



Private Securities Litigation Reform Act Safe Harbor Statement

This presentation contains "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and 21E of the Securities Exchange Act of 1934, as amended, that are intended to be covered by the safe harbor created by such sections. All statements other than those of historical facts included in this presentation are forward-looking statements, including, without limitation, (i) estimates of future earnings, and the sensitivity of earnings to the gold and other metals prices; (ii) estimates of future gold and other metals production and sales, (iii) estimates of future cash costs; (iv) estimates of future cash flows, and the sensitivity of cash flows to the gold and other metals prices; (v) statements regarding future debt repayments; (vi) estimates of future capital expenditures; (vii) estimates of reserves, and statements regarding future exploration results and the replacement of reserves; and (viii) statements regarding modifications to the Company's hedge position. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward-looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forwardlooking statements. Such risks include, but are not limited to, gold and other metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks in the countries in which we operate and governmental regulation and judicial outcomes. For a more detailed discussion of such risks and other factors, see the Company's latest Annual Report on Form 20-F for the year ended June 30, 2010, which is on file with the Securities and Exchange Commission, as well as the Company's other SEC filings. The Company does not undertake any obligation to release publicly any revisions to any "forward-looking statement" to reflect events or circumstances after the date of this presentation, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.





Understanding Cu-Au porphyries

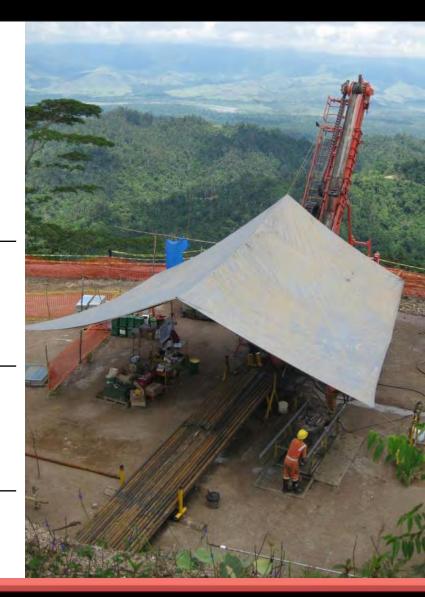
 Background on arc related gold and coppergold deposits similar to Wafi-Golpu

