

ASX Announcement

12 July 2012

Navarre Minerals Limited

ABN 66 125 140 105

ASX Code: NML

Corporate Details

Issued capital:

55.8M ordinary shares

2.37M unlisted options

Directors & Management:

Kevin Wilson

(Non-Executive Chairman)

Geoff McDermott

(Managing Director)

John Dorward

(Non-Executive Director)

Colin Naylor

(Non-Executive Director)

Jane Nosworthy

(Company Secretary)

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High-grade gold hits in first diamond hole at Tandarra

- **Multiple high-grade gold intercepts recorded in first diamond hole, DDT001. Best intercepts of 1.3m @ 18.1g Au/t from 20.1m down-hole includes 0.7m @ 28.6g Au/t and 0.5m @ 10.5g Au/t from 36.9m**
- **Further broad zones of gold mineralisation returned from Tandarra RC drilling including: 7m @ 3.0g Au/t from 54m down-hole in RCT097; 23.0m @ 1.0g Au/t from 58m in RCT096; and 26.0m @ 1.0g Au/t from 20m in RCT051**
- **Tandarra drill results continue to demonstrate significant shallow gold mineralisation**

Gold and base metals exploration company Navarre Minerals Limited (ASX Code: NML) today reports multiple zones of high-grade gold mineralisation between 20.1m and 49.2m down-hole in diamond drill hole DDT001 at the Tandarra prospect, part of the Bendigo North Project, located 40km north of Bendigo, Victoria, Australia (Figure 1).

Initial results from DDT001 recorded the following shallow high-grade drill intercepts from within a down-hole interval of 29.1m, which includes several zones of core loss as a result of drilling action through soft, weathered, near-surface rock:

- 1.3m @ **18.1g** Au/t including 0.7m @ **28.6g** Au/t from 20.1m down-hole
- 0.8m @ **5.6g** Au/t from 35.7m
- 0.5m @ **10.5g** Au/t from 36.9m
- 0.7m @ **3.6g** Au/t from 45.1m

(see Table 1 & Figures 2 & 3 for further information on these results)

These initial results are from the first diamond drill hole completed on the Tomorrow line of reef. Further assay results are awaited from this hole and a further six diamond holes.

DDT001 is located 60 metres north of the discovery air-core drill hole ACT015 which returned a result of 10m at 34.4g Au/t from a depth of 37m below surface (see ASX release 3 June 2011 & Figure 2).

DDT001 is the first of a seven hole diamond drill program of 2,273 metres recently completed to provide geometry, rock type and structural geology information to assist building the geological model to support a resource estimation. "This result is further confirmation of the shallow gold bearing

quartz reefs we are discovering at this prospect,” commented Navarre managing director, Mr Geoff McDermott. “Logging of the diamond core has revealed further evidence of the similarities of the geological structure and gold bearing reefs under cover at Tandarra and the Bendigo Goldfield, 40 kilometres to the south.”

“Although the diamond drilling program was specifically designed to confirm structure for the geological model, the intersection in DDT001 is pleasing as it not only confirms the local structures, but also demonstrates some strong gold intersections within shallow distance from the surface,” Mr McDermott said.

Navarre also reports further broad zones of gold mineralisation occurring close to surface from reverse circulation (RC) drilling. New RC drill intercepts of note include:

- **7m @ 3.0g** Au/t, including **1m @ 14.9g** Au/t from 54m down-hole in RCT097 (Tomorrow line)
- **26m @ 1.0g** Au/t, including **14m @ 1.5g** Au/t from 20m in RCT051 (Tomorrow line)
- **23m @ 1.0g** Au/t, including **1m @ 5.7g** Au/t from 58m in RCT096 (Tomorrow line)
- **17m @ 1.0g** Au/t, including **1m @ 8.6g** Au/t from 83m in RCT095 (Tomorrow line)
- **8m @ 1.1g** Au/t, including **1m @ 7.3g** Au/t from 37m in RCT073 (Macnaughtan line)

(see map Figure 2 & Table 2)

“We are excited by these results from the recently concluded field season. We are pressing ahead with modeling the geology and will soon embark on the initial stages of conceptual mining studies, which will give us the preliminary economics of building a potential open pit mine. It is too early to pre-empt the results of the studies, but the diamond results have increased our confidence in the potential for a mineral resource while at the same time providing further evidence of high grades within broad zones of gold mineralisation.”

