

NIUMINCO GROUP LIMITED



**PNG MINING & PETROLEUM CONFERENCE
NOVEMBER 2015**

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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:

Prof. Ian Plimer – Independent Chairman

Tracey Lake – Managing Director

Matthew Roberts – Independent Director

Neill Arthur – Independent Director

Capital Structure:

Shares on issue 1,413,307,525

No outstanding options

ASX Code: NIU

POMSoX Code: NIU

Website: www.niuminco.com.au

PNG OPERATIONS



- **EDIE CREEK** Mine - producing gold & silver.
- **MAY RIVER** - major copper gold porphyry and epithermal anomalies. Adjoins Frieda River.
- **BOLOBIP** - 60km east of Ok Tedi, a major, drill ready, copper gold porphyry target.

2015 – CHALLENGING TIMES



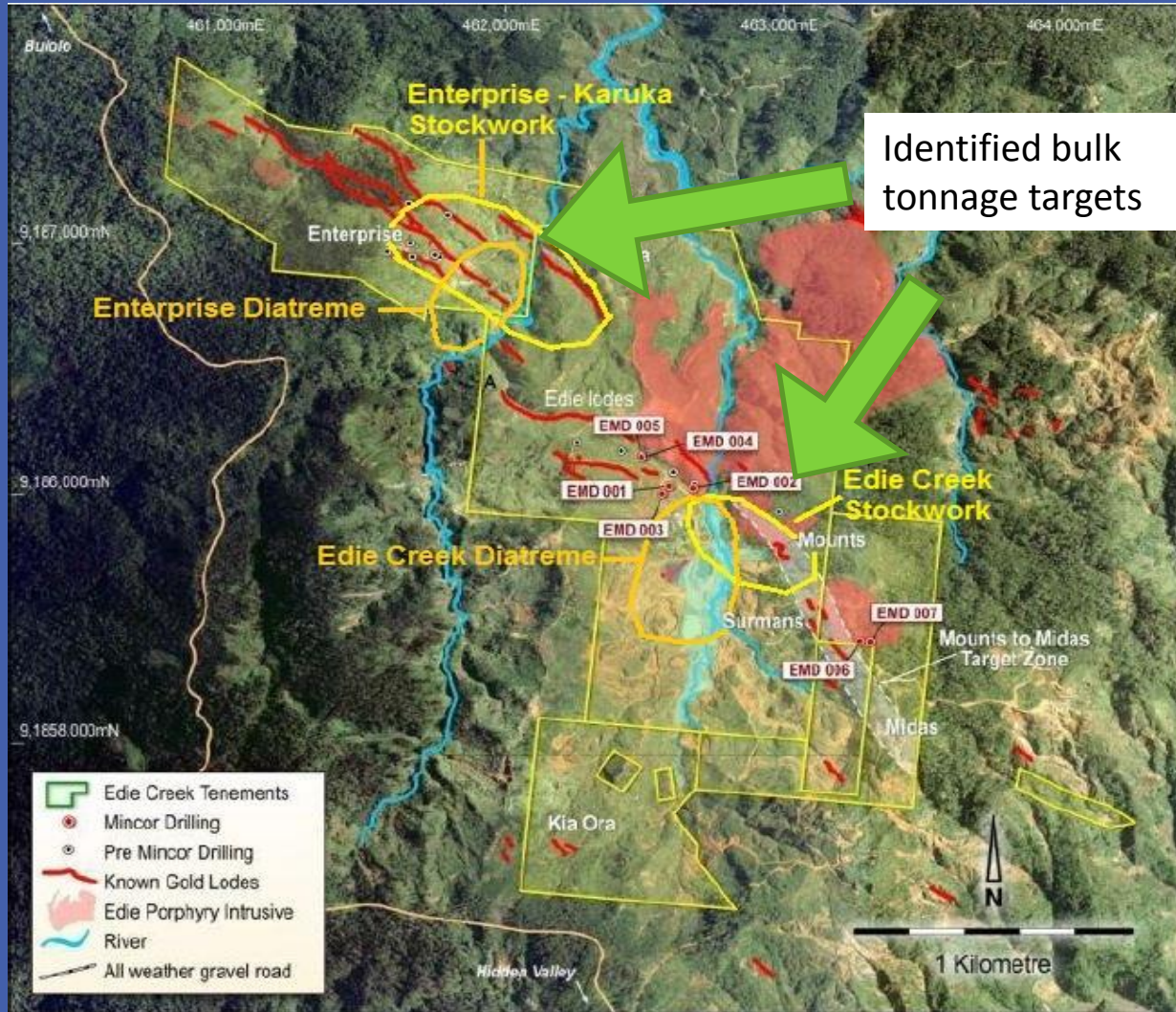
- Past 12 months 'A game of 2 halves' – 1st half cash flow positive, 2nd half cash flow negative.
- 1st half, successful scale-up of mining & gold production at Edie Creek.
- 2nd half, machinery downtime, water inundation & lower grade ore.
- Addition of 1800mm x 900mm ball mill to processing circuit.
- Orders placed for crusher, concentrator, slurry & sump pumps to remove bottlenecks and complete circuit.
- Successful Wardens' hearings held in April & October for renewal of the Bolobip and May River ELs and ELAs.
- Drilling at Edie Creek with own rigs and crew.
- Underwritten capital raising achieved in difficult environment.

