

30th January 2020

ASX ANNOUNCEMENT High Priority Targets Identified Warroo Project, East Pilbara

Warroo Cu-Zn-Pb-Ag-Au-U-Pt Project, East Pilbara - 100% Rumble

- Three contiguous tenements lie east of Rumble's Braeside-Barramine Project, over the **Fortescue/Paterson Province tectonic boundary** of the East Pilbara region. These three tenements form the newly generated **Warroo Project**, comprising an area of 1082 km².
- Airborne magnetics (completed by Rumble) and subsequent interpretation combined with open file review **has highlighted multiple, highly prospective targets along the main Fortescue Group/Paterson Province contact.**

Warroo Hill Member Synform Target

- **Copper and zinc anomalism** is associated with bimodal (felsic to mafic) volcanics and associated volcanoclastics/sediments of the Warroo Hill Member Synform.
- Over **18km of highly prospective strike** under shallow sand cover has been delineated.
 - Historic exploration outlined **extensive copper and zinc** anomalism from shallow broad spaced RAB drilling associated with a large gravity feature.
 - Grab sampling returned significant mineralisation at the Warroo Prospect:
 - **Cu** assays include – **3.43%, 2.04% and 1.51%**
 - **Zn** assays include – **26.0%, 23.5% and 19.1%**

The Warroo Hill Member Synform is considered prospective for VMS, stratiform replacement and intrusive related Cu-Zn-Pb-Ag-Au deposits.

Tarcunyah Unconformity Target

A **regional scale unconformity** overlies the eastern margin of the Fortescue Group.

- The unconformity is a major hiatus (Neoproterozoic over Late Archaean).
- Over **60km of strike potential** identified under shallow sand cover.
- **No previous exploration.**
- Above unconformity lies oxidised quartz rich sandstone. Below unconformity lies reduced shales and carbonates of the Warroo Hill member along with highly radiogenic feldspar rich rocks including granites, syenogranite and felsic volcanics.
- Fault bounded Tarcunyah sandstone outlier identified (**no previous exploration**).

The Tarcunyah Unconformity is considered prospective for Au-U-Pt (unconformity related type) deposits.

Next Steps – JV Potential

- **In line with its corporate strategy**, Rumble will refine target generation prior to completing exploration in its own right and will also consider suitable joint venture opportunities.
- Rumble has **two existing significant joint ventures in Tier 1 jurisdictions**; with Independence Group (ASX:IGO) on Rumble's Fraser Range Project and with AIC Mines (ASX: A1M) on Rumble's Lamil Project in the Paterson Province.



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Rumble Resources Ltd (ASX: RTR) ("Rumble" or "the Company") is pleased to announce that it has generated multiple first order targets at its newly formed Warroo Project, located in the highly sought-after Fortescue/Paterson Province region, which has attracted renewed interest following significant recent discoveries by Rio Tinto Limited at the large Winu copper-gold project and the Newcrest Mining – Greatland Gold joint venture at the exciting Havieron gold-copper project.

