



Acquisition of the World-Class Adidi- Kanga Gold Project

August 2018

Forward Looking Statements, Disclaimer and CP Statement



Forward-Looking Statement: This document contains statements that are "forward-looking". Generally, the words "expect," "intend," "estimate," "will" and similar expressions identify forward-looking statements. By their very nature, forward-looking statements are subject to known and unknown risks and uncertainties that may cause our actual results, performance or achievements, or that of our industry, to differ materially from those expressed or implied in any of our forward-looking statements.

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Competent Person Statement: The information in this announcement that relates to Exploration Targets, Exploration Results and Mineral Resource Estimates are based on information compiled by Mr Peter Stockman who is a full time employee of Stockman Geological Solutions Pty Ltd. Mr Stockman is a member of the Australasian Institute of Mining and Metallurgy. Stockman Geological Solutions is engaged by Vector Resources Ltd as a consultant geologist. Mr Stockman has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Stockman consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

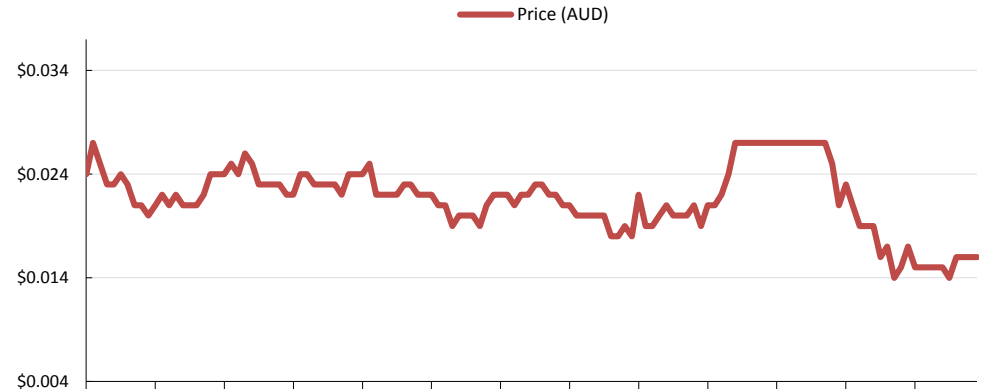
Corporate Snapshot



Capital Structure

Share Price (24 August 2018)	\$0.016
Ordinary shares on issue	1.38b
Options on issue	Nil
Performance Rights	60m
Market capitalisation	~\$22m

VEC 6 month SP price and volume



Board & Management

Non-Executive Chairman	Gary Castledine
Executive Director	Jason Brewer
Non-Executive Director	Michael Hendriks
Chief Executive Officer	Simon Youds
CFO/Company Secretary	Andrew Steers

Major Shareholders

JBCM Consulting Pty Ltd	3.6%
WB Kasai Investments Congo SARL	3.2%
Red Star Developments Pte Ltd	3.1%
Goldfire Enterprises Pty Ltd	2.5%
Board and Management Total	5%

VEC Investment Proposition

- Executed key documents for the acquisition of a 60% interest in the world-class Adidi-Kanga Gold Project in the DRC (ASX Announcement 24 July 2018)
- Adidi-Kanga contains Indicated and Inferred Resource (JORC 2012) of **15 Mt @ 6.6g/t Au** * (3.2 Moz)(ASX Announcement 5 February 2018), comprising;
 - Open pit resource of 4.9Mt @ 5.5g/t (0.889 Moz) down to 100m
 - Underground resource of 10Mt at 7.19g/t Au (2.327Moz)
- Definitive Feasibility Study expected to be completed with a decision to mine in Q3 2019
- Approximately 70% of the process equipment required has been purchased and delivered to site by previous owners AngloGold Ashanti (AGA)
- Environmental and Social impact assessments approved
- Proposed joint venture with DRC state owned gold company - SOKIMO significantly de-risks project development and provides significant optionality to acquire additional world-class assets
- High-caliber technical team with proven track-record of developing large-scale resources projects in Africa
- Key funding discussions advancing well and nearing completion

* The Mineral Resource Estimate is reported in line with the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code) and is classified into the Indicated and Inferred categories.

VEC Project Portfolio

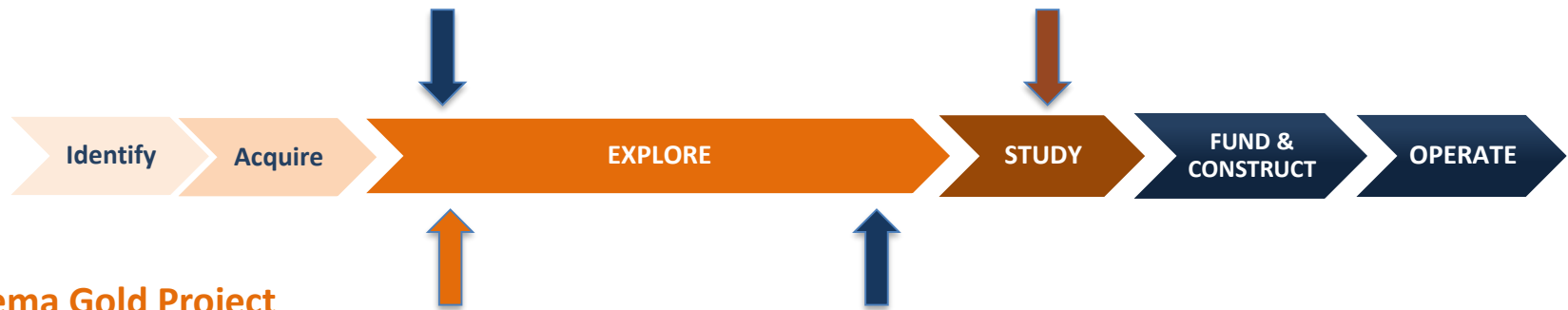


Nizi Gold Project

- Highly prospective area with significant historical mining by local and Belgian miners – significant prospects already identified
- Surface drilling leading into DFS and u/g exploration on historical mine

Adidi-Kanga Gold Project

- Indicated and Inferred Resource (JORC 2012) of 15 Mt @ 6.6g/t Au (3.2 Moz) (ASX Announcement 5 February 2018)
- Rapid DFS & Funding programs to run concurrently



Maniema Gold Project

- VEC acquired 60% interest in 2016 for ca. \$4.85M
- Kabotshome Prospect most advanced with JORC Mineral Resources Estimate (refer ASX Annoucememnt 17 January 2017)
- Ore body definition drilling towards PFS & regional exploration

South Kibali Gold Project

- Historic Inferred Resource of 28.1 Mt at 1.63g/t (1.47Moz) under SAMREC Code (ASX Announcement 7 December 2017) *
- Limited drilling program leading into DFS

* These estimates are considered historic and are not reported in line with the JORC (2012) Code. A Competent Person has not done sufficient work to classify these estimates under the JORC (2012) Code. It is uncertain that following further work that the historic estimates will be able to be reported as mineral resource in accordance with the JORC (2012) Code. The Competent Person acknowledges that this mineral resource is historic.