EDIE CREEK – AN OPERATING MINE

Significant upside – currently mining only 3.2 tonnes and processing 5.6 tonnes of ore per day – with extensive infrastructure in place

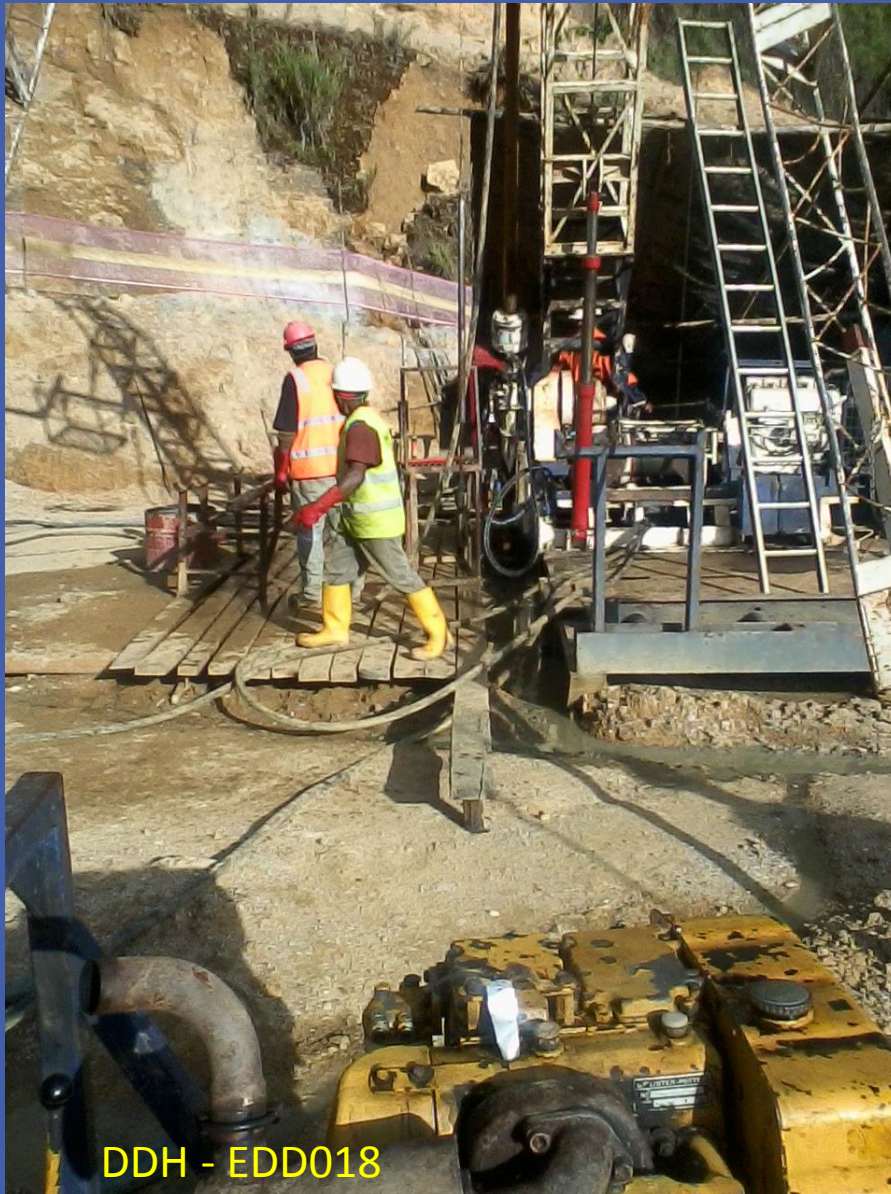


EDIE CREEK Epithermal Gold & Silver



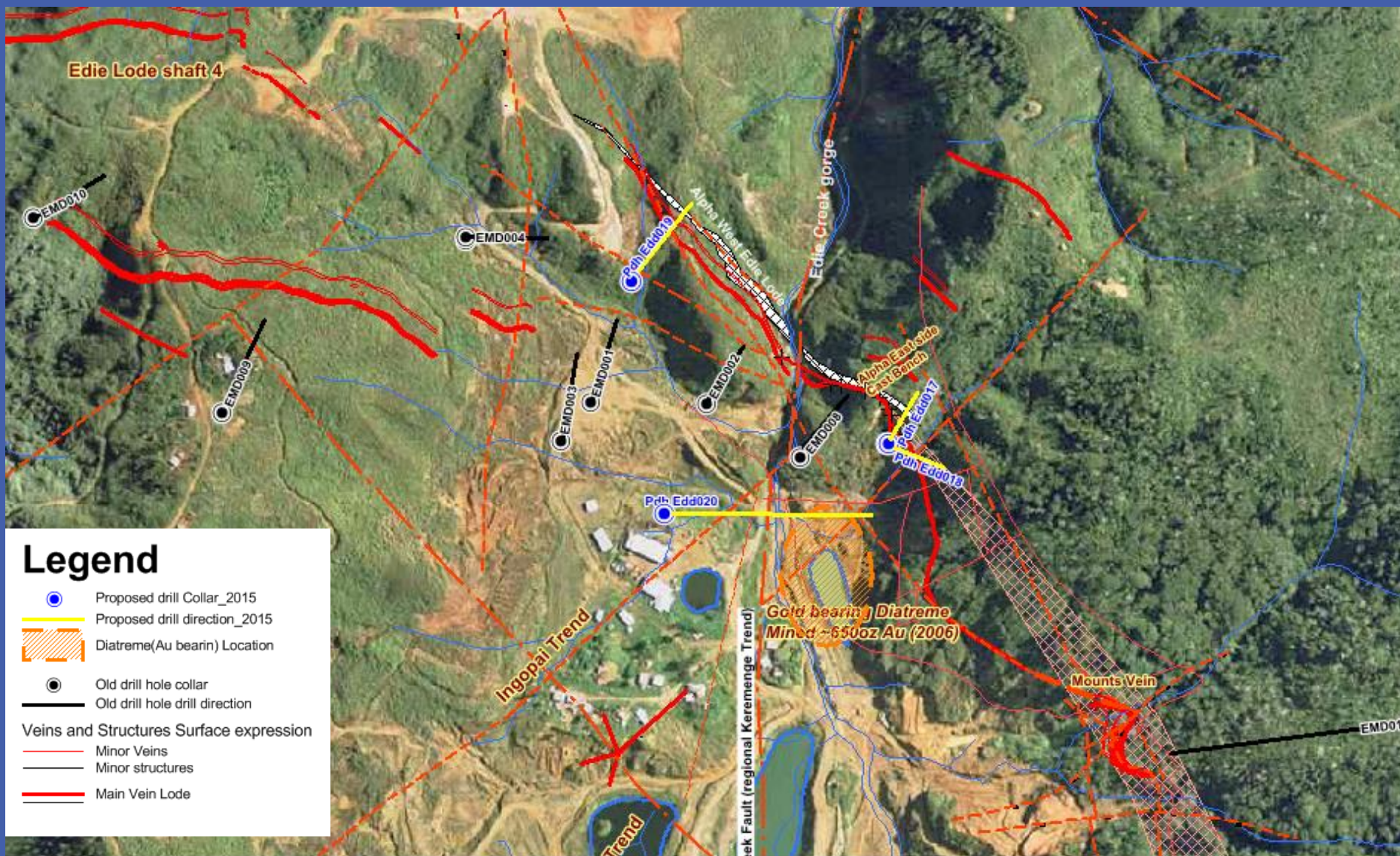
- High grade Au-Ag veins.
- Lower grade bulk tonnage – a number of bodies with substantial economic potential identified.
- Drilling program expanded.
- Measured scale-up of pilot mining & processing continuing.

DRILLING – Edie Creek



- Still relatively unexplored:
 - only 38 drill holes for 6118m since drilling commenced in 1988.
- Extensions of known vein & lode systems.
- Bulk tonnage targets.
- New exploration drilling.

DRILLING – Edie Creek



Legend

- Proposed drill Collar_2015
- Proposed drill direction_2015
- ▨ Diatreme(Au bearin) Location
- Old drill hole collar
- Old drill hole drill direction
- Veins and Structures Surface expression
 - Minor Veins
 - Minor structures
 - Main Vein Lode

PILOT MINING – Edie Creek



- Developing 4 semi-circular small pits over existing, known vein/lode systems, to
- Extend current mining of medium to high grade vein/lode systems

