



ASX Release  
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## RUBIANNA DEFINES ANOMALOUS COPPER HORIZONS AT NORTH RUBY WELL

### HIGHLIGHTS

**Four anomalous Cu-rich horizons defined at North Ruby Well (Target Area #4), within volcanic units of the Narracoota Formation.**

**Coincident Cu-Au anomalies refined at Target Area #1.**

**Rubianna Resources Limited** (ASX: **RRE**) is pleased to announce results from “interface” geochemical sampling within volcanic units of the Narracoota Formation at the North Ruby Well Project, within its 100% owned Murchison tenements, northeast of Meekatharra, Western Australia (Figure 1). The programme comprised 141 holes for 6714m of Aircore drilling (Tables 1 to 3), to define anomalies (Figure 2) below a variable blanket (1 to 90m thick) of transported cover (Figure 3):

- Target Area #1 – Two targets with coincident gold (**>50 to 592ppb Au**) and copper (**102 to >200ppm Cu**) anomalism<sup>1</sup> have been defined from the infill sampling (200m line spacing & 100m sample spacing). The eastern target covers an area of approximately 700 x 200m and the western target an area of approximately 400 x 200m.
- Target Area #4 – Four NW-SE trending horizons with consistently anomalous Cu (>300ppm) have been delineated from the wide spaced sampling (400m line spacing & 200m sample spacing). Along horizon #1, broad intersections (RWAC0354, 20m@391ppm Cu from 28m to EOH & RWRB0214<sup>2</sup>, 14m@460ppm Cu from surface to EOH) of anomalous Cu have been returned. These four horizons are cut by a series of NE-SW trending faults to define zones A-C.
- Target Areas #2 & 3 – A broad zone (2.0 x 0.8km) of coincident gold (**>10ppb Au**) and copper (**>100ppm Cu**) anomalism has been defined. A discrete bedrock source (250 x 100m, ≥100ppb Au) has been identified in addition to verification of the Au-enriched lateritic horizon identified from historic drilling. Due to the wide spaced sampling in this area (400m line spacing & 200m sample spacing), potential remains to identify further significant “bedrock” Au anomalies.

Rubianna’s Managing Director, Dr Steve Batty, said “identification of multiple anomalous Cu horizons is exciting, especially with the additional structural complexity provided by the NE-SW trending faults that could enhance a mineralised system. We will now focus and prioritise our exploration effort on these anomalous Cu horizons (1 to 4) and structural zones (A to C)”.

Ground geophysics will be undertaken to assist in planning the next stage of drilling, followed by infill Aircore drilling.

ENDS

<sup>1</sup> ASX release 13/02/2012

<sup>2</sup> ASX release 16/05/2011

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The Information in this report that relates to exploration, targeting and mineralisation results is based on information compiled by Dr Steve Batty, who is a Member of the Australasian Institute of Geologists (MAIG) and a full-time employee of the company. Dr Batty 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. Dr Batty consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The drilling used an Aircore (AC) technique. Four metre composite samples were collected using a cross-spear technique to collect representative approximate 2-4 kg samples that were sent to LabWest laboratories, in Perth Western Australia. Samples were analysed using the EXPRESS GOLD+20 exploration suite that includes gold for aqua-regia/ICP-MS (25g sample; 0.5ppb detection limit for Au) in addition to a 20-element suite by microwave-assisted aqua-regia digestion of a separate subsample. Full analytical quality assurance and quality control (QA/QC) is achieved using laboratory standards, field duplicates, laboratory duplicates, repeats and blanks.

The spatial location of collars is by GPS collar survey pickups.