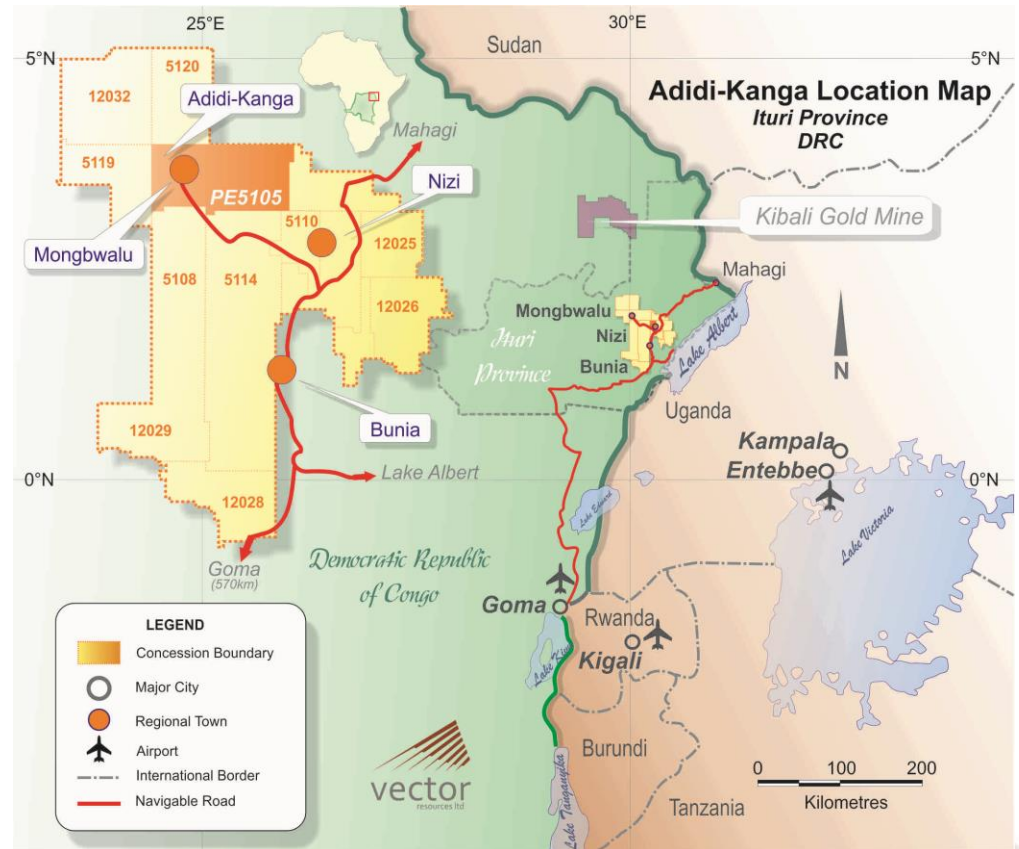
SOKIMO JV - Significantly De-Risked

- Long term JV and partnerships being established with DRC state owned gold company - Societe Minere de Kilo Moto (**SOKIMO**)
- In December 2017, VEC entered into a Heads of Agreement with SOKIMO to review and negotiate commercial terms for a partnership or JV opportunity over the Kibali South and Nizi Gold Projects in the DRC
- Established relationship with SOKIMO is a key step to significantly de-risking operations in DRC – key stakeholder in DRC gold operations including Adidi-Kanga and Kibali Gold Mine
- VEC currently finalising negotiations with SOKIMO over the Kibali South Gold Project and the Nizi Gold Project – earn 60-70% interest through JV and partnership agreements



Adidi-Kanga Project Overview

- Located on Kilo-Moto greenstone belt hosts the +20Moz Kibali Gold deposit
- EIA (as completed by AngloGold Ashanti) has been assessed - an underground mine and process plant @ 960,000 TPA is permitted and approved
- Several studies including a full AngloGold PFS and two feasibility Studies have been previously completed and returned supportive business cases and was catalyst for Anglo's purchase and delivery of US\$70m of equipment to the project



AngloGold Ashanti Divestment



Global Events

- Gold price decline (fall from highs of 2012)
- Evidence of major gold companies divestment of assets (early stage, non-core and marginal projects)
- Focus of major gold companies on project and shareholder value with a halt to many project development opportunities

AngloGold Ashanti – Drivers Behind Divestment

2012

- Capital expenditure reduction target of \$500 million instigated by AngloGold

2013

- Senior management and leadership changes
- Tightening of exploration and corporate expenditure
- Adidi-Kanga and greater Mongbwalu project spending suspended (final divestment in 2015)
- Mine Waste Solutions Project reconfigured
- Production issues at Obuasi
- Increased Power Costs in South Africa
- Focus shifted to Tropicana, Kibali, Geita ramp-up and Sunrise Dam
- Significant investment/capital requirements for Kibali development in DRC – significant exposure for AngloGold in the DRC

2014 - 2017

- Focus on driving value from existing operations and limited expansion
- Some consideration given to brownfields expansion

Comparative Mining Strategies

AngloGold's Strategy

- Utilise Mongbwalu as a “Beachhead” to enter DRC and use as a cash flow positive platform to explore Block 40 concession
- Decision drivers were based on continued presence in the DRC region as opposed to direct project fundamentals eg:
 - Decision for Underground Mine; presence of Artisanal Scale Miners (ASM) – ASM now largely depleted
 - Hand-held mining selected – increased employment, higher selectivity reduced technology dependence and lower mining cost perception

Vector's Strategy

- Wholly focussed on PE5105 (see Slide 7) & open cut would be preferred however existing EIA approved for stage 1 underground mine
- Mechanised mining selected – higher productivity, reduced operating capital and higher ounce productivity per mining district and per USD Capital
- Mechanised requires reduced capital and operating development to reach and sustain nameplate production

Development History – Key Milestones

2005

- AGA Acquisition of Mongbwalu (greater project area which includes Adidi-Kanga)
- Exploration commenced

2010

- Mining and Specialist Studies Completed

2012

- EIA Approval for 1 Mtpa Mining operation, Procurement of Process plant, USD500m Capex reduction

2015

- AGA official divestment to Mongbwalu Gold Mines (Fimosa owned)
- Mongbwalu Gold Mines initiates Gravity gold project

2018

- Vector Execute Key Documents for Adidi-Kanga Acquisition

2005

2010

2015

2020

2011

- Decision to Mine at the Kibali Gold Mine JV between AGA and Randgold

2009

- Maiden Mineral Resource Statement – SAMREC for Adidi-Kanga
- Kibali JV (Randgold Resources and AGA)