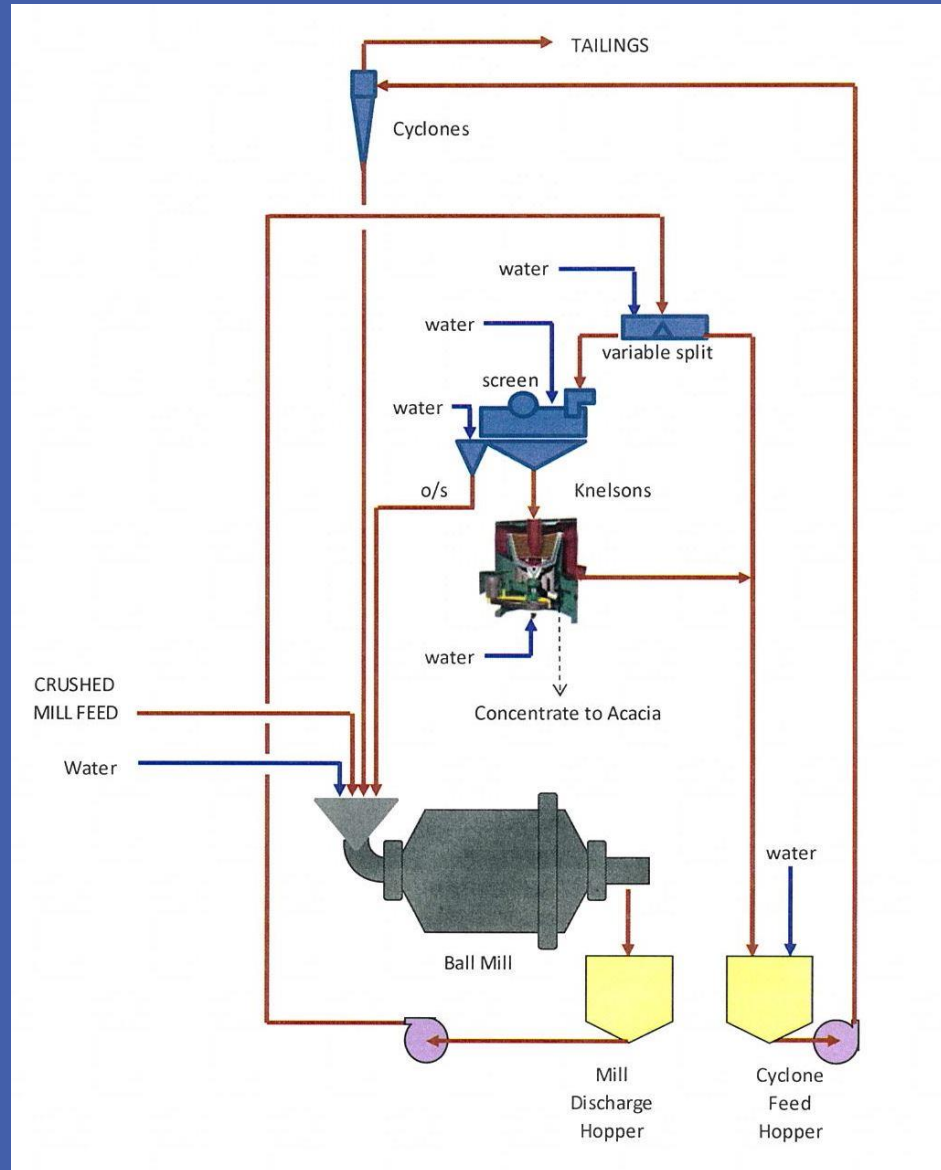


PROCESSING – Edie Creek Now

Ball mill & amalgam barrels



PROCESSING – near term