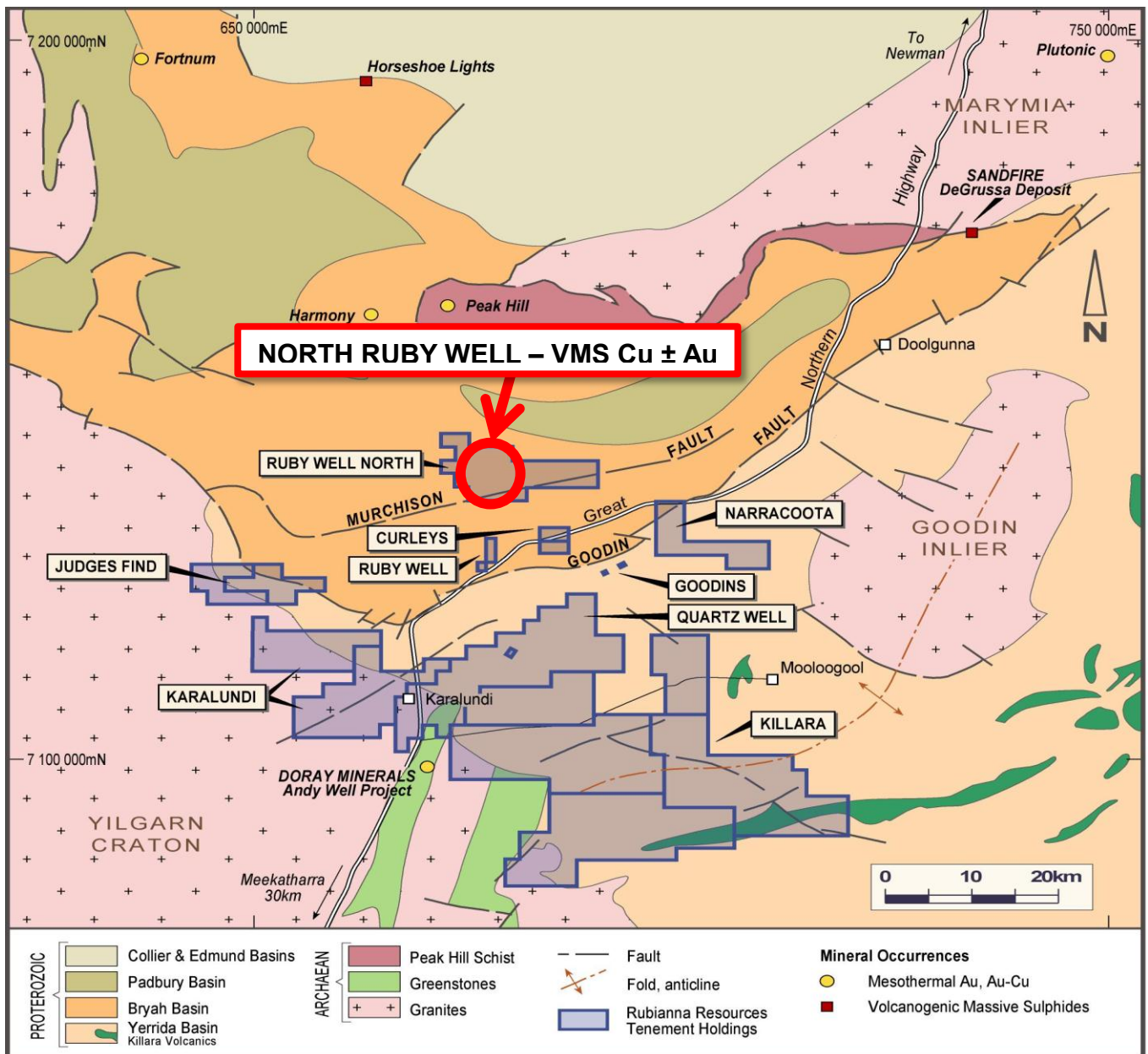


Figure 1: Project Location Map.

