



ASX ANNOUNCEMENT

29th January 2021



Results from Soil Sampling Program at Midas Cu-Au Project

HIGHLIGHTS

- ❖ Results have been received and reviewed from both the Ionic Leach™ and traditional soil geochemistry sampling across the Midas Cu-Au Project
- ❖ The first pass sampling program was able to test 5 of the 7 priority target areas identified by earlier studies (refer ASX announcement 17 June 2020), including part the Coolbro Creek prospect and the previously untested Northwest Graben and the Midas Half Graben
- ❖ Thirty seven (37) Ionic Leach™ samples returned copper results above 830ppb, with a 3km long corridor identified, under transported cover in the North Western Structural Zone
- ❖ Copper values from traditional soil geochemistry up to 5,500ppb over broad areas, representing a high background reading, to be ground checked

White Cliff Minerals Limited (**White Cliff** or the **Company**) is pleased to advise shareholders that it has completed the review of the results of the maiden geochemical sampling program at the Midas Cu-Au Project.

During the multi-week program, 502 samples were taken across 5 of 7 priority target areas identified by the Company. Samples were analysed by ALS Laboratories in Perth in two batches, for multi-element traditional and IONIC Leach™ analysis, with results returning later than expected due to extraordinary laboratory work load resulting in a longer than normal sample turn-around time.

Technical Director, Edward Mead said, "Our previous detailed technical review highlighted 21 prospective targets across the two tenements, with the 7 priority targets the focus of this sampling program. Due to logistical challenges, only 5 of these targets were sampled during the program. The Ionic Leach™ and conventional soil sampling has highlighted anomalous copper results which are associated with structural features. Given the level of cover in parts of the tenement, the first pass results were pleasing.

ASX:WCN

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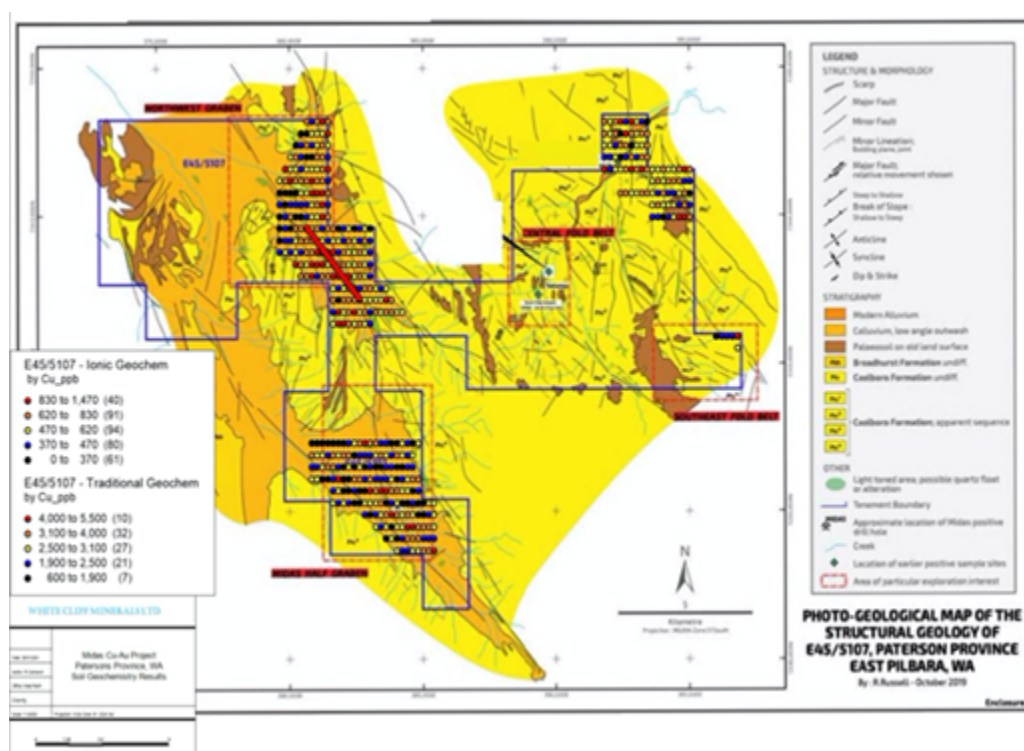
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"We look forward to follow-up work at Midas, in particular the two remaining priority targets that we were unable to sample in the previous program."

Geochemical Sampling Program

The maiden geochemical sampling program was carried out by XM Logistics under the guidance of the Company's exploration geologist. The program consisted of 502 samples spaced 200 metres apart on 400 metre spaced EW lines for approximately 105-line km of sampling. Ionic Leach™ soil geochemistry sampling was conducted over the North West Graben and the Midas Graben which were suited to this low-level mobile ion technique due to the alluvial cover.

The conventional soil geochemistry sampling, conducted over the Eastern Coolbro Creek geochemical target was deemed more appropriate for the soil type identified in the field by the Company Geologist. All samples were sent to ALS Laboratories in Perth for multi-element assay. The sampling program covered 5 of the priority target areas across E45/5107 (refer **Figures 1** and **2**). The remoteness of the area, coupled with harsh terrain in the Central and Eastern Areas, excluded sampling over the Central Fold Belt (which includes the Table Top prospect) and the Southeast Fold Belt. Results from the samples points that could be safely collected are lower than anticipated, however there still remains untested areas within the tenement.



