

## ASX AND MEDIA ANNOUNCEMENT

25 September 2018

### **BAMBOO CREEK PROJECT - EXPLORATION UPDATE**

#### Highlights:

- The multi-element assay results have now been received for the 230 rock samples collected at MinRex's two Bamboo Creek exploration licences in August 2018.
- Five prospect areas were tested by this rock sampling, with excellent assays being received from the Norms Find, BC07, Nobb Hill and northern gold prospects. This work returned assay values of up to 22.9g/t Au, 36g/t Ag, 18.5% Cu, 0.20% Cr, 0.15% Ni, 0.12% Pb and 0.28% Zn.
- These results build on the very encouraging exploration results from the May-June 2018 exploration program, reported on the 21 June 2018, and highlight the prospectivity and potential of this remote Project area in the East Pilbara.
- Once collated and analysed the results will be followed up with new programs of metal-detecting, surface sampling and geological mapping in 2018.

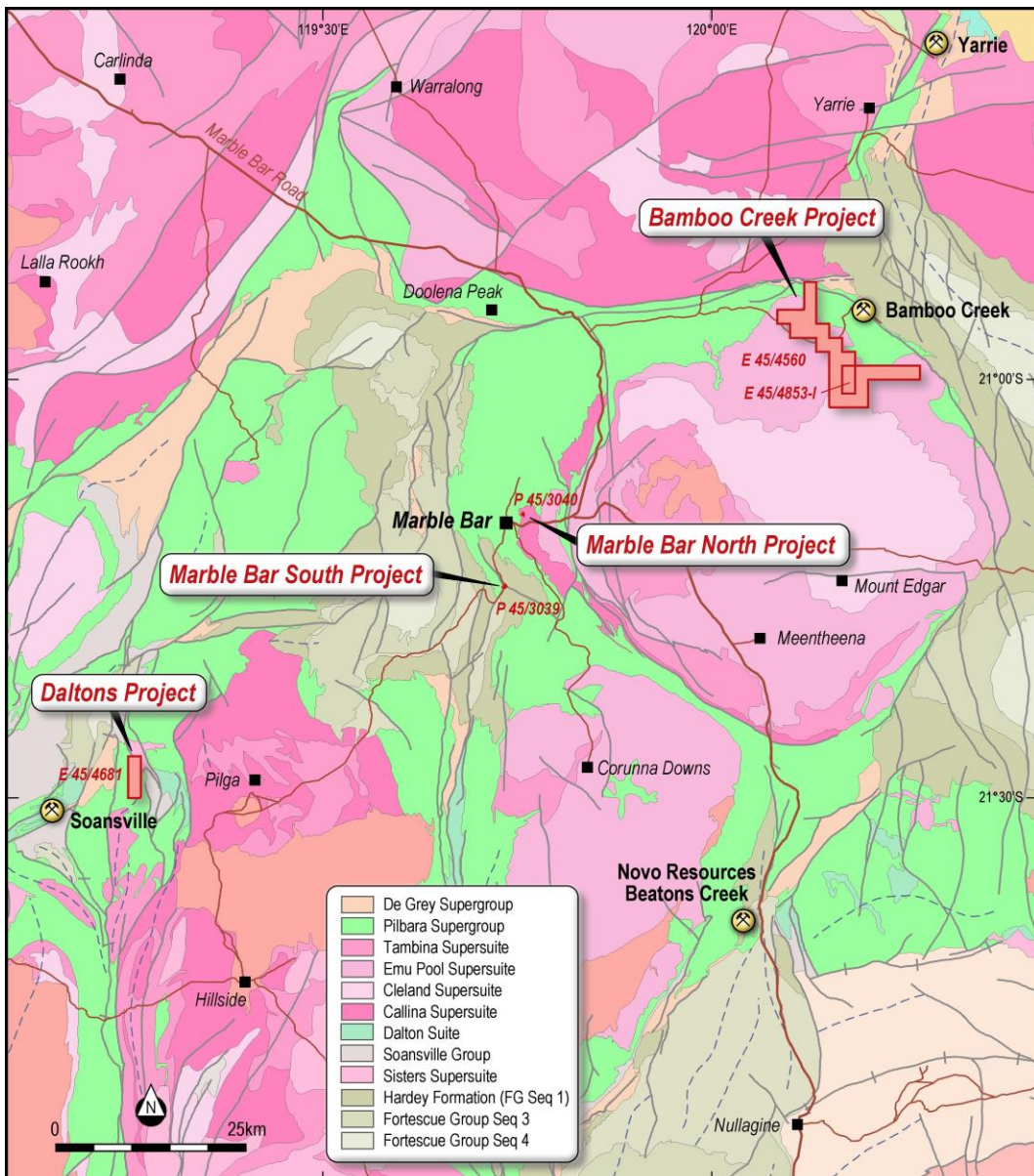
MinRex Resources Limited (ASX: MRR) ('MinRex' or 'the Company') is pleased to announce that it has now received the assay results for the 230 rock samples collected at its two Bamboo Creek Project exploration licences, in August 2018, during the third detailed geological evaluation and sampling program at its 70% owned East Pilbara tenements.