2013

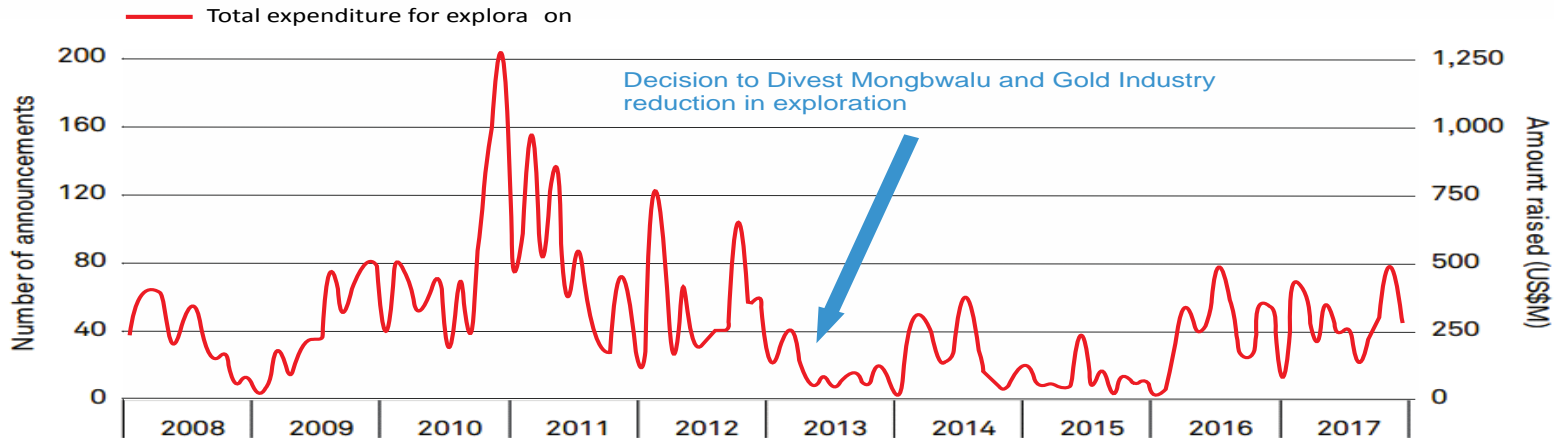
- AGA Executive Management Change, USD500m Reduction Plan (Mining Weekly May 2013), AGA suspends project development and commences process to divest

2017

- Mongbwalu Gold Mines (Fimosa) Decision to divest
- HOA reached (Dec-17) with Vector

Setting the Scene for Investment

Total Global Gold Exploration Expenditure

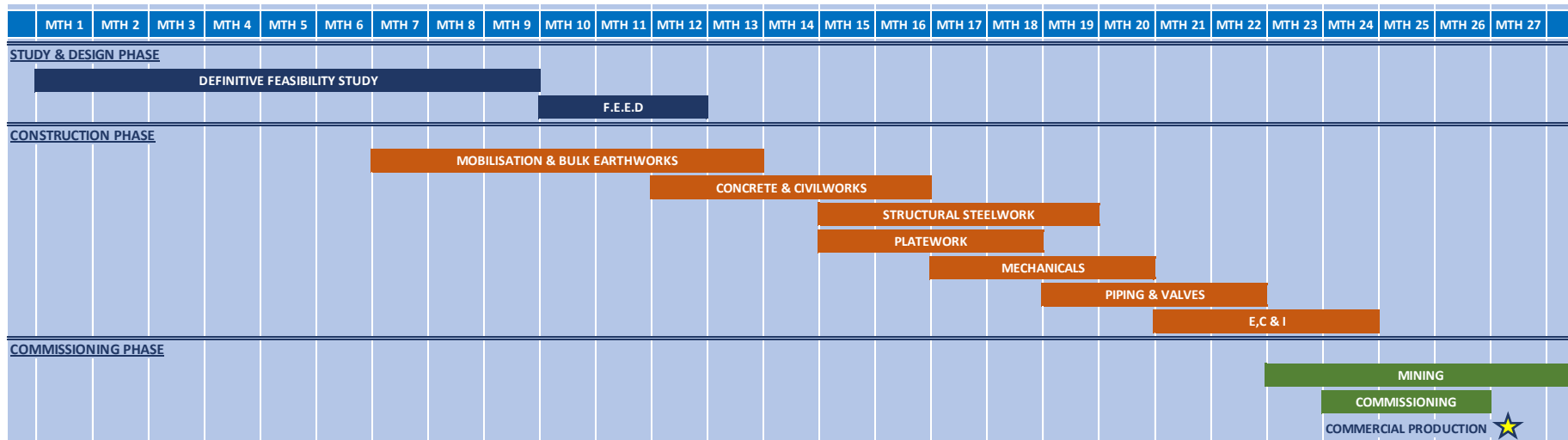


Data as of January 31, 2018
Source: S&P Global Market Intelligence

- Low availability of advanced gold assets due to extended periods of world wide low exploration expenditure
- Unique circumstance of an Advanced Tier #1 Gold Asset stalled for financial & technical input; low cost entry; project risk reduced to near execution level
- Vector's team having high calibre global project experience and embedded DRC knowledge and support
- Adidi-Kanga with advanced engineering (Process Plant at 'Issued for Construction-IFC' Design), permitted for production; 70% process equipment procured; subject to site evaluation and feasibility potential for early cash flow

Clearly Defined Pathway to Production

- Assess and incorporate suitable equipment (currently on site) into the Definitive Feasibility Study
- Detailed design of bulk earthworks during the DFS stage to facilitate early start-up
- Conclude Definitive Feasibility Study (within 9 months of deal completion)
- Conduct the front end engineering and design
- Execute an aggressive construction schedule
- Concurrent mine development ensuring availability of stockpiled ore after commissioning for commercial production



Additional Value Drivers / Catalysts

1. Geology/Mining

- Reduce mining grade risk by recasting the geological model
- Optimizing the mine design for mechanised mining methods
- Opportunities to conduct mine access development in ore

2. Plant/Construction

- Reviewing equipment on site to be included in early start up
- Repricing major equipment packages for cost reduction
- Reviewing scopes of work and repricing construction packages
- Reenergising the hydropower upgrades for potential cost reductions

3. Operational Upside

- Examining contract mining options
- Road upgrades for site access
- Onsite laboratory for efficiency gains

