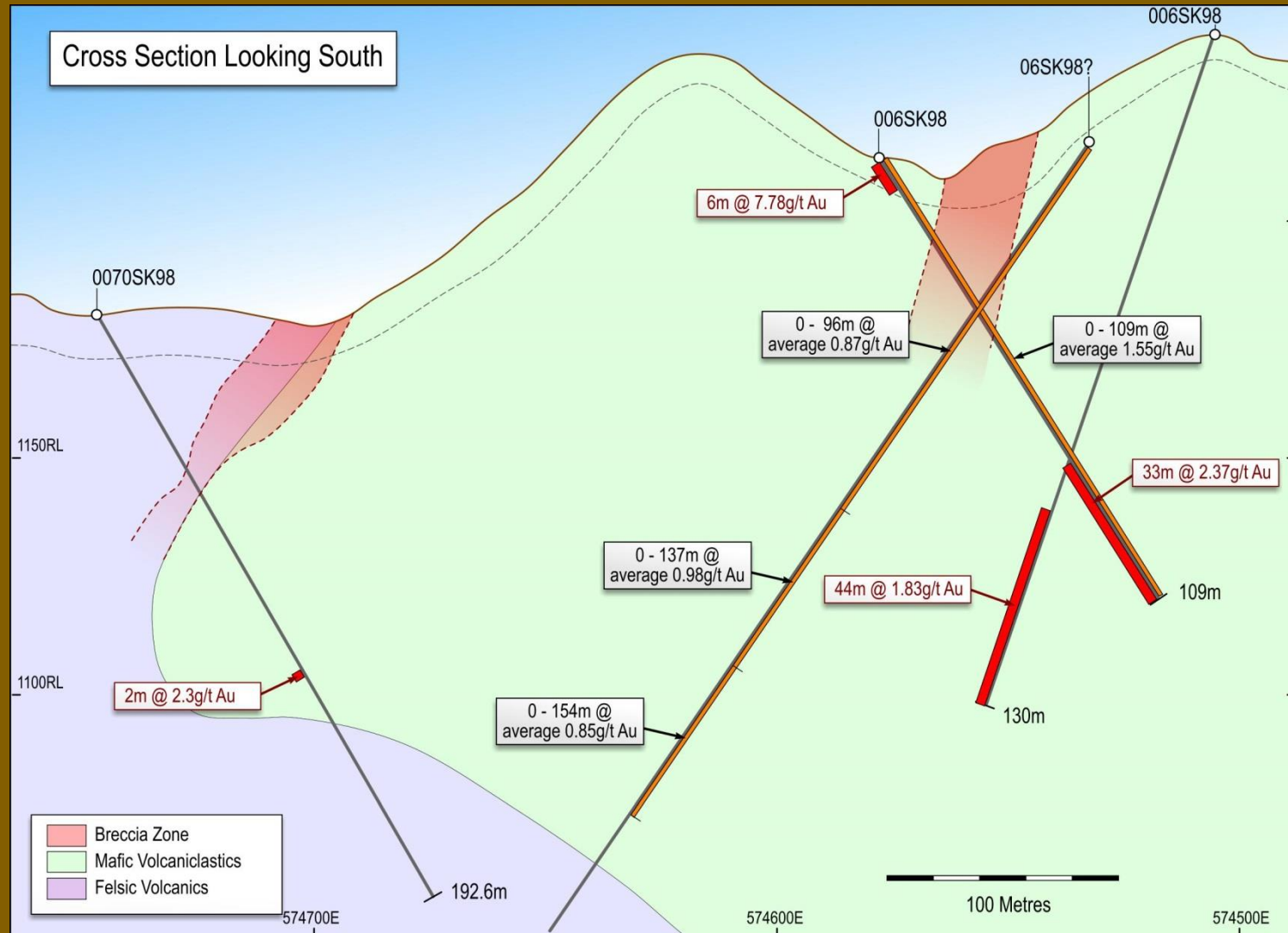
009UF97

11m @ 10.6% Cu, 1.98g/t Au

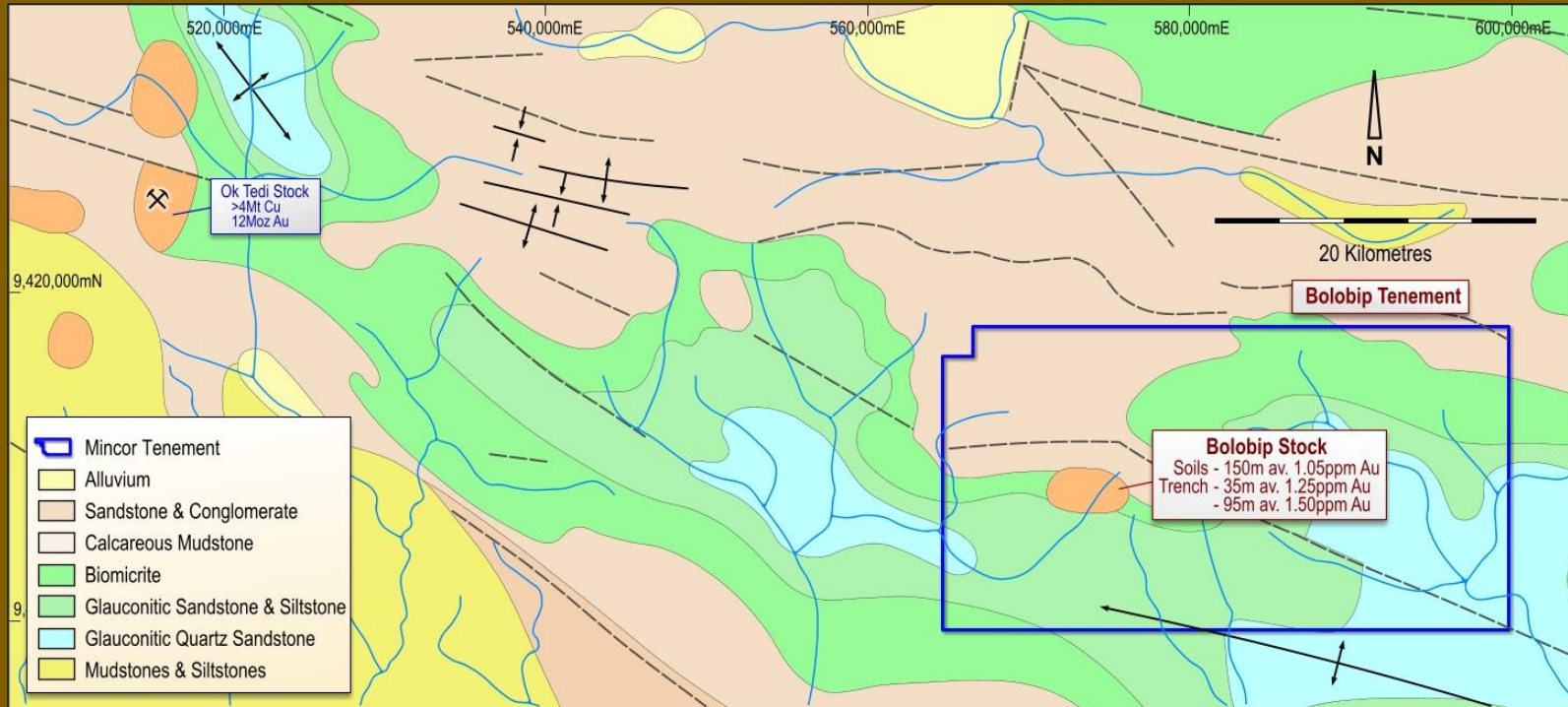
010UF97

19m @ 11.47% Cu, 2.17g/t Au

SKIRASIA – Cross Section & Drill Results



BOLOBIP



- Bolobip Stock – 60km east of Ok Tedi - a major copper-gold Porphyry target.
- A multi-phase intrusive complex. 3 drill targets.
- Latest data shows coherent 1km diameter copper and gold anomaly, with peripheral lead and zinc.
- Classic geochemical signature of a leached cap above a mineralised copper-gold porphyry system.
- Extensive surface gold mineralisation in trench channel samples (CRA).

BOLOBIP BASE CAMP



Mt Faim
(2910m)

Kaum Stock
(2220m)

Hindenberg Wall

BOLOPIP BASE CAMP
(1840m)

THE NEXT 12 MONTHS NIUMINCO'S FOCUS AND PLANS



■ **EDIE CREEK**

- Successful ramp up of gold/silver production to continue to enable self-funded exploration of all PNG tenements.
- Immediate Stage 2 drilling of 10 holes in bulk tonnage target.
- If results positive, Stage 3 drilling of up to 50 holes with aim of JORC Inferred Resource.
- Continue metallurgical, mining and processing investigations with view to measured scale-up of mining and processing.

■ **BOLOBIP**

- Confirm 3 drill targets for 1000m of drilling and complete drilling within next 12 months.

■ **MAY RIVER (South May River Area)**

- Geological groundwork to define and confirm early drill targets for drilling within next 12 months.