

COMPLETION OF HEAVY MINERAL SAND DRILLING PROGRAM

Highlights

- **Air-core drilling has been completed at both the Copi North (EL8312) and Magic (EL8311) Heavy Mineral Sand (HMS) deposits**
- **Both deposits are advanced projects, having been extensively drilled previously by HMS industry ‘majors’**
- **The drilling was infill drilling (including twinning of some previous drill holes) to confirm historical data integrity prior to undertaking new resource estimates in accordance with JORC 2012**
- **Analytical results from the work are expected in May**
- **The drilling was fully funded by a private mining investment group Relentless Resources Limited (RRL) via a Joint Venture managed by Broken Hill Prospecting. RRL is funding \$2m to earn a 50% interest in the two tenements**

Broken Hill Prospecting Limited (“BPL”) or (“The Company”) (ASX: BPL) is pleased to announce that its subsidiary company Broken Hill Minerals Pty Ltd (“BHM”) has completed a maiden drilling programme at two Heavy Mineral Sand (HMS) projects (titanium, zirconium) in western New South Wales.

Air-core drilling at Copi EL8312 (Figure 1) was located approximately 180km south of Broken Hill and targeting the Copi North deposit, a known high-grade HMS deposit associated with a well-defined ancient beach sand strandline. 129 drillholes along the trend of the Copi North deposit were completed (Figure 2, Insets 1-8) for a total meterage of 3,838m. Figure 2 shows the locations of drillholes with respect to completed holes by other Company exploration.

At Woolcunda EL8311 (Figure 1), located approximately 120km south of Broken Hill air-core drilling at the Magic strandline HMS deposit consisted of 88 drill holes for a total of 2,124 metres. The Magic deposit drillholes are listed in Table 2 and shown in Figure 3 (Insets 1-4).

Both deposits are considered to be at an advanced exploration status and have been the subject of significant past exploration activities (including drill testing) by other heavy mineral sand explorers.

The drilling has been fully funded by the private mining investment group Relentless Resources Limited (RRL) which is providing \$2m of funding through a recently announced Joint Venture to earn a 50% interest in the two tenements. BHM is manager of the Joint Venture.

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Program Details

Drilling contractor, Wallis Drilling, used a truck-mounted RC air-core drill rig to undertake the work.

Drill holes were located by taking into account previously reported occurrences of heavy minerals at the two deposits. Most holes were located along in-fill lines (Figures 2 and 3) to test between 17-51 metres below surface and to target relatively high grade horizons of HMS.

Details of completed holes for both Copi North (Table 1) and Magic (Table 2) are provided at the end of this report. The work was planned to follow-up and test extensive drilling undertaken by other companies in the 1990's and early 2000's and historic holes are shown in Figures 2 and 3. Targeting of shallow, high-grade zones at the two deposits was given highest priority and the work provides new, additional sampling along in-fill "gaps" of previous drilling campaigns. Step-out and twinning of some of the historic holes will also provide confidence in the historic data for each deposit and may provide the Company's independent resource consultant confidence to include some of the old data into new resource estimates under the JORC 2012 code guidelines (Table 3).

Drill samples have been dispatched to ALS Metallurgical in Perth and analytical data are expected to be returned from the laboratory during the next several weeks.

New resource estimations for both Copi North and Magic will commence when data is at hand and these are expected to be completed by Geos Mining in mid-2015.

Background

In October 2014, BHM was granted five Exploration Licences for HMS deposits in the extensive Murray Basin south of Broken Hill and north of Wentworth in Western NSW (Figure 1).

BHM is planning to establish a foothold in the HMS industry where emerging technology is making significant advances in processing and recovery of titanium (Ti) and zirconium (Zr) minerals (ilmenite, leucoxene, rutile and zircon) from HMS deposits.

RRL is an unlisted Australian mining investment company focused on acquiring strategic stakes in globally significant mining assets. RRL and BHM are evaluating HMS deposits in two of the five tenements (EL8311 'Woolcunda' and EL8312 'Copi', Figure 1) and have lodged an Exploration Application (ELA5147) immediately west of EL8312.

The Joint Venture is seeking to define an initial resource base of between 20-40 million tonnes of HMS with a high HMS (>8%) content. This is considered high-grade relative to other nearby deposits and operations and may have potential to provide the basis for a low-cost, small footprint mining operation with higher grade feed than nearby operating mines which have average HMS grades of between 3.6% HM and 3.9% HM.

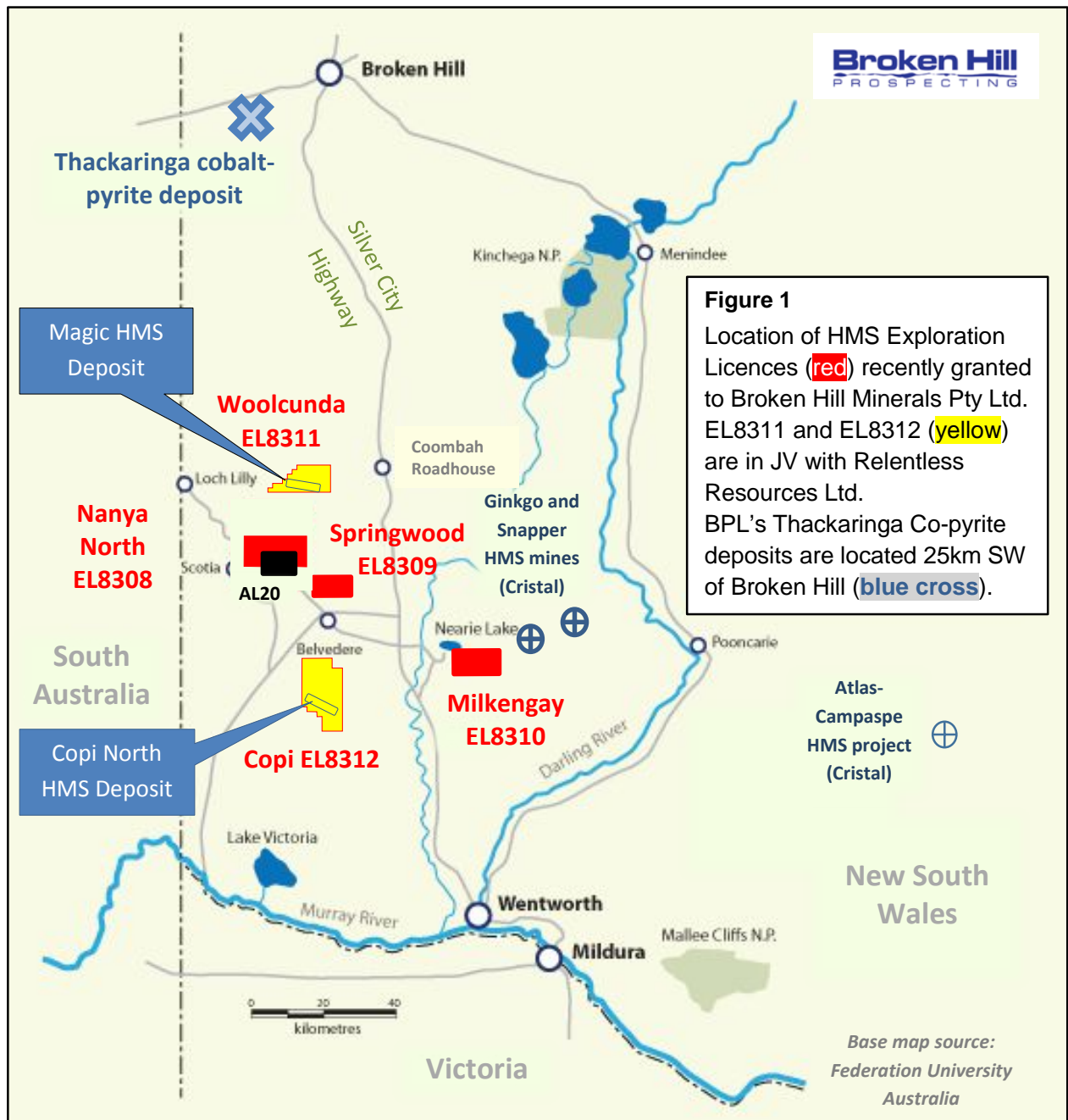


Figure 1. Map of Western NSW showing the location of the Copi North and Magic Heavy Mineral Sands Deposits and Exploration Leases held by Broken Hill Minerals Pty Ltd. The map also shows the location of Cristal Mining's Pooncarie Mineral Sands Project (Ginkgo and Snapper Mines).

Other tenements

The three Exploration Licences which are not included in the JV (EL8308, EL8309 and EL8310) remain wholly owned by Broken Hill Minerals Ltd. BHM is planning to undertake ground magnetic surveys and possible drill testing at several high priority HMS targets within these tenements later in the year.

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Comments

BPL's Managing Director Dr Ian Pringle commented:

"The drill testing at both deposits was undertaken smoothly and without breakdown and I am extremely pleased with the excellent sample recovery and visual results from the work."

"Panning of each mineralised interval has shown thick zones of high-grade heavy mineral throughout both deposits, particularly Copi North."

"All of the drill samples have been dispatched to the laboratory and I am looking forward to receiving the results over the next several weeks. Importantly, both deposits appear to have extensive high-grade zones which are close to the surface."

"Because exploration of these deposits is relatively well advanced, and both are high-grade and well located, they promise to provide the opportunity for fast track and low-cost development."

Yours faithfully,



Ian J Pringle
(Managing Director)

Competent Person Statement

Exploration activities and results contained in this notice are based on information compiled by Mr Ian Spence, Managing Director of Broken Hill Minerals Pty Ltd and reviewed by Dr Ian Pringle who is a Member of the Australasian Institute of Mining and Metallurgy. Dr Pringle is the Managing Director of Broken Hill Prospecting Ltd and also a Director of Ian J Pringle & Associates Pty Ltd, a consultancy company in minerals exploration. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Dr Pringle has consented to the inclusion in this report of the matters based on his information in the form and context in which it appears.