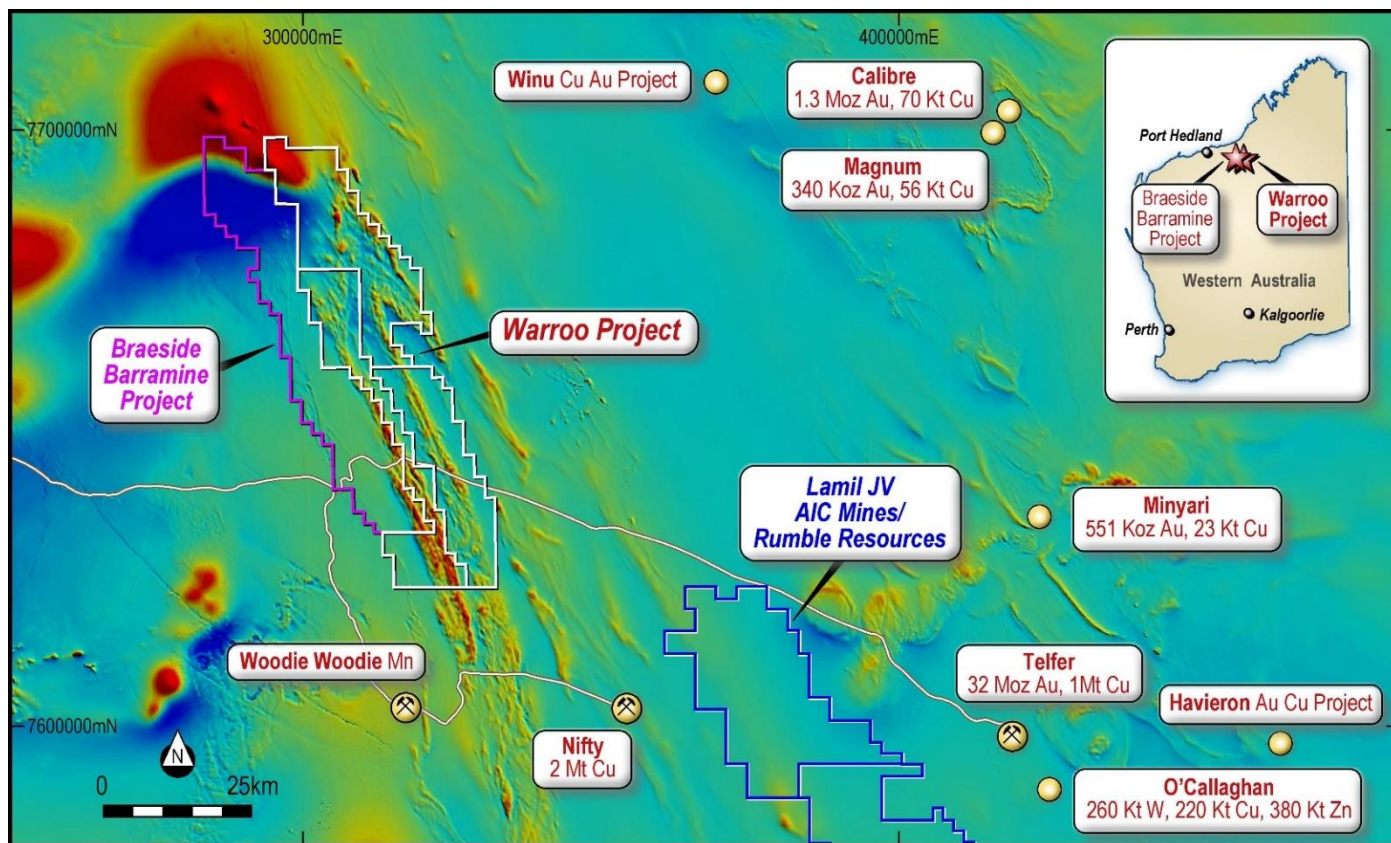


Image 1: Warroo Project Location over Regional Magnetics with Known Deposits

Warroo Project Overview – 100% Rumble

The Warroo Project is contiguous to the east of Rumble's Braeside - Barramine Zn-Pb-Ag (Cu Au V) Projects and lies some 160km to the east of Marble Bar in the East Pilbara region of Western Australia. The project comprises of three exploration licence applications (ELA45/5365, ELA45/5366 and ELA45/5367) for a total area of 1082 km². The tenure is 100% owned by Rumble.

The Warroo Project overlies the Lower Fortescue Group (Late Archaean) rocks adjacent to the main tectonic boundary with the Paterson Province (early to late Proterozoic). Exploration by historic and current companies has been very limited over the project as the main focus was on the highly prospective Paterson Province that lies immediately to the east of Warroo.

Recent work by Rumble Resources on the Braeside Project (west and contiguous with the Warroo Project) has confirmed significant base metal mineralisation (Zn, Pb and Cu) is associated with a large preserved Archaean epithermal-porphyry system. The mineralisation at Braeside is hosted in andesitic basalts and associated volcanics and is controlled by an extensive fracture network over 60km in strike. The age of the mineralisation, host rocks and the likely source (felsic volcanics of the Koongaling Volcanic Member) are similar (2.76 Ga).

Within the Warroo Project, a Late Archaean bimodal volcanic-sedimentary faulted (thrusting) synform (Warroo Hill Member) with strong copper anomalism has **significant potential for VMS, stratiform base metal and intrusive related styles of mineralisation**. The synform forms a part of Fortescue Group Harding Formation. Elsewhere in the Pilbara, the basal formation to the Fortescue Group is typically conglomerate. At Warroo, bimodal volcanism (felsic, andesite and basalt) is associated with volcanics and sediments (including carbonates). The stratigraphy is typical of a rift related bimodal volcanic system, i.e. rhyodacitic volcanism followed by sedimentary basin development with ongoing volcanism evolving into andesite and basalt.

The felsic volcanic sequence (Koongaling Felsic Volcanics - oxidised) associated with the bimodal volcanism is structurally in contact with a large granitoid complex (Gregory Granite Complex). Within the Gregory Granite Complex, A-type granite has been identified based on mineralogy and tectonic setting. A-type granites are generally anorogenic, post tectonic and emplaced in extensional regions (rifts). These granites have a strong radiometric output and often have significant REE, Nb, Ta, U, Sn and W. In general, the Gregory Granite Complex is a mix of metamorphosed syenogranite, granophyre and porphyritic granite with numerous rafts of xenolithic para/ortho amphibolite and felsic metasediments.

A major sandstone unconformity (Tarcunyah Unconformity) occurs along the eastern margin of the Fortescue Group rocks. Above the unconformity, a thick sequence of oxidised quartz sandstones occurs with conglomerates. Underlying the Tarcunyah Unconformity (Neoproterozoic) are the highly radiogenic Gregory Granite Complex and Koongaling Felsic Volcanics (felspar bearing) and the bimodal volcanic-sedimentary synform which hosts reductant carbonates and shales. Tarcunyah sandstone also occurs in fault bounded outliers. Potential for Au, U and Pt.