Understanding Wafi-Golpu

Creating the future

More PNG excitement to come

Exploration outside of the JV



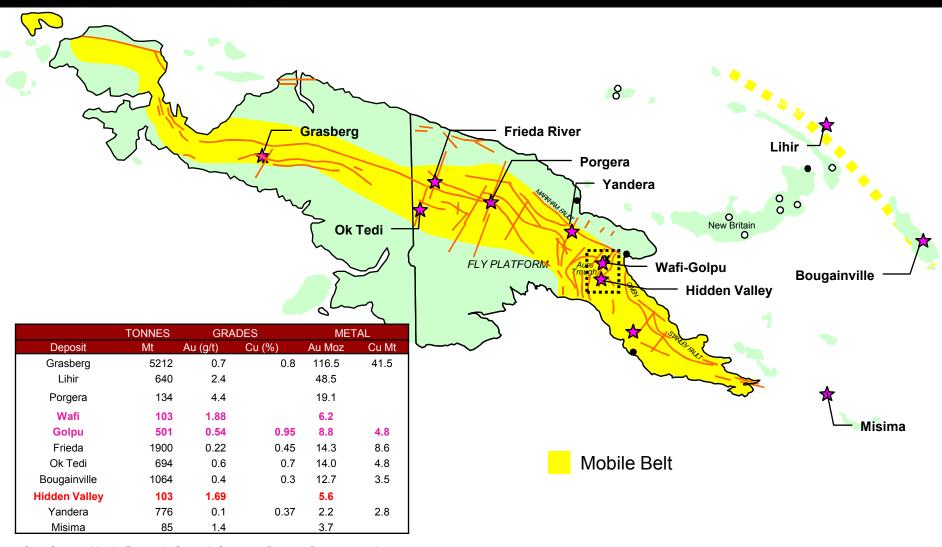


Understanding Cu-Au porphyries





The New Guinea Mobile Belt

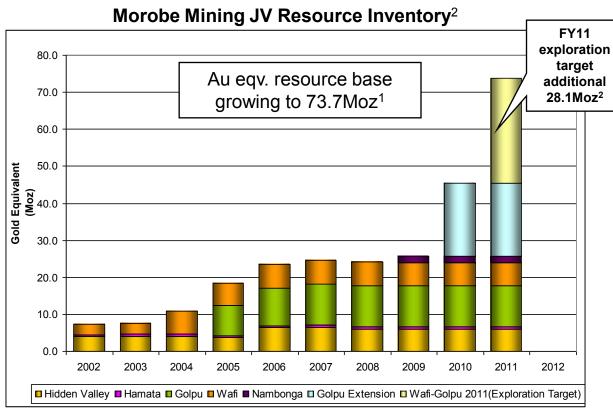


Data Source: Metals Economic Group & Company Reports. Resources only





- Emerging as world-class mineral province – bring your elephant gun.
- Under-explored
- Exploration investment translating into resource growth
- Low cost per ounce for discovery
- Exploration target for Wafi-Golpu System²:
 - 900 to 1 400Mt
 - 30Moz gold
 - 8Mt Copper

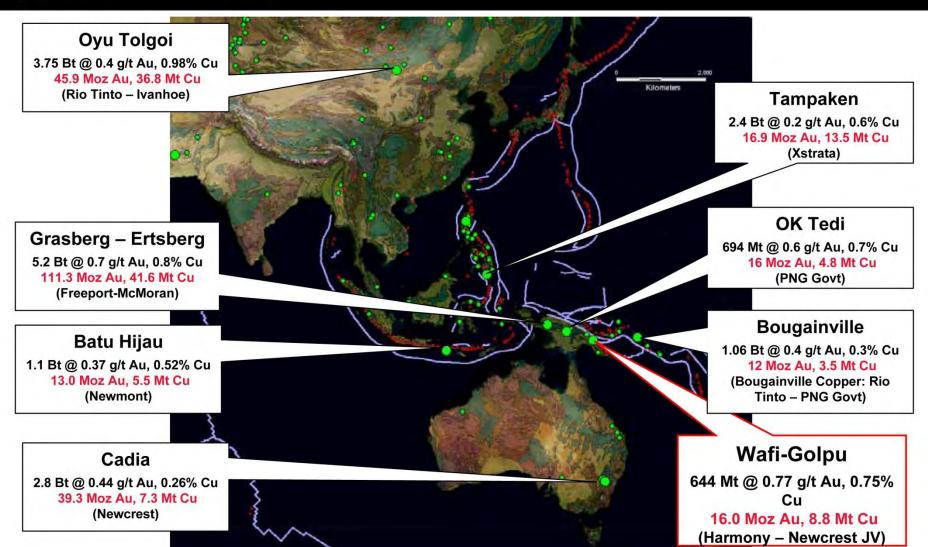


¹Resource figures quoted as 100% with gold equivalent based on US\$ 950 oz Au, US\$ 4,412 /t Cu at 100% recovery for both metals. Molybdenum not included in metal equivalents.

² Refer <u>www.harmony.co.za</u> for full July 2010 resource statement and target guidance.