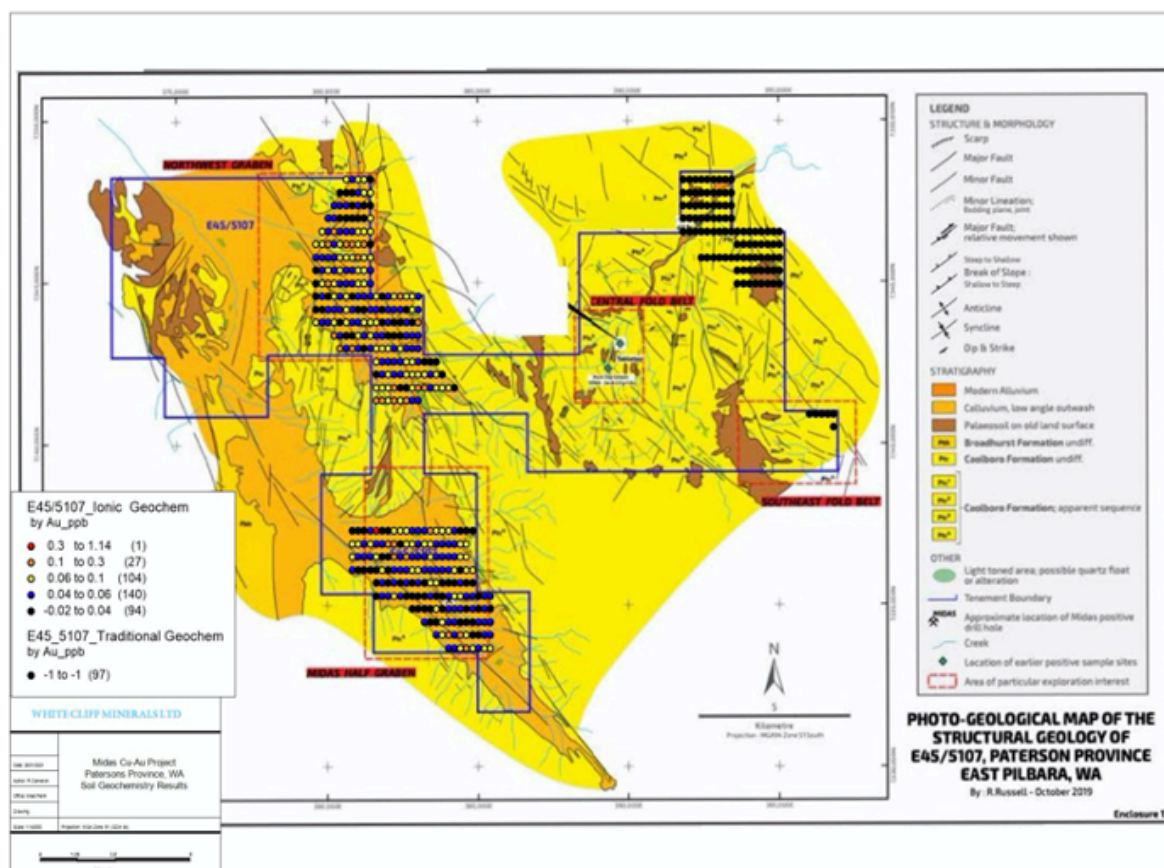


Figure 2: Traditional gold soil geochemistry and an order of magnitude higher Ionic Leach™ results covering 5 of the 7 priority prospects

Project Overview

The Paterson Province comprises a Paleoproterozoic basement of Rudall Complex metamorphic rocks overlain by Neoproterozoic sediments of the Yeneena and northwestern Officer Basins, and Paleozoic Canning Basin sediments to the northeast. The province hosts several world-class deposits: Telfer gold-copper mine, Nifty copper mine and Kintyre uranium deposit. The recent Winu and Havieron discoveries are being considered as intrusion-related copper-gold mineralisation hosted in buried Yeneena Basin sediments on the Anketell Shelf. They are located proximal to major NW to NNW-trending faults.

Information available on the mineralisation indicates it is dense, magnetic, conductive and potentially chargeable, making it a good target for geophysical exploration, particularly given that mineralisation underlies Canning Basin sediments and is blind to surface.

The Midas Cu Au Projects are located on major granite dome structures, have highly prospective fault structures, and in the case of E45/5107 have significant historical stream sediment sampling programs completed by CRA Exploration in the 80s, with follow up rock-chip sampling reported in WAMEX reports.

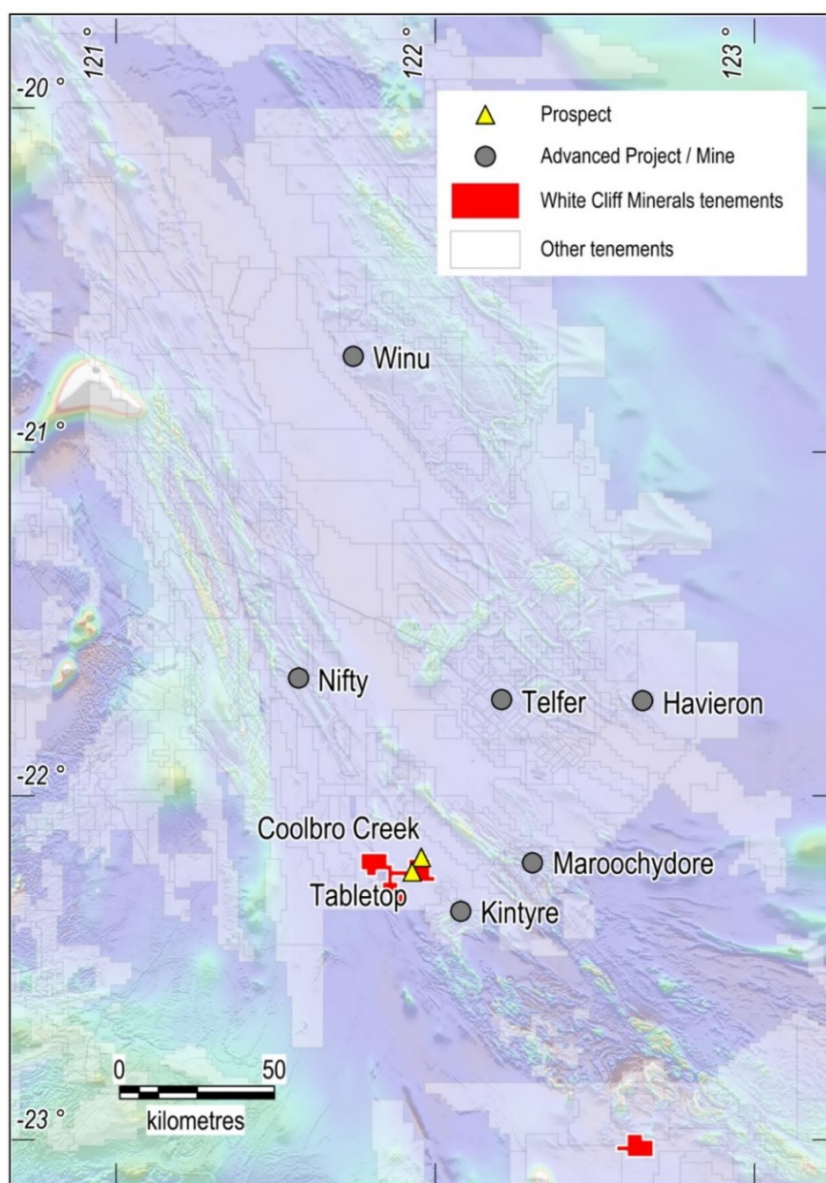


Figure 3: Midas Cu Au Project location (E45/5107 and E45/5112) relative to significant projects in the Paterson Province overlying the regional magnetics.

This announcement has been approved by the Board of White Cliff Minerals Limited.