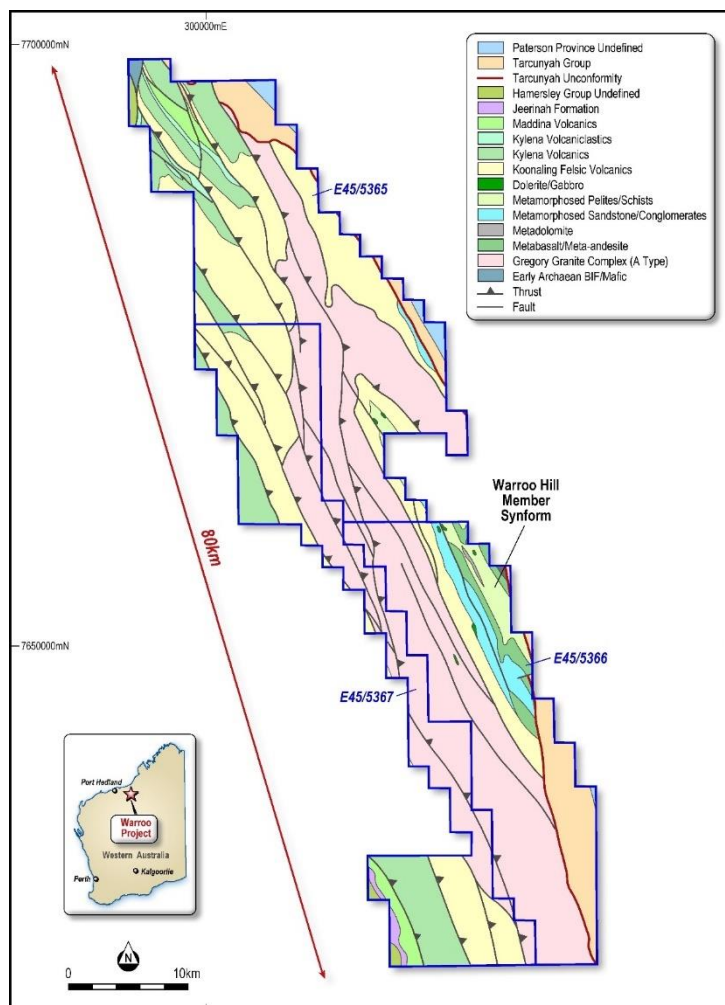


Image 2: Warroo Project – Geology

Airborne Magnetic Survey

To aid in exploration targeting, Rumble completed airborne magnetics over the Lower Fortescue synform structure (Warroo Hill Member) and the southern portion of the Lower Fortescue/Neoproterozoic contact. A total of 798 line km were flown in late October 2019 with data becoming available for interpretation in December 2019. The survey was flown on 400m line spacing to complement existing regional public 400m line spaced airborne magnetic surveys. The new line spacing is 200m.

Historic Exploration (Images 3 & 4)

Shallow RAB drilling (vertical holes) on 500m by 500m spacing was conducted over the northern section of prospective synform in the mid 1990's. The drilling was very shallow (3 to 12m deep) and was aimed at defining lithotypes and geochemistry under extensive shallow sand cover in the area.

Elevated Cu and Zn anomalism was highlighted over a strike of some 10km on 500m by 500m spacing (project area) within metamorphosed volcanoclastics and sediments. Copper (>400ppm) in basement delineated (see image 3 & 4). **No follow up drilling was conducted** and the prospective rocks within the synform are open to the south (18 km strike) within the project area.

Grab sampling at the Warroo Cu-Zn Prospect (within project area – see image 3 & 4)) returned strong mineralisation from multiple samples including.

- Cu – 3.43%, 2.04% and 1.51%
- Zn – 26.0%, 23.5% and 19.1%

No previous exploration has been conducted over the large regional unconformity (Tarcunyah Unconformity).