About Broken Hill Prospecting Limited ("BPL")

BPL has commenced assessment of Heavy Mineral Sand ("HMS") deposits (titanium and zirconium) located south of Broken Hill in western NSW. These deposits have been extensively explored and drill tested by other parties and provide the Company with an opportunity to progress advanced evaluation and fast-track development of several substantial high-grade heavy mineral sand deposits.

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Australia has the world's largest deposits of the titanium minerals ilmenite and rutile. Australian mines extract and refine Ti, but don't process it in large quantities. It is used in many applications in light and heavy industries as well as in jewellery and 3D printing. However approximately 95% is used in an oxide form as the pure white colour crucial in products from paint to cosmetics. Titanium's strength-to-weight ratio, corrosion resistance and biocompatibility make it perfect for aerospace, medical and sport applications.

BPL Cobalt and Pyrite (Sulphuric acid) deposits

BPL is progressing with exploration and evaluation of cobalt-pyrite deposits in the Broken Hill area within two exploration tenements (EL6622 and EL8143) and two mining leases (ML86 and ML87).

Broken Hill Prospecting Limited is in a strong strategic position to take advantage of increasing demand for cobalt to meet growth in environmental and industrial uses including rechargeable batteries in automobiles and super alloys. Co-product sulphuric acid could address Australian reliance on imported sulphur and provide opportunities for phosphate fertiliser and mineral processing industries.

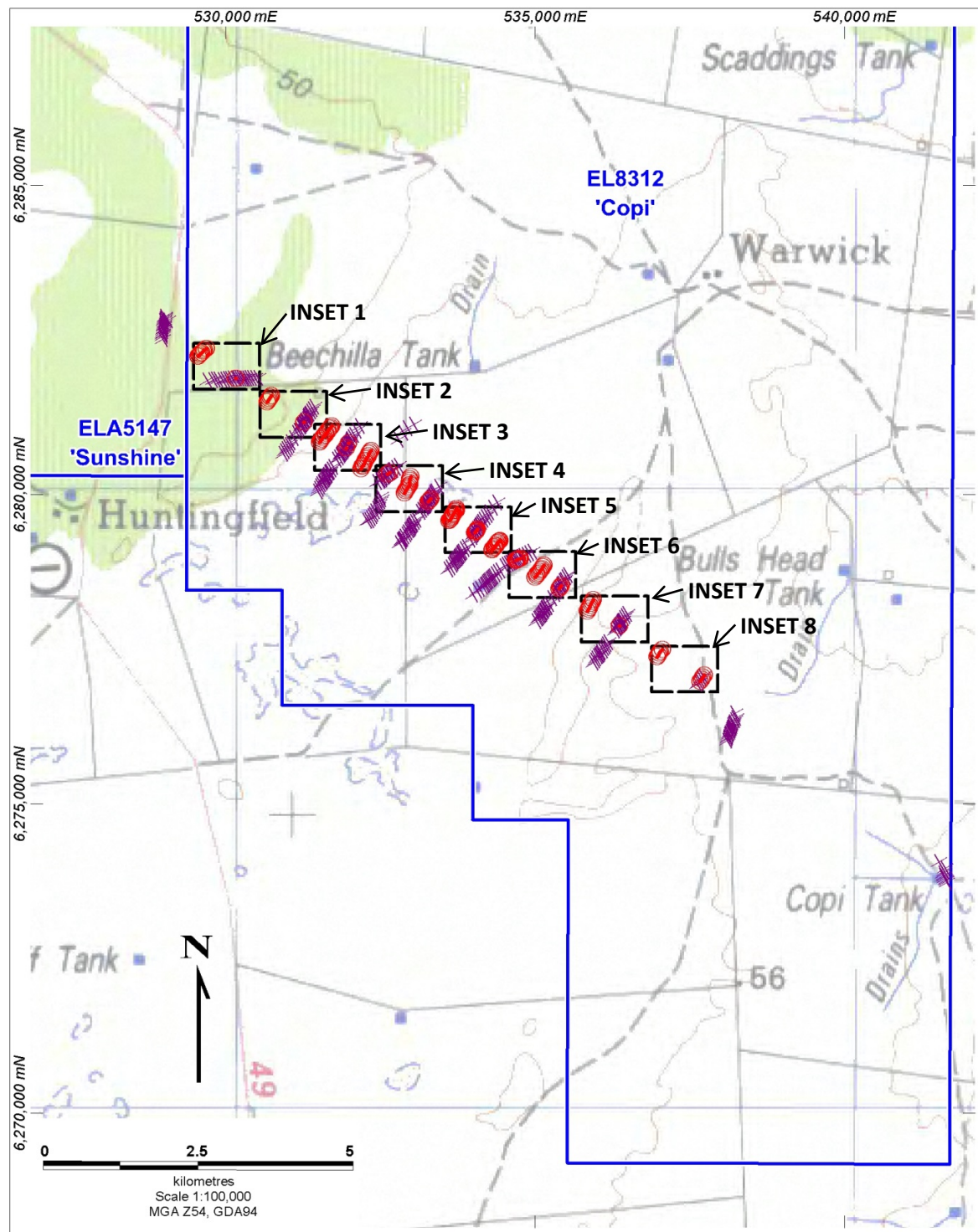
For further information contact:

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Broken Hill Prospecting Ltd has recently updated it's website at www.bhpl.biz

Figure 2. Copi North Deposit drill hole location map. Insets (following pages) detail individual drillhole locations.



- ⊙ BMH Drill hole
- × Iluka Drill hole

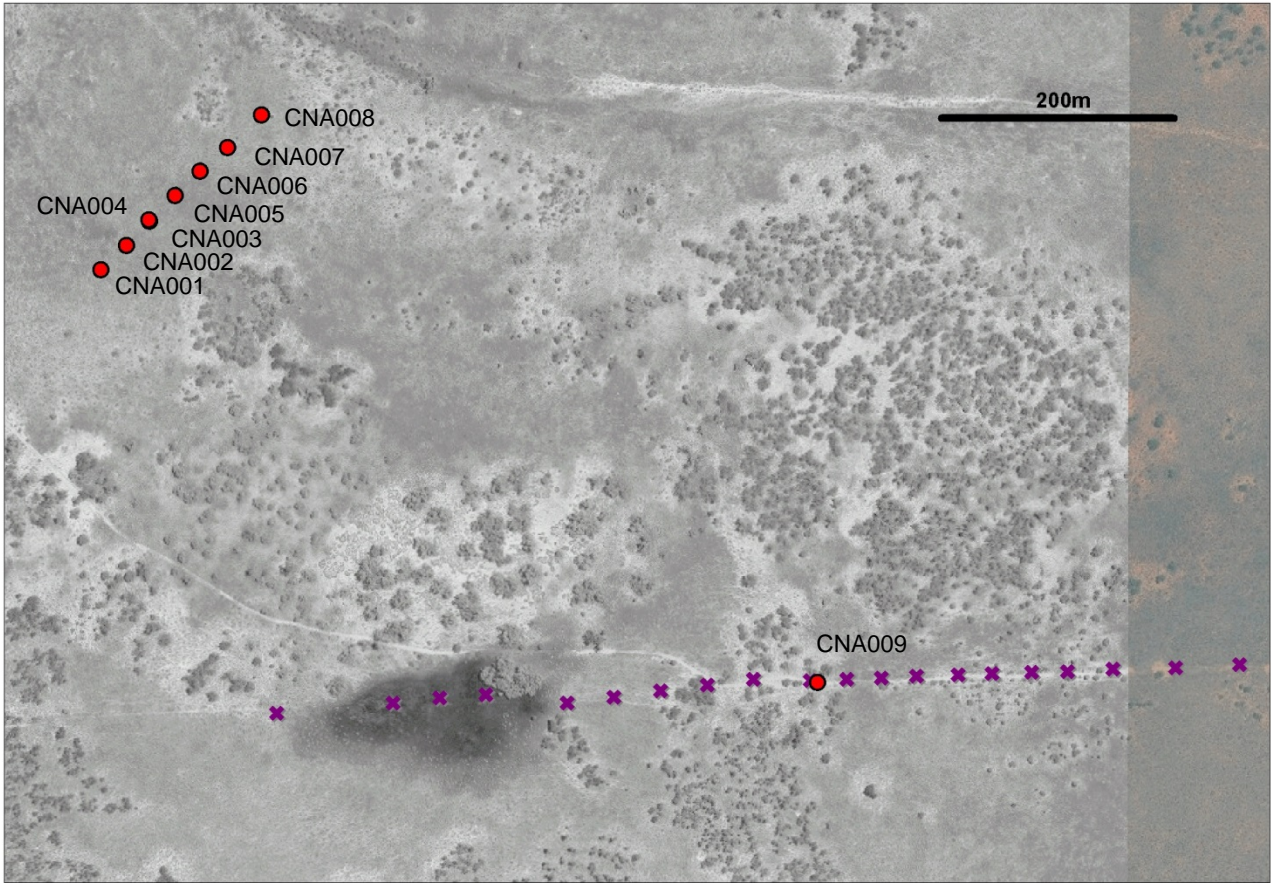
Broken Hill
MINERALS
(Relentless Resources Ltd JV)