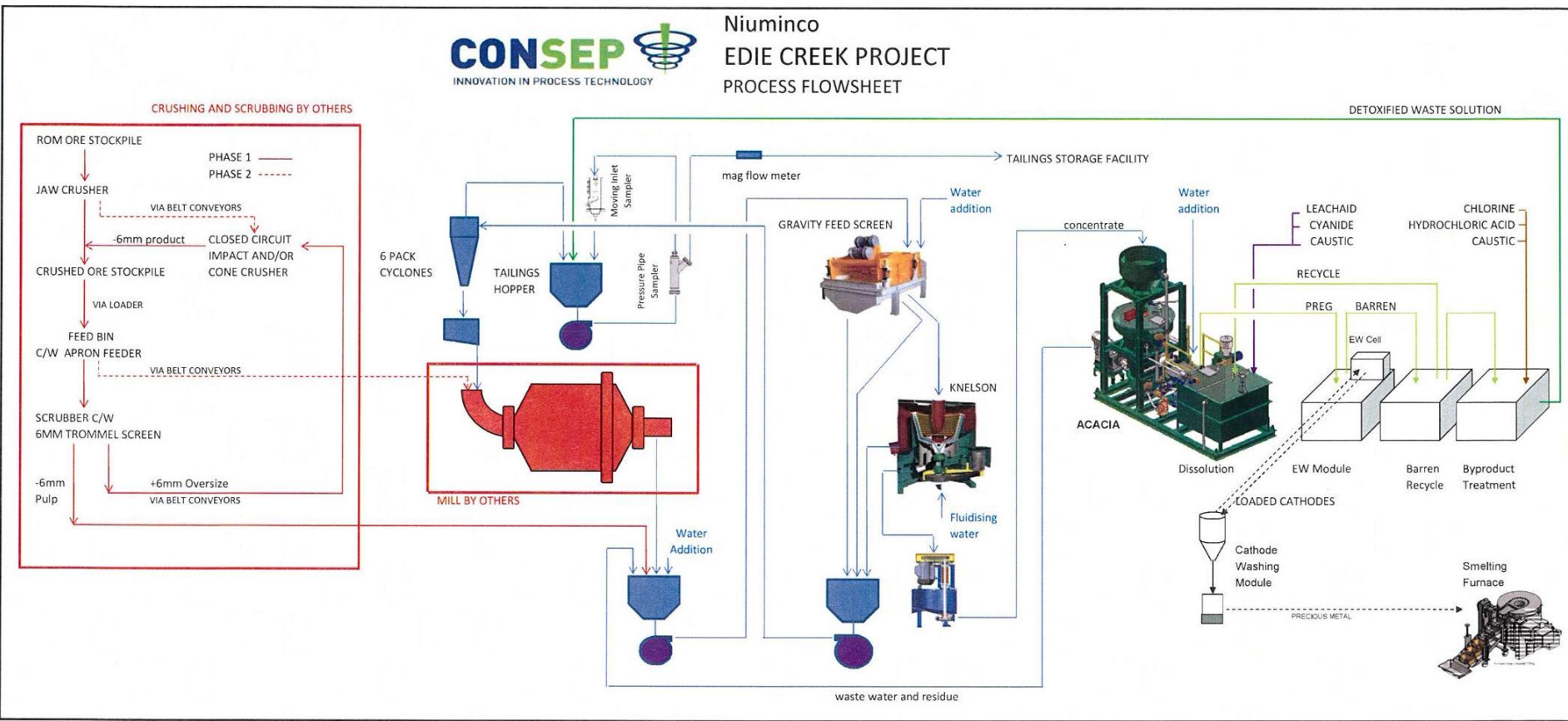




PROCESSING – the future



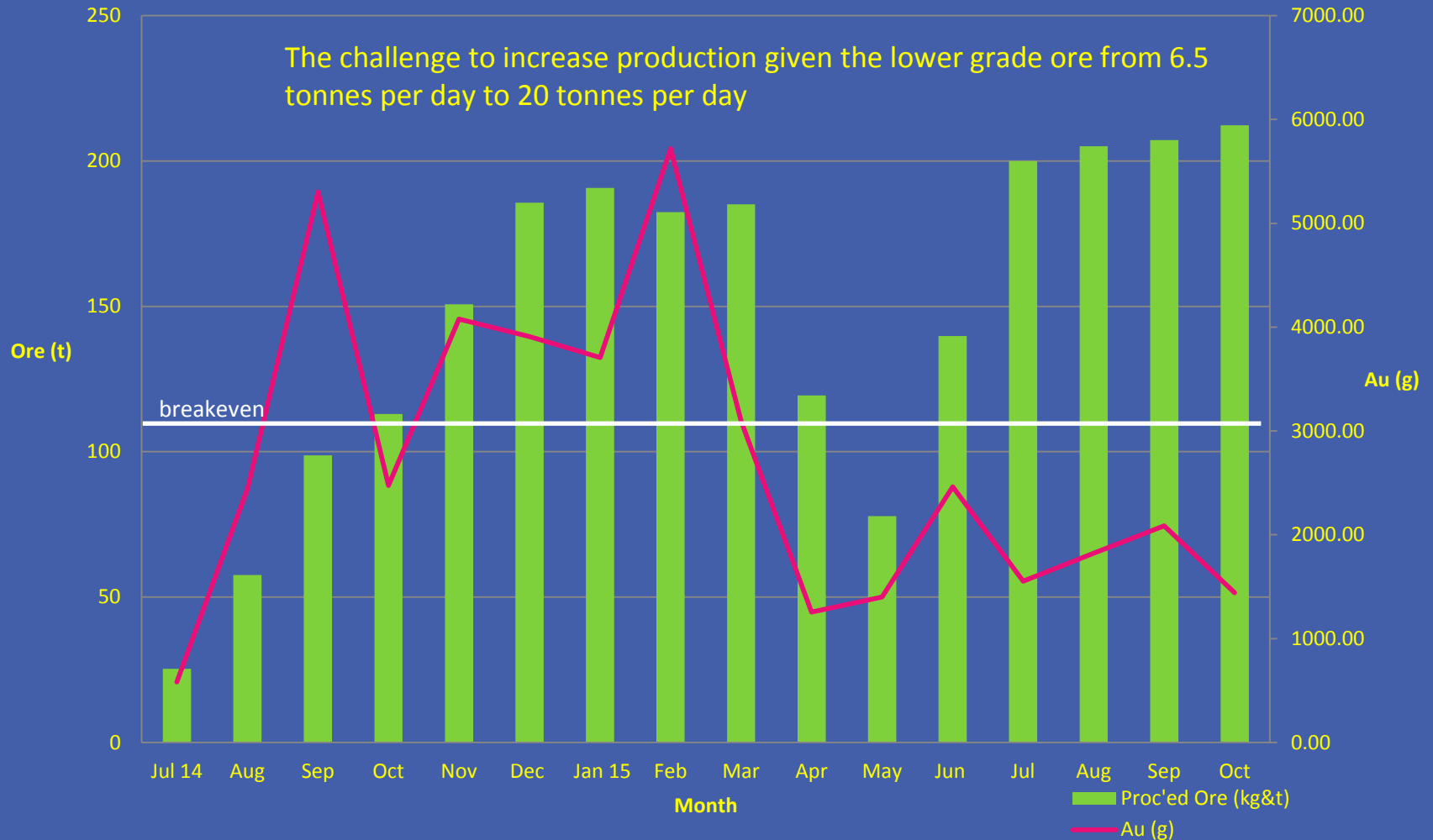
Niuminco EDIE CREEK PROJECT PROCESS FLOWSHEET