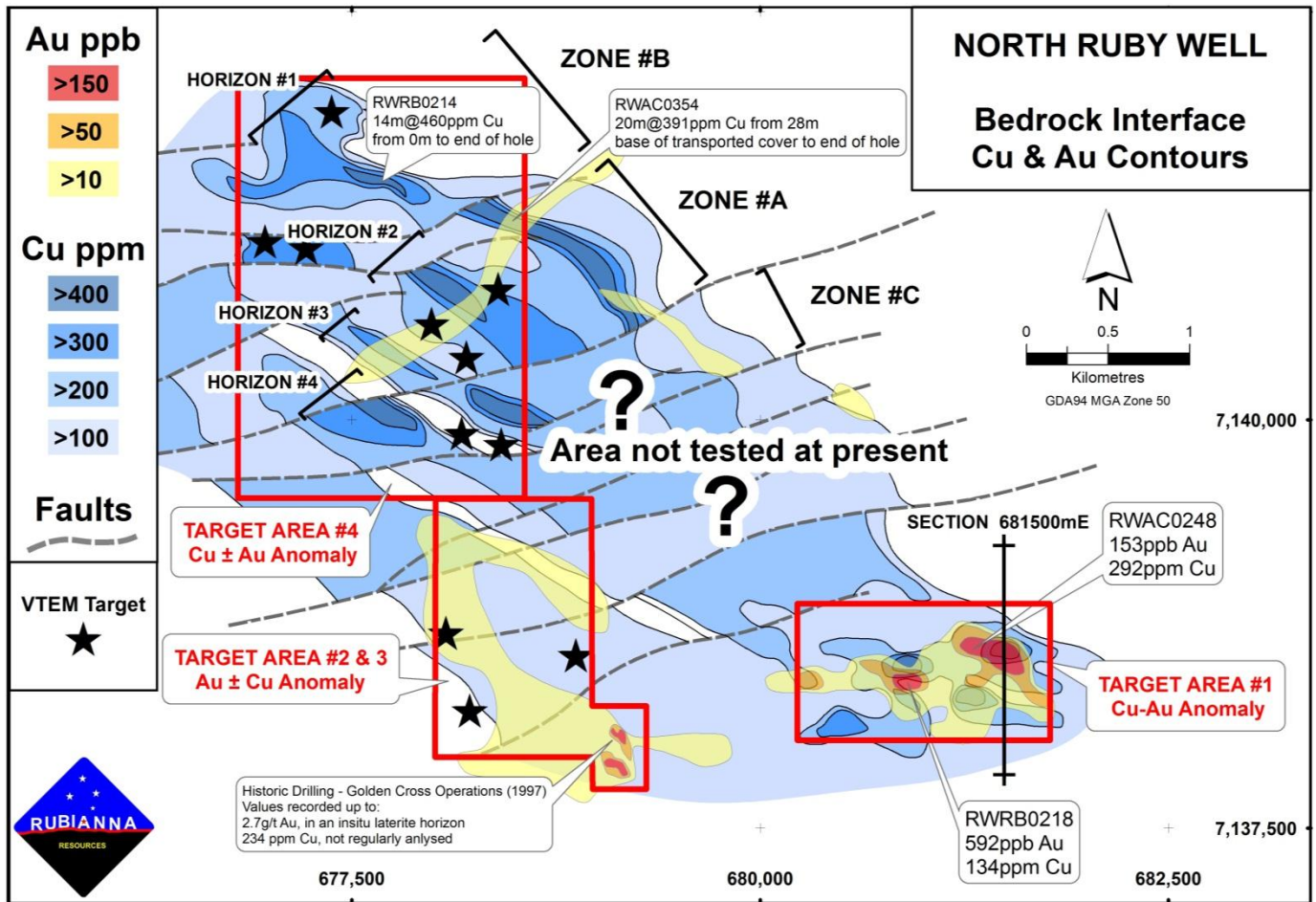


Figure 2: North Ruby Well contours of bedrock “interface” Cu-Au sampling results.