**Figure 1: Location of MinRex's Bamboo Creek Project Area**

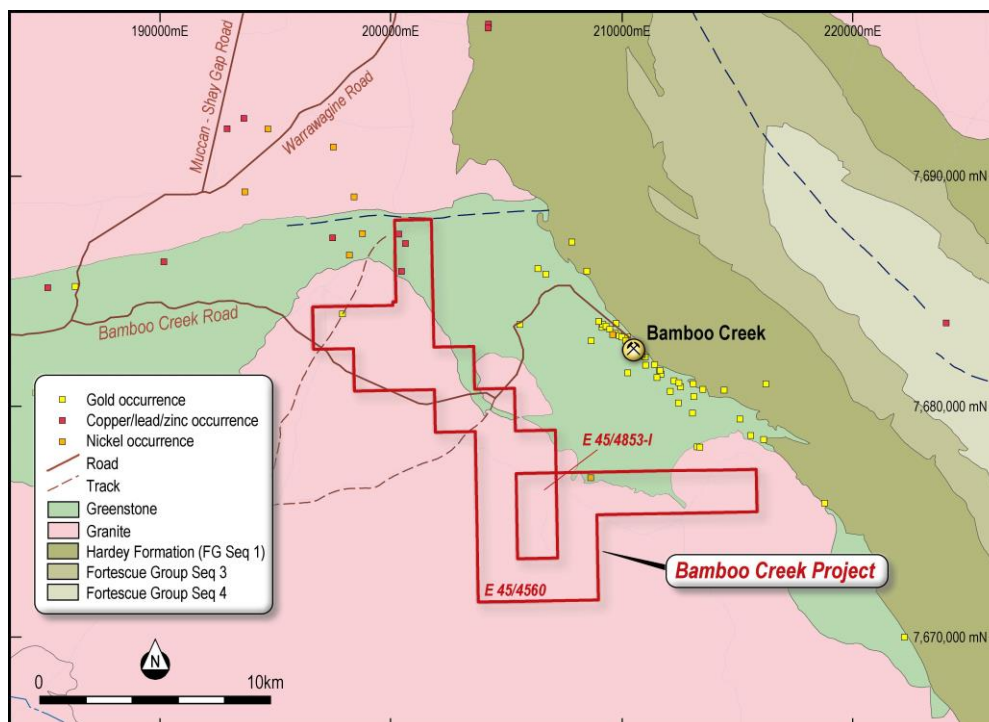
As previously announced, the December 2017 East Pilbara field program recovered gold nuggets from the Marble Bar North Project tenement (P45/3040) and the assay results were announced for ten rock samples collected from the Marble Bar South Project tenement (P45/3039) in February 2018. An additional 190 rock samples, from all four project areas, were subsequently collected in May 2018 and the results of this work were announced in June 2018.

Following receipt of the results of the detailed exploration sampling of May 2018, a detailed review of the results was conducted and this led to the follow-up field exploration work that was completed during August 2018. As previously stated, the intention was that the initial exploration of the East Pilbara project areas would include the collection of a large number of rock samples from the areas of old workings, prospects, anomalous areas, potential target areas and prospective geological zones and horizons; with these samples then being subjected to multi-element analyses in order to discover the most prospective areas; along with metal detecting in selected areas. This has now been completed over three field exploration and sampling programs in December 2017, May 2018 and August 2018. This work has encompassed all five of the East Pilbara mineral tenements including the Marble Bar North Project (P45/3040), Marble Bar South Project (P45/3039), the Daltons Project (E45/4681) and the two properties at the Bamboo Creek Project (E45/4560 & 4853).