EDIE CREEK PRODUCTION



Gold produced and ore processed by month



MAY RIVER - HOTMIN BASE



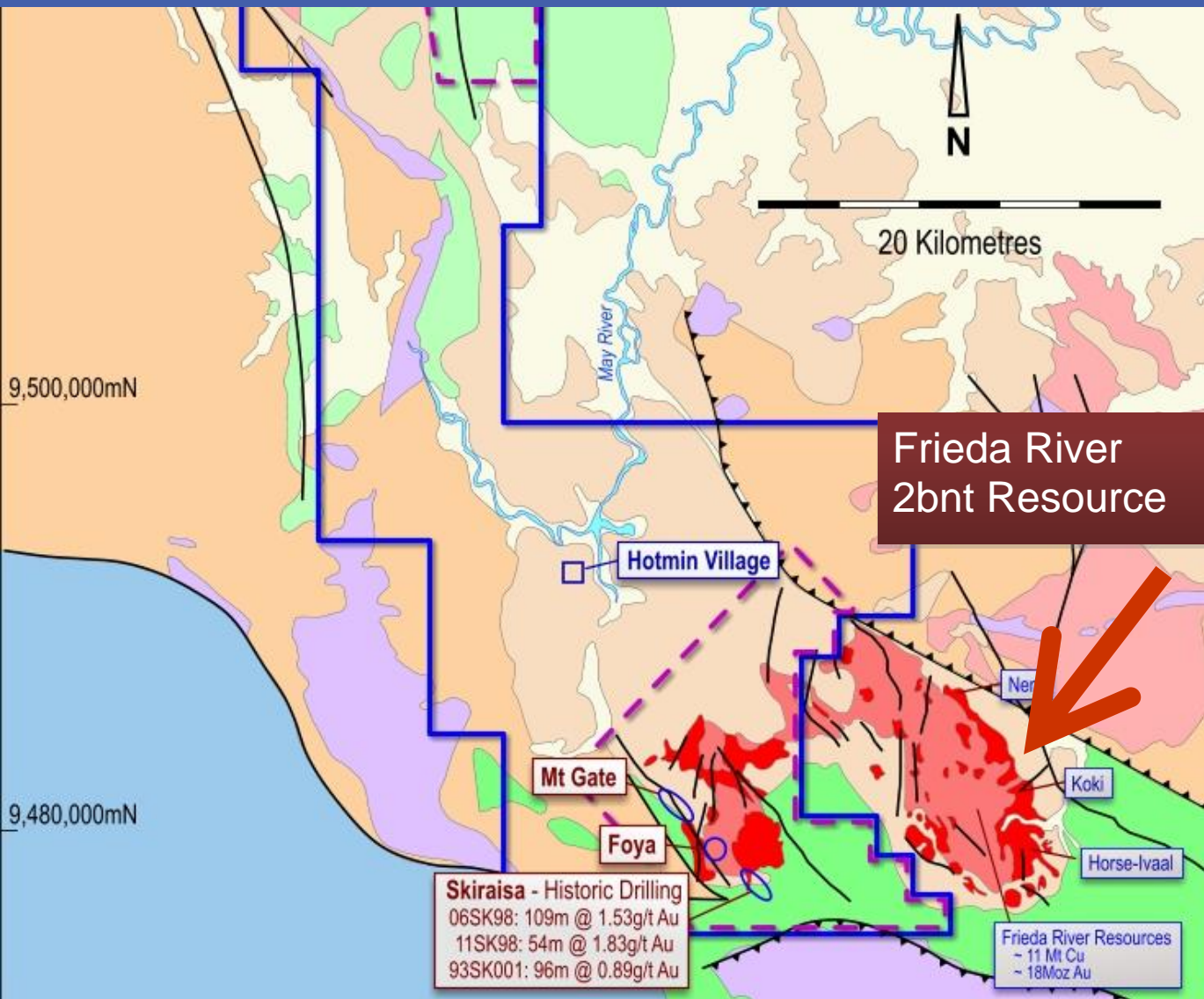
- Niuminco's base camp acts as a regional exploration base at Hotmin.
- Ideal locality in centre of May River Exploration Licence.
- Existing airstrip, and major supplies brought in by low-cost river transport.
- A major airborne geophysical survey completed.
- Airborne VTEM and ZTEM, covering North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