This field season Navarre has completed 21,420 metres of diamond, RC and air-core drilling. Further details of the Company’s activities will be provided in the upcoming quarterly activities report.

- ENDS -

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Competent Person Declaration

The information in this release that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Geoff McDermott, who is a Member of The Australian Institute of Geoscientists and who is Managing Director of Navarre Minerals Limited. Mr McDermott has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he is undertaking, 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’. Mr McDermott consents to the inclusion in the release of the matters based on his information in the form and context in which it appears.

Forward-Looking Statements

This announcement contains “forward-looking statements” within the meaning of securities laws of applicable jurisdictions. Forward-looking statements can generally be identified by the use of forward-looking words such as “may”, “will”, “expect”, “intend”, “plan”, “estimate”, “anticipate”, “believe”, “continue”, “objectives”, “outlook”, “guidance” or other similar words, and include statements regarding certain plans, strategies and objectives of management and expected financial performance. These forward-looking statements involve known and unknown risks, uncertainties and other factors, many of which are outside the control of Navarre and any of its officers, employees, agents or associates. Actual results, performance or achievements may vary materially from any projections and forward-looking statements and the assumptions on which those statements are based. Exploration potential is conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource. Readers are cautioned not to place undue reliance on forward-looking statements and Navarre assumes no obligation to update such information.