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Competent Persons Statement

The Information in this report that relates to exploration results, mineral resources or ore reserves is based on information compiled by Mr Edward Mead, who is a Member of the Australian Institute of Mining and Metallurgy. Mr Mead is a director of the company. Mr Mead has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (the JORC Code). Mr Mead consents to the inclusion of this information in the form and context in which it appears in this report.

Table 1. Cu and Au results returned from the Ionic Leach soil geochemistry (830ppb+ highlighted).

Sample_ID	GDA_East_Z51	GDA_North_Z51	Analysis Type	Au_ppb	Cu_ppb
MDSI001	384000	7533700	Ionic Leach	0.05	490
MDSI002	384200	7533700	Ionic Leach	0.04	449
MDSI003	384400	7533700	Ionic Leach	0.07	376
MDSI004	384600	7533700	Ionic Leach	0.17	601
MDSI005	384800	7533700	Ionic Leach	0.08	601
MDSI006	385000	7533700	Ionic Leach	0.05	799
MDSI007	385200	7533700	Ionic Leach	0.06	771
MDSI008	385400	7533700	Ionic Leach	0.07	1040
MDSI009	383600	7534100	Ionic Leach	0.04	360
MDSI010	383800	7534100	Ionic Leach	0.07	499
MDSI011	384000	7534100	Ionic Leach	0.11	365
MDSI012	384200	7534100	Ionic Leach	0.04	456
MDSI013	384400	7534100	Ionic Leach	0.11	677
MDSI014	384600	7534100	Ionic Leach	0.06	736
MDSI015	384800	7534100	Ionic Leach	0.03	662
MDSI016	385000	7534100	Ionic Leach	0.03	402
MDSI017	385200	7534100	Ionic Leach	0.04	418
MDSI018	385400	7534100	Ionic Leach	0.04	384
MDSI019	383200	7534500	Ionic Leach	0.05	497
MDSI020	383400	7534500	Ionic Leach	0.03	373
MDSI021	383600	7534500	Ionic Leach	0.03	470
MDSI022	383800	7534500	Ionic Leach	0.06	360
MDSI023	384000	7534500	Ionic Leach	0.04	566
MDSI024	384200	7534500	Ionic Leach	0.04	607
MDSI027	384400	7534500	Ionic Leach	0.03	926
MDSI028	384600	7534500	Ionic Leach	0.02	927
MDSI029	384800	7534500	Ionic Leach	0.02	826
MDSI030	385000	7534500	Ionic Leach	0.04	728
MDSI031	385200	7534500	Ionic Leach	0.04	777
MDSI032	385400	7534500	Ionic Leach	0.04	572
MDSI033	382800	7534900	Ionic Leach	0.03	418
MDSI034	383000	7534900	Ionic Leach	0.03	295
MDSI035	383200	7534900	Ionic Leach	0.02	420
MDSI036	383400	7534900	Ionic Leach	0.02	535
MDSI037	383600	7534900	Ionic Leach	0.08	706
MDSI038	383800	7534900	Ionic Leach	0.03	965
MDSI039	384000	7534900	Ionic Leach	0.04	688
MDSI040	384200	7534900	Ionic Leach	0.04	555
MDSI041	384400	7534900	Ionic Leach	0.05	700
MDSI042	384600	7534900	Ionic Leach	0.03	482
MDSI043	384800	7534900	Ionic Leach	0.04	279
MDSI044	385000	7534900	Ionic Leach	0.03	319
MDSI045	385200	7534900	Ionic Leach	0.04	458
MDSI046	385400	7534900	Ionic Leach	0.03	480
MDSI047	381600	7535300	Ionic Leach	0.03	595
MDSI048	381800	7535300	Ionic Leach	0.04	425
MDSI049	382000	7535300	Ionic Leach	0.04	534
MDSI050	382200	7535300	Ionic Leach	0.08	405
MDSI051	382400	7535300	Ionic Leach	0.04	309
MDSI052	382600	7535300	Ionic Leach	0.03	309
MDSI053	382800	7535300	Ionic Leach	0.03	596

Sample_ID	GDA_East_Z51	GDA_North_Z51	Analysis Type	Au_ppb	Cu_ppb
MDSI056	383000	7535300	Ionic Leach	0.03	607
MDSI057	383200	7535300	Ionic Leach	0.02	553
MDSI058	383400	7535300	Ionic Leach	0.04	637
MDSI059	383600	7535300	Ionic Leach	-0.02	235
MDSI060	383800	7535300	Ionic Leach	0.03	452
MDSI061	384000	7535300	Ionic Leach	0.05	538
MDSI062	384200	7535300	Ionic Leach	0.07	340
MDSI063	384400	7535300	Ionic Leach	0.08	310
MDSI064	384600	7535300	Ionic Leach	0.04	400
MDSI065	384800	7535300	Ionic Leach	0.04	359
MDSI066	385000	7535300	Ionic Leach	0.02	352
MDSI067	385200	7535300	Ionic Leach	0.04	527
MDSI068	385400	7535300	Ionic Leach	0.04	603
MDSI073	381600	7535700	Ionic Leach	0.02	415
MDSI074	381800	7535700	Ionic Leach	0.04	504
MDSI075	382000	7535700	Ionic Leach	0.03	329
MDSI076	382200	7535700	Ionic Leach	0.05	355
MDSI077	382400	7535700	Ionic Leach	0.03	378
MDSI078	382600	7535700	Ionic Leach	0.04	314
MDSI079	382800	7535700	Ionic Leach	0.02	298
MDSI080	383000	7535700	Ionic Leach	0.05	924
MDSI083	383200	7535700	Ionic Leach	0.03	644
MDSI084	383400	7535700	Ionic Leach	0.08	1040
MDSI085	383600	7535700	Ionic Leach	0.07	984
MDSI086	383800	7535700	Ionic Leach	0.03	783
MDSI087	384000	7535700	Ionic Leach	0.02	801
MDSI088	384200	7535700	Ionic Leach	0.02	488
MDSI089	384400	7535700	Ionic Leach	0.04	472
MDSI090	384600	7535700	Ionic Leach	0.03	340
MDSI091	384800	7535700	Ionic Leach	0.02	428
MDSI092	380800	7536100	Ionic Leach	0.05	585
MDSI093	381000	7536100	Ionic Leach	0.03	475
MDSI094	381200	7536100	Ionic Leach	0.02	253
MDSI095	381400	7536100	Ionic Leach	0.03	310
MDSI096	381600	7536100	Ionic Leach	0.03	383
MDSI097	381800	7536100	Ionic Leach	0.07	882
MDSI098	382000	7536100	Ionic Leach	0.03	347
MDSI099	382200	7536100	Ionic Leach	0.04	357
MDSI100	382400	7536100	Ionic Leach	0.05	783
MDSI101	382600	7536100	Ionic Leach	0.04	777
MDSI102	382800	7536100	Ionic Leach	0.06	457
MDSI103	383000	7536100	Ionic Leach	0.09	647
MDSI104	383200	7536100	Ionic Leach	0.05	433
MDSI105	383400	7536100	Ionic Leach	0.04	424
MDSI106	383600	7536100	Ionic Leach	0.05	459
MDSI107	383800	7536100	Ionic Leach	0.05	478
MDSI110	384000	7536100	Ionic Leach	0.04	344
MDSI111	384200	7536100	Ionic Leach	0.06	395
MDSI112	384400	7536100	Ionic Leach	0.03	497
MDSI113	384600	7536100	Ionic Leach	0.07	623
MDSI114	384800	7536100	Ionic Leach	0.08	756
MDSI115	380800	7536500	Ionic Leach	0.08	426
MDSI116	381000	7536500	Ionic Leach	0.05	370
MDSI117	381200	7536500	Ionic Leach	0.05	490