MAY RIVER – Warden's hearing



MAY RIVER – ADJOINS FRIEDA RIVER



SKIRASIA 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

MAY RIVER-structural interpretation

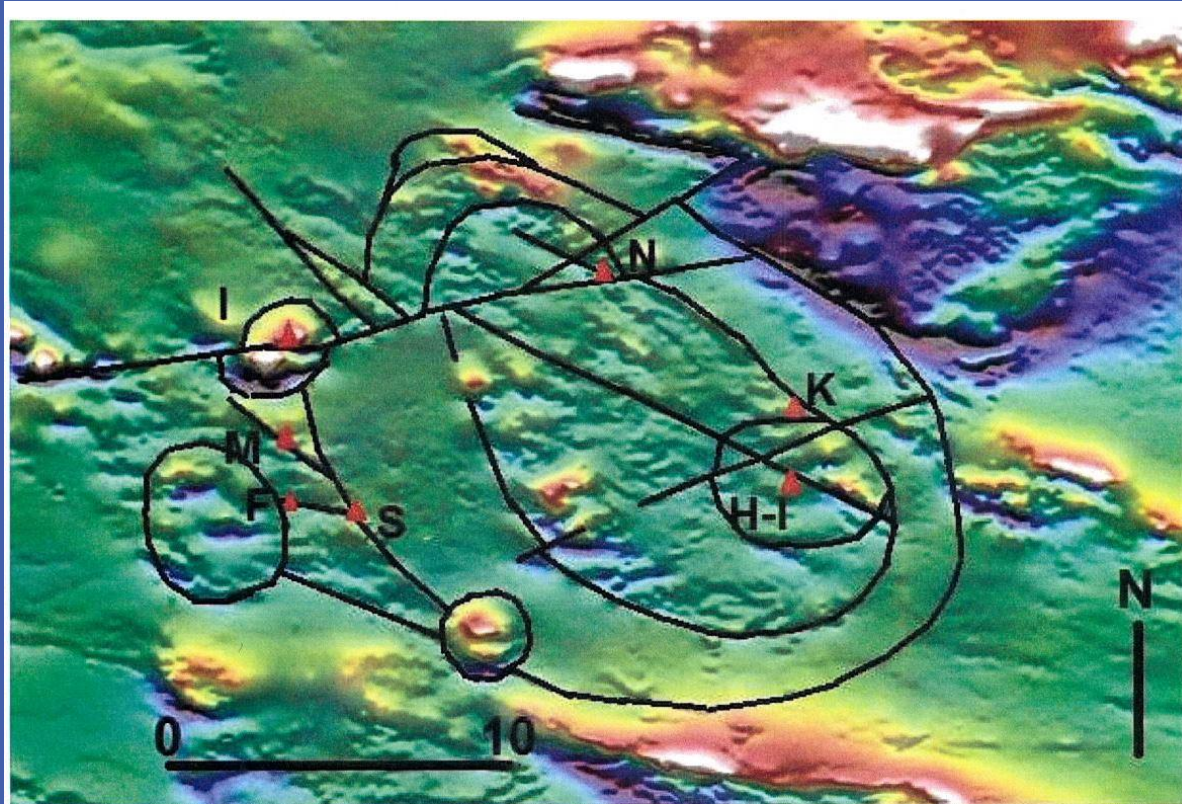


Figure 5: HGL Aeromagnetics. Total Magnetic Intensity – N shade-NL.
Iku (I), Mountain Gate (M), Eserebe (E), Foya (F), Skirasia (S), Nena (N), Koki (K) & Horse-Ivaal (H-I).