**Figure 2: Geological map showing MinRex's four East Pilbara Project Areas**

A large part of the focus of the current exploration program was on the two exploration licences that comprise the Bamboo Creek Project. This is a very large project area, being several times the size of all of the other East Pilbara project areas combined, and the large area, remote location and under-explored history of this area combine to make it ideal for more detailed study, sampling and field exploration.



**Figure 3: Geological map showing the Bamboo Creek Project area**

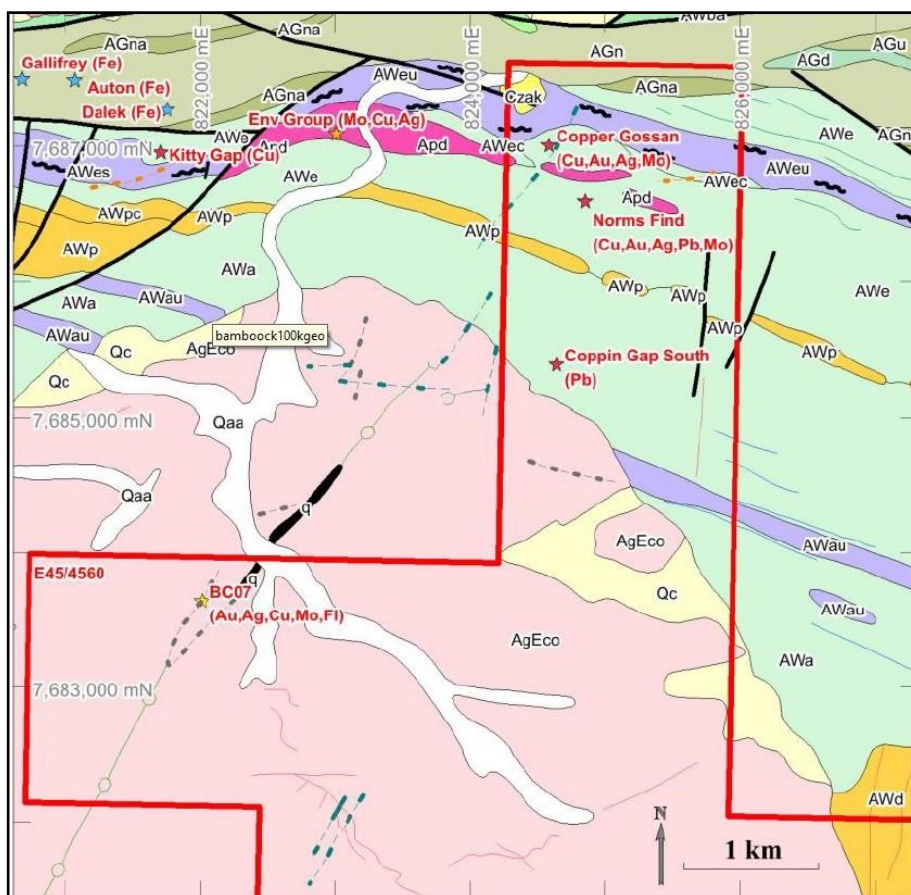
This Project area is prospective for gold mineralisation of the Bamboo Creek style, the Bamboo Creek goldfield lies just 5-10km to the north and east, and along strike within the Warrawoona Group Greenstones that occur in the northern portion of the exploration licence. There is also potential for the felsic porphyry-hosted base metal and molybdenum mineralization of the Spinifex Ridge (Coppin Gap) type, with the Spinifex Ridge Mo-Cu deposit being just 2km to the west of the northern portion of the exploration licence, occurring within a porphyry intrusion into the Warrawoona Group Greenstone sequence. There is also potential for chrome-nickel mineralization in ultramafic bodies, as at Nobb Hill; as well as anomalism in other, as yet unidentified, mineralization styles.



**Figure 4: Outcropping Warrawoona Group rocks in the northern portion of E45/4560**

The Bamboo Creek gold mining centre was discovered in the 1890's, before the finds at Marble Bar, and has been active, on and off, for over 120 years, currently being operated by Haoma Mining Ltd. The first gold battery was established at the centre in 1892 and a State gold battery followed in 1913, the centre was historically one of the major gold producers in the Pilbara region, with over 250,000oz of gold mined and recovered. Eight major mines, including the Bulletin Mine and the Bamboo Queen Mine, were developed along the Main Line Reef, with multiple other smaller operations nearby. The nearby Spinifex Ridge molybdenum-copper

porphyry deposit also contains a major JORC compliant mineral resource of molybdenum and copper.