Sample_ID	GDA_East_Z51	GDA_North_Z51	Analysis Type	Au_ppb	Cu_ppb
MDSI118	381400	7536500	Ionic Leach	0.04	647
MDSI119	381600	7536500	Ionic Leach	0.06	620
MDSI120	381800	7536500	Ionic Leach	0.02	409
MDSI121	382000	7536500	Ionic Leach	0.03	334
MDSI122	382200	7536500	Ionic Leach	0.15	473
MDSI123	382400	7536500	Ionic Leach	0.04	330
MDSI124	382600	7536500	Ionic Leach	0.1	597
MDSI125	382800	7536500	Ionic Leach	0.04	267
MDSI126	383000	7536500	Ionic Leach	0.04	452
MDSI127	383200	7536500	Ionic Leach	0.05	288
MDSI128	383400	7536500	Ionic Leach	0.07	350
MDSI129	383600	7536500	Ionic Leach	0.04	377
MDSI130	383800	7536500	Ionic Leach	0.04	388
MDSI131	384000	7536500	Ionic Leach	0.04	355
MDSI132	384200	7536500	Ionic Leach	0.04	320
MDSI133	384400	7536500	Ionic Leach	0.07	465
MDSI134	384600	7536500	Ionic Leach	0.06	419
MDSI138	380800	7536900	Ionic Leach	0.07	650
MDSI139	381000	7536900	Ionic Leach	0.08	540
MDSI140	381200	7536900	Ionic Leach	0.05	499
MDSI141	381400	7536900	Ionic Leach	0.07	449
MDSI142	381600	7536900	Ionic Leach	0.05	649
MDSI143	381800	7536900	Ionic Leach	0.05	521
MDSI144	382000	7536900	Ionic Leach	0.12	741
MDSI145	382200	7536900	Ionic Leach	0.15	776
MDSI146	382400	7536900	Ionic Leach	0.02	268
MDSI147	382600	7536900	Ionic Leach	0.07	447
MDSI148	382800	7536900	Ionic Leach	0.09	436
MDSI149	383000	7536900	Ionic Leach	0.04	416
MDSI150	383200	7536900	Ionic Leach	0.06	614
MDSI151	383400	7536900	Ionic Leach	0.07	753
MDSI152	383600	7536900	Ionic Leach	0.04	495
MDSI153	383800	7536900	Ionic Leach	0.05	456
MDSI154	384000	7536900	Ionic Leach	0.05	747
MDSI155	384200	7536900	Ionic Leach	0.05	617
MDSI156	384400	7536900	Ionic Leach	0.07	422
MDSI157	384600	7536900	Ionic Leach	0.07	484
MDSI159	380800	7537300	Ionic Leach	0.03	271
MDSI160	381000	7537300	Ionic Leach	0.03	322
MDSI161	381200	7537300	Ionic Leach	0.03	187
MDSI164	381400	7537300	Ionic Leach	0.04	363
MDSI165	381600	7537300	Ionic Leach	1.14	221
MDSI166	381800	7537300	Ionic Leach	0.02	211
MDSI167	382000	7537300	Ionic Leach	0.03	358
MDSI168	382200	7537300	Ionic Leach	0.06	435
MDSI169	382400	7537300	Ionic Leach	0.07	611
MDSI170	382600	7537300	Ionic Leach	0.07	794
MDSI171	382800	7537300	Ionic Leach	0.05	839
MDSI172	383000	7537300	Ionic Leach	0.04	742
MDSI173	383200	7537300	Ionic Leach	0.05	663
MDSI174	383400	7537300	Ionic Leach	0.14	436
MDSI175	383600	7537300	Ionic Leach	0.09	381
MDSI176	383800	7537300	Ionic Leach	0.06	265
MDSI177	384000	7537300	Ionic Leach	0.06	356