**COPI DEPOSIT
DRILL HOLE LOCATIONS**

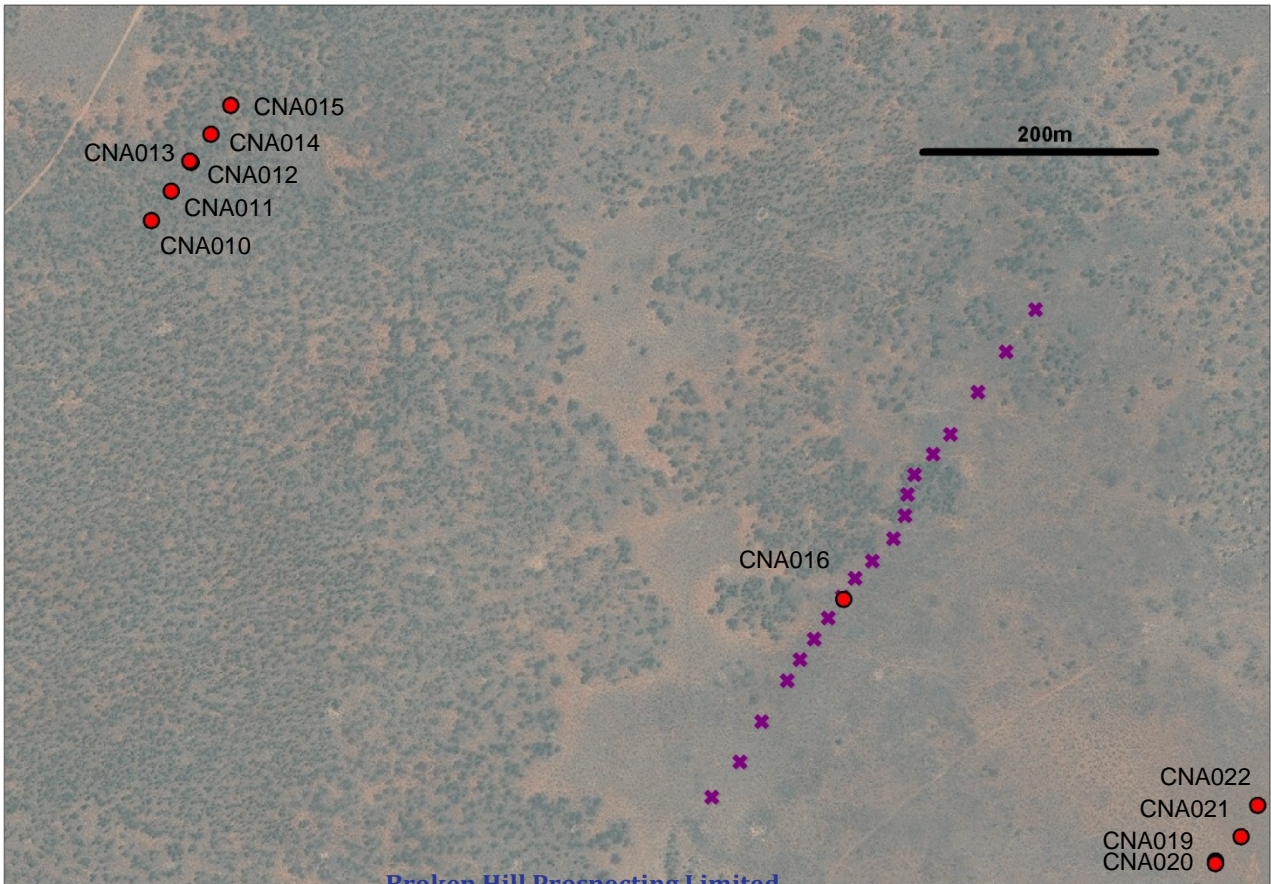
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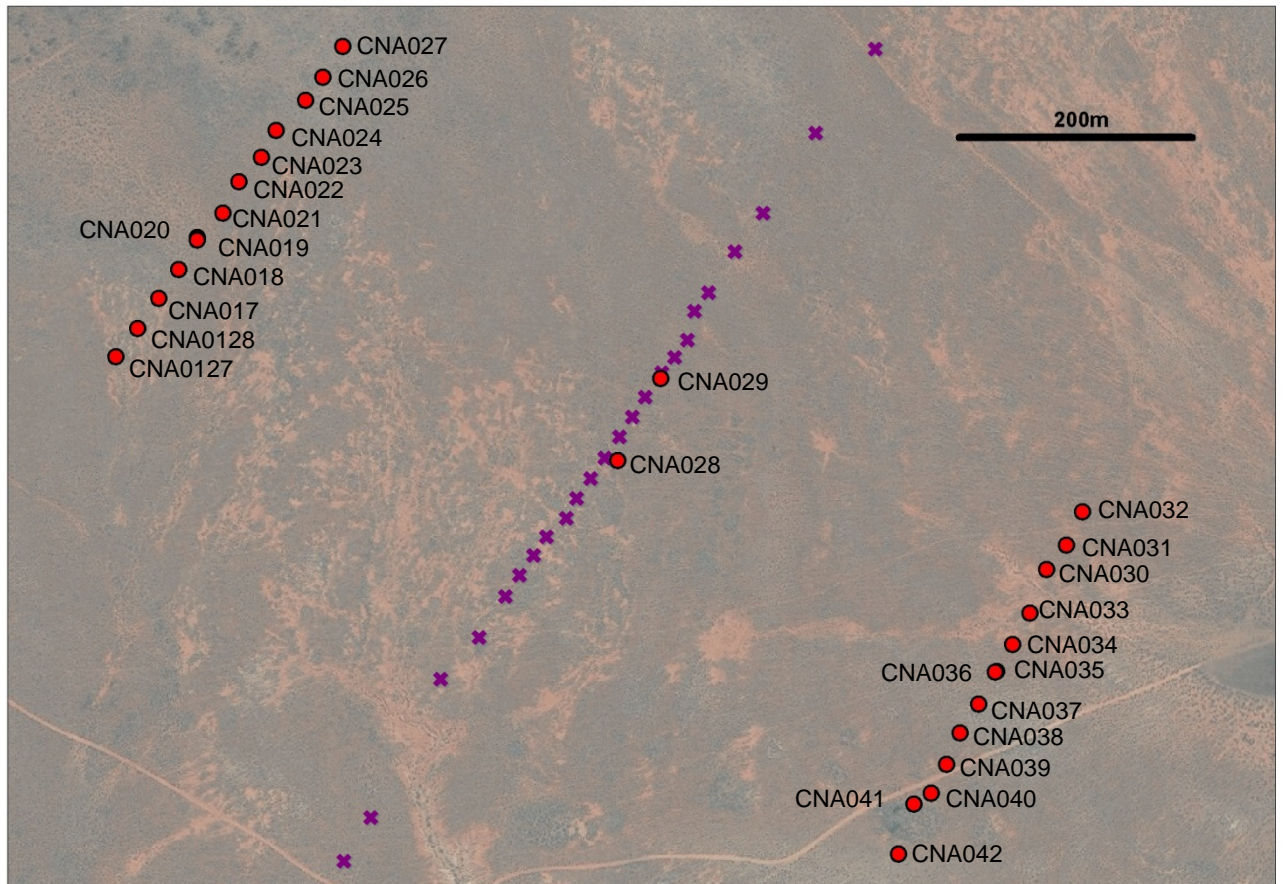
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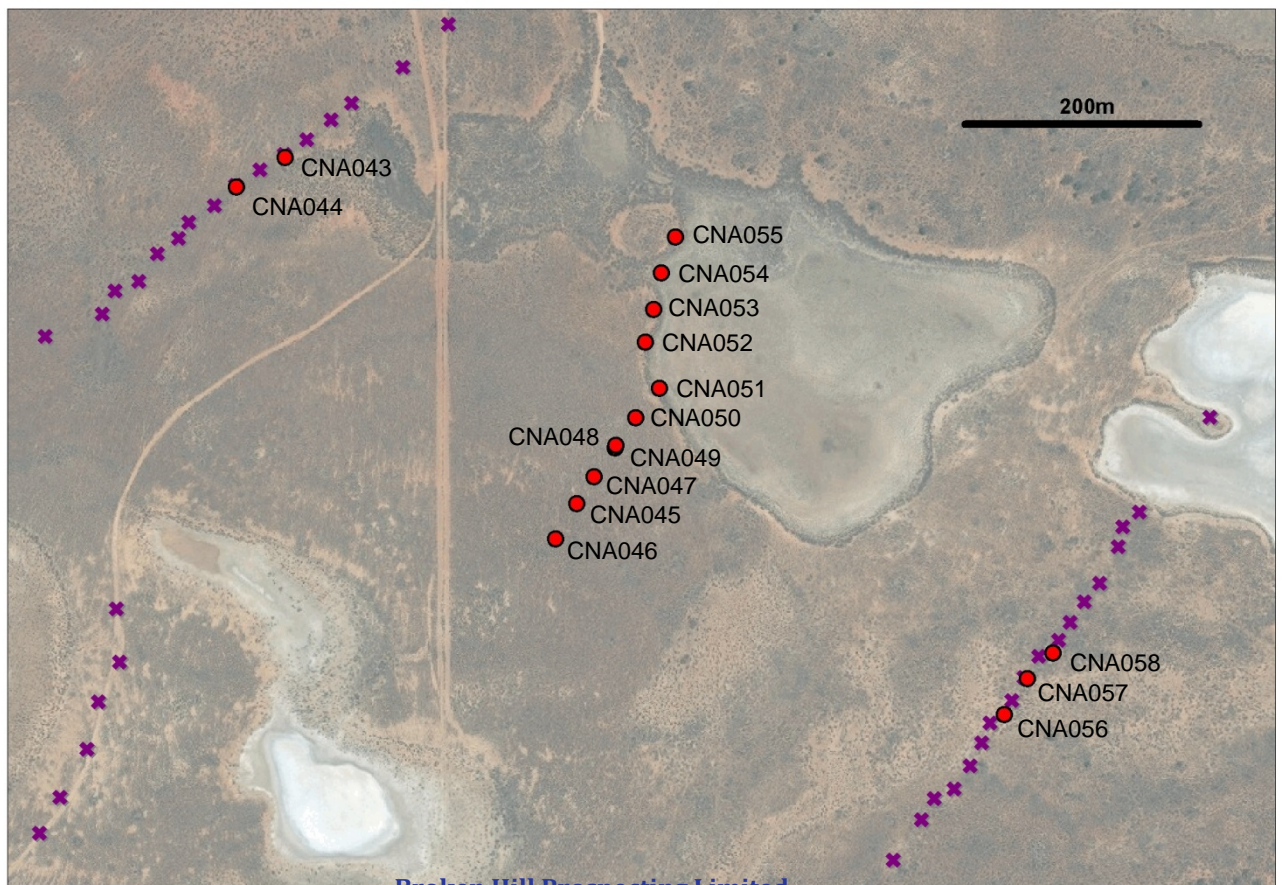
INSET 1