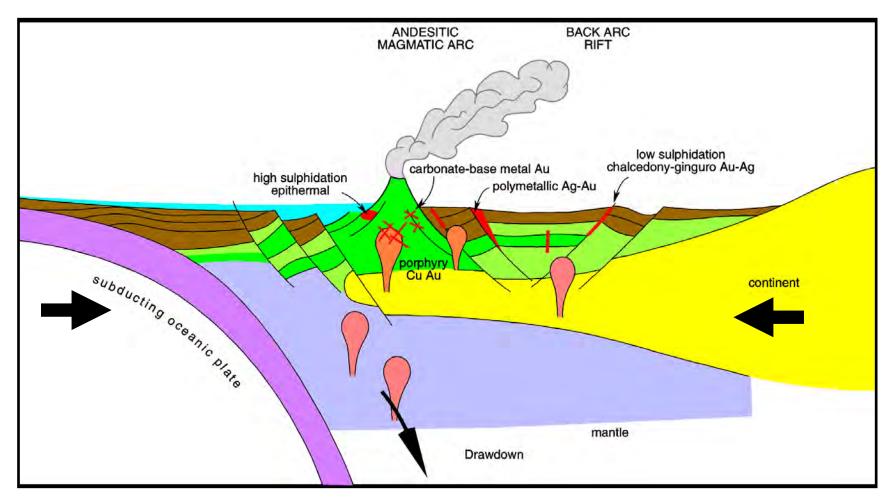


World-class Cu-Au resources in SE Asia





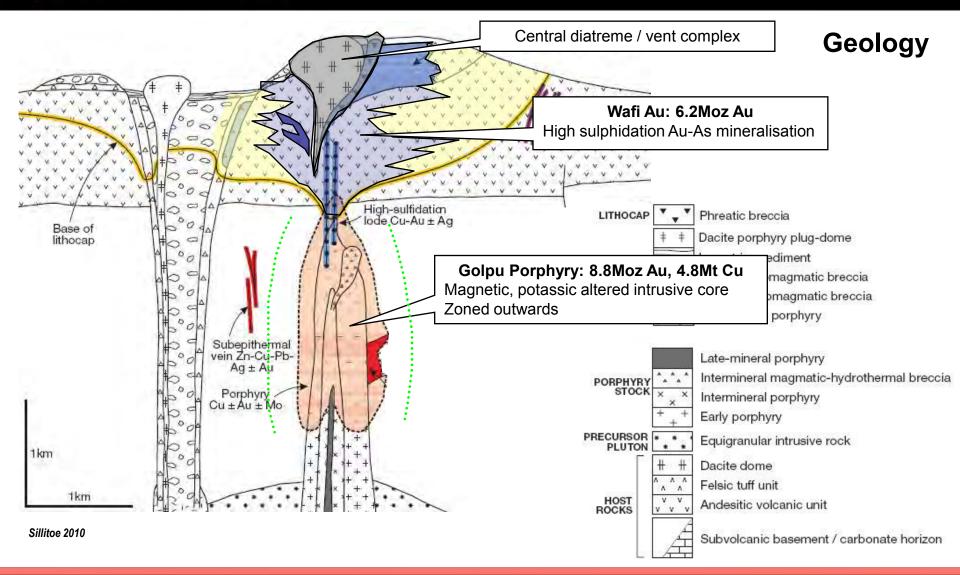




Porphyry Copper and Gold systems: developed in subduction zones at plate boundaries



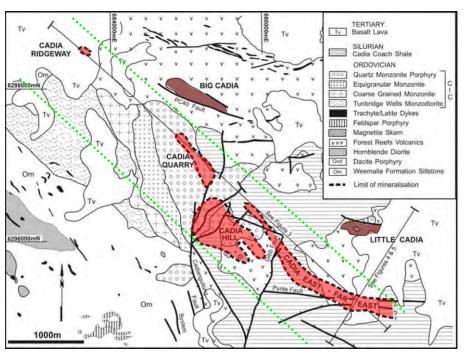
Deposit scale characteristics using Wafi-Golpu as context





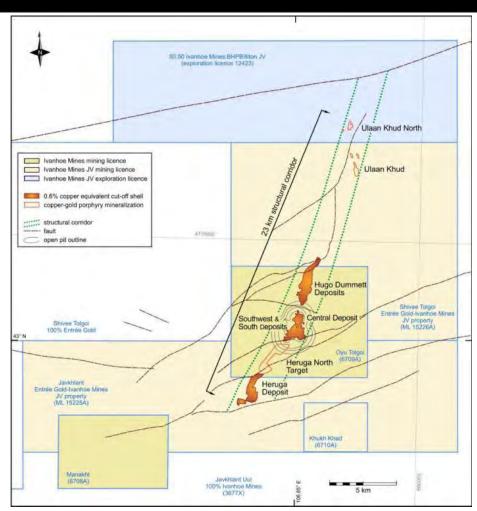
District scale characteristics

Deposit Cluster Concept



Cadia Valley Operations: 44Moz Au, 8Mt Cu

- Alignment of 4 deposits over km of 7km strike in NW trending structural corridor
- Note skarn development

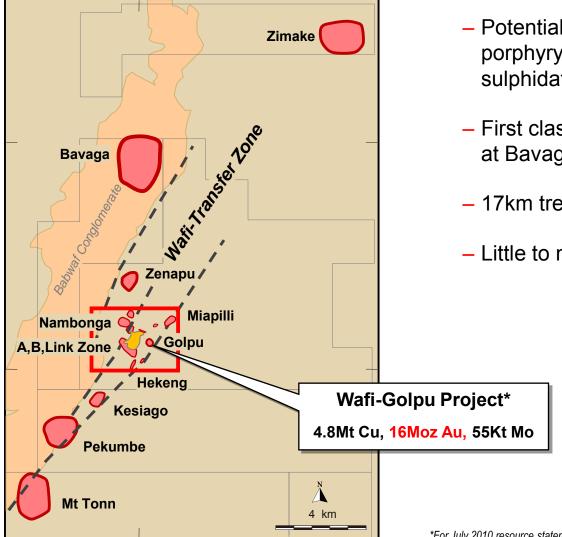


Oyu Tolgoi: 46Moz Au, 37Mt Cu

- Alignment of 4 deposits over 12 km of strike in structural corridor
- Potential for 23km of strike identified to date