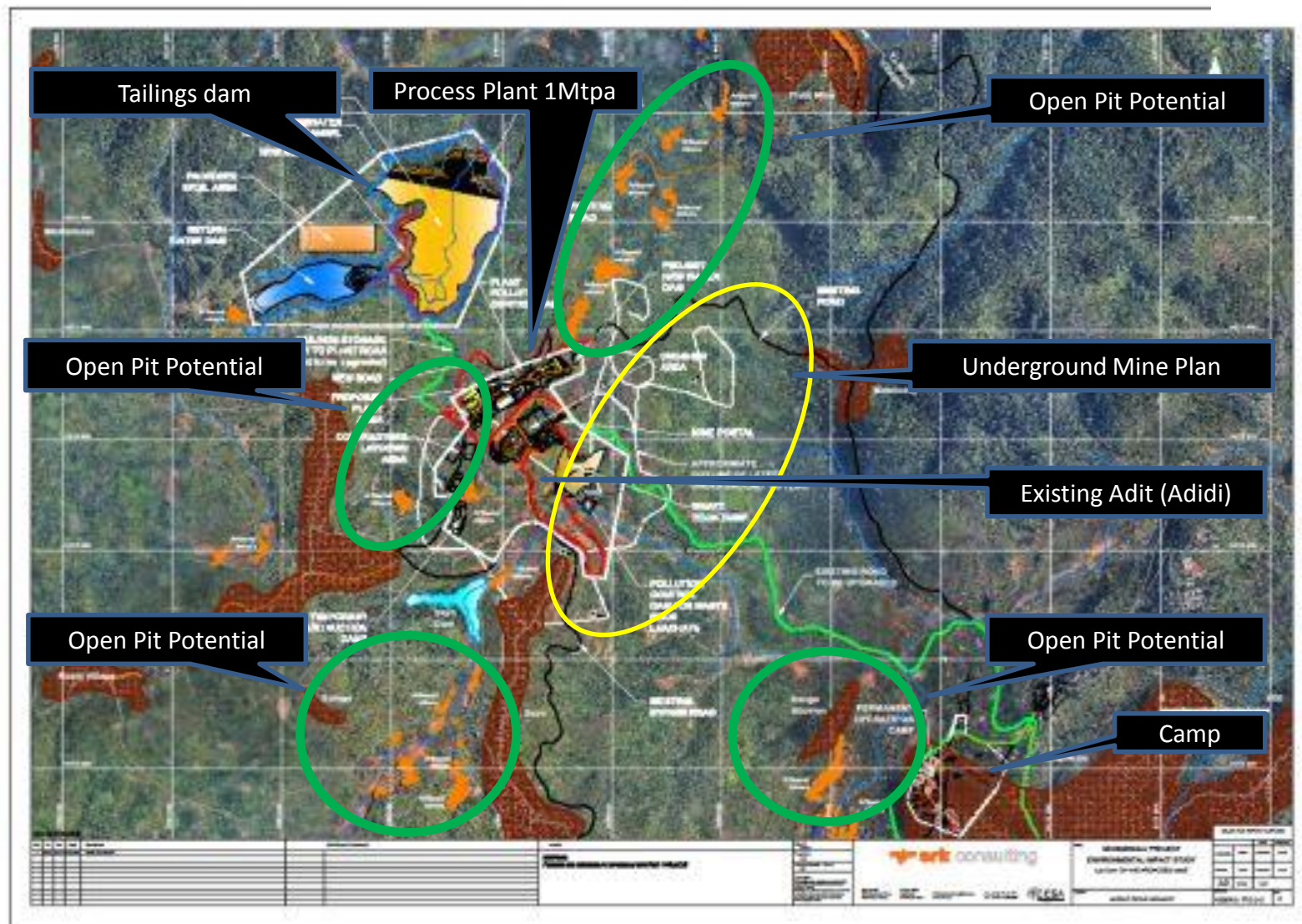
4. Future Studies

- Open Pit Study to exploit material not in the underground mining model
- Near mine historical mining areas on permit (PE5105)
- Near mine historical areas off permit (PE5105)

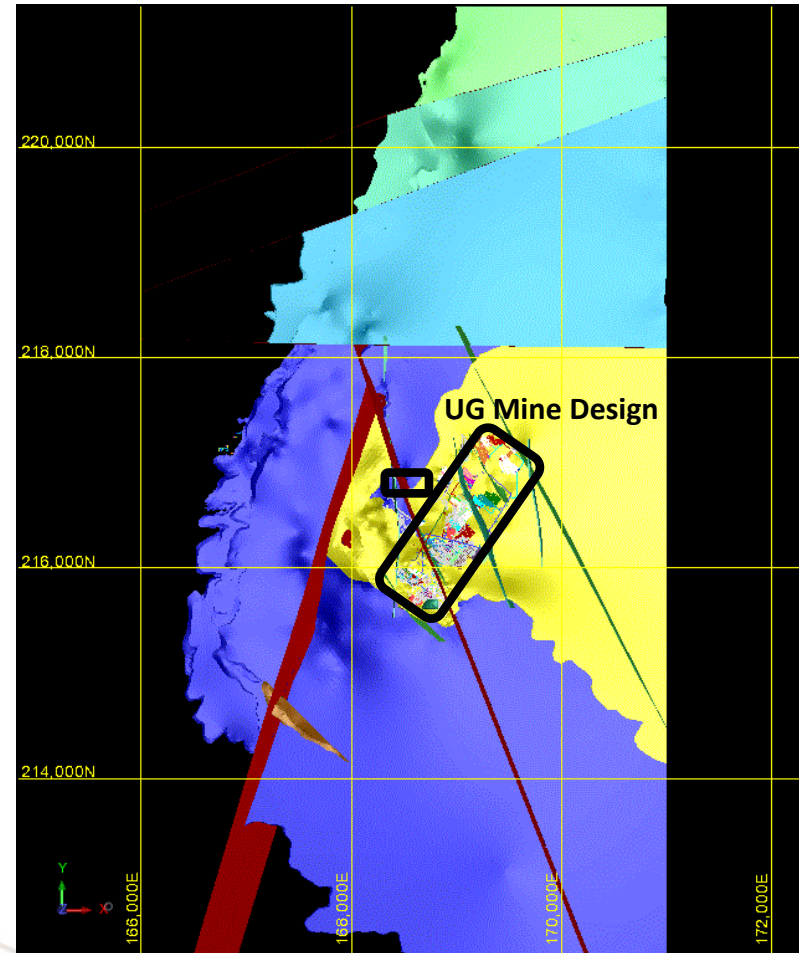
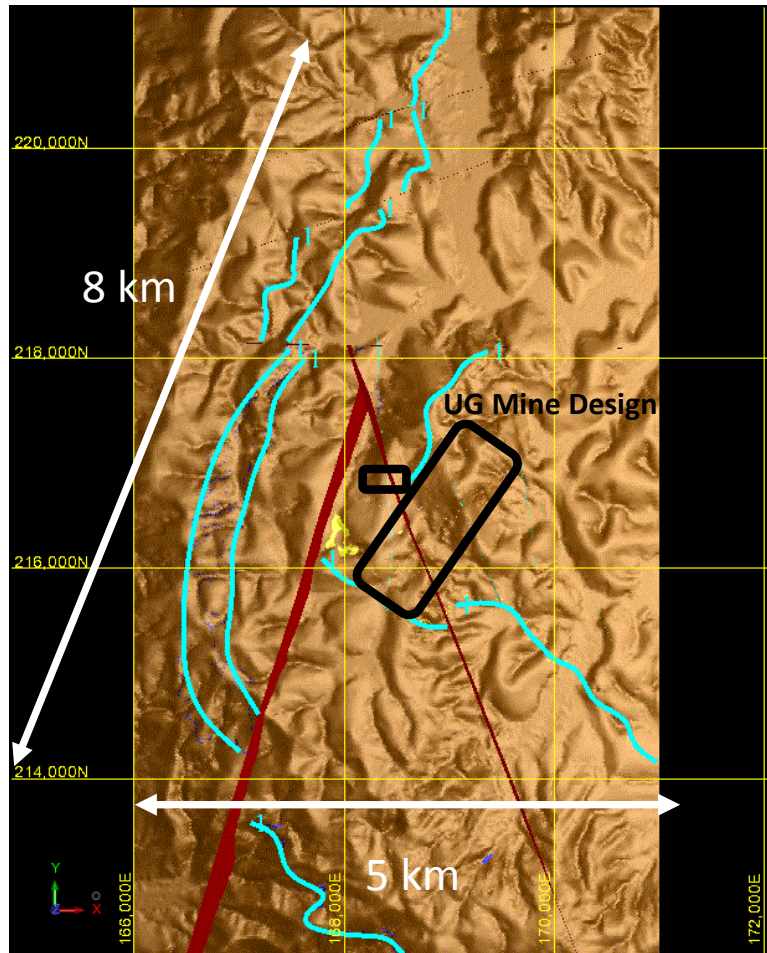
Adidi-Kanga Location