INSET 2



INSET 3

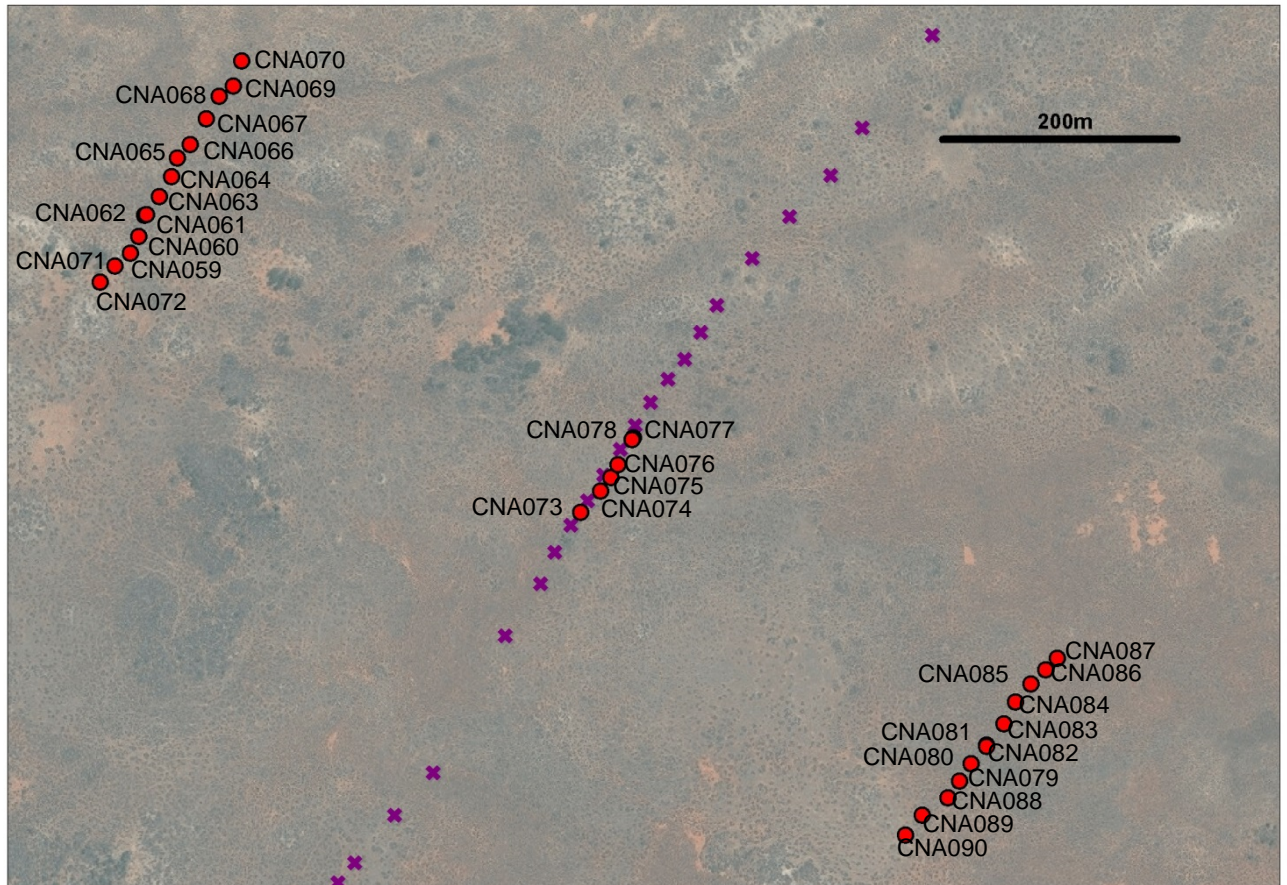


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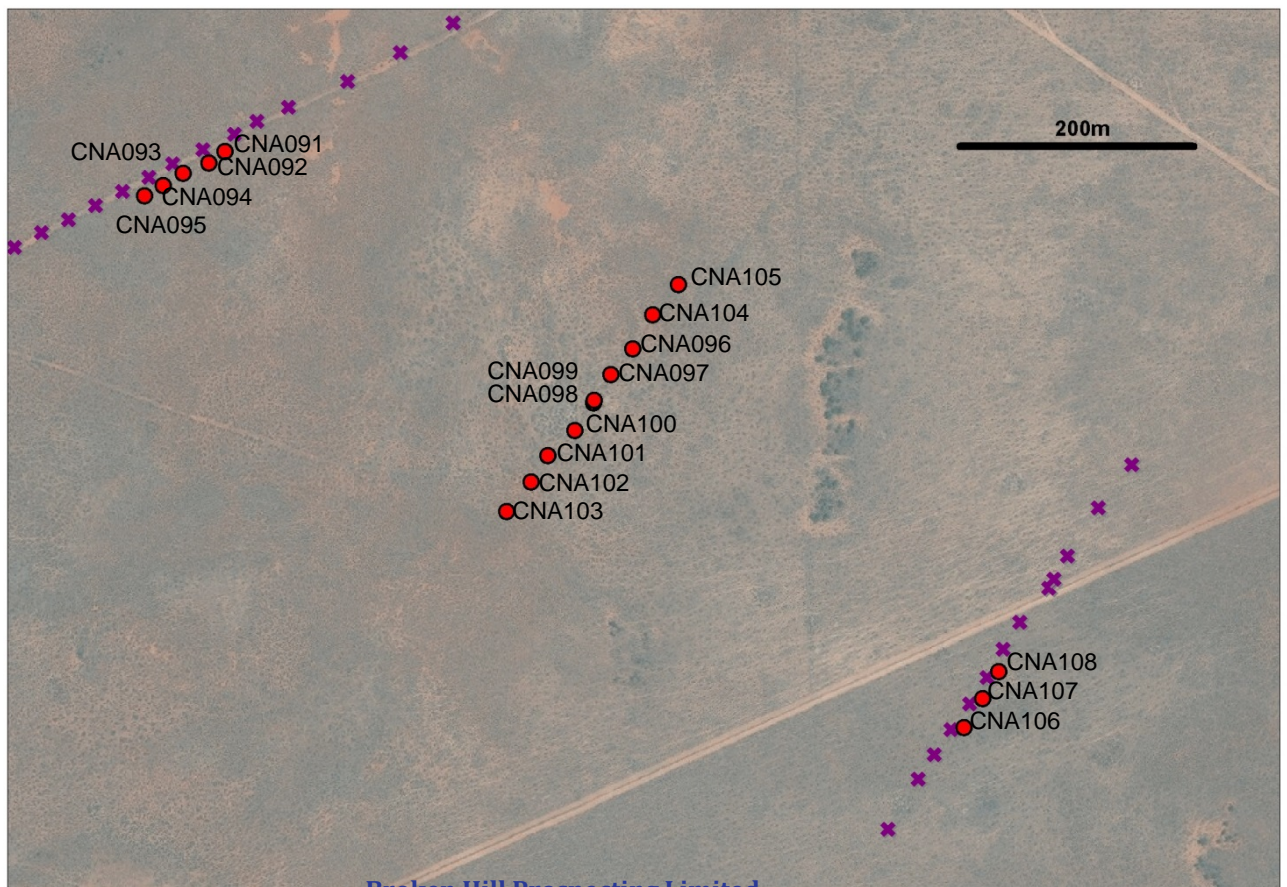
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INSET 4