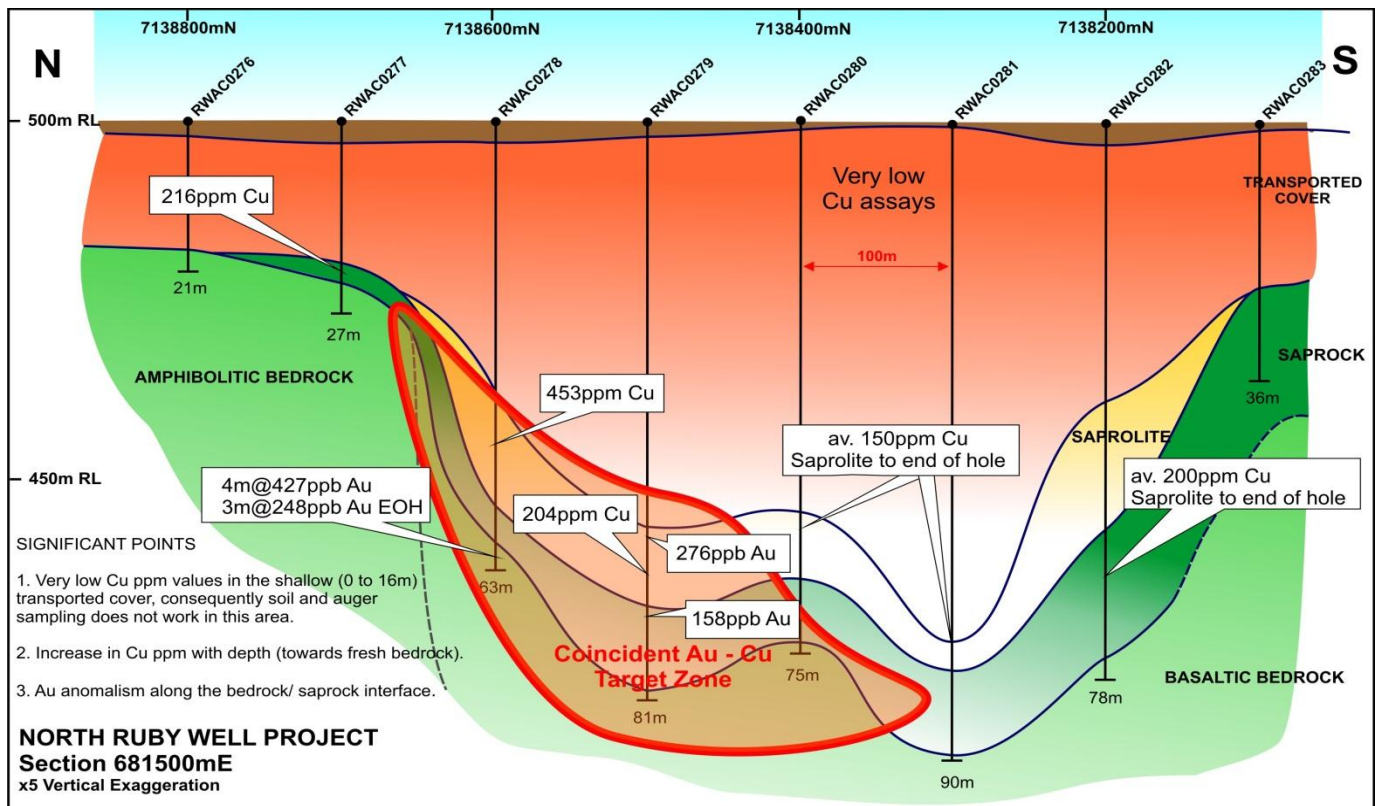


Figure 3: Cross-section 681500mE (shown with x5 vertical exaggeration).

**Table 1: Anomalous Au results from the “Interface” geochemical sampling at North Ruby Well**

*Intersections have been reported using a 0.1g/t “cutoff” and allowance for up to 4m of internal dilution  
Due to vertical drill holes planned to rapidly test and sample the “bedrock interface” for geochemical anomalism, true widths have not been determined as the level of detail needed to calculate accurate true widths is not yet available. As a result, down hole widths have been reported, however, true widths are not expected to significantly change from the down hole widths.*

Hole Number	Easting (GDA)	Northing (GDA)	RL (m)	Azi	Dip	Total Depth (m)	Interval	Au (g/t)	Depth From (m)	Target
RWAC0278	681500	7138600	500	0	-90	63	7	0.35	*56	1
RWAC0279	681500	7138500	500	0	-90	81	4	0.28	56	1
and							4	0.16	68	1
RWAC0317	679160	7138093	500	0	-90	60	8	0.19	48	2
RWAC0319	679120	7138043	500	0	-90	30	4	0.32	0	2
and							4	0.11	12	2
RWAC0320	679160	7138043	500	0	-90	39	3	0.21	*36	2
RWAC0330	679040	7137943	500	0	-90	34	4	0.13	20	2
RWAC0332	679080	7137893	500	0	-90	42	4	0.20	16	2
RWAC0333	679120	7137893	500	0	-90	36	4	0.35	16	2
RWAC0334	679160	7137843	500	0	-90	39	8	0.17	12	2
RWAC0336	679080	7137843	500	0	-90	52	4	0.11	20	2