Wafi Transfer Zone: An emerging mineral district

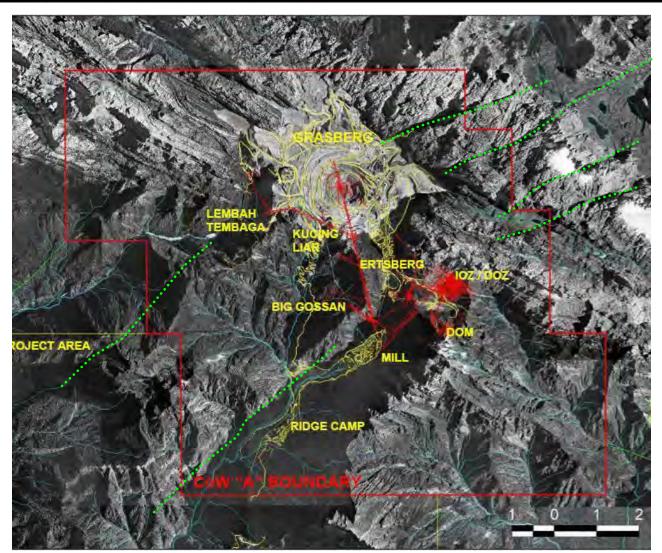


- Potential for deposit cluster/alignment of porphyry copper-gold and related high sulphidation gold deposits is excellent
- First class anomalies (tenor and grade) at Bavaga, Zenapu, Zimake and Mt Tonn
- 17km trend
- Little to no previous exploration

*For July 2010 resource statement refer to www.harmony.co.za



District scale characteristics

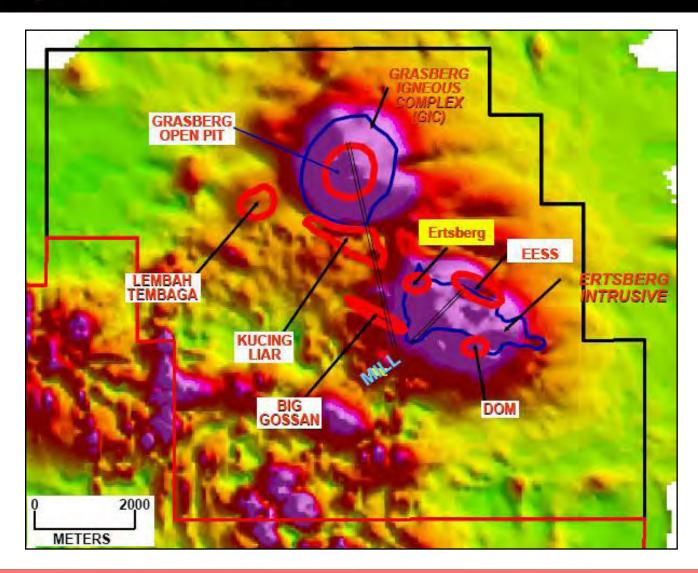


Grasberg-Ertsberg

- Cluster of Cu-Au porphyry and Cu-Au skarn deposits
- Grasberg discovered in 1988
- Resources
 - 116.3Moz Au
 - 45.5Mt Cu
- Approximately 60% Skarn and 40% porphyry
- Annual production
 - 2-3Moz Au
 - 500 000 700 000t Cu
- Skarn metallurgy complex
- Transfer structural control