INSET 5

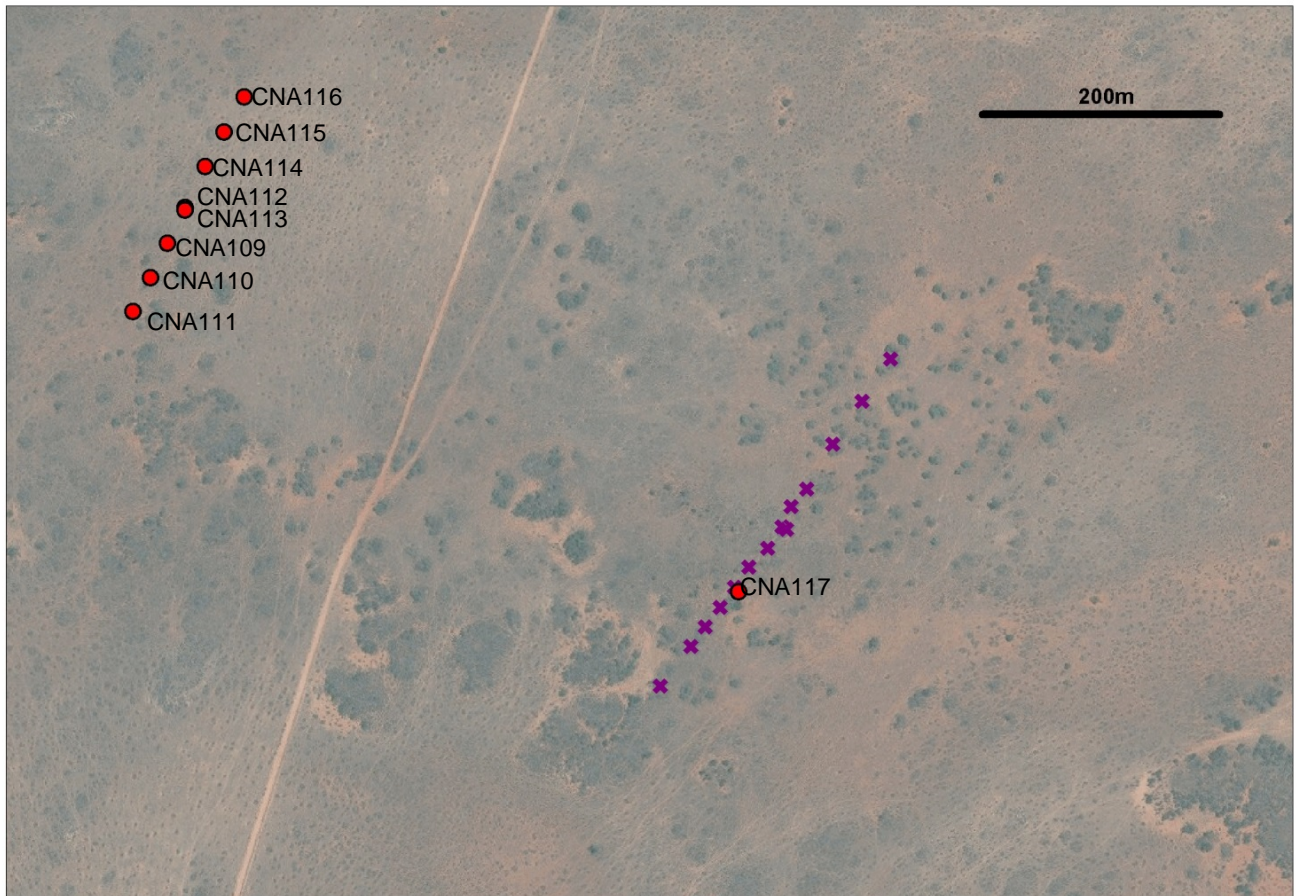


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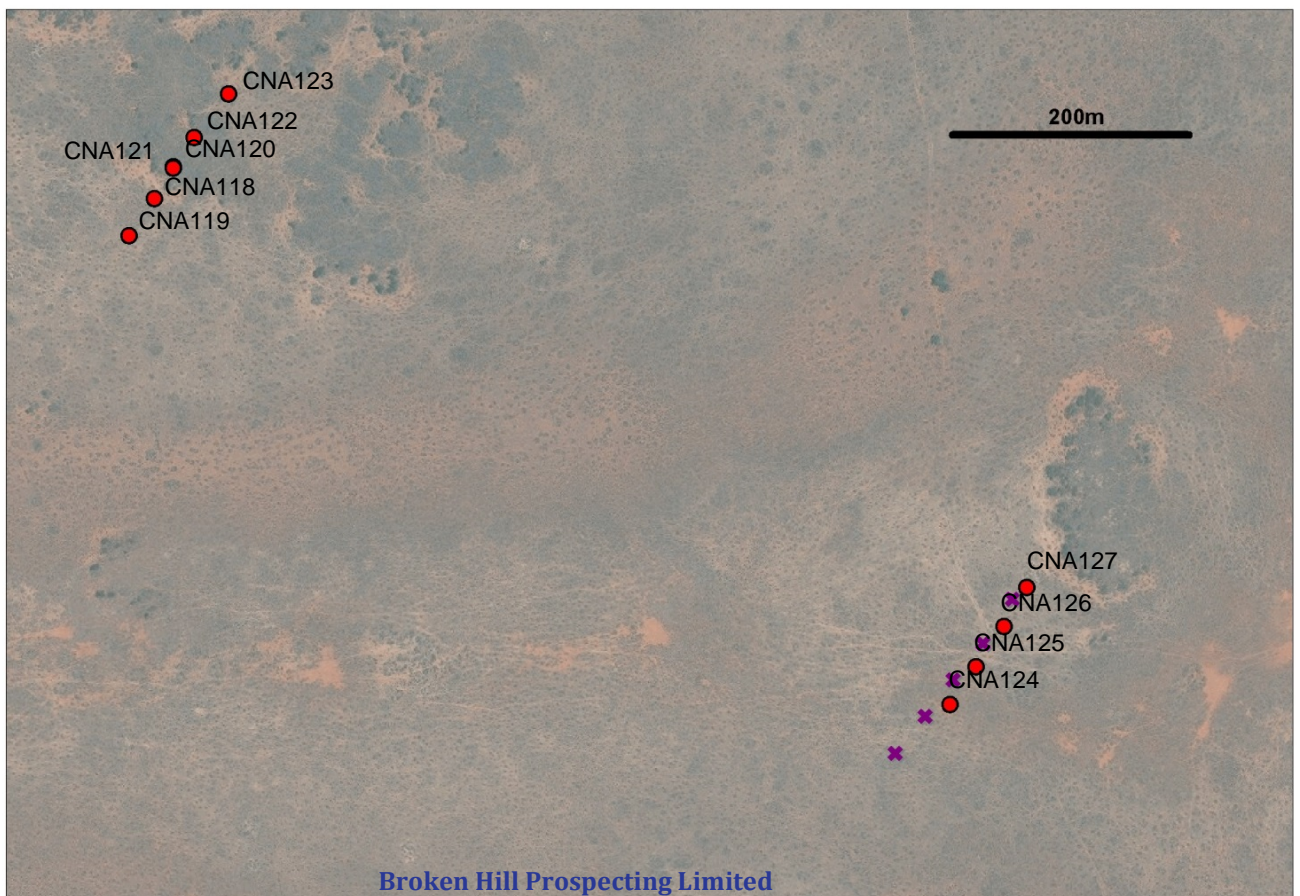
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INSET 6

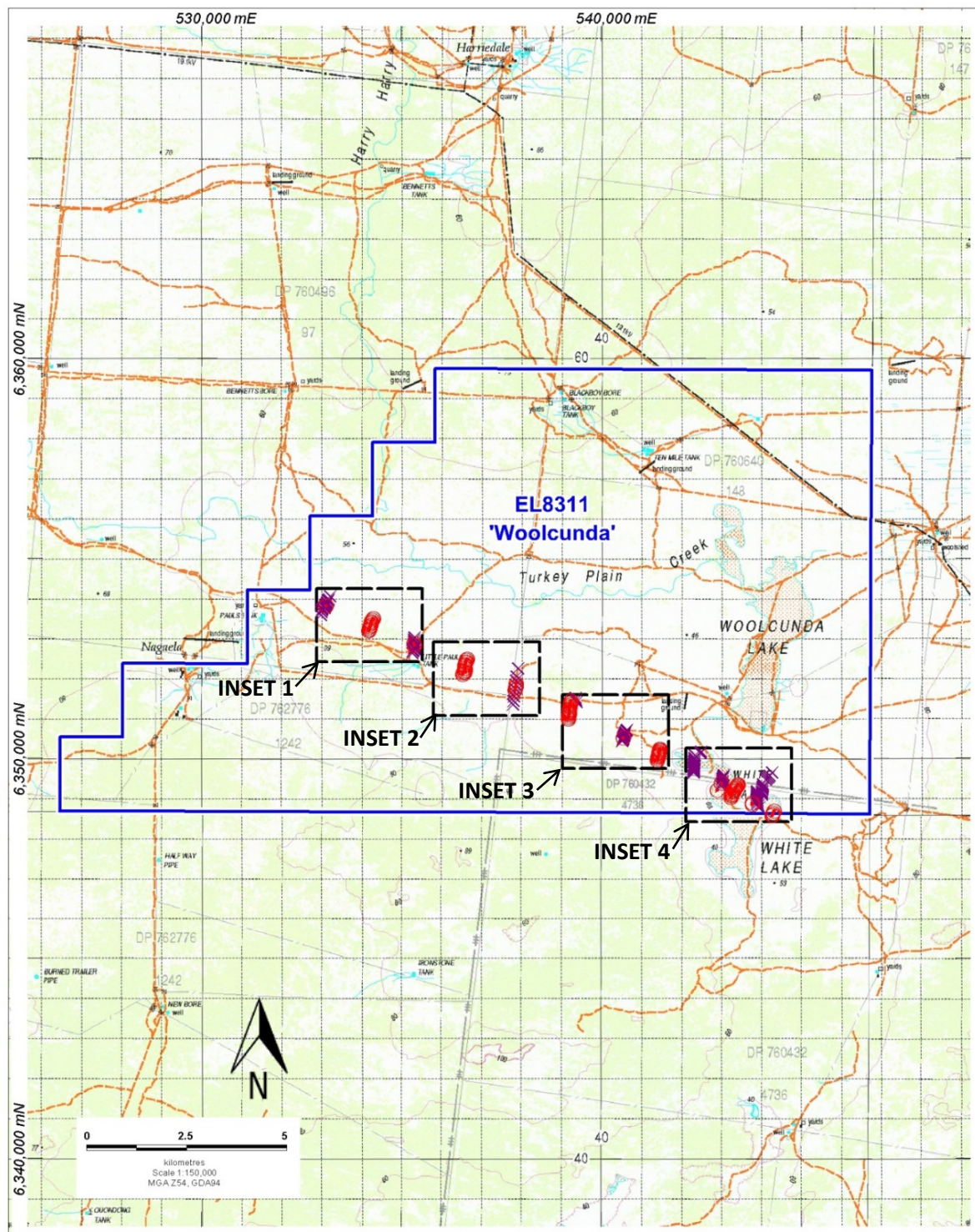


INSET 7



INSET 8

Figure 3. Magic Deposit drill hole location map. Insets (following pages) detail individual drill hole locations.



