



ASX Announcement 31st July 2019

Activities Report for the Quarter Ending 30th June 2019

- Company is progressing its Cosmo Newbery Project
 - Company has completed detailed interpretation of aeromagnetic data at Cosmo Newbery which has created a much improved understanding of the geology and has identified several targets for detailed exploration
 - This Interpretation has also highlighted the geological similarities of the Cosmo Newbery area to the Dorothy Hills Greenstone Belt hosting the 6M oz Gruyere Deposit.
- The Company is in discussions to acquire new projects Africa.

1. COSMO NEWBERRY GOLD PROJECT (3D RESOURCES 100% EXCEPT E38/2274 3D RESOURCES 75%)

The company commissioned Southern Geoscience Consultants ("SGC") to undertake an interpretation of newly acquired Airborne Magnetic Survey of the Cosmo Newbery licenses. This data set was a lot more detailed than previously studied as it had been flown on 200m line spacing whereas earlier work had relied on government geophysical data flown on a 400m line spacing. This has enabled the Company to refine its geological interpretation with several new geological units identified as well as a significant number of additional faults picked up by the detailed geophysics. This enabled the area to be mapped on a semi-detailed basis at a scale of 1:50,000.

As a part of this interpretation, the Company also had SGC compare the geological interpretation of the Cosmo Newbery Greenstone belt with that of the neighbouring Dorothy Hills Greenstone belt that hosts the 6Million ounce Gruyere Deposit discovered by Gold Roads. This was aimed at assisting SGC to generate exploration targets of a similar nature in this largely sand covered greenstone belt.

SGC noted that the overall similarities of the geology of the two areas were remarkably close with strong similarities in granite /greenstone morphologies, greenstone belt size/volume and composition. Structural styles are also comparable. In presenting their views they provided a map of the two areas at the same scale (Figure 1)

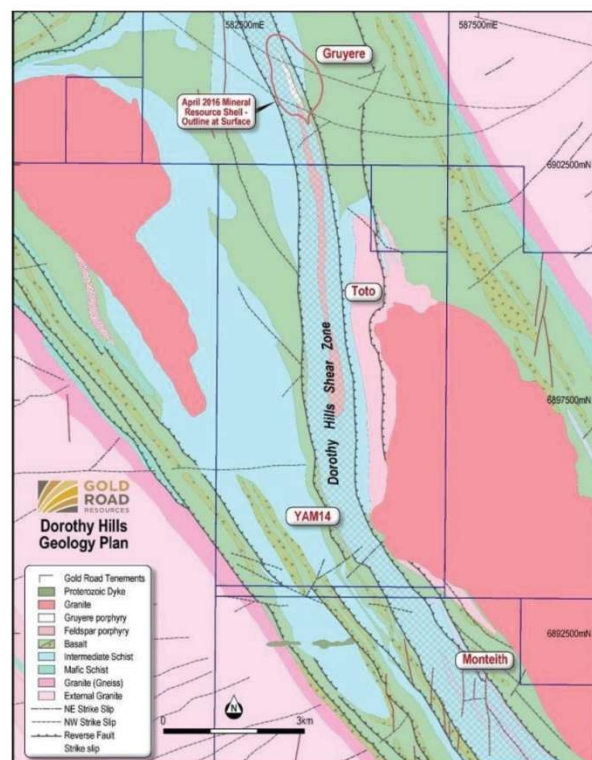
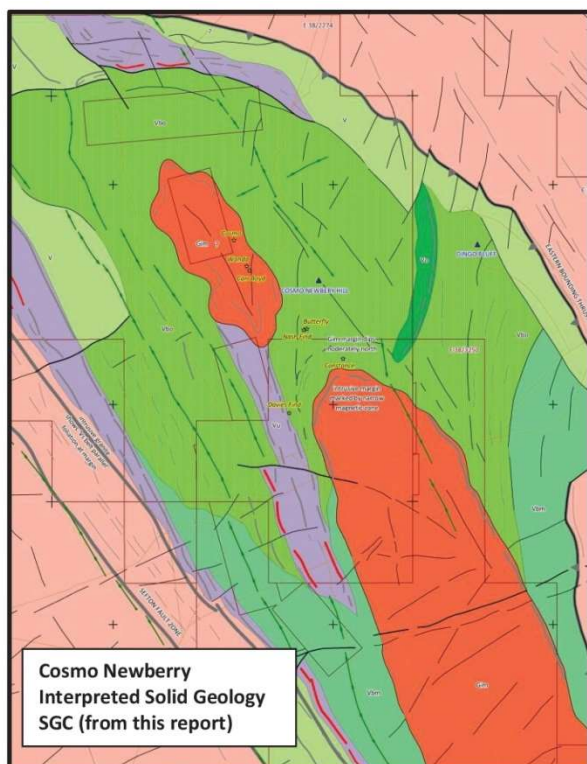