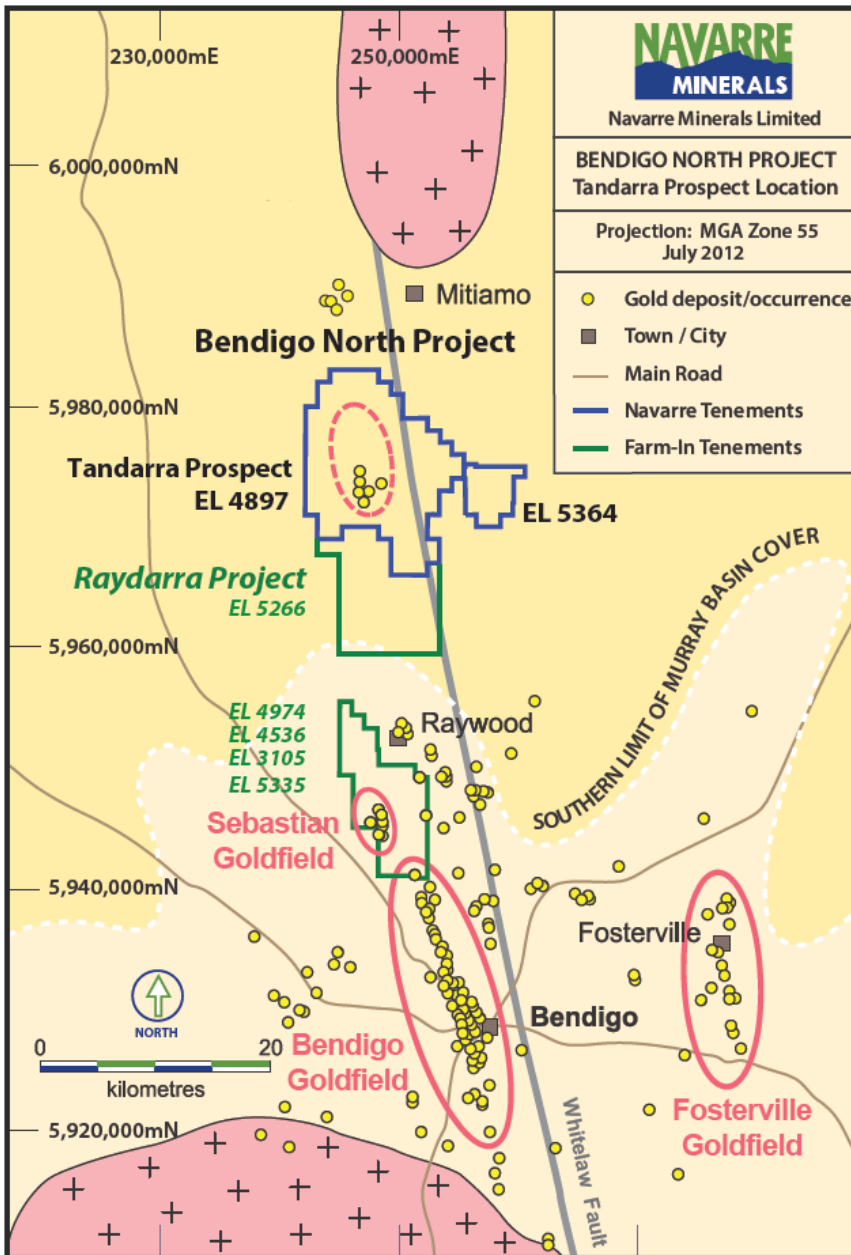


Figure 1: Location map of the Tandarra Prospect

TABLE 1: Initial Assay Results for Diamond Hole DDT001

HOLE ID	EASTING (MGA94)	NORTHING (MGA94)	DIP	AZIMUTH (MGA94)	FINAL DEPTH	FROM (m)	TO (m)	DOWN-HOLE INTERVAL (m)	GOLD (g Au/t)	COMMENTS
DDT001	246889	5972825	-55	270	151.2	20.1	20.7	0.6	6.0	
						20.7	21.4	0.7	28.6	
						21.4	24.8	3.4		Core loss
						24.8	24.9	0.1		Assay pending
						24.9	26.7	1.8		Core loss
						26.7	26.8	0.1		Assay pending
						26.8	27.9	1.1		Core loss
						27.9	28.0	0.1		Assay pending
						28.0	29.6	1.6		Core loss
						29.6	29.9	0.3		Assay pending
						29.9	30.5	0.6		Core loss
						30.5	31.4	0.9		Assay pending
						31.4	32.7	1.3		Core loss
						32.7	32.8	0.1		Assay pending
						32.8	35.7	2.9		Core loss
						35.7	36.5	0.8	5.6	
						36.5	36.9	0.4		Core loss
						36.9	37.4	0.5	10.5	
						37.4	38.4	1.0		Core loss
						38.4	39.2	0.8		Assay pending
						39.2	39.4	0.2		Core loss
						39.4	39.7	0.3		Assay pending
						39.7	40.3	0.6		Core loss
						40.3	40.7	0.4		Assay pending
						40.7	40.8	0.1		Core loss
						40.8	41.0	0.2		Assay pending
						41.0	41.7	0.7		Assay pending
						41.7	41.8	0.1		Core loss
						41.8	41.9	0.1		Assay pending
						41.9	42.3	0.4		Core loss
						42.3	42.9	0.6		Assay pending
						42.9	43.2	0.3		Core loss
						43.2	43.5	0.3	0.0	
						43.5	44.2	0.7		Core loss
						44.2	44.4	0.2		Assay pending
						44.4	44.6	0.2		Core loss
						44.6	44.7	0.1		Assay pending
						44.7	45.1	0.4		Core loss
						45.1	45.8	0.7	3.6	
						45.8	46.2	0.4		Core loss
46.2	46.8	0.6	1.4							
46.8	47.6	0.8		Core loss						
47.6	48.7	1.1	0.3							
48.7	48.8	0.1		Core loss						
48.8	49.2	0.4	0.4							

Samples are cut halved HQ sized diamond core of varying lengths based on geological intervals. Assays determined by Leachwell[®] cyanide leach (24 hour) 2,000g analysis followed by routine 50g fire assay of washed sample tails for all original samples recording greater than 5g Au/t. A series of external standards and blanks are used to assess laboratory assay quality control. Minimum sample interval is 0.1m. Core recovery for reported intervals ranges from poor to high. Intercepts are down-hole lengths and true widths are not known.