- BMH Drill hole
- × Iluka Drill hole

Broken Hill
MINERALS
(Relentless Resources Ltd JV)

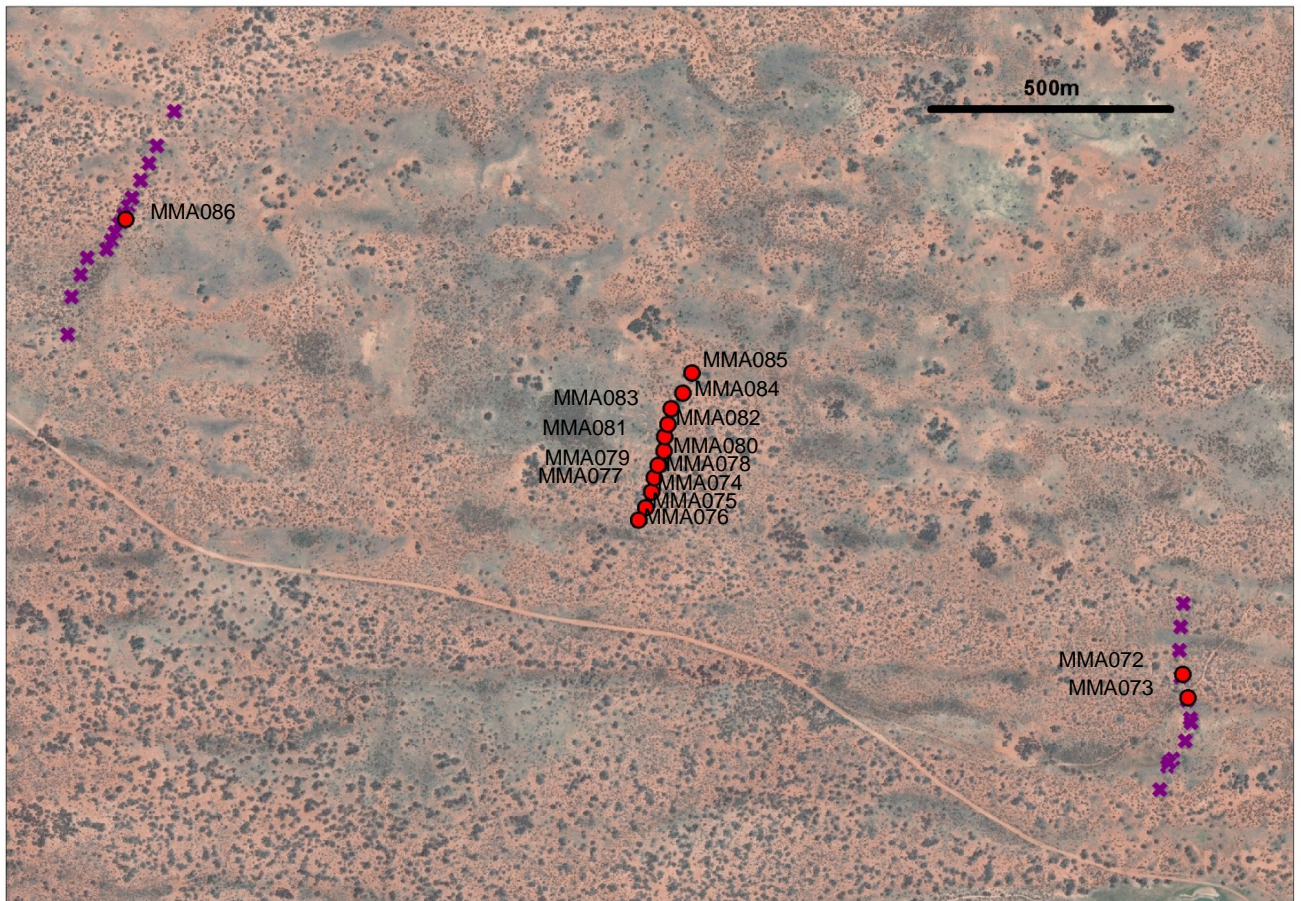
**MAGIC DEPOSIT
DRILL HOLE LOCATIONS**

8 April 2015

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INSET 1



INSET 2

500m

MMA022

MMA020

MMA021

MMA013

MMA019

MMA015

MMA014

MMA017

MMA016

MMA011

MMA018

MMA009

MMA010

MMA008

MMA007

MMA006

MMA005

MMA002, 03

MMA004

MMA001

MMA012

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Table 1 - Copi North Deposit air-core drill holes (EL8312)

Air-Core Drill Hole	Depth	E_MGA94	N_MGA94	Azimuth	Dip	Collar Elevation (RL)*
CNA001	27	529559	6282224	0	-90	Yet to be surveyed
CNA002	27	529581	6282245	0	-90	Yet to be surveyed
CNA003	27	529601	6282266	0	-90	Yet to be surveyed
CNA004	27	529600	6282267	0	-90	Yet to be surveyed
CNA005	27	529623	6282288	0	-90	Yet to be surveyed
CNA006	27	529644	6282309	0	-90	Yet to be surveyed
CNA007	27	529668	6282329	0	-90	Yet to be surveyed
CNA008	27	529697	6282357	0	-90	Yet to be surveyed
CNA009	33	530175	6281869	0	-90	Yet to be surveyed
CNA010	39	530680	6281490	0	-90	Yet to be surveyed
CNA011	39	530697	6281515	0	-90	Yet to be surveyed
CNA012	39	530714	6281540	0	-90	Yet to be surveyed
CNA013	39	530713	6281541	0	-90	Yet to be surveyed
CNA014	39	530731	6281564	0	-90	Yet to be surveyed
CNA015	41	530748	6281589	0	-90	Yet to be surveyed
CNA016	42	531275	6281164	0	-90	Yet to be surveyed
CNA017	33	531562	6280887	0	-90	Yet to be surveyed
CNA018	33	531579	6280912	0	-90	Yet to be surveyed
CNA019	36	531595	6280939	0	-90	Yet to be surveyed
CNA020	39	531595	6280937	0	-90	Yet to be surveyed
CNA021	36	531617	6280960	0	-90	Yet to be surveyed
CNA022	37	531631	6280987	0	-90	Yet to be surveyed
CNA023	38	531650	6281008	0	-90	Yet to be surveyed
CNA024	40	531663	6281031	0	-90	Yet to be surveyed
CNA025	42	531688	6281057	0	-90	Yet to be surveyed
CNA026	42	531703	6281077	0	-90	Yet to be surveyed
CNA027	42	531720	6281103	0	-90	Yet to be surveyed
CNA028	28	531956	6280748	0	-90	Yet to be surveyed
CNA029	30	531993	6280818	0	-90	Yet to be surveyed
CNA030	24	532324	6280654	0	-90	Yet to be surveyed
CNA031	21	532341	6280675	0	-90	Yet to be surveyed
CNA032	21	532355	6280704	0	-90	Yet to be surveyed
CNA033	24	532310	6280617	0	-90	Yet to be surveyed
CNA034	21	532295	6280590	0	-90	Yet to be surveyed
CNA035	21	532281	6280567	0	-90	Yet to be surveyed
CNA036	21	532280	6280566	0	-90	Yet to be surveyed
CNA037	24	532266	6280539	0	-90	Yet to be surveyed
CNA038	21	532250	6280514	0	-90	Yet to be surveyed
CNA039	21	532238	6280487	0	-90	Yet to be surveyed
CNA040	21	532225	6280462	0	-90	Yet to be surveyed
CNA041	21	532210	6280453	0	-90	Yet to be surveyed
CNA042	21	532197	6280410	0	-90	Yet to be surveyed
CNA043	18	532663	6280348	0	-90	Yet to be surveyed
CNA044	18	532621	6280323	0	-90	Yet to be surveyed
CNA045	18	532913	6280051	0	-90	Yet to be surveyed
CNA046	18	532895	6280021	0	-90	Yet to be surveyed
CNA047	18	532928	6280074	0	-90	Yet to be surveyed
CNA048	18	532947	6280101	0	-90	Yet to be surveyed
CNA049	18	532946	6280099	0	-90	Yet to be surveyed