Sample_ID	GDA_East_Z51	GDA_North_Z51	Analysis Type	Au_ppb	Cu_ppb
MDSI178	384200	7537300	Ionic Leach	0.05	534
MDSI179	384400	7537300	Ionic Leach	0.02	392
MDSI180	384600	7537300	Ionic Leach	-0.02	358
MDSI181	384800	7537300	Ionic Leach	0.03	546
MDSI182	381600	7541300	Ionic Leach	0.11	600
MDSI183	381800	7541300	Ionic Leach	0.14	996
MDSI184	382000	7541300	Ionic Leach	0.09	1010
MDSI185	382200	7541300	Ionic Leach	0.11	736
MDSI186	382400	7541300	Ionic Leach	0.09	569
MDSI187	382600	7541300	Ionic Leach	0.13	684
MDSI188	382800	7541300	Ionic Leach	0.05	590
MDSI191	383000	7541300	Ionic Leach	0.04	420
MDSI192	381600	7541700	Ionic Leach	0.09	422
MDSI193	381800	7541700	Ionic Leach	0.06	922
MDSI194	382000	7541700	Ionic Leach	0.08	608
MDSI195	382200	7541700	Ionic Leach	0.11	703
MDSI196	382400	7541700	Ionic Leach	0.03	860
MDSI197	382600	7541700	Ionic Leach	0.02	546
MDSI198	382800	7541700	Ionic Leach	0.08	648
MDSI199	383000	7541700	Ionic Leach	0.1	432
MDSI200	383200	7541700	Ionic Leach	0.21	648
MDSI201	383400	7541700	Ionic Leach	0.05	473
MDSI202	383600	7541700	Ionic Leach	0.08	708
MDSI203	383800	7541700	Ionic Leach	0.07	649
MDSI204	384000	7541700	Ionic Leach	0.06	604
MDSI205	384200	7541700	Ionic Leach	0.03	557
MDSI206	381600	7542100	Ionic Leach	0.03	648
MDSI207	381800	7542100	Ionic Leach	0.05	286
MDSI208	382000	7542100	Ionic Leach	0.07	669
MDSI209	382200	7542100	Ionic Leach	0.05	670
MDSI210	382400	7542100	Ionic Leach	0.04	725
MDSI211	382600	7542100	Ionic Leach	0.06	869
MDSI212	382800	7542100	Ionic Leach	0.08	495
MDSI213	383000	7542100	Ionic Leach	0.06	584
MDSI214	383200	7542100	Ionic Leach	0.06	531
MDSI215	383400	7542100	Ionic Leach	0.05	559
MDSI218	383600	7542100	Ionic Leach	0.09	1210
MDSI219	383800	7542100	Ionic Leach	0.03	711
MDSI220	381600	7542500	Ionic Leach	0.07	539
MDSI221	381800	7542500	Ionic Leach	0.04	429
MDSI222	382000	7542500	Ionic Leach	0.05	513
MDSI223	382200	7542500	Ionic Leach	0.05	789
MDSI224	382400	7542500	Ionic Leach	0.05	838
MDSI225	382600	7542500	Ionic Leach	0.07	458
MDSI226	382800	7542500	Ionic Leach	0.06	713
MDSI227	383000	7542500	Ionic Leach	0.05	716
MDSI228	383200	7542500	Ionic Leach	0.03	590
MDSI229	383400	7542500	Ionic Leach	0.02	461
MDSI230	383600	7542500	Ionic Leach	0.03	561
MDSI231	380400	7542900	Ionic Leach	0.1	798
MDSI232	380600	7542900	Ionic Leach	0.04	623
MDSI233	380800	7542900	Ionic Leach	0.19	1030
MDSI234	381000	7542900	Ionic Leach	0.05	460
MDSI235	381200	7542900	Ionic Leach	0.02	769

Sample_ID	GDA_East_Z51	GDA_North_Z51	Analysis Type	Au_ppb	Cu_ppb
MDSI236	381400	7542900	Ionic Leach	0.05	811
MDSI237	381600	7542900	Ionic Leach	0.06	976
MDSI238	381800	7542900	Ionic Leach	0.09	1380
MDSI239	382000	7542900	Ionic Leach	0.06	1040
MDSI240	382200	7542900	Ionic Leach	0.05	1250
MDSI241	382400	7542900	Ionic Leach	0.07	588
MDSI244	382600	7542900	Ionic Leach	0.05	666
MDSI245	382800	7542900	Ionic Leach	0.04	514
MDSI246	383000	7542900	Ionic Leach	0.04	461
MDSI247	380200	7543300	Ionic Leach	0.14	854
MDSI248	380400	7543300	Ionic Leach	0.05	653
MDSI249	380600	7543300	Ionic Leach	0.03	532
MDSI250	380800	7543300	Ionic Leach	0.02	1070
MDSI251	381000	7543300	Ionic Leach	0.06	952
MDSI252	381200	7543300	Ionic Leach	0.05	1020
MDSI253	381400	7543300	Ionic Leach	0.09	561
MDSI254	381600	7543300	Ionic Leach	0.04	692
MDSI255	381800	7543300	Ionic Leach	0.04	621
MDSI256	382000	7543300	Ionic Leach	0.02	802
MDSI257	382200	7543300	Ionic Leach	0.03	570
MDSI258	382400	7543300	Ionic Leach	0.02	544
MDSI259	382600	7543300	Ionic Leach	0.05	721
MDSI260	382800	7543300	Ionic Leach	0.04	484
MDSI261	383000	7543300	Ionic Leach	0.04	411
MDSI262	379600	7543700	Ionic Leach	0.07	409
MDSI263	379800	7543700	Ionic Leach	0.05	548
MDSI264	380000	7543700	Ionic Leach	0.04	385
MDSI265	380200	7543700	Ionic Leach	0.06	477
MDSI266	380400	7543700	Ionic Leach	0.03	467
MDSI267	380600	7543700	Ionic Leach	0.06	793
MDSI268	380800	7543700	Ionic Leach	0.04	640
MDSI269	381000	7543700	Ionic Leach	0.05	866
MDSI272	381200	7543700	Ionic Leach	0.07	1160
MDSI273	381400	7543700	Ionic Leach	0.08	907
MDSI274	381600	7543700	Ionic Leach	0.07	873
MDSI275	381800	7543700	Ionic Leach	0.03	469
MDSI276	382000	7543700	Ionic Leach	0.04	663
MDSI277	382200	7543700	Ionic Leach	0.03	605
MDSI278	382400	7543700	Ionic Leach	0.02	472
MDSI279	382600	7543700	Ionic Leach	0.04	816
MDSI280	382800	7543700	Ionic Leach	0.03	504
MDSI281	383000	7543700	Ionic Leach	0.13	458
MDSI282	379600	7544100	Ionic Leach	0.03	252
MDSI283	379800	7544100	Ionic Leach	0.03	403
MDSI284	380000	7544100	Ionic Leach	0.04	402
MDSI285	380200	7544100	Ionic Leach	0.04	484
MDSI286	380400	7544100	Ionic Leach	0.05	781
MDSI287	380600	7544100	Ionic Leach	0.08	734
MDSI288	380800	7544100	Ionic Leach	0.05	711
MDSI289	381000	7544100	Ionic Leach	0.03	769
MDSI290	381200	7544100	Ionic Leach	0.03	529
MDSI291	381400	7544100	Ionic Leach	0.04	458
MDSI292	381600	7544100	Ionic Leach	0.05	532
MDSI293	381800	7544100	Ionic Leach	0.03	522