Adidi-Kanga Site Layout



Outcrop of Gold hosting mylonite/shear

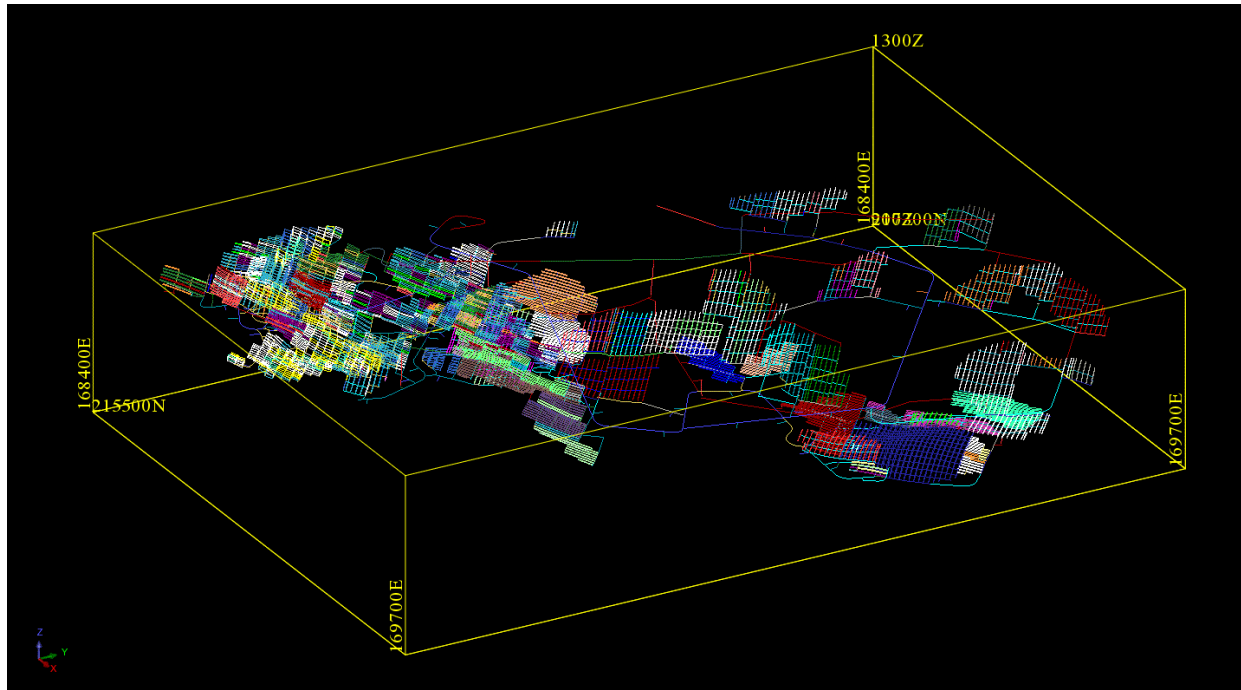


Advanced CIL Process Plant Design

- An advanced level of engineering already completed by AGA
- 1 Mtpa CIL Plant designed by AGA
- Plant design previously at procurement level of confidence
- Opportunity to commence earthworks early given advanced level of design
- EIA Permitted Comminution circuit same for CIL & Gravity – one less mill for 40ktpa
- Process optimised and designed by previous owners – Issued for Construction (IFC) level of design
- Process Designed for Modular Construction and future size upgrades



Underground Access / Mine Design



Adidi-Kanga Site Photos



115 containers at site



Core Yard



Adidi-Kanga Camp



Orebody

Proven Technical Resources



Simon Youds, Chief Executive Officer

- B.Eng (Hons), M.Bus - +20 years experience working in the mining industry in Africa, Asia and Australia
- Proven ability to manage the development of African gold mining projects from exploration to production (inc. Bibiani, Bulyanhulu and North Mara Gold Mines)

Andrew Steers, CFO & Company Secretary

- B.Comm (Hons), CA. ICAANZ - +15 years experience working in the mining and resource sectors in Australia and Africa
- Former Group Finance Manager and Company Secretary of TSX listed Moto Goldmines Limited – primary asset the Kibali Gold Mine in the DRC, who facilitated the sale to Randgold Resources and Anglo for C\$490 million

Peter Stockman, Chief Geologist

- Competent Person - JORC Code - significant African exposure – DRC/Tanzania/Ghana/Sierra Leone/Zambia/Rwanda
- Exploration, development and mining experience across more than 15 gold projects

Chris O'Brien, Project Director

- B.Geo, Dip. Mining Eng, MBA - former Newmont Mining's Regional Project Director & Advisor for Mining & Projects
- Engineer with significant project study and delivery experience – large focus on gold projects

Dale Richards, Resource Geology Manager

- BSc. Hons, Grad. Dip. Mining Eng - former VP. Business Development Gold One Ltd, seconded to Baiyin Nonferrous – M&A Africa
- Geologist with significant technical project due diligence experience - focus on Africa Gold terrains.

Philip Beaven-Davis, Operational and Corporate Readiness

- CIPD, HR Dip and 25+ years of HR and corporate experience
- Significant exposure to large scale mining projects (Aust & Africa) – former HR Director for CITIC Pacific Mining and Regional HR Director Barrick Gold Corporation

Nick Hunt-Davies, DFS Mining Lead

- BSc Mining, ACSM, MBA, and currently Director of own Mining Consultancy since 2010. FIMMM and FAusIMM.
- Mining Professional with many years in Africa in senior operational, technical and project roles. Major focus is gold, both underground and open pit.

Contact Vector

For further information please contact:

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Chief Executive Officer

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Twitter: [@VECResources](https://twitter.com/VECResources)

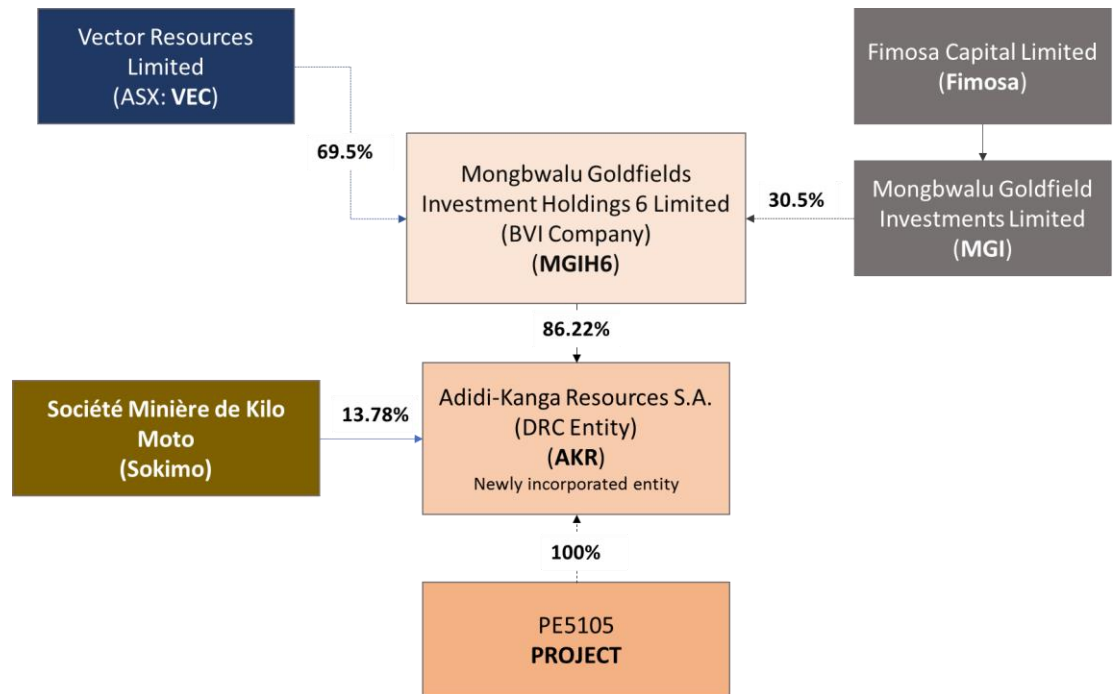
Facebook: [@VECResources](https://www.facebook.com/VECResources)