TABLE 2: New Tandarra RC Assay Results

HOLE ID	EASTING (MGA94)	NORTHING (MGA94)	DIP	AZIMUTH (MGA94)	FINAL DEPTH	FROM (m)	TO (m)	DOWN-HOLE INTERVAL (m)	GOLD (g Au/t)	COMMENTS
RCT032	246686	5974080	-70	090	72				NSR	
RCT033	246579	5973029	-70	090	102				NSR	
RCT036	246850	5973120	-60	270	96				NSR	
RCT037	246784	5973032	-70	090	85				NSR	
RCT038	246878	5973121	-60	270	102				NSR	
RCT039	246939	5973030	-60	090	108				NSR	
RCT040	247092	5972218	-60	090	96	72	73	1	2.4	
RCT041	247111	5972219	-70	090	96				NSR	
RCT044	246847	5973042	-80	270	72				NSR	
RCT049	246822	5973042	-80	270	90	62	63	1	0.5	
RCT051	246830	5972929	-80	270	60	20	46	26	1.0	
					<i>includes</i>	22	36	14	1.5	
					<i>includes</i>	29	30	1	4.4	
					<i>includes</i>	35	36	1	4.1	
RCT064	246956	5972632	-80	270	108	58	59	1	1.1	
RCT065	247008	5972631	-80	270	120				NSR	
RCT066	247143	5972830	-55	270	70				NSR	Pre-collar for DDT003
RCT070	247126	5972410	-80	270	96				NSR	
RCT071	247065	5971819	-55	270	68				NSR	Target depth not reached
RCT072	247042	5972020	-80	270	96				NSR	
RCT073	247003	5971822	-76	270	142	37	45	8	1.1	
					<i>includes</i>	40	42	2	3.9	
					<i>includes</i>	41	42	1	7.3	
RCT074	246986	5971821	-76	270	120	35	36	1	3.1	
						86	90	4	1.1	
					<i>includes</i>	88	90	2	2.1	
RCT075	247088	5971618	-80	270	50				NSR	Target depth not reached
RCT076	247258	5971413	-80	270	108	96	97	1	1.7	
RCT077	246719	5973458	-80	270	105				NSR	
RCT078	246699	5973458	-80	270	50				NSR	Target depth not reached
RCT079	246630	5973681	-80	270	102				NSR	
RCT080	246612	5973681	-80	270	40				NSR	Target depth not reached
RCT081	246498	5973464	-80	270	120				NSR	
RCT082	246477	5973462	-80	270	90				NSR	
RCT083	246458	5973462	-80	270	40				NSR	Target depth not reached
RCT084	246460	5973679	-80	270	96	65	70	5	0.5	
RCT085	246480	5973680	-80	270	40				NSR	Target depth not reached
RCT086	247253	5971825	-80	270	42				NSR	Target depth not reached
RCT087	247251	5972220	-80	270	96				NSR	
RCT088	247236	5972219	-80	270	102	74	75	1	0.5	
RCT089	247117	5972201	-80	270	96				NSR	
RCT090	247102	5972199	-80	270	102				NSR	
RCT091	247180	5972220	-80	270	102				NSR	
RCT092	247160	5972219	-80	270	101				NSR	
RCT093	246908	5972041	-80	270	42				NSR	Target depth not reached
RCT094	246914	5972021	-80	270	36				NSR	Target depth not reached
RCT095	246919	5972826	-80	270	113	66	78	12	0.5	
					<i>includes</i>	68	69	1	1.7	
					<i>and</i>	73	74	1	1.8	
						83	100	17	1.0	
					<i>includes</i>	89	90	1	2.1	
					<i>and</i>	95	96	1	8.6	
RCT096	246894	5972846	-80	270	108	58	81	23	1.0	
					<i>includes</i>	58	59	1	2.1	
					<i>and</i>	62	63	1	5.2	
					<i>and</i>	67	68	1	3.4	
					<i>and</i>	70	71	1	1.1	
					<i>and</i>	77	80	3	2.5	
					<i>includes</i>	78	79	1	5.7	
RCT097	246879	5972833	-80	270	101	21	23	2	0.5	
						54	61	7	3.0	
					<i>includes</i>	54	57	3	6.4	
					<i>and</i>	54	55	1	14.9	
RCT098	246862	5972807	-80	270	90				NSR	
RCT099	246638	5972799	-80	270	66				NSR	Target depth not reached
RCT100	246621	5972799	-80	270	102				NSR	

All assay results have been determined by Leachwell® (24 hour) cyanide leach 2 000g analysis. A series of external standards and blanks are used to assess laboratory assay quality control. All samples intervals are 1m in length. All reverse circulation samples have been recorded as dry and samples are split using an on-board rotary splitter. Intervals are length weighted grade average. True widths are yet to be determined. NSR refers to no significant results. There has been insufficient drilling undertaken on the Tandarra prospect to define a Mineral Resource and it is uncertain if further exploration will result in determination of a Mineral Resource.