Sample_ID	GDA_East_Z51	GDA_North_Z51	Analysis Type	Au_ppb	Cu_ppb
MDSI294	382000	7544100	Ionic Leach	0.05	431
MDSI295	382200	7544100	Ionic Leach	0.04	654
MDSI296	382400	7544100	Ionic Leach	0.04	500
MDSI299	382600	7544100	Ionic Leach	0.03	409
MDSI300	382800	7544100	Ionic Leach	0.08	681
MDSI301	383000	7544100	Ionic Leach	0.05	461
MDSI302	379600	7544500	Ionic Leach	0.03	256
MDSI303	379800	7544500	Ionic Leach	0.04	379
MDSI304	380000	7544500	Ionic Leach	0	0
MDSI305	380200	7544500	Ionic Leach	0.08	704
MDSI306	380400	7544500	Ionic Leach	0.04	682
MDSI307	380600	7544500	Ionic Leach	0.08	651
MDSI308	380800	7544500	Ionic Leach	-0.02	479
MDSI309	381000	7544500	Ionic Leach	0.04	757
MDSI310	381200	7544500	Ionic Leach	0.04	409
MDSI311	381400	7544500	Ionic Leach	0.05	695
MDSI312	381600	7544500	Ionic Leach	0.06	794
MDSI313	381800	7544500	Ionic Leach	-0.02	326
MDSI314	382000	7544500	Ionic Leach	0.04	427
MDSI315	382200	7544500	Ionic Leach	0.07	508
MDSI316	382400	7544500	Ionic Leach	0.12	340
MDSI317	382600	7544500	Ionic Leach	0.09	458
MDSI318	382800	7544500	Ionic Leach	0.06	579
MDSI319	383000	7544500	Ionic Leach	0.04	281
MDSI320	379600	7544900	Ionic Leach	0.02	235
MDSI321	379800	7544900	Ionic Leach	0.07	469
MDSI322	380000	7544900	Ionic Leach	0.1	640
MDSI323	380200	7544900	Ionic Leach	0.06	360
MDSI326	380400	7544900	Ionic Leach	0.04	346
MDSI327	380600	7544900	Ionic Leach	0.05	426
MDSI328	380800	7544900	Ionic Leach	0.05	534
MDSI329	381000	7544900	Ionic Leach	0.06	584
MDSI330	381200	7544900	Ionic Leach	0.06	961
MDSI331	381400	7544900	Ionic Leach	0.04	781
MDSI332	379600	7545300	Ionic Leach	0.03	453
MDSI333	379800	7545300	Ionic Leach	0.05	328
MDSI334	380000	7545300	Ionic Leach	0.07	377
MDSI335	380200	7545300	Ionic Leach	0.04	386
MDSI336	380400	7545300	Ionic Leach	0.07	386
MDSI337	380600	7545300	Ionic Leach	0.05	423
MDSI338	380800	7545300	Ionic Leach	0.05	511
MDSI339	381000	7545300	Ionic Leach	0.06	643
MDSI340	381200	7545300	Ionic Leach	0.08	871
MDSI341	381400	7545300	Ionic Leach	0.04	417
MDSI342	379600	7545700	Ionic Leach	0.04	333
MDSI343	379800	7545700	Ionic Leach	0.04	354
MDSI344	380000	7545700	Ionic Leach	0.04	256
MDSI345	380200	7545700	Ionic Leach	0.05	336
MDSI346	380400	7545700	Ionic Leach	0.07	481
MDSI347	380600	7545700	Ionic Leach	0.08	526
MDSI348	380800	7545700	Ionic Leach	0.06	938
MDSI349	381000	7545700	Ionic Leach	0.1	1060
MDSI350	381200	7545700	Ionic Leach	0.08	846
MDSI353	381400	7545700	Ionic Leach	0.09	746

Sample_ID	GDA_East_Z51	GDA_North_Z51	Analysis Type	Au_ppb	Cu_ppb
MDSI354	379600	7546100	Ionic Leach	0.06	481
MDSI355	379800	7546100	Ionic Leach	0.07	733
MDSI356	380000	7546100	Ionic Leach	0.15	1470
MDSI357	380200	7546100	Ionic Leach	0.05	626
MDSI358	380400	7546100	Ionic Leach	0.08	681
MDSI359	380600	7546100	Ionic Leach	0.1	749
MDSI360	380800	7546100	Ionic Leach	0.13	920
MDSI361	381000	7546100	Ionic Leach	0.07	711
MDSI362	381200	7546100	Ionic Leach	0.1	737
MDSI363	381400	7546100	Ionic Leach	-0.02	462
MDSI364	379800	7546500	Ionic Leach	0.07	900
MDSI365	380000	7546500	Ionic Leach	0.04	559
MDSI366	380200	7546500	Ionic Leach	0.15	475
MDSI367	380400	7546500	Ionic Leach	0.04	453
MDSI368	380600	7546500	Ionic Leach	0.04	538
MDSI369	380800	7546500	Ionic Leach	0.05	508
MDSI370	381000	7546500	Ionic Leach	0.06	483
MDSI371	381200	7546500	Ionic Leach	0.08	716
MDSI372	381400	7546500	Ionic Leach	0.07	981
MDSI373	380000	7546900	Ionic Leach	0.05	558
MDSI374	380200	7546900	Ionic Leach	0.04	697
MDSI375	380400	7546900	Ionic Leach	0.02	374
MDSI376	380600	7546900	Ionic Leach	0.02	311
MDSI377	380800	7546900	Ionic Leach	0.02	134
MDSI380	381000	7546900	Ionic Leach	0.03	682
MDSI381	381200	7546900	Ionic Leach	0.03	625
MDSI382	381400	7546900	Ionic Leach	0.06	449
MDSI383	380200	7547300	Ionic Leach	0.05	313
MDSI384	380400	7547300	Ionic Leach	0.04	409
MDSI385	380600	7547300	Ionic Leach	0.04	651
MDSI386	380800	7547300	Ionic Leach	0.03	469
MDSI387	381000	7547300	Ionic Leach	0.04	507
MDSI388	381200	7547300	Ionic Leach	0.03	651
MDSI389	381400	7547300	Ionic Leach	0.03	572
MDSI390	380400	7547700	Ionic Leach	0.03	203
MDSI391	380600	7547700	Ionic Leach	0.02	345
MDSI392	380800	7547700	Ionic Leach	0.03	519
MDSI393	381000	7547700	Ionic Leach	0.04	560
MDSI394	381200	7547700	Ionic Leach	0.06	519
MDSI395	381400	7547700	Ionic Leach	0.06	1170
MDSI396	380600	7548100	Ionic Leach	0.07	626
MDSI397	380800	7548100	Ionic Leach	0.04	393
MDSI398	381000	7548100	Ionic Leach	0.08	749
MDSI399	381200	7548100	Ionic Leach	0.07	1030
MDSI400	381400	7548100	Ionic Leach	0.03	650

Sample_ID	GDA_East_Z51	GDA_North_Z51	Sample_type	Au_ppb	Cu_ppb
MDST083	396800	7540500	Traditional	-1	2900
MDST102	396000	7540900	Traditional	-1	1700
MDST103	396200	7540900	Traditional	-1	2100
MDST104	396400	7540900	Traditional	-1	2100
MDST105	396600	7540900	Traditional	-1	1900