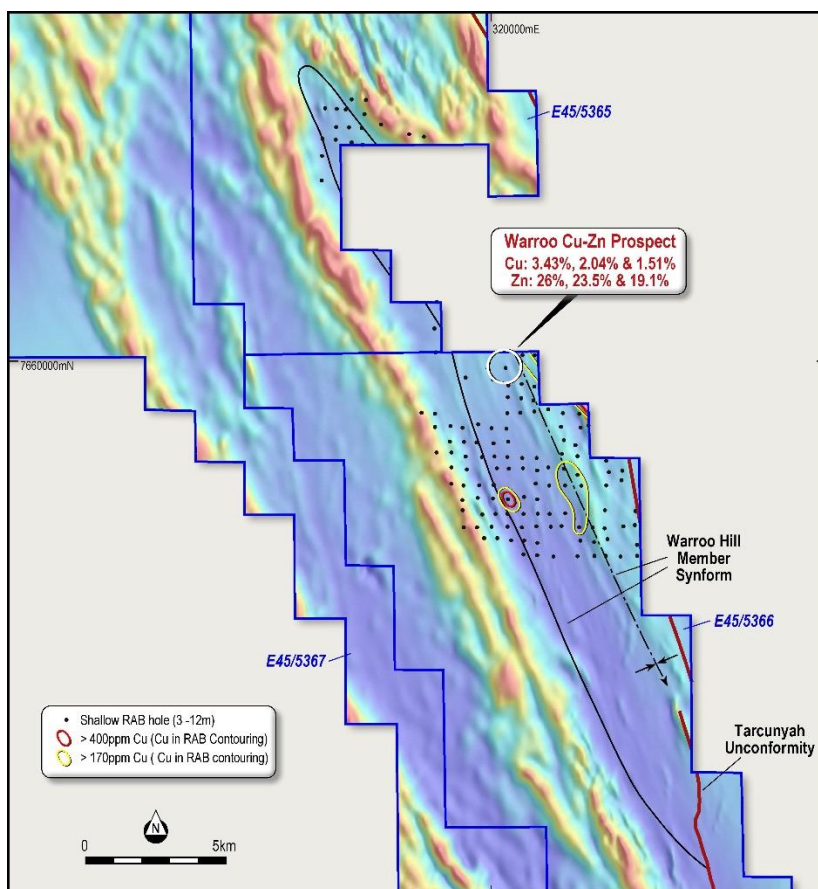


Image 3: Warroo Project - Historic Exploration over Airborne Magnetics

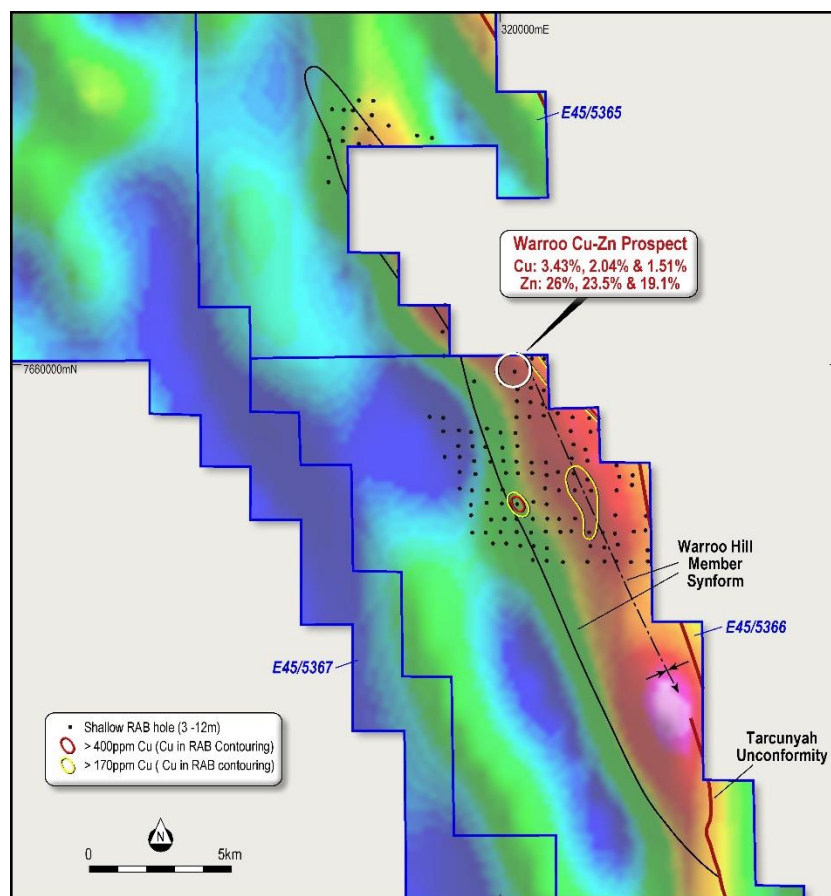


Image 4 – Warroo Project - Historic Exploration over Regional Gravity

Targets (Image 5)

The Warroo Hill Member Synform is prospective for:

- **VMS Cu-Zn-Pb-Ag-Au deposits:**
 - Geological setting ideal for VMS style mineralisation associated with bimodal Archaean rift related tectonism. Large felsic volcanic province (rhyodacite – lower sequence) underlies a sedimentary basin (rift related) comprised of intermediate to mafic volcanics/volcaniclastics and sediments.
- **Stratiform Replacement Cu (Zn Pb Ag Au) deposits:**
 - Early basin (syngenetic) **base metal mineralisation with overprint (later replacement) – copper dominant.**
- **Intrusive Related Cu Zn Pb Ag Au deposits:**
 - High level (porphyry) intrusive related deposits.
- **Over 18km of strike is prospective for Cu Zn Pb Ag Au mineralisation and potential deposits within the Warroo Hill Member Synform (Image 3,4 & 5).**

The Tarcunyah Unconformity is prospective for Au-U-Pt (unconformity related) deposits.

- Upper oxidised sandstone (Neoproterozoic) over reduced basement of shales and carbonates (Warroo Hill Member) and feldspar rich radiogenic felsic volcanics, syenogranite and granite.
- **Some 60km of strike potential associated with the Tarcunyah Unconformity and outlier fault has no previous exploration and has potential for Au U Pt unconformity related deposits.**