Grasberg-Ertsberg

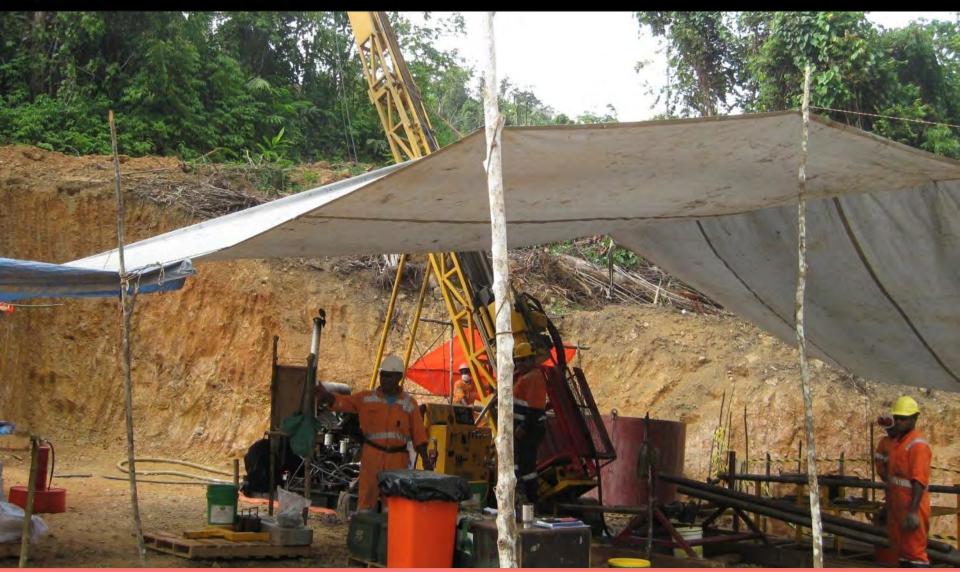


Cow A magnetics

- Analytic signal
- Anomalies sourced from magnetite in potassic altered core of monzodiorite intrusives
- Not all deposits have "bull's eye" magnetic targets owing to alteration overprints and other factors



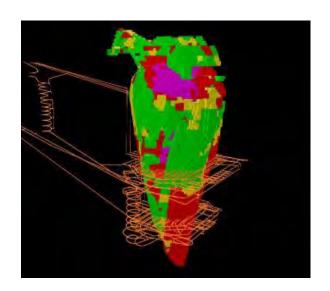
Understanding Wafi-Golpu





We are



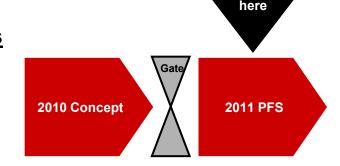


- 2007 pre-feasibility study:
 - technically and financially viable mining operation
 - 100Mt block cave on Golpu
 - ~US\$0.64/lb cash cost
 - US\$1.5bn capital
 - 13-year mine life
 - positive NPV but needed improving

Concept Study Gate 2007 PFS

2007 recommendations

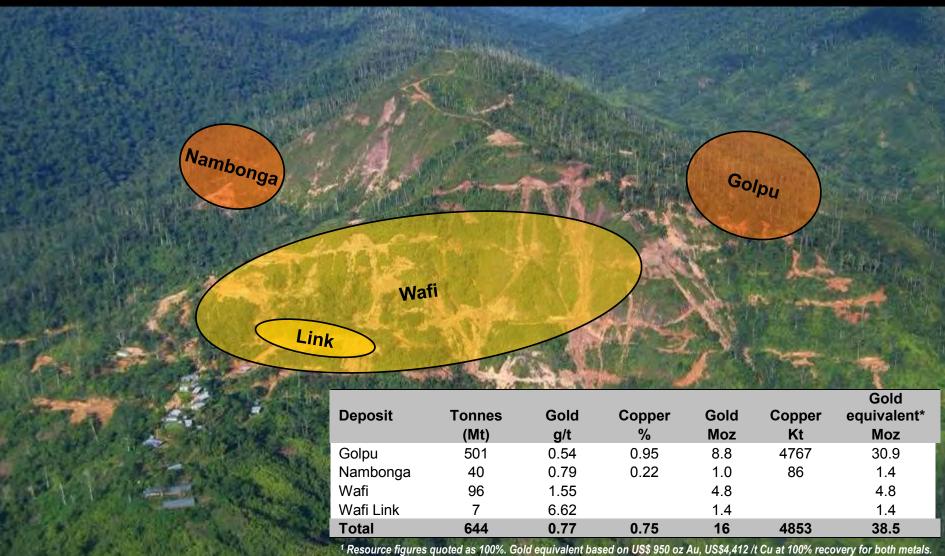
- Seek capital reduction
- Improve metallurgy
- Prove up additional resources