**Figure 5: Map showing prospect locations in the northern part of the Bamboo Creek project**

At the main Bamboo Creek Project exploration licence (E45/4560) a total of 160 rock samples (BBR051-210) were collected, from multiple areas, but including some of the named prospects, including Norms Find, BC07 and Nobb Hill, as well as various outcrop, float and scree zones. There are no old workings in MinRex’s Bamboo Creek project area but the 160 samples collected on this occasion were taken at previously identified gold, copper, chrome, nickel and polymetallic prospects, and from outcrop and float. These returned assay values of up to 22.9g/t Au, 36g/t Ag, 18.5% Cu, 0.20% Cr, 0.15% Ni, 0.12% Pb and 0.28% Zn. The full assay results for gold, base metals, nickel and chrome are listed below in Appendix 1, while the better results are also shown on the plans below (Figures 6, 7, 8 & 10).

In the northern portion of E45/4560, two assays of over 1.0g/t Au were returned from iron-stained quartz vein rocks, in greenstones, with a further six assays of similar rocks being between 0.1-1.0 g/t Au (Figure 6). These samples are from outcrop and float within Warrawoona Group ultramafic greenstone rocks of the same sequence that hosts the nearby gold mineralization at the main Bamboo Creek mining centre. The bulk of these ultramafic rocks are covered by a blanket of magnesite/calcrete, alluvium and colluvium, and these anomalous gold results are considered highly encouraging.

Future exploration programs in this northern section of the E45/4560 licence will include metal-detecting in gold anomalous areas, along with soil and rock sampling and geological mapping.

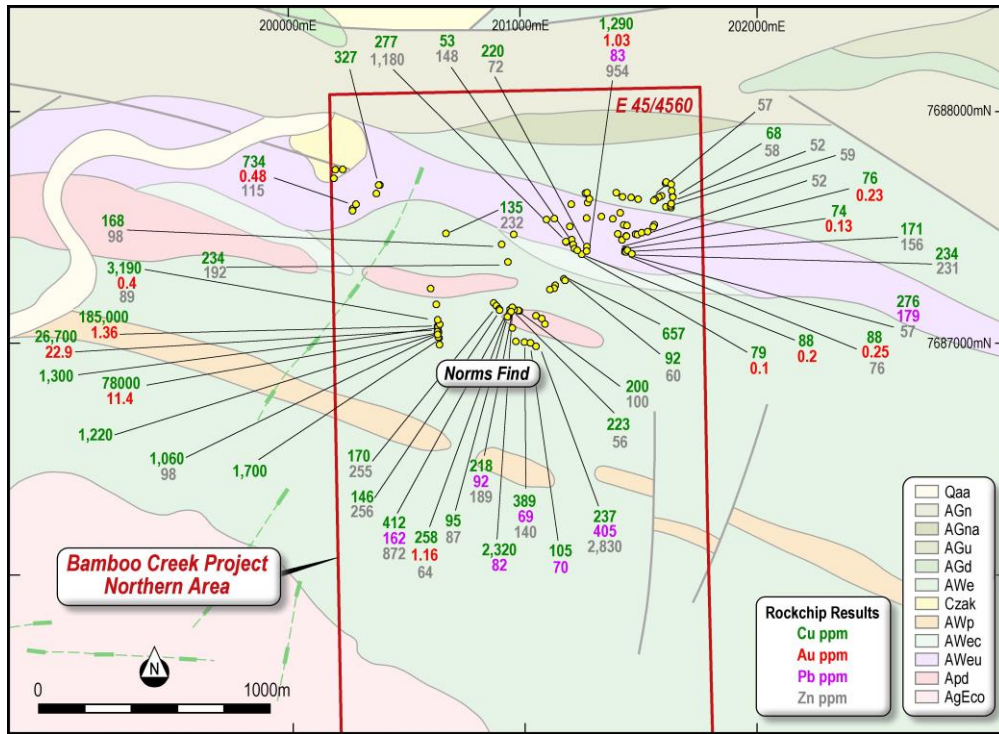


Figure 6: Northern part of the Bamboo Creek project showing new August 2018 samples