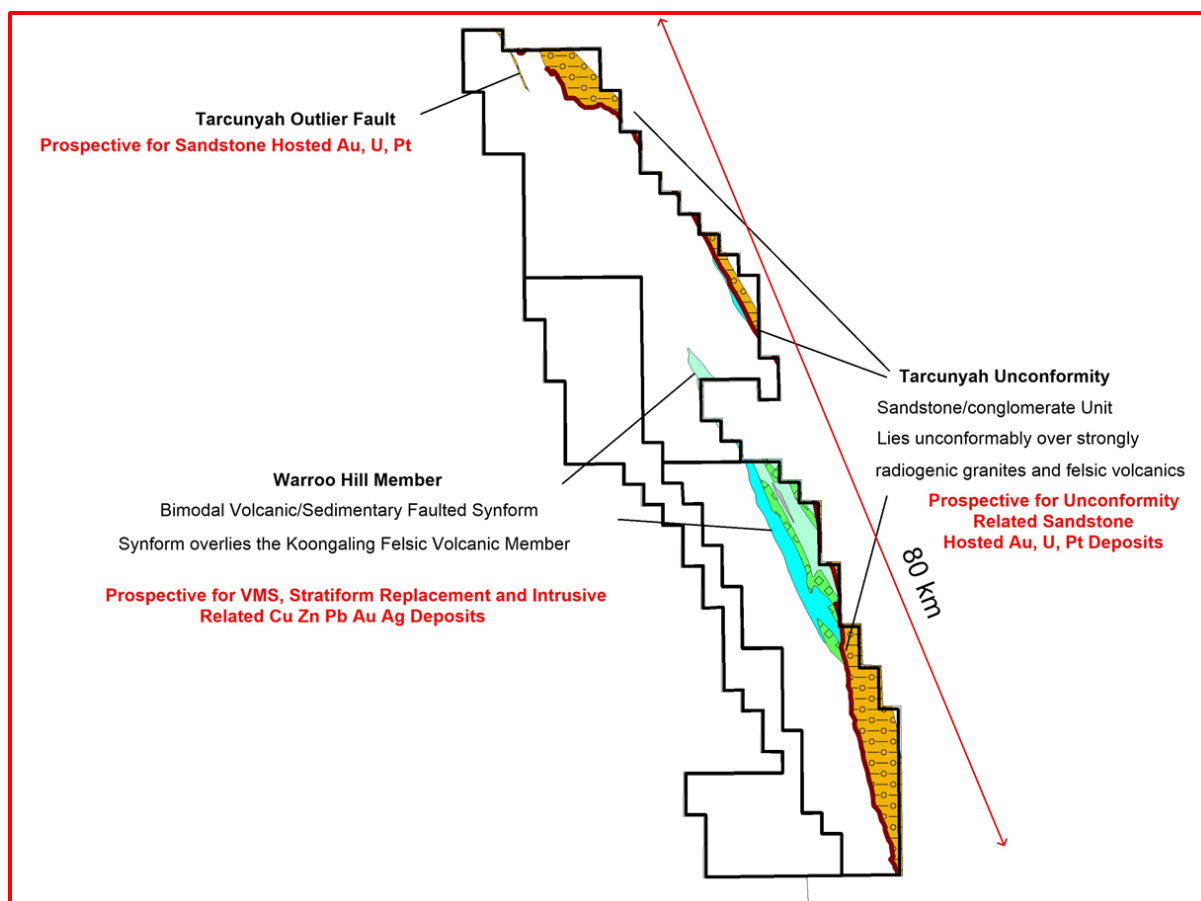


Image 5: Warroo Project – Summary of Prospectivity



Next Steps – JV Potential

In line with its strategy, Rumble will refine target generation prior to completing exploration in its own right and also consider suitable joint venture opportunities and partners.

Rumble has recently secured two significant joint ventures in Tier 1 jurisdictions, one with Independence Group (ASX: IGO) on Rumble's Fraser Range Project and another with AIC Mines (ASX: A1M) on Rumble's Lamil Project in the Paterson Province.

Authorised for release by Shane Sikora, Managing Director of the Company.

- Ends -

About Rumble Resources Ltd

Rumble Resources Ltd is an Australian based exploration company, officially admitted to the ASX on the 1st July 2011. Rumble was established with the aim of adding significant value to its current gold and base metal assets and will continue to look at mineral acquisition opportunities both in Australia and abroad.

Forward Looking and Cautionary Statement

The information in this report that relates to historic exploration results was collected from DMP reports submitted by government agencies and previous explorers. Rumble has not completed the historical data or the verification process. As sufficient work has not yet been done to verify the historical exploration results, investors are cautioned against placing undue reliance on them.

Competent Persons Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Brett Keillor, who is a Member of the Australasian Institute of Mining & Metallurgy and the Australian Institute of Geoscientists. Mr Keillor is an employee of Rumble Resources Limited. Mr Keillor has sufficient experience 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 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Keillor consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Table 1. Location of Historic Shallow RAB Drilling with Cu and Zn Assays

Hole ID Nom	E (MGA94 Z51)	N (MGA94 Z51)	Hole Depth (m)	RL (m) Nom	Azi	Dip	EOH Cu_PPM	EOH Zn_PPM
WRB001	315177	7669180	3	300	0	-90	20	0
WRB002	315667	7669158	3	300	0	-90	12	0
WRB003	314229	7668864	3	300	0	-90	46	0
WRB004	314638	7668847	3	300	0	-90	40	0
WRB005	314956	7668829	3	300	0	-90	99	324
WRB006	315610	7668656	3	300	0	-90	35	0
WRB007	314132	7667788	3	300	0	-90	34	0
WRB008	314591	7667762	3	300	0	-90	240	0
WRB009	314621	7668191	3	300	0	-90	69	0
WRB010	315060	7668182	3	300	0	-90	25	0
WRB011	315167	7667656	3	300	0	-90	64	0
WRB012	315526	7668177	3	300	0	-90	22	0
WRB013	316182	7668294	3	300	0	-90	35	0
WRB014	317689	7667861	3	300	0	-90	71	0
WRB015	317171	7667948	3	300	0	-90	49	0
WRB016	316030	7667565	3	300	0	-90	45	0
WRB017	315567	7667541	3	300	0	-90	77	340
WRB018	314119	7667184	3	300	0	-90	13	0
WRB019	317037	7663198	3	300	0	-90	87	655
WRB020	314119	7666326	3	300	0	-90	25	0
WRB021	316626	7664269	3	300	0	-90	105	0
WRB022	317622	7664172	3	300	0	-90	1500	351
WRB023	316561	7663239	3	300	0	-90	54	0
WRB024	317637	7663137	3	300	0	-90	193	0
WRB025	316648	7662524	3	300	0	-90	22	0
WRB026	317124	7662542	3	300	0	-90	12	0
WRB027	317669	7662546	3	300	0	-90	144	155
WRB028	317635	7662091	3	300	0	-90	11	0
WRB029	318135	7662117	3	300	0	-90	44	0
WRB030	318163	7662674	3	300	0	-90	242	0
WRB031	318087	7663178	3	300	0	-90	27	0
WRB032	318527	7665685	3	300	0	-90	267	0
WRB033	318042	7664161	3	300	0	-90	202	0
WRB034	319170	7665666	3	300	0	-90	124	0
WRB035	318566	7665181	3	300	0	-90	45	0
WRB036	319332	7665138	3	300	0	-90	51	0
WRB037	319140	7664559	3	300	0	-90	42	0
WRB038	318661	7664113	3	300	0	-90	65	0
WRB039	319038	7664081	3	300	0	-90	60	0
WRB040	317693	7663676	3	300	0	-90	163	0
WRB041	318100	7663693	3	300	0	-90	967	253
WRB042	318598	7663169	3	300	0	-90	108	169
WRB043	319088	7663607	3	300	0	-90	87	0
WRB044	319239	7663081	3	300	0	-90	60	0
WRB045	320188	7656631	3	300	0	-90	83	0
WRB046	318655	7656773	3	300	0	-90	19	0
WRB047	320642	7658150	3	300	0	-90	35	0
WRB048	320588	7657611	3	300	0	-90	5	0
WRB049	320081	7657629	3	300	0	-90	15	0
WRB050	319622	7657756	3	300	0	-90	57	0
WRB051	319060	7657648	3	300	0	-90	27	0
WRB052	318633	7657707	3	300	0	-90	12	0
WRB053	318094	7657679	3	300	0	-90	31	0
WRB054	318624	7657159	3	300	0	-90	13	0
WRB055	318152	7656780	3	300	0	-90	23	0
WRB056	319105	7657159	3	300	0	-90	27	0
WRB057	319164	7656635	3	300	0	-90	17	0
WRB058	319545	7657126	3	300	0	-90	142	379
WRB059	320151	7657105	3	300	0	-90	5	0
WRB060	320664	7657163	3	300	0	-90	33	0
WRB061	317626	7658174	3	300	0	-90	21	0
WRB062	318094	7658148	3	300	0	-90	11	0
WRB063	318691	7662695	3	300	0	-90	106	0
WRB064	319239	7662643	3	300	0	-90	239	0
WRB065	318966	7662210	3	300	0	-90	24	0
WRB066	318659	7662043	3	300	0	-90	176	0
WRB067	318679	7661714	3	300	0	-90	23	127
WRB068	319053	7661680	3	300	0	-90	60	125
WRB069	318064	7661147	3	300	0	-90	20	0