Sample_ID	GDA_East_Z51	GDA_North_Z51	Sample_type	Au_ppb	Cu_ppb
MDST106	396800	7540900	Traditional	-1	4900
MDST347	393600	7544900	Traditional	-1	2200
MDST348	393800	7544900	Traditional	-1	1900
MDST349	394000	7544900	Traditional	-1	1700
MDST350	394200	7544900	Traditional	-1	1900
MDST353	394400	7544900	Traditional	-1	2900
MDST354	394600	7544900	Traditional	-1	5000
MDST355	394800	7544900	Traditional	-1	4600
MDST356	395000	7544900	Traditional	-1	3700
MDST366	393600	7545300	Traditional	-1	2500
MDST367	393800	7545300	Traditional	-1	3400
MDST368	394000	7545300	Traditional	-1	2600
MDST369	394200	7545300	Traditional	-1	3000
MDST370	394400	7545300	Traditional	-1	2700
MDST371	394600	7545300	Traditional	-1	2400
MDST372	394800	7545300	Traditional	-1	3400
MDST373	395000	7545300	Traditional	-1	2000
MDST377	392400	7545700	Traditional	-1	3100
MDST380	392600	7545700	Traditional	-1	3100
MDST381	392800	7545700	Traditional	-1	2900
MDST382	393000	7545700	Traditional	-1	2800
MDST383	393200	7545700	Traditional	-1	3200
MDST384	393400	7545700	Traditional	-1	3100
MDST385	393600	7545700	Traditional	-1	2500
MDST386	393800	7545700	Traditional	-1	2300
MDST387	394000	7545700	Traditional	-1	3500
MDST388	394200	7545700	Traditional	-1	2000
MDST389	394400	7545700	Traditional	-1	2200
MDST390	394600	7545700	Traditional	-1	2700
MDST391	394800	7545700	Traditional	-1	3200
MDST392	395000	7545700	Traditional	-1	1400
MDST402	393600	7546100	Traditional	-1	2600
MDST403	393800	7546100	Traditional	-1	3300
MDST404	394000	7546100	Traditional	-1	2600
MDST407	394200	7546100	Traditional	-1	3300
MDST408	394400	7546100	Traditional	-1	3100
MDST409	394600	7546100	Traditional	-1	3300
MDST410	394800	7546100	Traditional	-1	2300
MDST411	395000	7546100	Traditional	-1	2200
MDST412	391800	7546500	Traditional	-1	5500
MDST413	392000	7546500	Traditional	-1	2000
MDST414	392200	7546500	Traditional	-1	3000
MDST415	392400	7546500	Traditional	-1	2900
MDST416	392600	7546500	Traditional	-1	3100
MDST417	392800	7546500	Traditional	-1	4800
MDST418	393000	7546500	Traditional	-1	3700
MDST419	393200	7546500	Traditional	-1	4100
MDST420	393400	7546500	Traditional	-1	3100
MDST421	393600	7546500	Traditional	-1	2700
MDST422	393800	7546500	Traditional	-1	3000
MDST423	394000	7546500	Traditional	-1	3300
MDST424	394200	7546500	Traditional	-1	2700
MDST425	394400	7546500	Traditional	-1	2500
MDST426	394600	7546500	Traditional	-1	3500

Sample_ID	GDA_East_Z51	GDA_North_Z51	Sample_type	Au_ppb	Cu_ppb
MDST427	394800	7546500	Traditional	-1	5300
MDST428	395000	7546500	Traditional	-1	3300
MDST429	391800	7546900	Traditional	-1	2400
MDST430	392000	7546900	Traditional	-1	2000
MDST431	392200	7546900	Traditional	-1	2600
MDST434	392400	7546900	Traditional	-1	700
MDST435	392600	7546900	Traditional	-1	2400
MDST436	392800	7546900	Traditional	-1	3300
MDST437	393000	7546900	Traditional	-1	1900
MDST438	393200	7546900	Traditional	-1	3200
MDST439	393400	7546900	Traditional	-1	3300
MDST440	391800	7547300	Traditional	-1	2800
MDST441	392000	7547300	Traditional	-1	2500
MDST442	392200	7547300	Traditional	-1	2300
MDST443	392400	7547300	Traditional	-1	3800
MDST444	392600	7547300	Traditional	-1	3200
MDST445	392800	7547300	Traditional	-1	1600
MDST446	393000	7547300	Traditional	-1	2600
MDST447	393200	7547300	Traditional	-1	3000
MDST448	393400	7547300	Traditional	-1	3600
MDST449	391800	7547700	Traditional	-1	3400
MDST450	392000	7547700	Traditional	-1	2600
MDST451	392200	7547700	Traditional	-1	3100
MDST452	392400	7547700	Traditional	-1	1500
MDST453	392600	7547700	Traditional	-1	5400
MDST454	392800	7547700	Traditional	-1	3400
MDST455	393000	7547700	Traditional	-1	2900
MDST456	393200	7547700	Traditional	-1	3400
MDST457	393400	7547700	Traditional	-1	3500
MDST458	391800	7548100	Traditional	-1	3900
MDST461	392000	7548100	Traditional	-1	2800
MDST462	392200	7548100	Traditional	-1	3400
MDST463	392400	7548100	Traditional	-1	4100
MDST464	392600	7548100	Traditional	-1	2400
MDST465	392800	7548100	Traditional	-1	4000
MDST466	393000	7548100	Traditional	-1	2800
MDST467	393200	7548100	Traditional	-1	2200
MDST468	393400	7548100	Traditional	-1	600

APPENDIX 1.

The following Tables are provided to ensure compliance with the JORC Code (2012 Edition) requirements for the reporting of Exploration Results at the Reedy South Project.

Section 1: Sampling Techniques and Data

(Criteria in this section applies to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<i>Nature and quality of sampling (eg 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>	<p>Sampling method description</p> <ul style="list-style-type: none"> • Ionic Leach™ Soil samples <p>Ionic leach™ geochemical samples were acquired using ALS sampling protocols using 200m sample spacing along E-W lines spaced 400m apart. To avoid contamination, plastic sampling equipment is used such as trowels and nylon meshed sieves.</p> <p>The traditional soil samples were collected using the same process for ease of collection in the field but were analysed using the methods outline below.</p> <p>The samples were collected in paper geochem bags.</p>
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	Laboratory standards and field duplicate samples were inserted at 25 sample intervals for quality control.
	<i>Aspects of the determination of mineralisation that are Material to the Public Report. 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 (eg submarine nodules) may warrant disclosure of detailed information.</i>	<p>Analysis was undertaken by ALS laboratories (Perth) for an extensive multi-element suite.</p> <p>The Ionic Leach™ samples were analysed using the ALS Code – ME-MS23 which involved Au via ICP-MS determination and 61 elements determined via ICP-AES from the IONIC leach solution.</p> <p>The traditional soil samples were analysed by ALS (AuME-TL43) – Gold is via Aqua Regia extraction with ICP-MS determination. The 40 element determination is via ICP-AES from the aqua regia solution.</p>
Drilling techniques	<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 of standard tube, depth of diamond tails, face-sampling bit or other type, whether core is orientated and if so, by what method, etc).</i>	Not Applicable
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	Not Applicable
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	Not Applicable
	<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>	Not Applicable