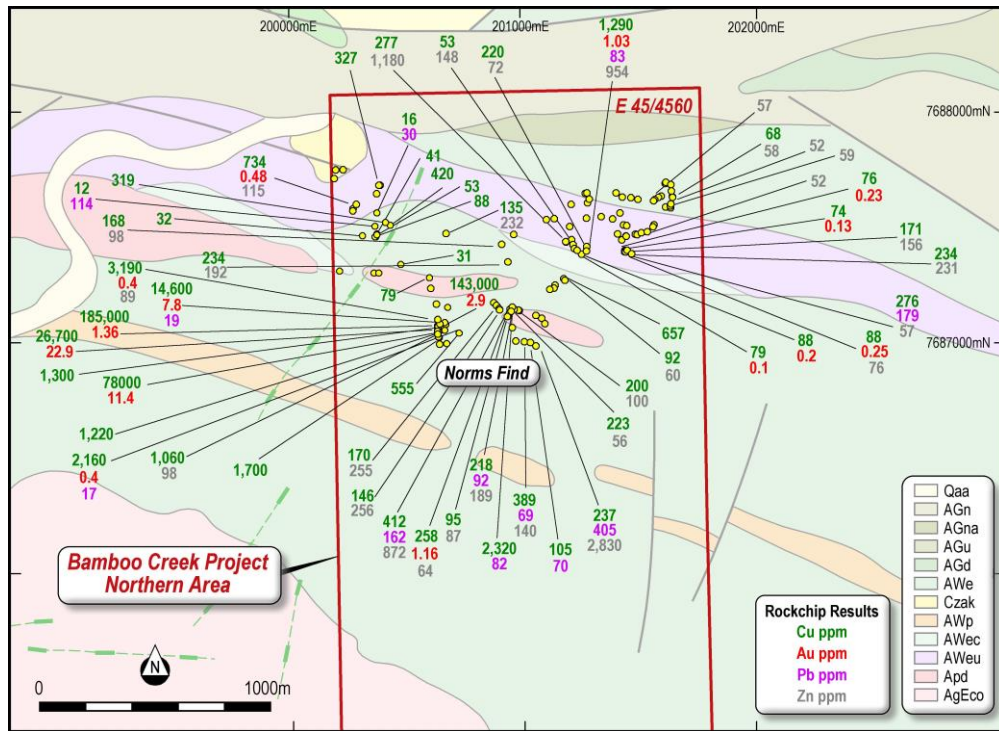
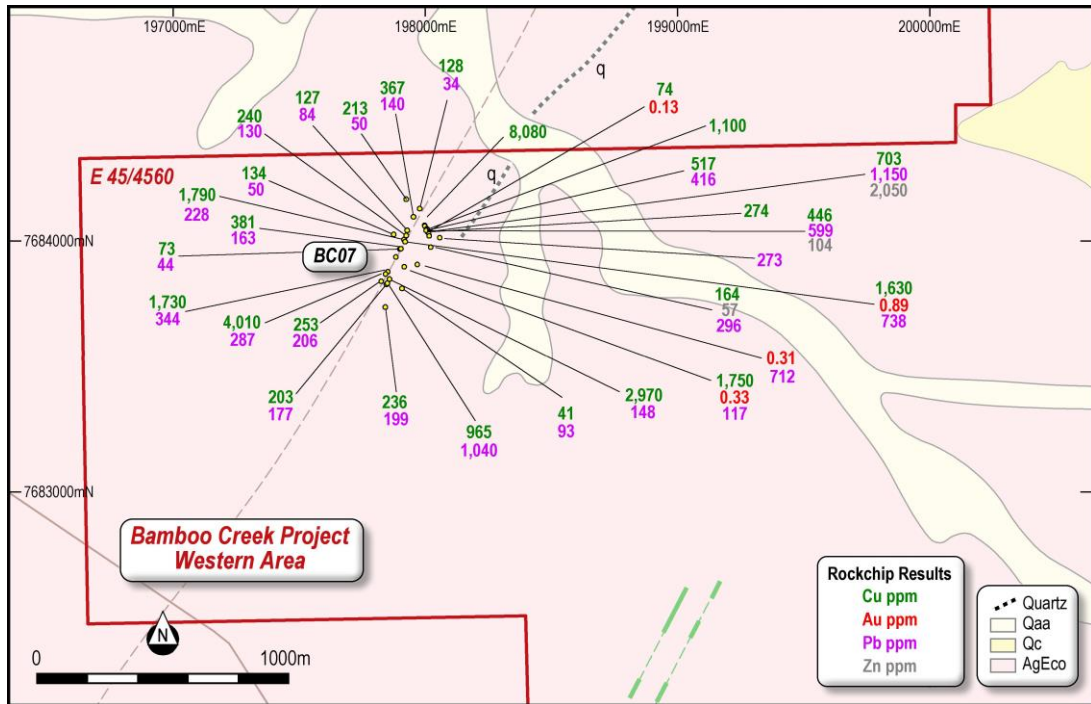