Exploration success has transformed Wafi-Golpu into a world-class project

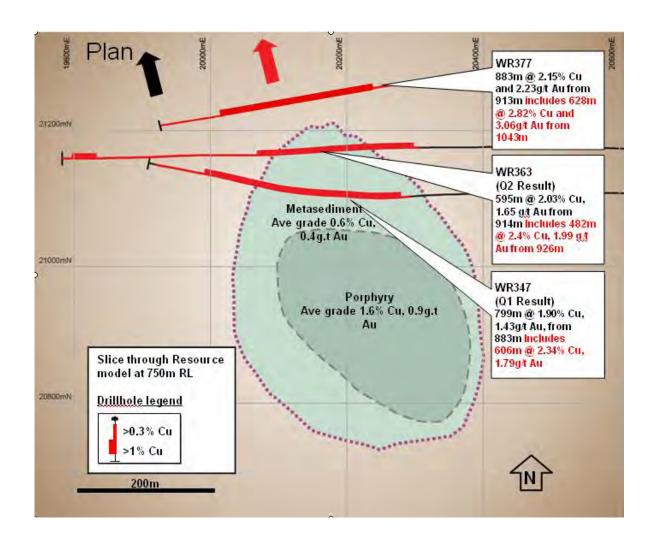


World-class resource



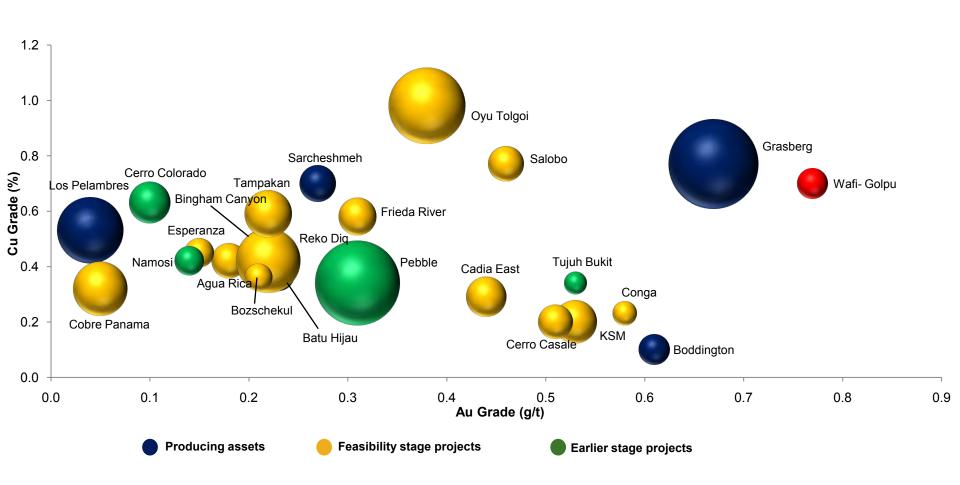


Open along strike – recent success





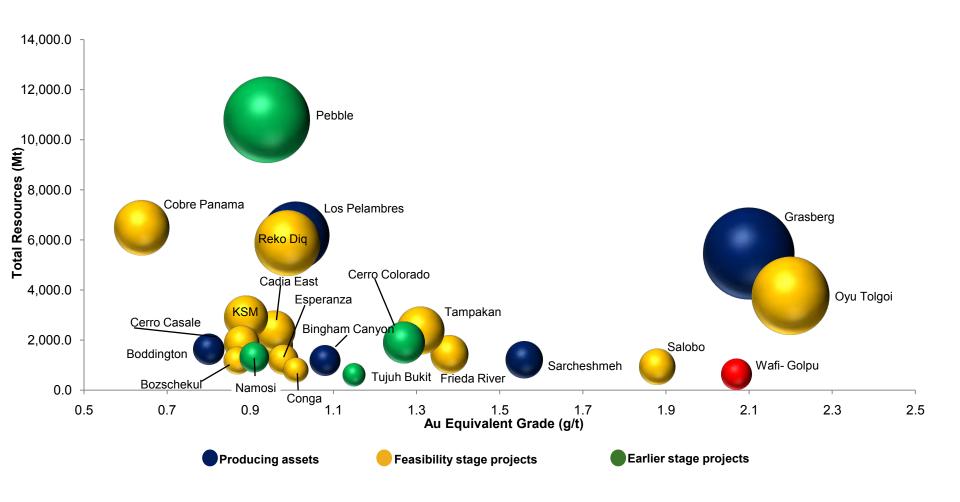
Benchmarking gold and copper grades



Note: Bubble size represents total reserves and resources equivalent gold



Benchmarking tonnage and gold equivalent grades



Note: Bubble size represents total reserves and resources equivalent gold



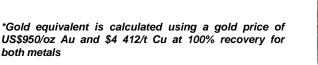
Resource characteristics

Golpu

- large copper-gold porphyry – high grade
- cylindrical shape amenable to block caving
- "standard' metallurgy