Appendices



Structure of Adidi-Kanga Acquisition

- Vector to acquire 60% interest through acquisition of 69.5% of the JV vehicle - **MGIH6**
- AKR – local DRC vehicle to own and operate project (JV between MGIH6 and SOKIMO)
- Currently finalising CP's relating to Share Sale & Purchase and Shareholders Agreements (refer ASX Announcement 24 July 2018)



Compensation / Obligations for Adidi-Kanga Acquisition



Key components include:

- 1. Deal Completion** – Vector to pay:
US\$5m (cash) + US\$5m Vector Shares (A\$0.022 per share)
Vector retains option to pay US\$10m in cash
- 2. Positive Decision to Mine** – Vector to pay:
US\$5m (cash) + US\$5m Vector Shares (10 day VWAP, 5 days prior and 5 days subsequent)
Vector retains option to pay US\$10m in cash
- 3. Commencement of Commercial Sales** – Vector to pay:
US\$5m (cash) + US\$5m Vector Shares (10 day VWAP, 5 days prior and 5 days subsequent)
Vector retains option to pay US\$10m in cash

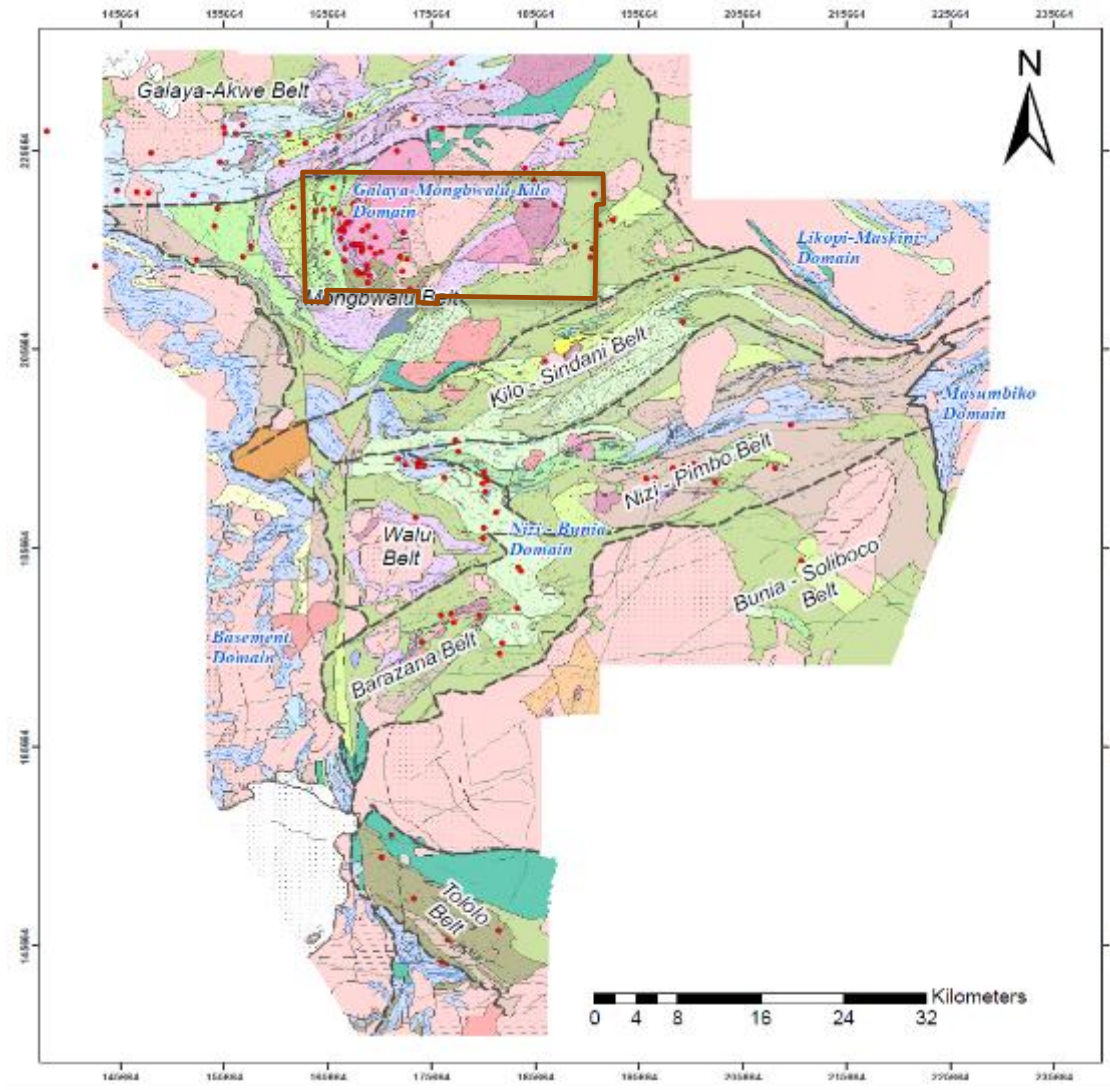
- 4. DFS Obligation** – Vector to fund US\$10m for the completion of the DFS via shareholder loan.

On repayment of this shareholder loan, \$0.70 of each \$1.00 (or 70%) repaid is to be paid to the Vendor (as deferred compensation) up to a maximum of US\$5m (deferred compensation component)

- 5. Development Obligations** – Vector to fund first US\$110m of development costs via shareholder loan.








On repayment of shareholder loans, \$0.70 of each \$1.00 (or 70%) repaid is to be paid to the Vendor (as deferred compensation) up to a maximum of US\$55m (deferred compensation component)