\* - Mineralisation to End of Hole

**Table 2: Anomalous Cu results from the “Interface” geochemical sampling at North Ruby Well**

*Intersections have been reported using a 300ppm “cutoff” and allowance for up to 4m of internal dilution.  
Due to vertical drill holes planned to rapidly test and sample the “bedrock interface” for geochemical anomalism, true widths have not been determined as the level of detail needed to calculate accurate true widths is not yet available. As a result, down hole widths have been reported, however, true widths are not expected to significantly change from the down hole widths.*

Hole Number	Easting (GDA)	Northing (GDA)	RL (m)	Azi	Dip	Total Depth (m)	Interval	Cu (ppm)	Depth From (m)	Target
RWAC0278	681500	7138600	500	0	-90	63	4	453	44	1
RWAC0285	681300	7138300	500	0	-90	111	3	595	*108	1
RWAC0297	680900	7138300	500	0	-90	48	4	311	12	1
RWAC0298	680900	7138500	500	0	-90	72	4	409	36	1
RWAC0305	680500	7138100	500	0	-90	39	4	363	20	1
RWAC0336	679080	7137843	500	0	-90	52	4	302	32	2
RWAC0348	678464	7140030	500	0	-90	51	8	396	28	4
RWAC0350	678500	7140400	500	0	-90	57	4	359	12	4
RWAC0351	678500	7140600	500	0	-90	54	4	308	12	4
RWAC0354	678500	7141200	500	0	-90	48	20	391	*28	4
RWAC0364	678100	7140800	500	0	-90	78	4	377	32	4
and							4	593	48	4
RWAC0387	677300	7141600	500	0	-90	39	4	308	16	4
RWAC0390	677300	7141000	500	0	-90	39	4	304	4	4
RWAC0395	677300	7140000	500	0	-90	51	4	304	20	4
RWAC0404	676900	7141000	500	0	-90	63	8	325	28	4
and							4	312	48	4
RWAC0406	676900	7141400	500	0	-90	57	4	364	24	4
and							4	320	32	4