Wafi

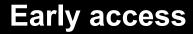
- structurally controlled epithermal gold deposit.
- high sulphidation system (+oxide)
- requires more complicated metallurgical recovery
- amenable to open pit and/or block cave



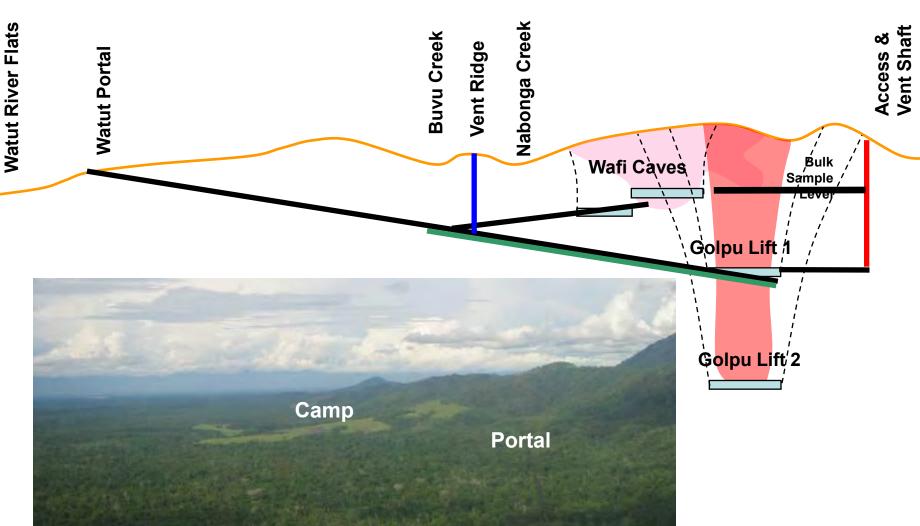


both metals

SCHEMATIC SECTION WAFI DEPOSIT (looking north) EAST A, Zone WEST B Zone Western Zone Diatreme Nambonga Link Zone GOLPU **DEPOSIT** System is untested below limit of drilling ~1000 m









Pre-feasibility study (PFS)

- PFS will determine scale of operation
- Current resource indicates:
 - 600Mt 800Mt mining inventory
 - 20 30Mtpa throughput
 - 300 000 700 000oz gold/year
 - 200 000 320 000t copper/year
 - lowest quartile cash cost
 - multiple mining and infrastructure options
- Potential to increase size of operation with further resource upgrades
- Next Golpu resource upgrade expected in July 2011



Environmental management

- Environmental considerations fundamental in development decisions
- Currently developing an Environmental Management Plan
- Gathering environmental baseline data
- Water quality monitoring
- Flora and fauna surveys
- Establishing nurseries for rehabilitation





Supporting the community

- Support based on stakeholder consultation and feedback on priorities with sustainable outcomes:
 - health
 - clinical services
 - construction of new aid post at Babuaf
 - education
 - school fee assistance
 - maintenance of schools
 - water supplies
 - constructing water supplies in partnership with local-level governments(LLGs) and nongovernmental organisations(NGOs)





Establishing community support

- Social impact assessment
- Cultural sensitivity training for JV employees
- Project awareness and engagement
- Consultation and information
- Capacity building for landowner groups
- Training, preparation for employment and business opportunities







Supportive government

- Government very supportive of project
- Land Titles Commission progressing
- Open door to Mineral Resources
 Authority (MRA) and the Department of
 Environment and Conservation (DEC)
- Government may potentially buy-in up to 30% subject to negotiation





Wafi-Golpu: Reasons to be cheerful

- Quality resource tonnes, grade, morphology, metallurgy (Golpu)
- Targeting lowest quartile cash costs
- Close proximity to good infrastructure
- Established in PNG with an experienced team
 - mine already built at Hidden Valley
- Stable regulatory environment and supportive government
- Good relationship with landowners
- Significant upside potential with Wafi, Nambonga and Transfer structure exploration
- Will significantly add to Harmony's offshore resource base and production profile