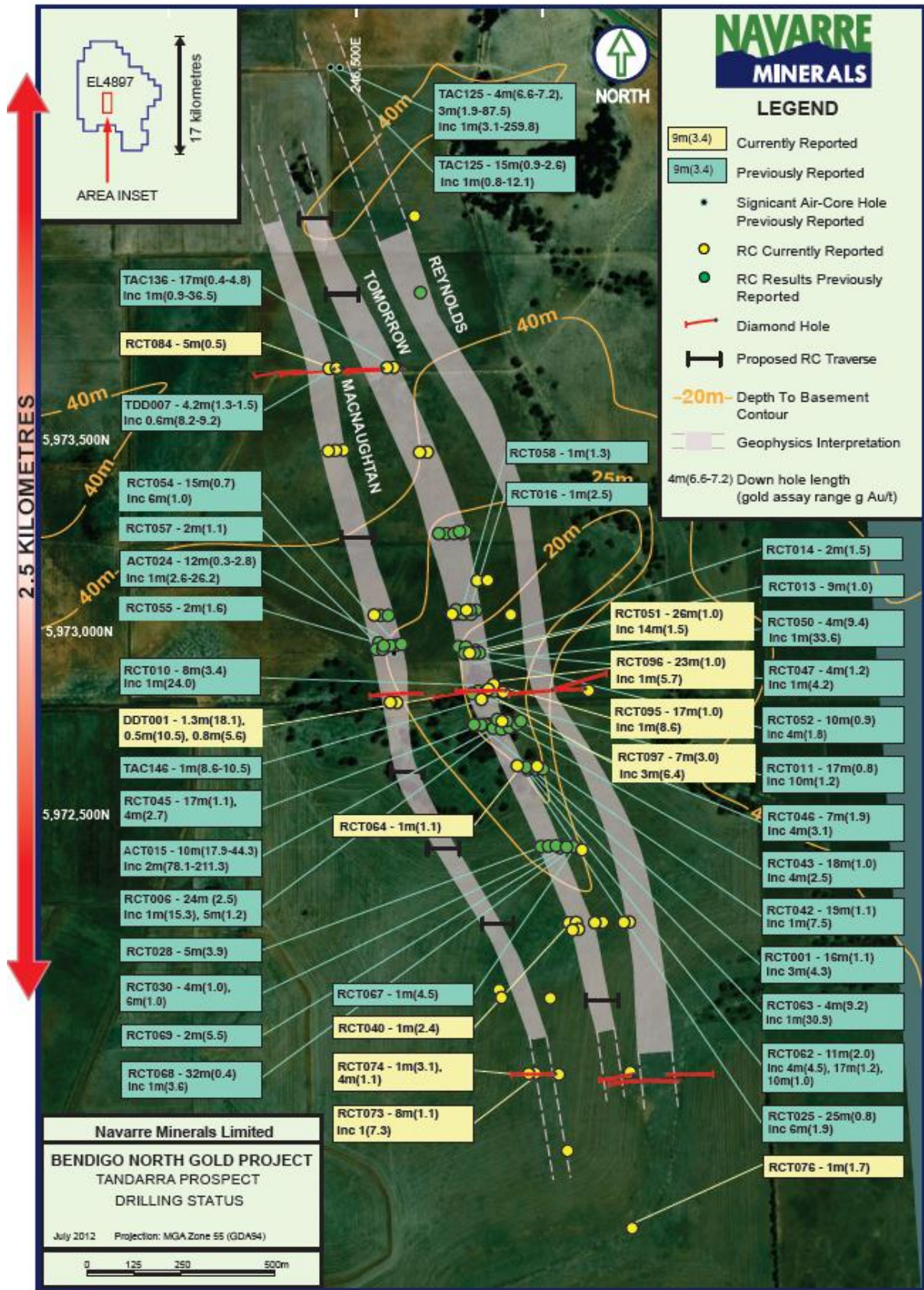


Figure 2: Satellite image of Tandarra prospect showing location of diamond drilling and significant drill intercepts