\* - Mineralisation to End of Hole

**Table 3: Aircore drill collars for the infill "Interface" geochemical sampling at North Ruby Well**

HOLE ID	DRILL METHOD	GDA94 MGA Zone 50		RL (m)	DEPTH (m)	AZIMUTH	DIP
		EAST	NORTH				
RWAC0269	AC	681700	7138200	500	102	0	-90
RWAC0270	AC	681700	7138300	500	83	0	-90
RWAC0271	AC	681700	7138400	500	78	0	-90
RWAC0272	AC	681700	7138500	500	63	0	-90
RWAC0273	AC	681700	7138600	500	66	0	-90
RWAC0274	AC	681700	7138700	500	36	0	-90
RWAC0275	AC	681700	7138800	500	21	0	-90
RWAC0276	AC	681500	7138800	500	21	0	-90
RWAC0277	AC	681500	7138700	500	27	0	-90
RWAC0278	AC	681500	7138600	500	63	0	-90
RWAC0279	AC	681500	7138500	500	81	0	-90
RWAC0280	AC	681500	7138400	500	75	0	-90
RWAC0281	AC	681500	7138300	500	90	0	-90
RWAC0282	AC	681500	7138200	500	78	0	-90
RWAC0283	AC	681500	7138100	500	36	0	-90
RWAC0284	AC	681300	7138100	500	27	0	-90
RWAC0285	AC	681300	7138300	500	111	0	-90
RWAC0286	AC	681300	7138500	500	81	0	-90
RWAC0287	AC	681300	7138700	500	66	0	-90
RWAC0288	AC	681100	7138800	500	57	0	-90
RWAC0289	AC	681100	7138700	500	55	0	-90
RWAC0290	AC	681100	7138600	500	75	0	-90
RWAC0291	AC	681100	7138500	500	87	0	-90
RWAC0292	AC	681100	7138400	500	69	0	-90
RWAC0293	AC	681100	7138300	500	64	0	-90
RWAC0294	AC	681100	7138200	500	48	0	-90
RWAC0295	AC	681100	7138100	500	25	0	-90
RWAC0296	AC	680900	7138100	500	42	0	-90
RWAC0297	AC	680900	7138300	500	48	0	-90
RWAC0298	AC	680900	7138500	500	72	0	-90
RWAC0299	AC	680700	7138600	500	67	0	-90
RWAC0300	AC	680700	7138500	500	51	0	-90
RWAC0301	AC	680700	7138400	500	36	0	-90
RWAC0302	AC	680700	7138300	500	30	0	-90
RWAC0303	AC	680700	7138200	500	41	0	-90
RWAC0304	AC	680700	7138100	500	37	0	-90
RWAC0305	AC	680500	7138100	500	39	0	-90
RWAC0306	AC	680500	7138300	500	45	0	-90
RWAC0307	AC	680500	7138500	500	33	0	-90
RWAC0308	AC	680300	7138600	500	26	0	-90
RWAC0309	AC	680300	7138500	500	53	0	-90
RWAC0310	AC	680300	7138400	500	48	0	-90
RWAC0311	AC	680300	7138300	500	30	0	-90
RWAC0312	AC	680300	7138200	500	45	0	-90
RWAC0313	AC	679080	7138143	500	50	0	-90
RWAC0314	AC	679120	7138143	500	62	0	-90
RWAC0315	AC	679160	7138143	500	66	0	-90
RWAC0316	AC	679200	7138143	500	55	0	-90
RWAC0317	AC	679160	7138093	500	60	0	-90
RWAC0318	AC	679120	7138093	500	52	0	-90
RWAC0319	AC	679120	7138043	500	30	0	-90
RWAC0320	AC	679160	7138043	500	39	0	-90
RWAC0321	AC	679200	7138043	500	57	0	-90
RWAC0322	AC	679240	7137993	500	29	0	-90

HOLE ID	DRILL METHOD	GDA94 MGA Zone 50		RL (m)	DEPTH (m)	AZIMUTH	DIP
		EAST	NORTH				
RWAC0323	AC	679200	7137993	500	30	0	-90
RWAC0324	AC	679160	7137993	500	36	0	-90
RWAC0325	AC	679240	7137943	500	35	0	-90
RWAC0326	AC	679200	7137943	500	39	0	-90
RWAC0327	AC	679160	7137943	500	24	0	-90
RWAC0328	AC	679120	7137943	500	31	0	-90
RWAC0329	AC	679080	7137943	500	33	0	-90
RWAC0330	AC	679040	7137943	500	34	0	-90
RWAC0332	AC	679080	7137893	500	42	0	-90
RWAC0333	AC	679120	7137893	500	36	0	-90
RWAC0334	AC	679160	7137843	500	39	0	-90
RWAC0335	AC	679120	7137843	500	45	0	-90
RWAC0336	AC	679080	7137843	500	52	0	-90
RWAC0337	AC	679040	7137843	500	54	0	-90
RWAC0338	AC	678900	7138000	500	57	0	-90
RWAC0339	AC	678900	7138200	500	60	0	-90
RWAC0340	AC	678900	7138400	500	63	0	-90
RWAC0341	AC	678900	7138600	500	48	0	-90
RWAC0342	AC	678900	7138800	500	57	0	-90
RWAC0343	AC	678900	7139000	500	75	0	-90
RWAC0344	AC	678900	7139200	500	57	0	-90
RWAC0345	AC	678900	7139400	500	60	0	-90
RWAC0346	AC	678500	7139600	500	54	0	-90
RWAC0347	AC	678500	7139800	500	51	0	-90
RWAC0348	AC	678464	7140030	500	51	0	-90
RWAC0349	AC	678500	7140200	500	49	0	-90
RWAC0350	AC	678500	7140400	500	57	0	-90
RWAC0351	AC	678500	7140600	500	54	0	-90
RWAC0352	AC	678500	7140800	500	64	0	-90
RWAC0353	AC	678500	7141000	500	42	0	-90
RWAC0354	AC	678500	7141200	500	48	0	-90
RWAC0355	AC	678500	7141400	500	13	0	-90
RWAC0356	AC	678500	7141600	500	6	0	-90
RWAC0357	AC	678500	7141800	500	51	0	-90
RWAC0358	AC	678100	7142000	500	42	0	-90
RWAC0359	AC	678100	7141800	500	5	0	-90
RWAC0360	AC	678100	7141600	500	13	0	-90
RWAC0361	AC	678100	7141400	500	28	0	-90
RWAC0362	AC	678100	7141200	500	48	0	-90
RWAC0363	AC	678100	7141000	500	63	0	-90
RWAC0364	AC	678100	7140800	500	78	0	-90
RWAC0365	AC	678100	7140600	500	62	0	-90
RWAC0366	AC	678100	7140400	500	21	0	-90
RWAC0367	AC	678100	7140200	500	51	0	-90
RWAC0368	AC	678100	7140000	500	51	0	-90
RWAC0369	AC	678100	7139800	500	60	0	-90
RWAC0370	AC	678100	7139600	500	42	0	-90
RWAC0371	AC	678100	7139400	500	29	0	-90
RWAC0372	AC	678100	7139200	500	33	0	-90
RWAC0373	AC	678100	7139000	500	36	0	-90
RWAC0374	AC	678100	7138800	500	21	0	-90
RWAC0375	AC	678100	7138600	500	39	0	-90
RWAC0376	AC	678100	7138400	500	48	0	-90
RWAC0377	AC	678100	7138200	500	55	0	-90
RWAC0378	AC	677700	7139800	500	57	0	-90
RWAC0379	AC	677700	7140200	500	52	0	-90