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WRB070	318798	7661160	3	300	0	-90	56	0
WRB071	319267	7661065	3	300	0	-90	97	158
WRB072	320668	7661041	3	300	0	-90	475	235
WRB073	320463	7661117	3	300	0	-90	526	424
WRB074	320092	7661041	3	300	0	-90	125	0
WRB075	319612	7661576	3	300	0	-90	83	136
WRB076	320144	7661565	3	300	0	-90	444	135
WRB077	320131	7659320	3	300	0	-90	60	0
WRB078	319127	7660363	3	300	0	-90	54	0
WRB079	318113	7660320	3	300	0	-90	30	0
WRB080	319733	7660837	3	300	0	-90	69	0
WRB081	320129	7660610	3	300	0	-90	37	0
WRB082	320644	7660448	3	300	0	-90	148	123
WRB083	320642	7660740	3	300	0	-90	50	0
WRB084	319161	7659402	3	300	0	-90	87	0
WRB085	319962	7659733	3	300	0	-90	66	0
WRB086	320573	7659766	3	300	0	-90	209	0
WRB087	320657	7659123	3	300	0	-90	45	0
WRB088	320642	7658711	3	300	0	-90	109	0
WRB089	318657	7656256	3	300	0	-90	19	0
WRB090	318652	7655674	3	300	0	-90	49	0
WRB091	319207	7656187	3	300	0	-90	14	0
WRB092	319083	7655613	3	300	0	-90	31	0
WRB093	319044	7655102	3	300	0	-90	18	0
WRB094	319722	7656622	3	300	0	-90	71	118
WRB095	320272	7656228	3	300	0	-90	32	0
WRB096	320162	7655639	3	300	0	-90	35	0
WRB097	319655	7655635	3	300	0	-90	19	0
WRB098	319586	7655193	3	300	0	-90	18	0
WRB099	320123	7655167	3	300	0	-90	20	0
WRB100	319062	7654729	3	300	0	-90	19	0
WRB101	319748	7654595	3	300	0	-90	13	0
WRB102	320222	7654641	3	300	0	-90	17	0
WRB103	319109	7654143	3	300	0	-90	18	0
WRB104	319566	7654134	3	300	0	-90	93	0
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WRB106	319819	7653768	3	300	0	-90	14	0
WRB107	320281	7653759	3	300	0	-90	12	0
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WRB109	319566	7664685	3	300	0	-90	52	0
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WRB120	320612	7663198	3	300	0	-90	224	0
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WRB122	319778	7662758	3	300	0	-90	94	0
WRB123	320203	7662548	3	300	0	-90	72	0
WRB124	320188	7662840	3	300	0	-90	109	0
WRB125	320670	7662541	3	300	0	-90	147	122
WRB126	321142	7662719	3	300	0	-90	105	213
WRB127	321231	7662115	3	300	0	-90	88	0
WRB128	320673	7662063	3	300	0	-90	124	0
WRB129	322682	7654636	3	300	0	-90	38	0
WRB130	322117	7654626	3	300	0	-90	34	0
WRB131	321703	7654630	3	300	0	-90	39	0
WRB132	321210	7654608	3	300	0	-90	19	0
WRB133	320631	7654641	3	300	0	-90	44	0
WRB134	320644	7654160	3	300	0	-90	119	0
WRB135	321134	7654149	3	300	0	-90	57	0
WRB136	321653	7654195	3	300	0	-90	35	0
WRB137	322186	7654164	3	300	0	-90	10	0
WRB138	322546	7654184	3	300	0	-90	53	108



