



NAVIGATOR RESOURCES LTD

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GOLD HITS IN THREE NEW AREAS, LEONORA

Navigator Resources Limited (ASX:NAV) is pleased to announce encouraging reconnaissance drill intersections from three separate new locations extending over an 8km strike length of the Eastern Shear (Mertondale Shear zone) at its 100%-owned Leonora gold project (Figure 1).

Drill results, summarised in Table 1, include:-

11m at 7.01 g/t gold from 32m, 600m north of the Mertondale 3_4 open pit

4m at 6.0 g/t gold from 20m, 1.5kms north of the Mertondale 3_4 open pit (prelim)

3m at 3.30 g/t gold from 40m, and
1m @ 12.12 g/t gold from 82m, located 8km north of the Mertondale 3_4 open pit.

The aircore drill intersections result from step-out testing of several gold-arsenic geochemical targets identified along the Mertondale Shear zone, which has an overall strike length of 30kms (eastern and western shears, Figure 1).

The drilling form part of an extended aircore drill program aimed at increasing the number of work areas (discoveries) for resource delineation drilling. This will enable a rapid expansion of the current 870,000 oz gold resource, and an earlier commencement of mining. The results are exciting and strengthen the view that the gold potential at Leonora is only starting to be unlocked.

The results are significant as they were obtained in new areas on a wide 200m x 40m, or 100m x 40m, reconnaissance spacing. Further drilling is needed to assess the geometry and potential of the results.

Background

A review of the effectiveness of historical drilling along the Mertondale Shear indicates that much of this drilling has been ineffective, other than for outlining promising geochemical targets.

Large parts of the Mertondale Shear are covered by 10m to 20m of transported Permian sediment which limited the effectiveness of historical soil sampling and shallow drilling (sub 20m), which were instrumental in discovering the Mertondale 3_4 and 5 deposits in the late 1980's. Bedrock exposure is limited to 20-30%.

Historical drilling in areas of transported cover was mostly completed on wide-spaced (200m to 400m) reconnaissance drill lines at set depths of 15m or 30m. Much of this drilling terminated in the leach zone of a 50-100m thick, deeply weathered regolith, and although not effective as

a test for mineralisation, many drill holes defined a number of significant gold-arsenic targets for follow-up drilling.

Discussion of Results

The intersection in the Mertondale 3_4 north area is located in a previously untested structural position 600m north of the Mertondale 3_4 open pit (historical production of 1.3Mt at 4.3g/t gold, Figure 1) and is open along strike. Historical drilling north of the open pit may be located too far to the east. The drill intercept is located on a sheared felsic porphyry-mafic contact with pyrite, silica and quartz-carbonate alteration, and locally developed mylonite textures. Mineralisation at the north end of the Mertondale 3_4 open pit was terminated by an east-west trending Proterozoic dyke.


Drilling in the Mertondale 5 East area targeted a gold-arsenic anomaly located on a sheared felsic-mafic contact 8km north of the Mertondale 3_4 open pit. Drilling to date indicates at least 1km of strike potential.

Next Steps

Follow-up aircore drilling is in progress to test the orientation, continuity and economic significance of the intersections.

Table 1: Significant Reconnaissance Aircore Drill Intersections								
Hole ID	Easting (m)	Northing (m)	3.0 g/t Cutoff			1.0 g/t Cutoff		
			From (m)	To (m)	Intercept (g/t Au)	From (m)	To (m)	Intercept (g/t Au)
NMAC433	358060	6829400	40	43	3m at 20.73 g/t	32	44	11m at 7.01g/t
NMAC570	358200	6830300	20	24	4m at 5.95 g/t	20	24	4m at 5.95 g/t
NMAC324	358160	6835927	43	44	1m at 7.86 g/t	41	44	3m at 3.30g/t
NMAC305	357880	6836937	82	83	1m at 12.12 g/t	81	84	3m at 4.62g/t

NB: Analyses by 50g Aqua Regia/AAS finish; grades uncut; all drill holes drilled 60° west; Intercepts represent down hole lengths; mineralisation geometry not yet known
Coordinates in GDA94 Zone 51; Assay results for NMAC570 are preliminary



Managing Director

The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled by Mr Ben Pollard and Mr Tom Sanders who are Members of the Australasian Institute of Mining and Metallurgy. Mr Pollard and Mr Sanders are full time employees of Navigator Resources Limited and have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity undertaken to qualify as a Competent Persons as defined in the 2004 Edition of the “Australian Code for Reporting of Mineral Resources and Ore Reserves”. Mr Pollard and Mr Sanders consent to the inclusion in this report of the matters based on information in the form and context in which it appears. Mr Pollard and Mr Sanders are shareholder in Navigator Resources Ltd.