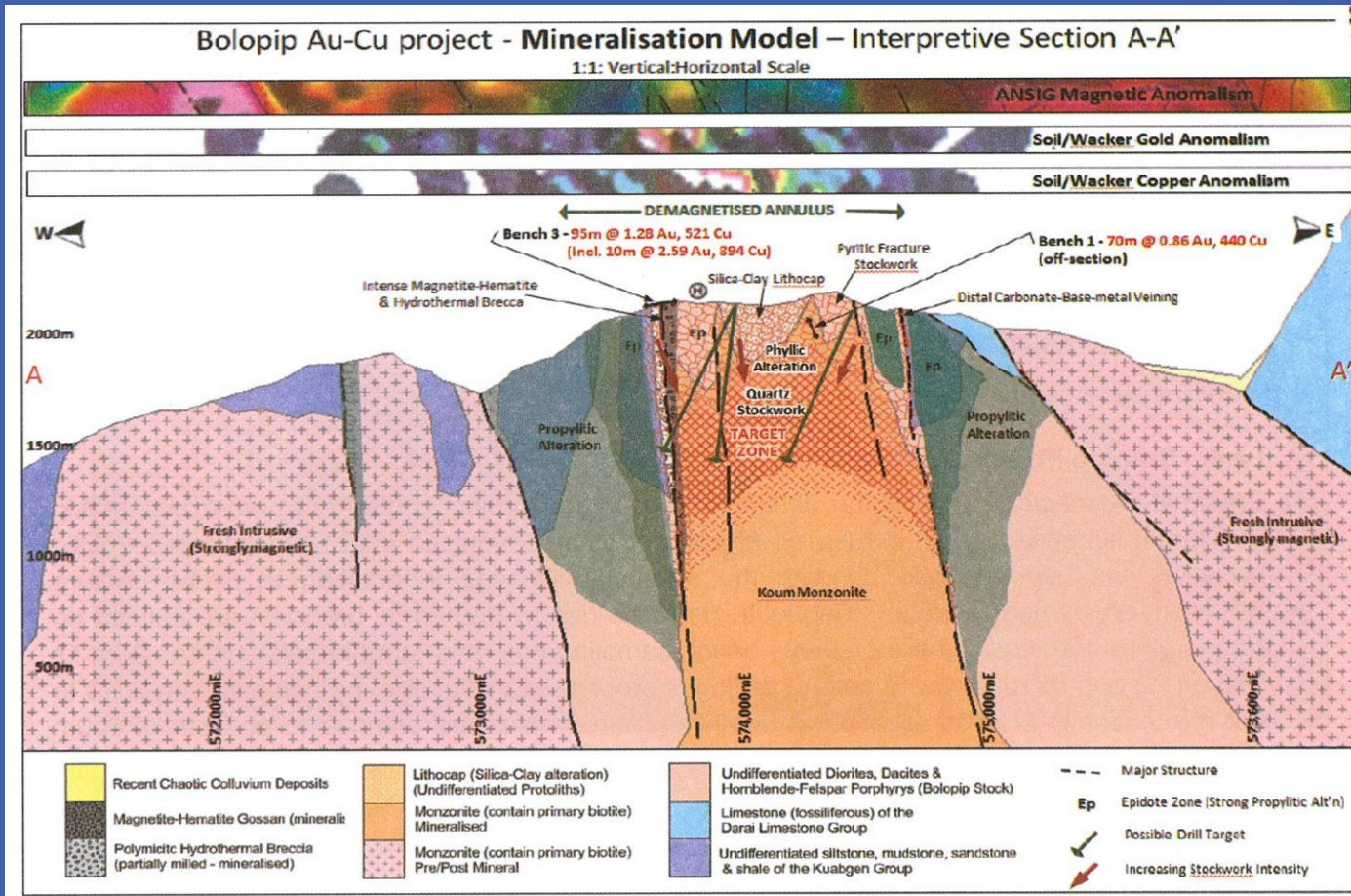
- Frieda River/May River area contains a number of circular type structures - 1km to 20km diameter.
- Some may relate to regional caldera collapse structures and some collapses above porphyry and/or exposed intrusive bodies or diatreme breccia bodies.
- Horse-Ivaal to Nena trend coincides with NE rim of inner structure, Iku to Skirasia trend coincides with SW rim of outer structure.

BOLOBIP BASE CAMP



A MAJOR COPPER GOLD PORPHYRY TARGET 60KM EAST OF OK TEDI MINE

BOLOBIP – drill targets



- A multi-phase intrusive complex. 3 drill targets ready to drill.
- Latest data shows coherent 1km diameter copper and gold anomaly.
- Classic geochemical signature of a leached cap above a mineralised copper-gold porphyry system. Extensive surface gold mineralisation in trench channel samples (CRA).

2016 - OPPORTUNITIES IN CHALLENGING TIMES



■ “BREAD & BUTTER”

- Measured scale-up of mining & production at **EDIE CREEK**, through completion of ball mill circuit; and
- Development of 4 existing, known vein/lode systems, to achieve
- Consistent monthly ore processing & gold production circa 5000g (160 oz)

■ “BLUE SKY”

- Continue low cost exploration & extension drilling at **EDIE CREEK** using own rigs & crew.
- Complete low cost drilling of 3 targets at **BOLOBIP** using own rig & crew.
- Confirm drill targets & commence exploration drilling at **SOUTH MAY RIVER.**

THANK YOU