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WRB140	321688	7653164	3	300	0	-90	104	0
WRB141	321205	7653199	3	300	0	-90	79	542
WRB142	321677	7653606	3	300	0	-90	30	0
WRB143	321238	7653682	3	300	0	-90	132	0
WRB144	320761	7653695	3	300	0	-90	14	0
WRB145	322095	7655630	3	300	0	-90	104	0
WRB146	320642	7656622	3	300	0	-90	39	112
WRB147	320683	7656226	3	300	0	-90	13	0
WRB148	321168	7656583	3	300	0	-90	75	0
WRB149	321662	7656585	3	300	0	-90	42	104
WRB150	322054	7656252	3	300	0	-90	72	128
WRB151	321673	7656145	3	300	0	-90	42	0
WRB152	321173	7656234	3	300	0	-90	10	0
WRB153	321623	7655680	3	300	0	-90	52	0
WRB154	321214	7655214	3	300	0	-90	82	0
WRB155	321675	7655134	3	300	0	-90	22	0
WRB156	320657	7655128	3	300	0	-90	592	276
WRB157	322682	7655630	3	300	0	-90	186	122
WRB158	322615	7656215	3	300	0	-90	214	0
WRB159	323104	7655990	3	300	0	-90	245	143
WRB160	323225	7655622	3	300	0	-90	240	191
WRB161	321565	7658597	3	300	0	-90	30	0
WRB162	321106	7659690	3	300	0	-90	66	0
WRB163	321138	7659188	3	300	0	-90	115	122
WRB164	321125	7658677	3	300	0	-90	155	0
WRB165	321580	7659066	3	300	0	-90	55	0
WRB166	322054	7659196	3	300	0	-90	318	0
WRB167	322600	7659173	3	300	0	-90	209	0
WRB168	322747	7658636	3	300	0	-90	35	0
WRB169	322188	7658664	3	300	0	-90	69	0
WRB170	322080	7658304	3	300	0	-90	290	0
WRB171	321586	7658237	3	300	0	-90	90	268
WRB172	321084	7658168	3	300	0	-90	51	0
WRB173	322530	7657681	3	300	0	-90	74	0
WRB174	322630	7657202	3	300	0	-90	126	0
WRB175	322556	7656721	3	300	0	-90	68	0
WRB176	322613	7658157	3	300	0	-90	80	0
WRB177	321140	7660227	3	300	0	-90	171	0
WRB178	322156	7661615	3	300	0	-90	91	0
WRB179	321677	7661582	3	300	0	-90	49	0
WRB180	322047	7660913	3	300	0	-90	147	108
WRB181	322145	7660207	3	300	0	-90	53	184
WRB182	321636	7660229	3	300	0	-90	33	0
WRB183	322662	7661602	3	300	0	-90	16	0
WRB184	323139	7661567	3	300	0	-90	56	0
WRB185	323132	7661121	3	300	0	-90	9	0
WRB186	322766	7661128	3	300	0	-90	22	0
WRB187	322641	7660716	3	300	0	-90	77	0
WRB188	322574	7660214	3	300	0	-90	15	0
WRB189	323160	7660212	3	300	0	-90	60	0
WRB190	322563	7659790	3	300	0	-90	80	0
WRB191	323093	7659807	3	300	0	-90	142	0
WRB192	323225	7663050	3	300	0	-90	35	0
WRB193	321699	7662093	3	300	0	-90	81	0
WRB194	321669	7662706	3	300	0	-90	20	0
WRB195	322169	7662726	3	300	0	-90	45	0
WRB196	322223	7662074	3	300	0	-90	90	0
WRB197	322221	7663717	3	300	0	-90	57	0
WRB198	323240	7663628	3	300	0	-90	65	0
WRB199	321725	7663200	3	300	0	-90	14	0
WRB200	322643	7663223	3	300	0	-90	59	0
WRB201	322662	7662786	3	300	0	-90	32	0
WRB202	323100	7662713	3	300	0	-90	22	0
WRB203	322563	7662156	3	300	0	-90	20	0
WRB204	322966	7662232	3	300	0	-90	350	0
WRB205	324622	7653110	3	300	0	-90	99	0
WRB206	323641	7654145	3	300	0	-90	19	0
WRB207	324678	7656611	3	300	0	-90	53	0

Hole ID Nom	E (MGA94 Z51)	N (MGA94 Z51)	Hole Depth (m)	RL (m) Nom	Azi	Dip	EOH Cu_PPM	EOH Zn_PPM
WRB208	324098	7656473	3	300	0	-90	79	208
WRB209	323691	7656644	3	300	0	-90	103	0
WRB210	323111	7656650	3	300	0	-90	68	0
WRB211	324200	7656107	3	300	0	-90	95	0
WRB212	324667	7656137	3	300	0	-90	76	0
WRB213	324654	7655808	3	300	0	-90	28	0
WRB214	324133	7655598	3	300	0	-90	39	0
WRB215	324068	7654736	3	300	0	-90	32	0
WRB216	323167	7654158	3	300	0	-90	197	0
WRB217	324044	7654130	3	300	0	-90	19	0
WRB218	324726	7654171	3	300	0	-90	133	132
WRB219	324087	7653145	3	300	0	-90	50	0
WRB220	324161	7653738	3	300	0	-90	25	0
WRB221	323676	7653614	3	300	0	-90	81	0
WRB222	323191	7653684	3	300	0	-90	63	0
WRB223	323697	7653138	3	300	0	-90	145	112
WRB224	323104	7653129	3	300	0	-90	30	0
WRB225	323208	7659164	3	300	0	-90	221	151
WRB226	323191	7657650	3	300	0	-90	14	0
WRB227	323522	7657713	3	300	0	-90	78	0
WRB228	324167	7657717	3	300	0	-90	161	140
WRB229	324665	7657674	3	300	0	-90	75	0
WRB230	325217	7657598	3	300	0	-90	94	0
WRB231	324137	7657250	3	300	0	-90	13	0
WRB232	324698	7657152	3	300	0	-90	57	0
WRB233	323035	7657048	3	300	0	-90	38	0
WRB234	323176	7658687	3	300	0	-90	401	0
WRB235	323152	7658133	3	300	0	-90	13	0
WRB236	323687	7658179	3	300	0	-90	482	1630
WRB237	325204	7658146	3	300	0	-90	125	0
WRB238	325142	7654719	3	300	0	-90	20	0
WRB239	325046	7656819	3	300	0	-90	54	0
WRB240	325126	7654216	3	300	0	-90	205	145
WRB241	325700	7654143	3	300	0	-90	70	0
WRB242	326159	7654154	3	300	0	-90	93	0
WRB243	326666	7653686	3	300	0	-90	80	109
WRB244	326079	7653147	3	300	0	-90	20	0
WRB245	325650	7653140	3	300	0	-90	53	0
WRB246	325211	7653121	3	300	0	-90	50	0
WRB247	325207	7653541	3	300	0	-90	119	192