Adidi-Kanga Geology

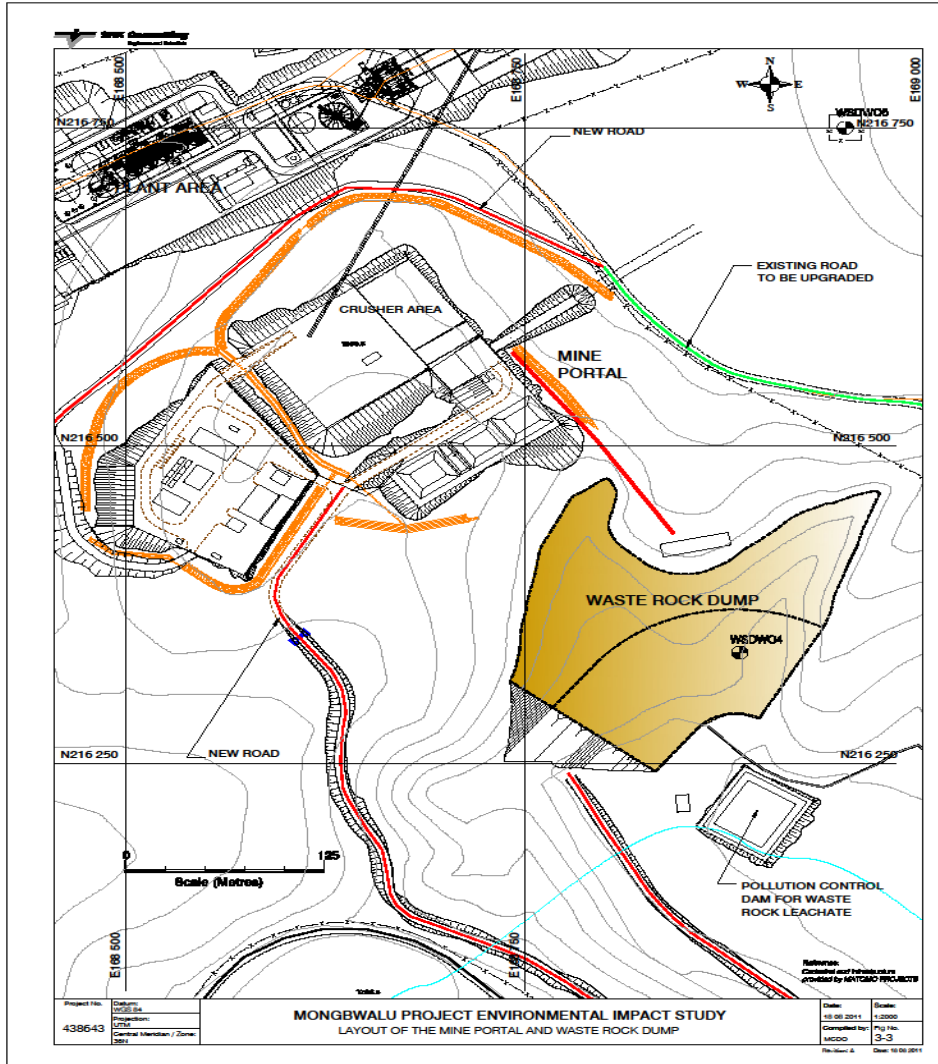


Legend

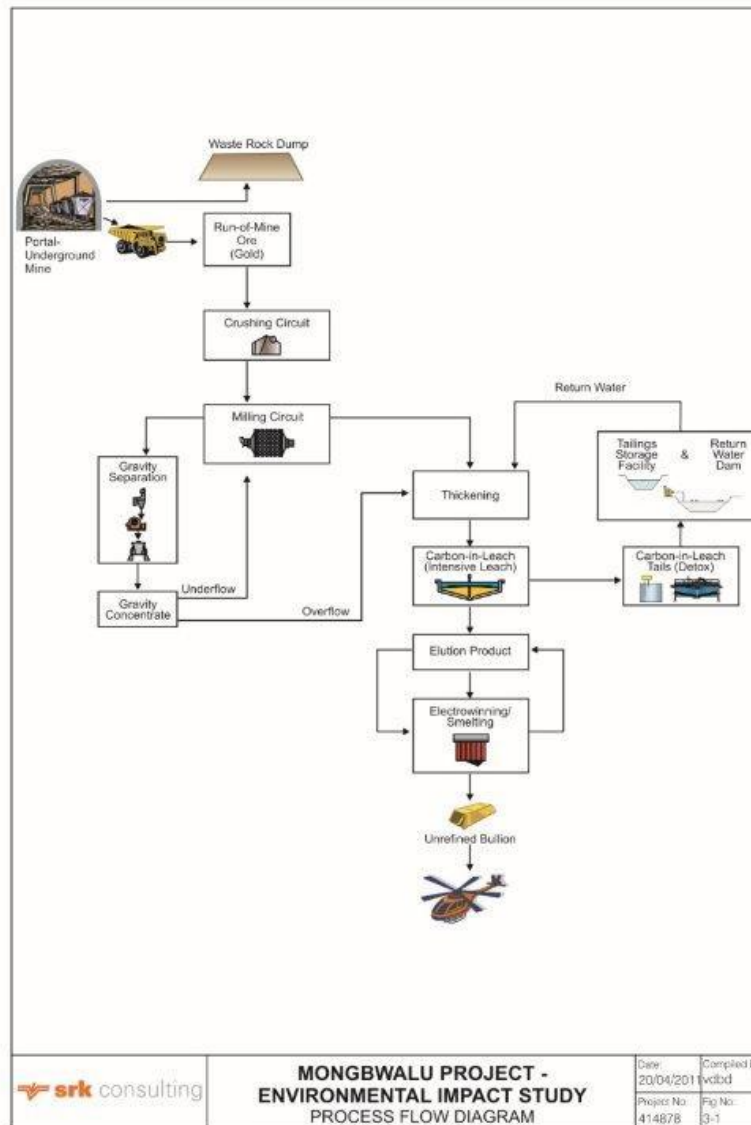
KILO Geology

-  Valtic Volcanic
-  Valtic Volcanic (Basalts?)
-  Amphibolite
-  Intermediate Volcanic
-  Basalt (Eo-cambrianic bands)
-  Basalts (Achilles)
-  Valtic Volcanic (=magnetic interbeds)
-  Brecciated sandstone
-  BIF
-  BIF (S. Isotaxitic facies)
-  BIF (S. Isotaxitic facies)
-  Valtic schist
-  Felsite Volcanic
-  Granitoid
-  Granitoid (disseminated signature)
-  Granitoid (disseminated mag. signature)
-  Granitoid (disseminated mag. signature)
-  Granitoid/Granitoid (strong mag. signature)
-  Metasedimentary (high red. sign.)
-  Metasedimentary (high. reddistant mag. sign.)
-  Arkositic quartzite
-  Ultramafic rock (komatiite)
-  Talc Chertic Schist (komatiite)
-  Dunitic-pendolitic/iron cumulate
-  Chlorite spinifex texture (komatiite)
-  Gabaropyroxenite
-  Silicified rock
-  Sericite-quartz-feld. schist
-  Valtic schist (post-felsite-chlorite schist)
-  Valtic schist (EM interp.)
-  Carbonate-sed.-conglomerate schist
-  Pelitic Mylonite Zone
-  Major Quartz Vein
-  Trachyte Intrus. var. Tertiary
-  Trachyte Intrus. var. Tertiary
-  Lukuga System
-  Diabase-granodiorite complex
-  Mongbwa/Deris complex
-  Diabase-granodiorite complex (flow mag.)
-  Granodiorite (th. belt)
-  Monzogranite/Elbathic Granitic
-  Granitic Gneiss
-  Gneissite
-  Tonalite
-  Chertic Carbonate Schist
-  Chertic Carbonate Schist (high. radiometric signature)
-  Meta-andesite
-  Meta-andesite
-  Metasediment undifferentiated
-  Metasedimentary (actinolite)
-  Andalusite schist
-  Metasedimentary (iron-rich schist)
-  Metasedimentary (serpentine schist)
-  Graphitic carbonaceous
-  U. Is. (into bands of metased.)