HOLE ID	DRILL METHOD	GDA94 MGA Zone 50		RL (m)	DEPTH (m)	AZIMUTH	DIP
		EAST	NORTH				
RWAC0380	AC	677700	7141000	500	39	0	-90
RWAC0381	AC	677700	7141400	500	38	0	-90
RWAC0382	AC	677700	7141600	500	4	0	-90
RWAC0383	AC	677700	7141800	500	6	0	-90
RWAC0384	AC	677700	7142000	500	18	0	-90
RWAC0385	AC	677300	7142000	500	39	0	-90
RWAC0386	AC	677300	7141800	500	18	0	-90
RWAC0387	AC	677300	7141600	500	39	0	-90
RWAC0388	AC	677300	7141400	500	59	0	-90
RWAC0389	AC	677300	7141200	500	10	0	-90
RWAC0390	AC	677300	7141000	500	39	0	-90
RWAC0391	AC	677300	7140800	500	30	0	-90
RWAC0392	AC	677300	7140600	500	90	0	-90
RWAC0393	AC	677300	7140400	500	7	0	-90
RWAC0394	AC	677300	7140200	500	61	0	-90
RWAC0395	AC	677300	7140000	500	51	0	-90
RWAC0396	AC	677300	7139800	500	42	0	-90
RWAC0397	AC	677300	7139600	500	48	0	-90
RWAC0398	AC	676900	7139800	500	32	0	-90
RWAC0399	AC	676900	7140000	500	69	0	-90
RWAC0400	AC	676900	7140200	500	75	0	-90
RWAC0401	AC	676900	7140400	500	33	0	-90
RWAC0402	AC	676900	7140600	500	51	0	-90
RWAC0403	AC	676900	7140800	500	63	0	-90
RWAC0404	AC	676900	7141000	500	63	0	-90
RWAC0405	AC	676900	7141200	500	63	0	-90
RWAC0406	AC	676900	7141400	500	57	0	-90
RWAC0407	AC	676900	7141600	500	39	0	-90
RWAC0408	AC	676900	7141800	500	45	0	-90
RWAC0409	AC	676900	7142000	500	24	0	-90
RWACO331	AC	679000	7137943	500	53	0	-90