Table 1 Cont. - Location of Historic Shallow RAB Drilling with Cu and Zn Assays

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 (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</i> <i>Include reference to 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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.</i> 	<ul style="list-style-type: none"> No sampling completed by Rumble. Historic data only. Historic geochemistry is based on regolith drilling reviewed and compiled from hard copy – Fodina Minerals 1993-1995 – Annual Technical Report E45/1394 (1994) No record of how sample was taken or assay methodology.
Drilling techniques	<ul style="list-style-type: none"> <i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).</i> 	<ul style="list-style-type: none"> Historic drilling was rotary air blast drilling. Type and size of rig not reported.
Drill sample recovery	<ul style="list-style-type: none"> <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> <i>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.</i> 	<ul style="list-style-type: none"> Historic RAB drilling methodology not reported.
Logging	<ul style="list-style-type: none"> <i>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.</i> <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i> <i>The total length and percentage of the relevant intersections logged.</i> 	<ul style="list-style-type: none"> Historic RAB drilling reported end of hole lithology.
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> <i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i> <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> <i>Measures taken to ensure that the sampling is representative of the in situ material collected,</i> 	<ul style="list-style-type: none"> Historic RAB drilling. Sampling methodology not reported. Drilling effectively is regolith geochemistry – delineating geochemical trends on wide space drilling.

Criteria	JORC Code explanation	Commentary
	<p>including for instance results for field duplicate/second-half sampling.</p> <ul style="list-style-type: none"> Whether sample sizes are appropriate to the grain size of the material being sampled. 	
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 adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	<ul style="list-style-type: none"> Sample assaying and methodology not reported. Hard copy assay reporting included assaying for: Cu, Pb, Zn, Fe, Mn and As.
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"> Historic drilling only. As reported in Open File
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"> Survey location digitised from hard copy and presented in MGA94 Z51.
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"> Historic drilling completed on 500m by 500m pattern
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"> Not applicable to the historic drilling
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> Sample security measures not known for the historical data
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"> It is not known if any audits or reviews completed for the historical data

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <i>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.</i> <i>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.</i> 	<ul style="list-style-type: none"> The Warroo Project comprises of three exploration license applications ELA45/5365 ELA45/5366 ELA45/5367 Rumble Resources holds 100% of all tenure.
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <i>Acknowledgment and appraisal of exploration by other parties.</i> 	<ul style="list-style-type: none"> Historic exploration only – Open File
<i>Geology</i>	<ul style="list-style-type: none"> <i>Deposit type, geological setting and style of mineralisation.</i> 	<ul style="list-style-type: none"> Deposit types (conceptual targets) Base metal deposits related to bimodal volcanics include VMS, stratiform replacement and intrusion related types Unconformity Au Pt U type (Alligator River type)
<i>Drill hole Information</i>	<ul style="list-style-type: none"> <i>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:</i> <ul style="list-style-type: none"> <i>easting and northing of the drill hole collar</i> <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i> <i>dip and azimuth of the hole</i> <i>down hole length and interception depth</i> <i>hole length.</i> <i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i> 	<ul style="list-style-type: none"> Table 1 presents the end of hole Cu and Zn assays. Historic exploration completed by Fodina Minerals 1993-1995 – Annual Technical Report E45/1394 (1994)
<i>Data aggregation methods</i>	<ul style="list-style-type: none"> <i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</i> <i>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.</i> <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i> 	<ul style="list-style-type: none"> Historic Data – no data available on methodology.
<i>Relationship between mineralisation widths and</i>	<ul style="list-style-type: none"> <i>These relationships are particularly important in the reporting of Exploration Results.</i> <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i> 	<ul style="list-style-type: none"> Historic data – no data available on methodology

Criteria	JORC Code explanation	Commentary
<i>intercept lengths</i>	<ul style="list-style-type: none"> <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</i> 	
<i>Diagrams</i>	<ul style="list-style-type: none"> <i>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.</i> 	<ul style="list-style-type: none"> Image 1 - Warroo Project Location over Regional Magnetics with Known Deposits Image 2 - Warroo Project – Geology Image 3 - Warroo Project - Historic Exploration over Airborne Magnetics Image 4 - Warroo Project - Historic Exploration over Regional Gravity Image 5 - Warroo Project – Summary of Prospectivity
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <i>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.</i> 	<ul style="list-style-type: none"> Includes historical data
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <i>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.</i> 	<ul style="list-style-type: none"> Rumble completed infill airborne magnetics Dec 2019 for a total of 798 line km. Geochemistry results taken from hard copies (plans) – Refer to Fodina Mineral 1994 Annual Report E45/1394 – A41943
<i>Further work</i>	<ul style="list-style-type: none"> <i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i> 	<ul style="list-style-type: none"> Subject to granting, further work will include regional geochemistry to ascertain potential mineralisation corridors.