Portal and Waste Rock Dump

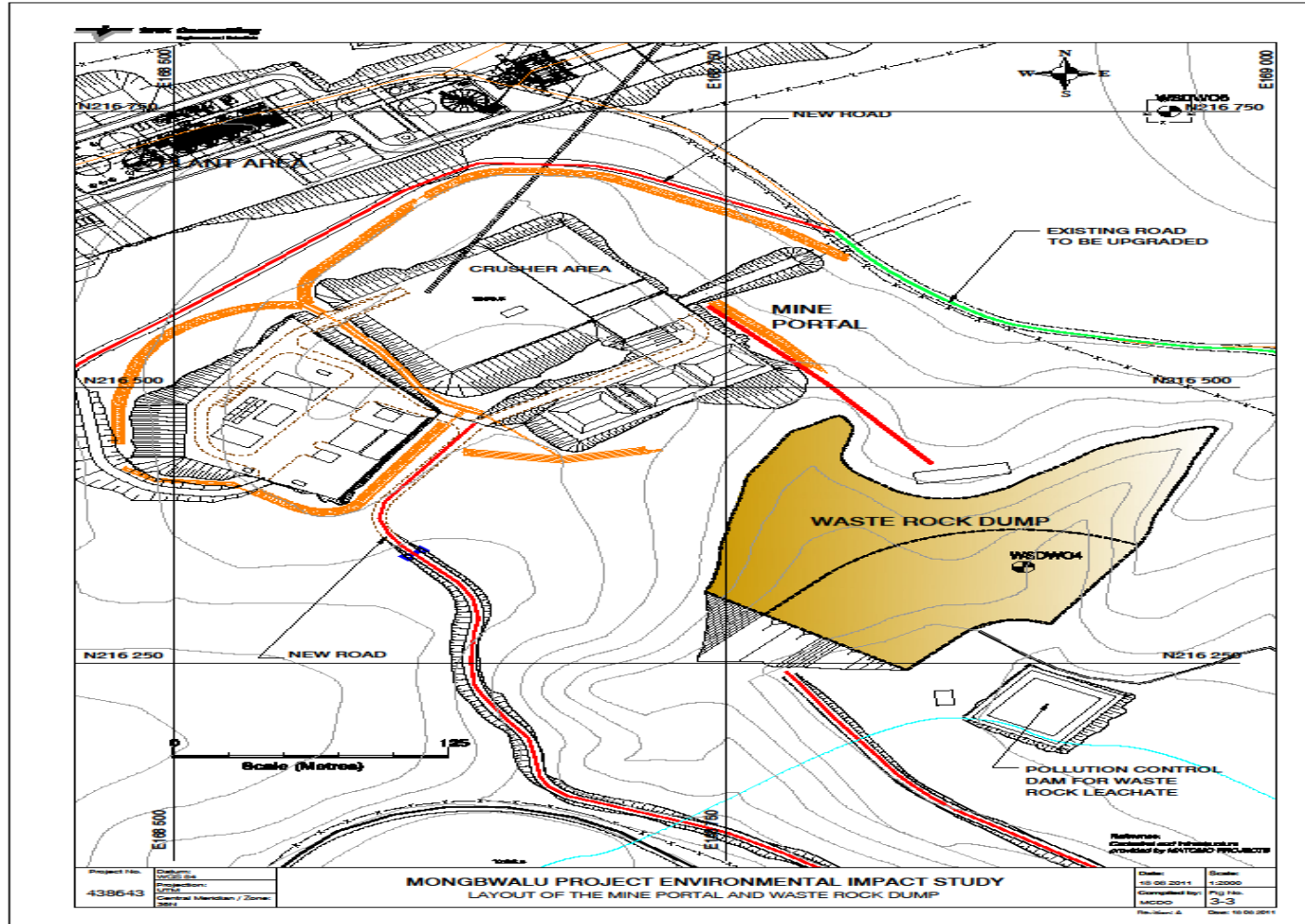


Process Flow Diagram



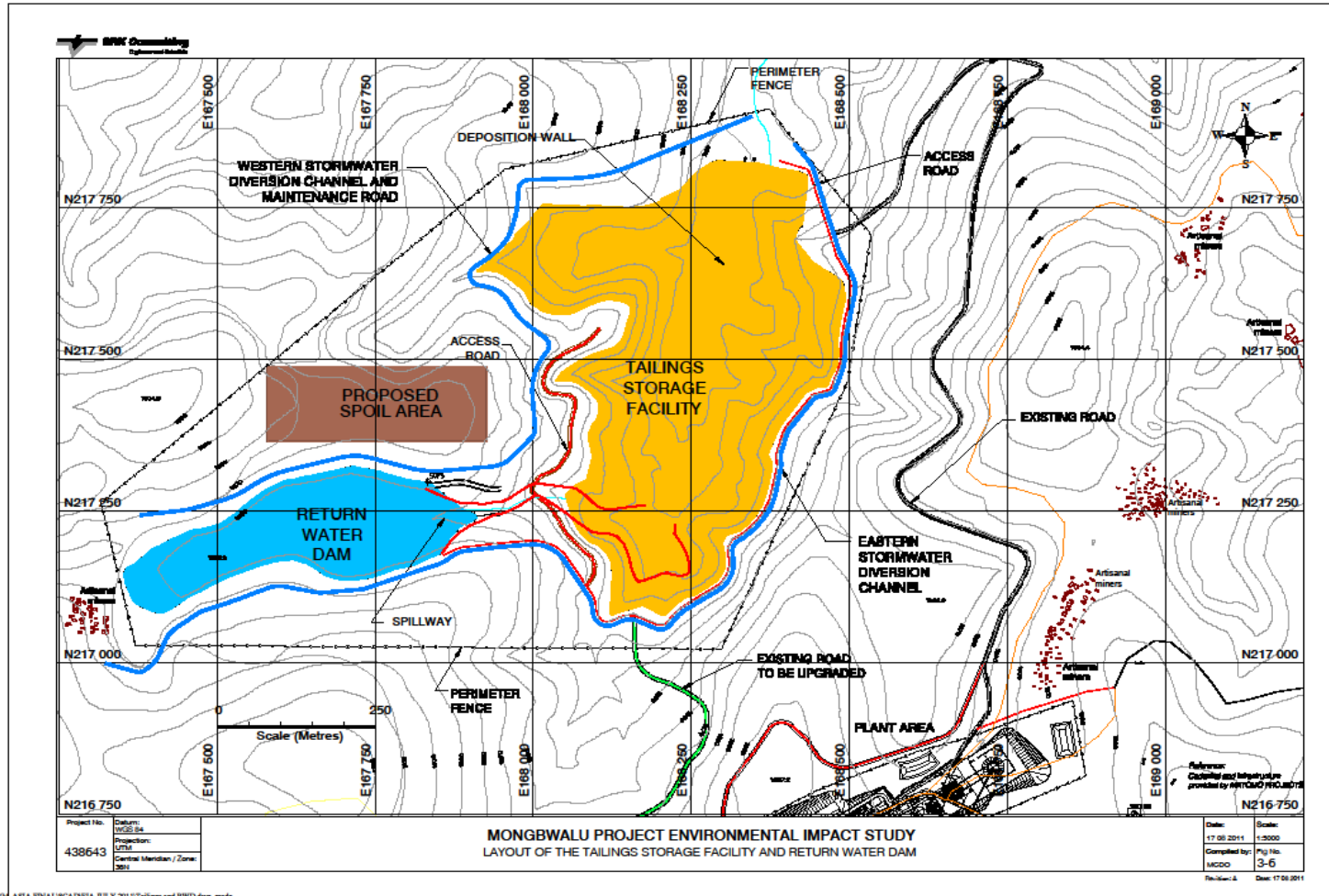
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Process Plant Layout



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Tailings Dam and Return Water Dam



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