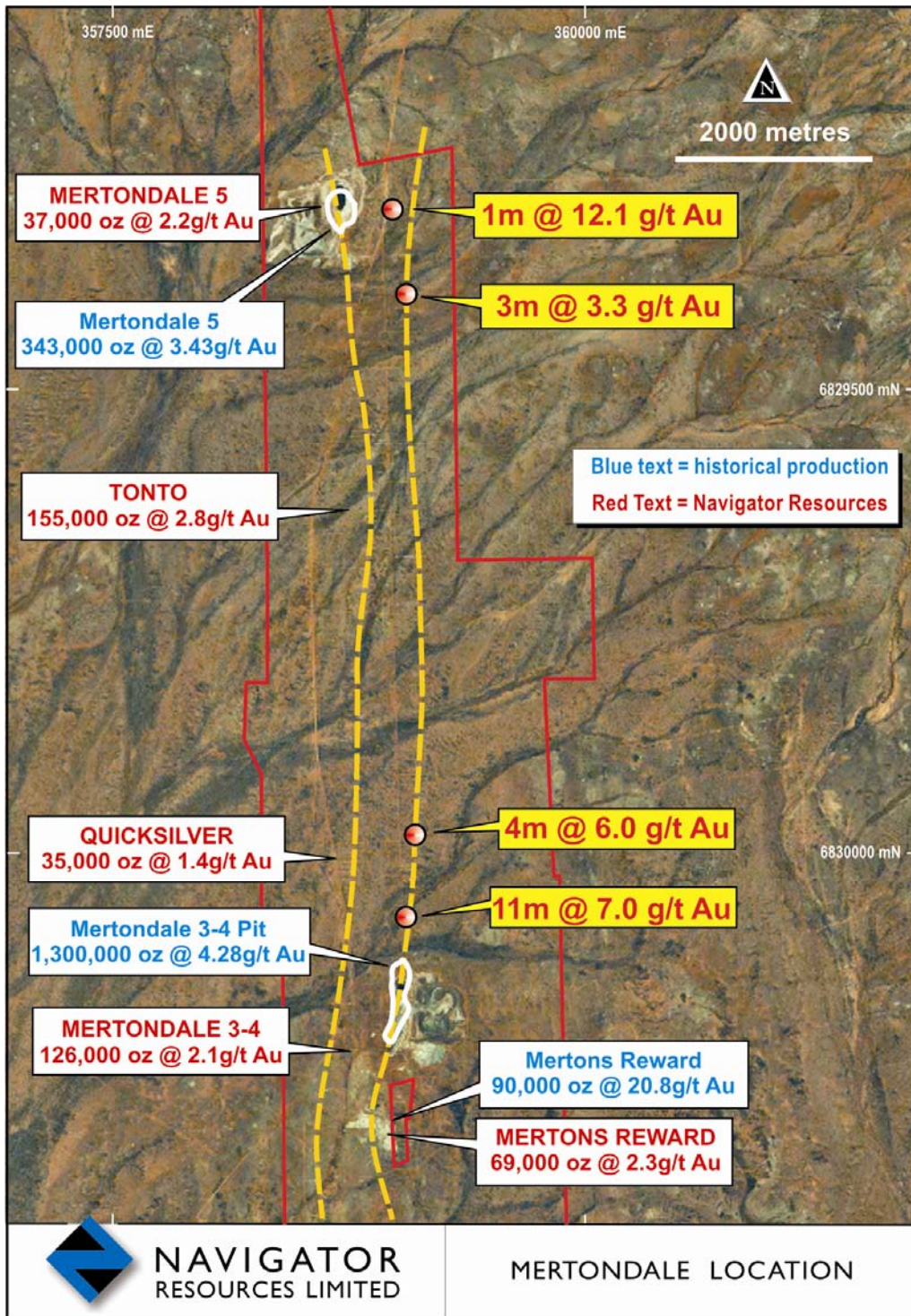


Figure 1