Figure 1 SGC comparison of the geology of Cosmo Newberry (left) with that of the Dorothy Hills Greenstone with location of Gruyere (Right)

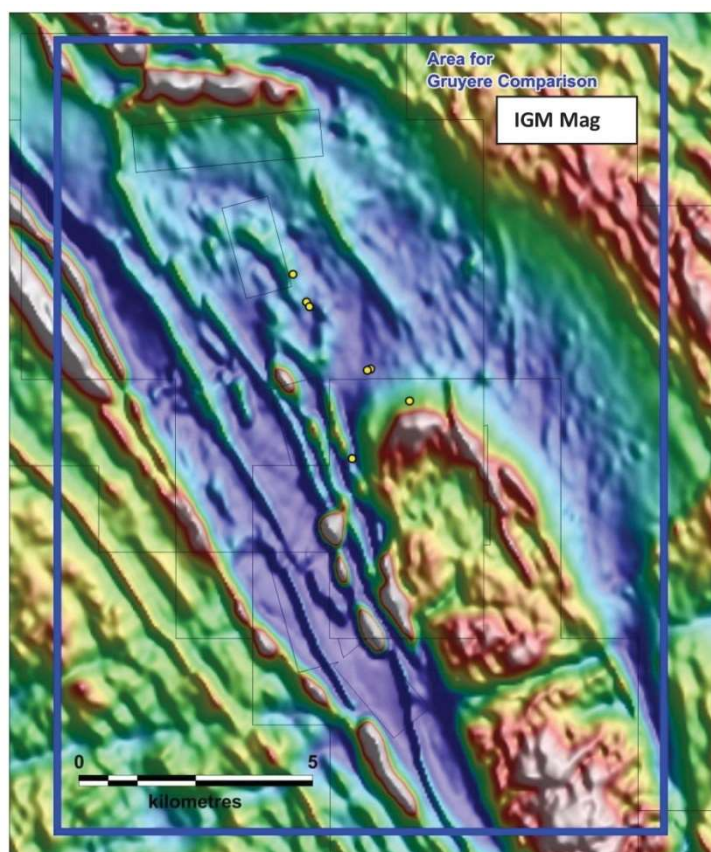


Figure 2 Showing Magnetic imagery and some known gold occurrences at Cosmo Newberry(gold dots)

These targets were prioritised and are summarized in Table 1 and include general areas of high exploration interest as well as specific structural targets that have been identified in the magnetic interpretation as possible structural hosts for gold deposits.

Table 1. Targets Identified by Southern Geoscience Consultants

Target ID	MGAz 51 East Centroid	MGAz 51 North Centroid	Description	Priority
GENERAL AREAS OF EXPLORATION INTEREST				
AOI 01	484331	6914490	Pronounced flexure in bounding fault of CN greenstone belt. Bounding fault inferred from GSWA mapping is shallow SW dipping shear zone. Magnetic (likely ultramafic) rocks at/near faulted margin are segmented by numerous 2nd order, oblique fractures.	VERY HIGH
AOI 02	480509	6911667	Inferred ultramafic belt intruded and deformed by late granite in proximity to 'Sefton Fault Zone'. Some evidence of 2nd order faults. Includes specific targets miT05 and miT06.	HIGH
AOI 03	488994	6903647	Inferred ultramafic belt intruded by late granite. Includes some high intensity magnetic units, and 2nd order fractures. The belt could also possibly be a mafic/ultramafic sill- ?Mt Venn-type targets??	HIGH
AOI 04	488526	6899370	Inferred ultramafic belt at granite/ greenstone margin, under influence of Sefton Fault Zone and having several, well defined cross-cutting faults. Includes target miT14.	HIGH
AOI 05	491910	6894702	Discrete bend/ jog in Sefton Fault Zone involving mafic and likely ultramafic rocks, and a major cross-cutting fault. Includes target miT15.	HIGH
AOI 06	497468	6892997	Inferred ultramafic and mafic belts intruded/ truncated by late granite in proximity to the eastern thrust contact with granite. Includes specific target miT16	HIGH
AOI 07	503062	6883983	Southern termination zone of CN greenstone belt where Sefton Fault cuts off the eastern thrust. The jog in the Sefton Fault Zone would be a releasing bend under sinistral movement.	Moderate
AOI 08	498112	6881441	Possible remnant greenstone zone enclosed by massive granite, and possibly underlain by late discrete granite. High mag intensities and reasonable volume of ? greenstone in the AOI.	Low