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CNA050	18	532964	6280125	0	-90	Yet to be surveyed
CNA051	18	532984	6280150	0	-90	Yet to be surveyed
CNA052	18	532972	6280190	0	-90	Yet to be surveyed
CNA053	18	532979	6280218	0	-90	Yet to be surveyed
CNA054	15	532986	6280249	0	-90	Yet to be surveyed
CNA055	18	532998	6280280	0	-90	Yet to be surveyed
CNA056	18	533280	6279870	0	-90	Yet to be surveyed
CNA057	18	533300	6279901	0	-90	Yet to be surveyed
CNA058	18	533322	6279923	0	-90	Yet to be surveyed
CNA059	27	533644	6279596	0	-90	Yet to be surveyed
CNA060	24	533651	6279610	0	-90	Yet to be surveyed
CNA061	24	533658	6279629	0	-90	Yet to be surveyed
CNA062	24	533656	6279628	0	-90	Yet to be surveyed
CNA063	24	533669	6279644	0	-90	Yet to be surveyed
CNA064	24	533679	6279661	0	-90	Yet to be surveyed
CNA065	21	533684	6279677	0	-90	Yet to be surveyed
CNA066	21	533695	6279689	0	-90	Yet to be surveyed
CNA067	18	533709	6279711	0	-90	Yet to be surveyed
CNA068	21	533720	6279730	0	-90	Yet to be surveyed
CNA069	21	533732	6279739	0	-90	Yet to be surveyed
CNA070	18	533739	6279760	0	-90	Yet to be surveyed
CNA071	21	533631	6279585	0	-90	Yet to be surveyed
CNA072	18	533618	6279571	0	-90	Yet to be surveyed
CNA073	24	534029	6279374	0	-90	Yet to be surveyed
CNA074	27	534046	6279392	0	-90	Yet to be surveyed
CNA075	27	534055	6279404	0	-90	Yet to be surveyed
CNA076	27	534061	6279415	0	-90	Yet to be surveyed
CNA077	28	534074	6279438	0	-90	Yet to be surveyed
CNA078	28	534073	6279436	0	-90	Yet to be surveyed
CNA079	24	534353	6279144	0	-90	Yet to be surveyed
CNA080	24	534363	6279159	0	-90	Yet to be surveyed
CNA081	24	534376	6279175	0	-90	Yet to be surveyed
CNA082	24	534376	6279174	0	-90	Yet to be surveyed
CNA083	24	534391	6279193	0	-90	Yet to be surveyed
CNA084	27	534401	6279212	0	-90	Yet to be surveyed
CNA085	24	534414	6279227	0	-90	Yet to be surveyed
CNA086	24	534427	6279239	0	-90	Yet to be surveyed
CNA087	24	534437	6279249	0	-90	Yet to be surveyed
CNA088	24	534343	6279130	0	-90	Yet to be surveyed
CNA089	24	534321	6279115	0	-90	Yet to be surveyed
CNA090	18	534307	6279098	0	-90	Yet to be surveyed
CNA091	25	534764	6278963	0	-90	Yet to be surveyed
CNA092	25	534750	6278953	0	-90	Yet to be surveyed
CNA093	24	534728	6278944	0	-90	Yet to be surveyed
CNA094	24	534711	6278934	0	-90	Yet to be surveyed
CNA095	24	534695	6278925	0	-90	Yet to be surveyed
CNA096	30	535113	6278794	0	-90	Yet to be surveyed
CNA097	27	535094	6278772	0	-90	Yet to be surveyed
CNA098	27	535079	6278748	0	-90	Yet to be surveyed
CNA099	27	535080	6278750	0	-90	Yet to be surveyed
CNA100	27	535063	6278724	0	-90	Yet to be surveyed
CNA101	27	535040	6278703	0	-90	Yet to be surveyed
CNA102	27	535026	6278680	0	-90	Yet to be surveyed
CNA103	24	535005	6278655	0	-90	Yet to be surveyed
CNA104	27	535130	6278823	0	-90	Yet to be surveyed
CNA105	27	535152	6278849	0	-90	Yet to be surveyed
CNA106	36	535396	6278470	0	-90	Yet to be surveyed
CNA107	39	535412	6278495	0	-90	Yet to be surveyed

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CNA108	39	535426	6278518	0	-90	Yet to be surveyed
CNA109	49	535881	6278167	0	-90	Yet to be surveyed
CNA110	46	535867	6278138	0	-90	Yet to be surveyed
CNA111	45	535852	6278109	0	-90	Yet to be surveyed
CNA112	48	535896	6278197	0	-90	Yet to be surveyed
CNA113	48	535896	6278195	0	-90	Yet to be surveyed
CNA114	48	535913	6278232	0	-90	Yet to be surveyed
CNA115	48	535929	6278261	0	-90	Yet to be surveyed
CNA116	45	535946	6278291	0	-90	Yet to be surveyed
CNA117	54	536364	6277872	0	-90	Yet to be surveyed
CNA118	51	536997	6277398	0	-90	Yet to be surveyed
CNA119	51	536976	6277367	0	-90	Yet to be surveyed
CNA120	51	537013	6277425	0	-90	Yet to be surveyed
CNA121	51	537013	6277424	0	-90	Yet to be surveyed
CNA122	51	537031	6277450	0	-90	Yet to be surveyed
CNA123	51	537060	6277487	0	-90	Yet to be surveyed
CNA124	54	537670	6276970	0	-90	Yet to be surveyed
CNA125	51	537692	6277002	0	-90	Yet to be surveyed
CNA126	51	537716	6277036	0	-90	Yet to be surveyed
CNA127	51	537735	6277069	0	-90	Yet to be surveyed
CNA128	33	531544	6280861	0	-90	Yet to be surveyed
CNA129	33	531525	6280837	0	-90	Yet to be surveyed

* drillhole collars are located on flat to gently sloping ground. Height (RL) surveys are planned.

Table 2 - Magic Deposit air-core drill holes (EL8311)

Air-Core Drill Hole	Depth	E_MGA94	N_MGA94	Azimuth	Dip	Collar Elevation (RL)*
MMA001	24	544262	6348564	0	-90	Yet to be surveyed
MMA002	24	544271	6348587	0	-90	Yet to be surveyed
MMA003	24	544270	6348587	0	-90	Yet to be surveyed
MMA004	42	544285	6348618	0	-90	Yet to be surveyed
MMA005	60	544311	6348673	0	-90	Yet to be surveyed
MMA006	27	543762	6348841	0	-90	Yet to be surveyed
MMA007	27	543762	6348881	0	-90	Yet to be surveyed
MMA008	21	543237	6349019	0	-90	Yet to be surveyed
MMA009	21	543246	6349051	0	-90	Yet to be surveyed
MMA010	21	543259	6349074	0	-90	Yet to be surveyed
MMA011	24	543275	6349104	0	-90	Yet to be surveyed
MMA012	18	542885	6349192	0	-90	Yet to be surveyed
MMA013	24	543365	6349268	0	-90	Yet to be surveyed
MMA014	27	543353	6349239	0	-90	Yet to be surveyed
MMA015	27	543337	6349213	0	-90	Yet to be surveyed
MMA016	25	543322	6349190	0	-90	Yet to be surveyed
MMA017	25	543306	6349163	0	-90	Yet to be surveyed
MMA018	24	543288	6349141	0	-90	Yet to be surveyed
MMA019	27	543381	6349289	0	-90	Yet to be surveyed
MMA020	27	543399	6349315	0	-90	Yet to be surveyed
MMA021	27	543414	6349339	0	-90	Yet to be surveyed
MMA022	21	542998	6349374	0	-90	Yet to be surveyed

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MMA023	21	541428	6350080	0	-90	Yet to be surveyed
MMA024	21	541430	6350095	0	-90	Yet to be surveyed
MMA025	21	541434	6350116	0	-90	Yet to be surveyed
MMA026	21	541433	6350115	0	-90	Yet to be surveyed
MMA027	21	541437	6350134	0	-90	Yet to be surveyed
MMA028	21	541449	6350161	0	-90	Yet to be surveyed
MMA029	21	541450	6350180	0	-90	Yet to be surveyed
MMA030	21	541454	6350197	0	-90	Yet to be surveyed
MMA031	21	541456	6350219	0	-90	Yet to be surveyed
MMA032	24	541426	6350056	0	-90	Yet to be surveyed
MMA032	24	541426	6350056	0	-90	Yet to be surveyed
MMA033	27	541419	6350043	0	-90	Yet to be surveyed
MMA034	24	541410	6350013	0	-90	Yet to be surveyed
MMA035	24	541401	6349977	0	-90	Yet to be surveyed
MMA036	21	541390	6349943	0	-90	Yet to be surveyed
MMA037	15	540545	6350504	0	-90	Yet to be surveyed
MMA038	21	539192	6351104	0	-90	Yet to be surveyed
MMA039	21	539195	6351121	0	-90	Yet to be surveyed
MMA040	21	539196	6351144	0	-90	Yet to be surveyed
MMA041	21	539195	6351141	0	-90	Yet to be surveyed
MMA042	21	539197	6351166	0	-90	Yet to be surveyed
MMA043	21	539199	6351181	0	-90	Yet to be surveyed
MMA044	21	539200	6351199	0	-90	Yet to be surveyed
MMA045	21	539201	6351224	0	-90	Yet to be surveyed
MMA046	21	539204	6351263	0	-90	Yet to be surveyed
MMA047	18	539208	6351303	0	-90	Yet to be surveyed
MMA048	18	539223	6351339	0	-90	Yet to be surveyed
MMA049	18	539220	6351383	0	-90	Yet to be surveyed
MMA050	15	539234	6351425	0	-90	Yet to be surveyed
MMA051	24	539187	6351081	0	-90	Yet to be surveyed
MMA052	24	539183	6351042	0	-90	Yet to be surveyed
MMA053	25	539175	6351004	0	-90	Yet to be surveyed
MMA054	24	539171	6350966	0	-90	Yet to be surveyed
MMA055	24	537842	6351692	0	-90	Yet to be surveyed
MMA056	24	537849	6351753	0	-90	Yet to be surveyed
MMA057	21	537857	6351781	0	-90	Yet to be surveyed
MMA058	21	537862	6351854	0	-90	Yet to be surveyed
MMA059	27	536574	6352167	0	-90	Yet to be surveyed
MMA060	30	536592	6352191	0	-90	Yet to be surveyed
MMA061	27	536592	6352231	0	-90	Yet to be surveyed
MMA062	27	536592	6352230	0	-90	Yet to be surveyed
MMA063	27	536581	6352258	0	-90	Yet to be surveyed
MMA064	24	536585	6352286	0	-90	Yet to be surveyed
MMA065	24	536587	6352318	0	-90	Yet to be surveyed

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MMA066	24	536599	6352347	0	-90	Yet to be surveyed
MMA067	21	536602	6352376	0	-90	Yet to be surveyed
MMA068	21	536611	6352403	0	-90	Yet to be surveyed
MMA069	21	536625	6352439	0	-90	Yet to be surveyed
MMA070	21	536642	6352475	0	-90	Yet to be surveyed
MMA071	21	536575	6352140	0	-90	Yet to be surveyed
MMA072	24	535315	6352858	0	-90	Yet to be surveyed
MMA073	24	535325	6352809	0	-90	Yet to be surveyed
MMA074	30	534207	6353237	0	-90	Yet to be surveyed
MMA075	30	534194	6353205	0	-90	Yet to be surveyed
MMA076	30	534180	6353179	0	-90	Yet to be surveyed
MMA077	30	534212	6353267	0	-90	Yet to be surveyed
MMA078	27	534223	6353294	0	-90	Yet to be surveyed
MMA079	27	534220	6353293	0	-90	Yet to be surveyed
MMA080	24	534232	6353323	0	-90	Yet to be surveyed
MMA081	18	534234	6353353	0	-90	Yet to be surveyed
MMA082	24	534241	6353379	0	-90	Yet to be surveyed
MMA083	24	534247	6353411	0	-90	Yet to be surveyed
MMA084	24	534272	6353444	0	-90	Yet to be surveyed
MMA085	24	534291	6353486	0	-90	Yet to be surveyed
MMA086	20	533110	6353807	0	-90	Yet to be surveyed
MMA087	22.5	536547	6352128	0	-90	Yet to be surveyed
MMA088	27	536530	6352084	0	-90	Yet to be surveyed

* drillhole collars are located on flat to gently sloping ground. Height (RL) surveys are planned.

