

# New High Grade Gold Targets from Structural Study at Indochine's Mt Kare Gold-Silver Project

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#### New High Grade Gold Targets Identified from Structural Study

Indochine Mining Limited (ASX & POMSoX: IDC, "Indochine") is very encouraged by the outcomes of an independent structural study completed by specialist consulting geologist Dr Anthony (Tony) Norman, at the request of Indochine's chief geological consultant Tony Burgess. Geological mapping undertaken by Dr Norman has identified key mineralised structures and a particular stratigraphic horizon associated with high grade gold mineralisation at Indochine's Mt Kare Gold-Silver Project, located in PNG.

The recently completed study identified targets located within the 2013 resource together with potential extensions at deeper levels and revealed new additional targets in a previously undrilled area. The new target is over 500m long, south of the main north-east controlling fault through the currently identified resource, and has potential for further high grade gold bearing structures.

Dr Norman commented "This increases the confidence of finding more high-grade zones at Mt Kare. It locks in the similarity of structural setting and high grade zones to the adjoining Porgera deposit and improves the major growth potential of Mt Kare, as both deposits share the same age and style of mineralisation within the same structural corridor."

The diagram attached shows the structure linkage between Mt Kare and Porgera along a north-east trending transfer structure, with the dilational 'jogs" in opposing directions. This setting has aided the interpretation at a deposit scale in Mt Kare and helped in locating new targets.

Dr Norman has over 35 years of experience in assessing mineral projects across the globe, principally in North and South America, China, PNG and Australia. He produced a structural and stratigraphic framework for the adjoining world-class 28Moz Porgera gold deposit which supported the discovery of additional multi-million ounces of gold. Indochine is incorporating Dr Norman's findings into the project 3D geological model. Further geological mapping will be undertaken by company geologists under the supervision of Tony Burgess, to expand on the work undertaken by Dr Norman.

#### Survey of Customary Land Boundaries Underway

The final stage of the Landowner Investigation Study (LIS) is successfully underway on-site at Mt Kare. This includes the marking out, on the ground, of the location of the land boundaries amongst the clans identified in the LIS, which is being surveyed as required by the Lands Act to be included in the final submission of the Landowner Investigation Report (LIR). In a positive for the Company, these activities have generated significant interest in the local PNG media because of its ground-breaking "Melanesian Approach" using customary landownership methodology. As a direct result, the clans identified have mobilised to Mt. Kare and conducted themselves peacefully when identifying their customary land boundaries.

#### Underground Adit into High Grade Gold Zones

Work is progressing on the portal for the underground adit into the high grade gold zones, with geotechnical and hydrological drilling recently completed. Following completion of the initial development, a larger underground drilling campaign will be undertaken, targeted to increase the high grade gold zones to over 1 million ounces at 10 grams/tonne gold by the June quarter 2014.

### Stephen Promnitz, CEO, Indochine Mining Limited

Indochine Mining Limited (ASX:IDC)



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## Porgera Barric Indochine Legend 6 Ma intrusives Oligocene Nembi Limestone Mt Kare Eccene Mendi Limestone Paleocene sediments Urubea sandstone Cretaceous Ieru Formation & equivalents Cretaceous Om Formation Thrust/reverse fault Normal fault Strike slip fault

North-East Transfer Structure - Linking Mt Kare and Porgera

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At Porgera, high grade gold mineralisation (bonanza "d-veins") was associated with extension within the right-stepping jog (extensional jog).

At Mt Kare, high grade and bonanza gold mineralisation appears to be associated with transpression within a left-stepping jog (compressional jog).

The structural setting has been linked between the two deposits at a macro-scale, which is repeated at a deposit scale and allows for repeats of high grade zones.

### **Competent Persons Statement:**

Anthony W. Burgess, a gualified consultant for Indochine Mining Limited, is a member of the Australasian Institute of Mining and Metallurgy and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity undertaken, being reported herein as Mineral Resources and Exploration Results, 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 (The JORC Code, 2004 Edition). Anthony W. Burgess has consented to the public reporting of these statements and results and the form and context in which they appear.

Indochine Mining Limited (ASX:IDC)

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#### Forward Looking Statements, Risks and Disclaimer:

This release contains certain forward-looking statements. The words 'anticipate', 'believe', 'expect', 'project', 'forecast', 'estimate', 'likely', 'intend', 'should', 'could', 'may', 'target', 'plan' and other similar expressions are intended to identify forwardlooking statements. Indications of, and guidance on, future earnings and financial position and performance are also forwardlooking statements. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Indochine, and its officers, employees, agents and associates, that may cause actual results to differ materially from those expressed or implied in such statements. Actual results, performance or outcomes may differ materially from any projections and forward-looking statements and the assumptions on which those assumptions are based. The reader should not place undue reliance on forward-looking statements and neither Indochine nor any of its directors, employees, servants, advisers or agents assume any obligation to update such information. Except for any liability that cannot be excluded by law, Indochine, and each of their Affiliates, disclaim and accept no responsibility or liability (including liability for negligence) for any expenses, losses, damages or costs incurred as a result of the information in this document being inaccurate or due to information being omitted from this document. The growth in high grade resources and the related mining rate and gold production rates are indicative only. They are based on assumptions considered reasonable by Indochine and its external consultants, which may not all be ultimately achieved. The Company expects that the drilling to be undertaken will aid in the future increase in contained ounces of gold within and around the high grade zones of a reasonable proportion to allow for an underground mining which may not be ultimately achieved. There is no assurance that the mineral resource estimates published by Indochine Mining can be profitably mined or that the planned exploration and project studies by Indochine Mining will result in the delimitation of an economically viable mineral deposit or that the exploration tonnage estimates and conceptual project developments can be achieved. Further, there is no assurance the any planned feasibility studies carried out by the Company will confirm the technical and commercial viability of the Company's Mt Kare Project. Indochine Mining's Projects are located in Papua New Guinea. There can be no assurance that the legal or regulatory regime in that country will remain in the present state, and where adverse changes occur, this may impact on the ability of the Company to viably develop its projects or retain appropriate title to its projects in order for it to do so. Indochine's operations, and the operations of the industries in which its contractors operate, are subject to laws, regulatory restrictions and certain government directives, recommendations and guidelines relating to, amongst other things, occupational safety, the use and handling of hazardous materials, prevention of illness and injury and environmental protection. Future legislation may impose further regulation, which could impact adversely on the assets, operations and, ultimately, the operating and financial performance of Indochine. Delays or failures in obtaining regulatory approval may have an adverse effect on the operational and financial performance of Indochine. Licenses and permits to operate, and adjustments to those licences and permits, are subject to approvals by regulatory bodies and may not be provided in a timely manner. Any adverse material changes may have significant effects on the viability of development. The price of commodities, particularly gold, will vary over time and consequently, adverse movements in commodity prices in the future may affect the viability of prospects. In accordance with relevant regulations governing the disclosure of mineral projects, readers are cautioned that scheduled development and production based on planned increases to resource material is considered speculative.