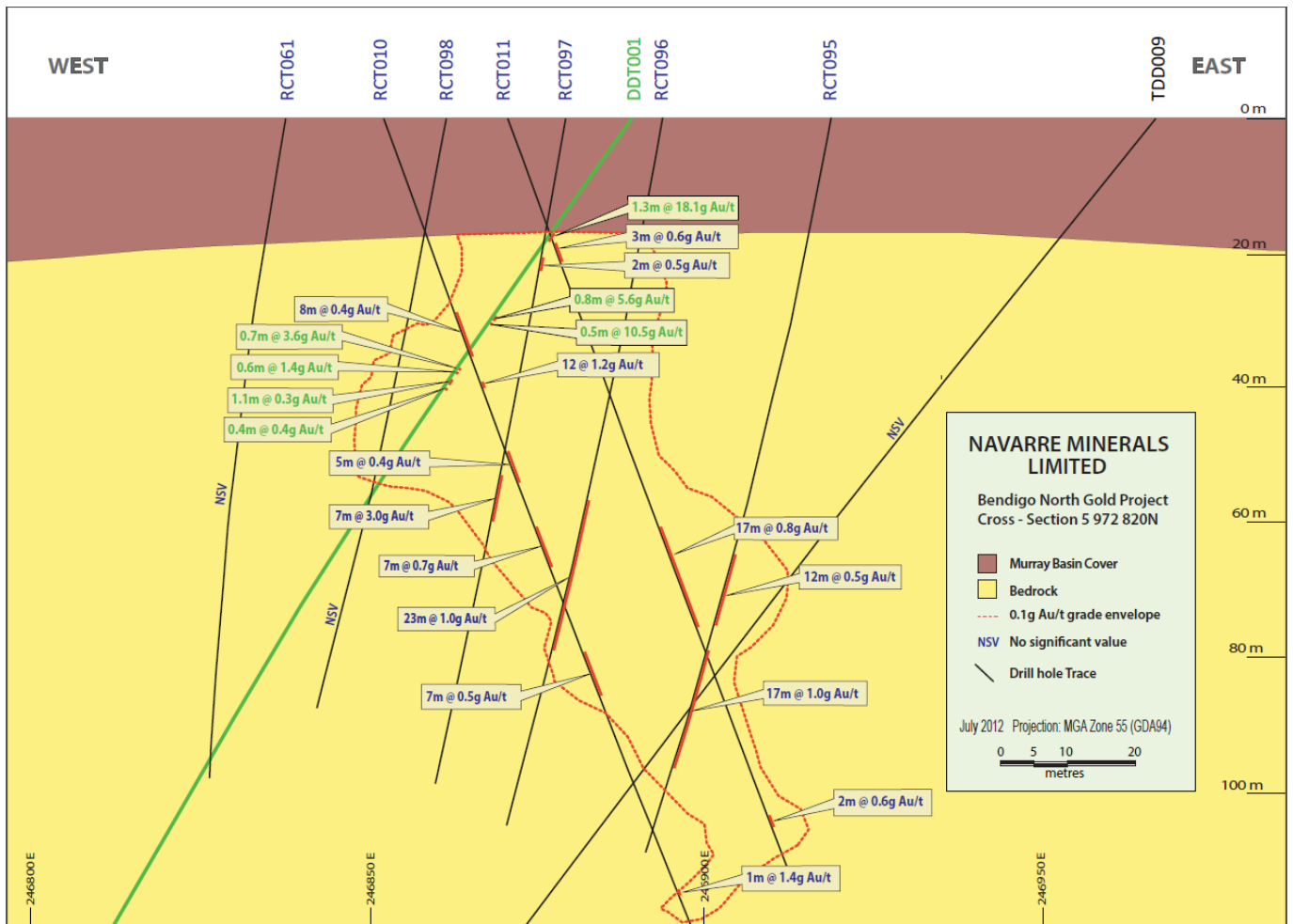


Figure 3: Tandarra prospect drill section 5 972 820N through diamond hole DDT001