Table 3 - JORC Code, 2012 Edition

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <i>Nature and quality of sampling, measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i> <i>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types</i> 	<ul style="list-style-type: none"> All air-core drill holes were routinely sampled at 1m intervals down hole. Samples were collected in situ at the drill site collecting 2kg to 3 kg per sample. Sample duplicates and company standards were inserted at random intervals. Twin drill holes were undertaken for approximately every 5th hole. All samples have been submitted to internationally accredited ALS Laboratories in Perth for Heavy Mineral Sand analysis

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	<i>(eg submarine nodules) may warrant disclosure of detailed information.</i>	
Drilling techniques	<ul style="list-style-type: none"> Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). 	<ul style="list-style-type: none"> Drilling was carried out using a Toyota Landcruiser mounted Mantis 80 drill rig. Standard features fitted to the rig include drill rod clamps, hydraulic rod bins, onboard water storage, hydraulic height adjustment of the cyclone and 6 x 6 all wheel drive. The rig is capable of drilling NQ diameter holes to 120 metres and HQ diameter holes to 80 metres.
Drill sample recovery	<ul style="list-style-type: none"> Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	<ul style="list-style-type: none"> An initial visual estimate of sample recovery is undertaken at the drill rig for each sample metre collected. Samples are panned and logged on site. Sample from each drilled metre is retained in plastic trays and residual sample is collected and stored. Collected samples are weighed to ensure consistency of sample size and monitor sample recoveries. If there are no sampling issues, and no recovery issue or bias is identified then it is considered that both sample recovery and quality is adequate for the drilling technique employed.
Logging	<ul style="list-style-type: none"> Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	<ul style="list-style-type: none"> All drill samples are geologically logged at the rig by the Company's geologists. Geological logging using an industry standardised logging system is used to record mineral and rock types and their abundance, as well as grain size, cementation and clay content. A sample of each sampled interval is panned at the rig for an in-field visual estimate of the Heavy Mineral content A small representative sample is retained in a plastic chip tray for future reference and logging checks.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	<ul style="list-style-type: none"> All samples are split at the drill rig. Duplicates are taken to evaluate representativeness. Further sample preparation is undertaken at the ALS laboratories by experienced HMS specialists. At the laboratory, samples are weighed, dried and analysed for Heavy Mineral Sand content by microscope point counting methods. Residual sample material is returned from the ALS laboratory under secure "chain of custody" procedure by ALS staff, registered transport courier and Broken Hill staff and is stored in a secure location for possible future analysis. Sample sizes and laboratory preparation techniques are considered to be appropriate for this stage of exploration and the commodity being targeted.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures 	<ul style="list-style-type: none"> Assaying, separation and point counting analysis for heavy mineral content is undertaken at ALS Laboratories Perth Point Counting is considered a "total" assay technique. No field non-assay analysis instruments are used in the analyses reported. A review of standard reference material is undertaken and checked for no significant analytical bias or preparation errors in the reported analyses. Results of analyses for field sample duplicates are checked for consistency with the style of mineralisation evaluated and considered to be representative of the geological zones which were sampled.

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	<p><i>adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i></p>	<ul style="list-style-type: none"> Internal laboratory QAQC checks are reported by the laboratory and a review of the QAQC reports suggests the laboratory is performing within acceptable limits. Check analyses will be undertaken by a separate commercial and accredited laboratory for independent checks.
Verification of sampling and assaying	<ul style="list-style-type: none"> The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	<ul style="list-style-type: none"> All drill hole data is paper logged at the drill site and then digitally entered by Company geologists at the site office. All digital data is verified and validated by the Company's database consultant before loading into the drill hole database. Twinning of holes is undertaken in this program Reported drill results are compiled by the Company's geologists, verified by the Company's database administrator and Managing Director. No adjustments to assay data are made.
Location of data points	<ul style="list-style-type: none"> Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	<ul style="list-style-type: none"> Drill hole collars were positioned using hand held GPS. Accuracy of a hand held GPS (+/- 5m) is considered appropriate for this level of exploration. Accurate drill collar heights (height above sea level) are yet to be determined. The surface is flat to gentle slopes and RL will be determined by independent survey.
Data spacing and distribution	<ul style="list-style-type: none"> Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	<ul style="list-style-type: none"> Air-core holes are spaced at a nominal 20-40 metres along lines spaced at 250-500 metres. Drilling results reported in this program will be used in conjunction with historical drilling results to estimate mineral resources or reserves. Sample compositing is used in this program.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<ul style="list-style-type: none"> Exploration is considered to be at a relatively advanced stage and, as such, knowledge on exact location of mineralisation and its relation to lithological and structural boundaries is relatively well known. The current hole orientation is considered appropriate for the program to reasonably assess the prospectivity of known strandline deposits of Heavy Mineral Sands interpreted from extensive historical drill data.
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> Air-core samples are taken to the ALS laboratory in Perth under secure "chain of custody" procedure by Broken Hill staff and registered transport couriers. Samples are returned from the ALS laboratory under secure "chain of custody" procedure by ALS staff or transport courier and will be stored in a secure location. The samples remaining after splitting are collected by Broken Hill staff and trucked to Broken Hill Prospecting's storage facilities in Broken Hill where they are stored under security for future reference.
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> A review of the Company's sampling techniques and data has been undertaken by independent geological consultants Geos Mining Limited. Geos Mining is based in Sydney and has significant local Heavy Mineral Sands exploration experience and will be engaged to undertake an independent resource estimate in accordance with the JORC 2012 code.

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Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	<ul style="list-style-type: none"> The drill holes reported in this report are all contained within the recently granted Copi exploration licence (EL8312) and the granted Woolcunda exploration licence, (EL8311) which are held 100% by Broken Hill Prospecting Limited's wholly owned subsidiary company Broken Hill Minerals Pty Ltd. Private mining investment group Relentless Resources Limited (RRL) under Joint Venture with Broken Hill Prospecting is earning a 50% interest in the two leases by expenditure of \$2m Broken Hill Prospecting is the Joint Venture and Project Manager. RRL's participation in the Joint Venture is purely as a passive investor level. RRL is not undertaking or involved with any of the fieldwork or associated future resource estimation activities. The Copi and Woolcunda Exploration Licences are in good standing. The leases are held over privately held goat and sheep grazing terrain consisting of poor quality arid soils sustaining sparse shrubs and spinifex with limited tree cover. No naturally occurring surface freshwater is present. No native title interests, historical sites, wilderness or national park and environmental settings are located within the drill program area.
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> The areas presently covered by the Copi and Woolcunda Exploration Licences was extensively but not exhaustively by Iluka Resources and BeMax Resources in the 1990's and early 2000's. Exploration consisted of aeromagnetic surveys, prior to air-core drilling.
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> The deposit style targeted for exploration is a Heavy Mineral Sand concentration formed within an ancient Miocene sea shore strandline. This style of mineralisation typically occurs as fine dark sand horizons within a beach sand sequence. This style of deposit is often found in close proximity to geological features associated with ancient coastlines. The deposits being targeted are all located within 50 metres of surface and located well above the current water table.
Drill hole Information	<ul style="list-style-type: none"> A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does 	<ul style="list-style-type: none"> There are no reported results in this announcement. Drill collar elevation is defined as height above sea level in metres (RL) All air-core holes are drilled vertically. Down hole length of the hole is the distance from the surface to the end of the hole, as measured along the drill trace.

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	not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	<ul style="list-style-type: none"> In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> No cut-off grade is applied to the reported 1m downhole intervals. No grade top cut off has had to be applied. Maximum internal dilution is 2m within a reported interval. No metal equivalent reporting is used or applied
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	<ul style="list-style-type: none"> No results are reported in this report. Mineralisation (deposit) geometry is accurately recorded and known and it has been deemed that the deposit with respect to the drill hole angle is optimal at 90 degrees. Mineralisation results reported as "downhole" widths are considered as true widths.
Diagrams	<ul style="list-style-type: none"> Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	<ul style="list-style-type: none"> Completed drill hole location plans are provided in both table and map format. All holes are vertical. No sections are provided because results have yet to be returned.
Balanced reporting	<ul style="list-style-type: none"> Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. 	<ul style="list-style-type: none"> No results have been reported in this announcement.
Other substantive exploration data	<ul style="list-style-type: none"> Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. 	<ul style="list-style-type: none"> No other exploration data that is considered meaningful and material has been omitted from this report
Further work	<ul style="list-style-type: none"> The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	<p>Further air-core drilling is likely to be required in order to allow a higher component of any future resource estimate made to be elevated in category. In addition it is anticipated trial mining and the extraction of a bulk sample will be undertaken during any feasibility study undertaken at Copi North or Magic deposits.</p>

-End of Announcement-

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