Logging	<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>	Not Applicable
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	Not Applicable

Criteria	JORC Code explanation	Commentary
	<i>The total length and percentage of the relevant intersections logged.</i>	Not Applicable
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	Not Applicable
	<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>	Not Applicable
	<i>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.</i>	field duplicates were collected every 25 samples
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	The sample size of 100g is appropriate and representative of the grain size and mineralisation style of the deposit.
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	<p>ALS (Perth) were used for analysis of both the Ionic Leach™ and traditional geochemistry samples. The laboratory techniques below are for all samples submitted to ALS and are considered appropriate for the style of mineralisation defined within the Midas Cu-Au Project Area:</p> <ul style="list-style-type: none"> The traditional soil samples were analysed using the ALS Code - AuME-TL43 for Au is via Aqua Regia Extraction with ICP-MS determination. The 40 element determination is via ICP-AES from the aqua regia solution. The Ionic Leach Samples were analysed using the ALS Code – ME-MS23 which involved Au via ICP-MS determination and 61 elements determined via ICP-AES from the IONIC leach solution. <p>Internal laboratory check assays, blanks and CRM standards were conducted as part on ALS's internal QAQC.</p>
	<p><i>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.</i></p> <p><i>Nature of quality control procedures 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>	

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	Not Applicable
	<i>The use of twinned holes.</i>	Not Applicable
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	Electronic data capture, storage and transfer as .csv. Laboratory standards were conducted internally by the laboratory. CRM's and field duplicates were inserted every 25 samples.
	<i>Discuss any adjustment to assay data.</i>	Where assays were reported in ppm but are displayed in ppb or Vice-Versa, a separate calculated column was used.
Location of data points	<i>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.</i>	The sample position was recorded using a Garmin hand held GPS, with applicable accuracy for this type of sampling. GDA94 Zone 51 co-ordinates were used.
	<i>Specification of the grid system used.</i>	
	<i>Quality and adequacy of topographic control.</i>	

Criteria	JORC Code explanation	Commentary
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i>	The samples were collected 100m apart on 400m spaced EW lines where terrain permitted.
	<i>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.</i>	Not Applicable
	<i>Whether sample compositing has been applied.</i>	Not Applicable
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	Not Applicable
	<i>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.</i>	Not Applicable
Sample security	<i>The measures taken to ensure sample security.</i>	<p>The chain of custody is managed by the supervising geologist who places paper geochem bags into cardboard boxes for more secure transport from Port Hedland to the Laboratory.</p> <p>Each box is clearly labelled with:</p> <ul style="list-style-type: none"> ○ White Cliff Minerals Ltd ○ Address of laboratory ○ Sample range ○ Samples were delivered by XM Logistics personnel to the transport company in Port Hedland. <p>The transport company then delivers the samples directly to the ALS laboratory.</p>
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	<p>Data is validated upon up-loading into the master database. Any validation issues identified are investigated prior to reporting of results.</p> <p>No independent audits have been undertaken.</p>

Section 2: Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<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>	E45/5107 is 100% owned by Hobbs & Heugh Pty Ltd, which was acquired by White Cliff Minerals.
	<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>	The tenements are in good standing with native title agreements in place
Exploration done by other parties	<i>Acknowledgment and appraisal of exploration by other parties.</i>	<p>CRAE Pty Ltd undertook stream sediment sampling in the mid 1980s, and rock-chip sampling. Mapping was also completed.</p> <p>Cameco Australia Pty Ltd flew 200m line spaced airborne magnetic-radiometric data in 1998.</p> <p>Geoscience Australia flew 1km line spaced TEMPEST airborne electromagnetic data in 2008.</p> <p>Southern Geoscience Consultants reprocessed the airborne magnetic-radiometric data and completed an interpretation in 2015 for Energia Minerals.</p>
Geology	<i>Deposit type, geological setting and style of mineralisation.</i>	<p>Two gold occurrences (Coolbro Creek and Tabletop) are the only known mineral occurrences within E45/5107. Here, minor amounts of visible gold have been extracted from gravels in the Coolbro Creek.</p> <p>The gold is thought to be epithermal and sourced from NW-trending quartz veins within the Coolbro Sandstone (Williams and Bagas, 1999).</p> <p>Stratabound Cu-(Pb-Zn) mineralisation was discovered in Broadhurst Formation sediments (stratigraphically overlying the Coolbro Sandstone) at the Nifty and Maroochydore deposits in the early to mid-1980s. Maroochydore is located ~25 km east of the Table Top project. Broadhurst-hosted base metal mineralisation has also been targeted to the west.</p> <p>Uranium mineralisation at the Kintyre deposit is unconformity-associated vein-type. It has been likened to deposits in the East Alligator River Province, NT and the Athabasca region in Canada (Jackson and Andrew, 1990).</p> <p>The ore is primarily pitchblende veins occurring within Rudall Complex schists and garnetiferous quartzite below the Mesoproterozoic unconformity. A NW-trending shear transects the deposit and has contributed to some ore remobilisation (Jackson and Andrew, 1990).</p>
Drill hole Information	<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>	No Drilling is being reported

Criteria	JORC Code explanation	Commentary
	<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. 	No Drilling is being reported
	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.	No Drilling is being reported
Data aggregation methods	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.	No Data manipulation was carried out.
	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.	Only gold and copper are reported here. However, the samples underwent multi element assay as industry standard.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	Not Applicable
Relationship between mineralisation widths and intercept lengths	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').	Not Applicable
Diagrams	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 drillhole collar locations and appropriate sectional views.	Location maps and plans are included in the body of this announcement.
Balanced reporting	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.	The reporting of exploration results is considered balanced by the competent person. The location of all soil samples collected are included in this release. Only gold and copper are reported here. However, the samples underwent multi element assay as industry standard.
Other substantive exploration data	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.	The Company's technical consultants are continuing to review available historical data, and WAMEX data over all WCN controlled tenements in the Midas area.
Further work	<p>The nature and scale of planned further work (eg. tests for lateral extensions or depth extensions or large-scale step-out drilling).</p> <p>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>	All relevant diagrams and inferences have been illustrated in this report..