SPECIFIC TARGETS				
miT01	476695	6921163	NE shoulder of late intrusive granite. Likely greenstone contact, theoretical dilatant zone under sinistral shear.	Low
miT02	479620	6918749	Cross-cutting faults/ terminations in narrow mafic and likely ultramafic belt between late granite and eastern bounding thrust.	Moderate
miT03	481751	6915545	Part of bend zone in eastern bounding thrust with focused cross-cutting faults in mafic and ultramafic belt.	HIGH
miT04	486082	6913014	Part of bend zone in eastern bounding thrust. Dilatant 'releasing bend' under sinistral shear. Brittle EW fault through mafic and ultramafic belt.	HIGH
miT05	480013	6912739	Inferred ultramafic belt intruded and deformed by late granite in proximity to 'Sefton Fault Zone'	HIGH
miT06	480892	6910482	Late cross-cutting fault through ultramafic belt adjoining Sefton Fault Zone.	Moderate
miT07	487242	6909310	NE shoulder of small, late intrusive granite. Theoretical dilatant zone under sinistral shear. Includes Cosmo and Wanda gold workings.	Moderate
miT08	491838	6909367	NNE fault linking to eastern bounding thrust and truncating gabbro unit. Compressive fault under sinistral shear.	Low
miT09	483899	6906062	ENE fault linking to Sefton Fault Zone in ultramafic belt.	Low
miT10	491222	6905017	NE shoulder of main, late intrusive granite. Theoretical dilatant zone under sinistral shear.	Moderate
miT11	496011	6903912	NE fault off-setting eastern bounding thrust. Compressive fault under sinistral shear.	Low
miT12	488835	6903359	WNW fault cutting inferred ultramafic belt and linking to late intrusive granite contact.	HIGH
miT13	489693	6901263	zone of cross-cutting faults in ultramafic belt near late granite contact.	Moderate
miT14	488985	6899054	Strong EW and NE cross-cutting faults through mafic and ultramafic rocks adjacent to Sefton Fault Zone.	HIGH
miT15	493033	6894677	?late EW fault producing jog in Sefton Fault Zone at granite/ greenstone contact	HIGH
miT16	498113	6892822	Discrete, local mag anomaly (650m long), at southern margin of late granite intrusion and adjacent to eastern bounding thrust.	Moderate
miT17	498667	6888421	Weak cross-cutting fractures in ultramafic unit at Sefton Fault Zone contact.	Low

Following the end of the quarter the Company understands that agreement may have been reached between the various Aboriginal Land claimants at Cosmo Newbery. If correct, this would be a positive sign that matters are progressing and formation of a body corporate to administer the Aboriginal Reserve may be expected later this year. This would then allow 3D Resources to negotiate a new access agreement to the Cosmo Newbery area.

2. HALLS CREEK JOINT VENTURE (3D RESOURCES 80%)

The company has been in discussions to acquire neighbouring project opportunities that may complement the Mt Angelo North Copper project. These discussions are ongoing. Field work on the Mt Angelo North deposit has been delayed due to the absence of IP crew in the area but an opportunity to undertake a DGPR survey in August /September has arisen.

3. CORPORATE

The company has been presented with several gold and copper opportunities in Africa that it can potentially acquire or joint venture. These are largely advanced exploration opportunities that create the potential for the Company to lend its expertise to advance the projects through to development. The company plans to progress these discussions over the next quarter.

4. TENEMENTS

Project and Location	Tenements Held At Commencement of Quarter	Tenements Acquired or Disposed of During Quarter	Beneficial Interest at End of Quarter	Notes
Halls Creek Joint Venture, East Kimberly WA	M80/247,	No Change,	80%,	Retained resources in Mt Angelo North Deposit
Cosmo Newbery, Laverton WA	E38/2274, E38/2627, E38/2774 E38/2851	No Change, No Change, No Change, No Change	75% 100% 100% 100%	Awaiting new native title group to merge with Yilka and form a new body corporate in order to finalise new agreement for full long term access.

Information in this "ASX Announcement" relating to Exploration Results and geological data has been compiled by Mr. Peter Mitchell who is a Member of the Australian Institute of Mining and Metallurgy and is Managing Director of 3D Resources Ltd. He has sufficient experience that is relevant to the types of deposits being explored for and qualifies as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code 2012 Edition). Peter Mitchell has consented to the release of the announcement.

For Further Information, Contact

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