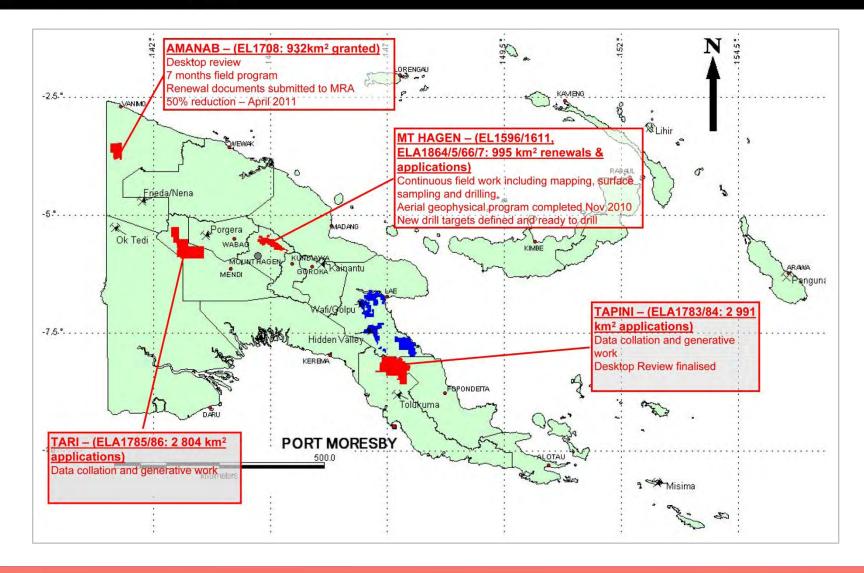


More PNG excitement to come



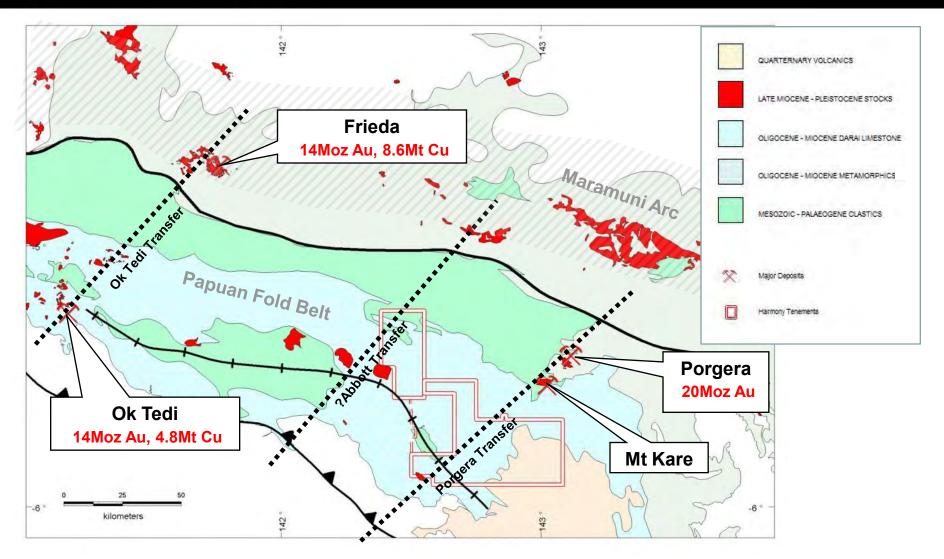


Harmony exploration licences: tenement portfolio





Southern Highlands Project Regional Setting

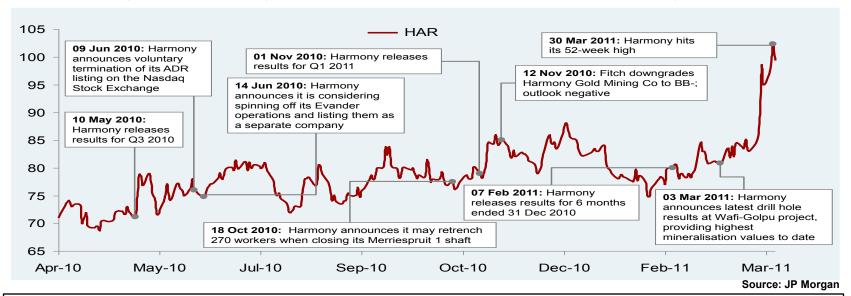




Securing a sustainable future

Organic growth

- Grass roots exploration success drives exponential growth in shareholder value
- Exemplified by recent Harmony value uplift on back of Golpu extension discovery



Release on 3 March 2011: WR377 with 883m @ 2.15% Cu and 2.23g/t Au (5.33g/t Au equivalents*) from 913m including 628m @ 2.82% Cu and 3.06g/t Au (7.13g/t Au equivalents*) from 1043m

*Refer to Harmony website

- Opportunity for Harmony to repeat the Golpu success story
 - outside of the JV on Harmony 100% ground
 - more systems in the Golpu transfer structure

HARMONY"-an exciting investment proposition



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