Figure 7: Northern part of the Bamboo Creek project showing all samples collected to date

Further sampling at the Norms Find prospect, also in the northern portion of E45/4560, returned high assay results for gold and copper. On this occasion testing was extended for up to 200m along the defined, north-south striking, quartz vein structure as well as into the hanging wall and footwall felsic and mafic volcanic rocks of the Warrawoona Group. This sampling returned assay values of up to 22.9g/t Au, 36g/t Ag and 18.5% Cu, with three of the assays being over 1g/t Au and 1.0% Cu (Figures 6 & 7).

A number of samples were also collected from sheared and altered felsic volcanic rocks in the northern portion of E45/4560, to test for potential felsic-hosted base metals or molybdenum-copper mineralization, analogous with the nearby Spinifex Ridge molybdenum-copper porphyry deposit. The samples collected to date returned only low values for precious and base metals, but these represent only a small volume of the total felsic rock outcrop areas in the project area. The highest values returned by these samples were 0.23% Cu and 256ppm Zn.



**Figure 8: Western part of the Bamboo Creek project with BC07 prospect area**

More samples were also collected at the BC07 prospect area, with the sampling having been extended along this extensive quartz vein system and also into the footwall and hanging wall rocks, which include extensive xenoliths and rafts of greenstones within the roof zone of the Coppin Gap Granodiorite (Figures 8 & 9). This sampling in the western portion of E45/4560, returned assay values of up to 0.33g/t Au, 0.81% Cu, 0.20% Zn and 0.11% Pb.



**Figure 9: View of BC07 prospect quartz vein in E45/4560 at the Bamboo Creek project**

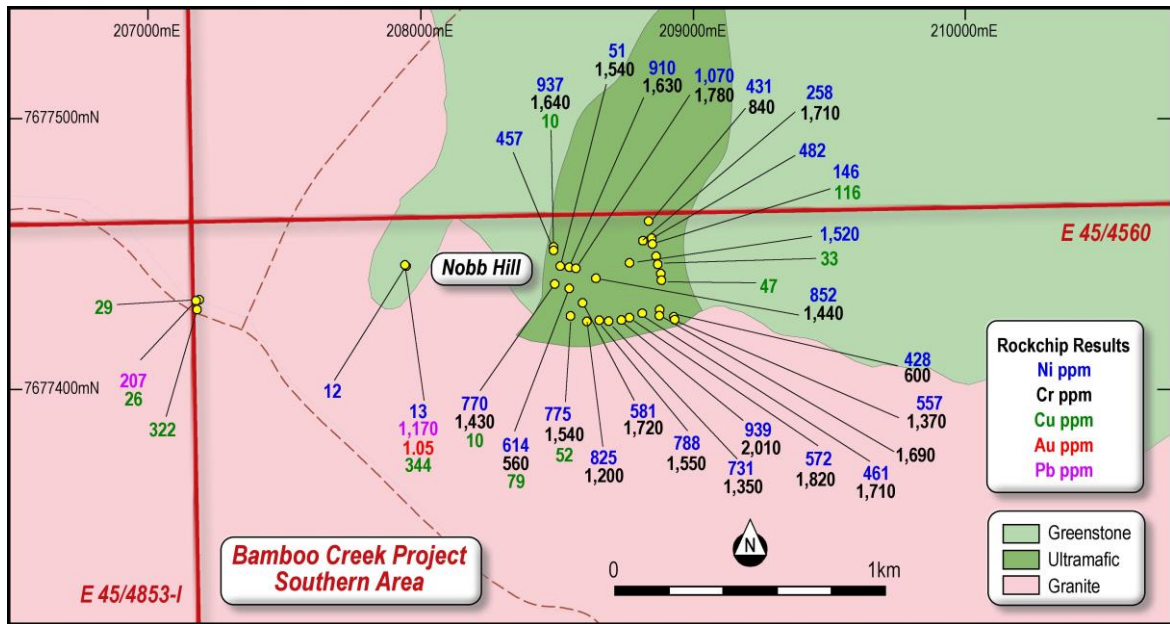


Figure 10: Eastern part of the Bamboo Creek project with the Nobb Hill prospect area

A number of new samples were also collected at the large, coarse-grained ultramafic intrusion, in the eastern portion of E45/4560, which comprises the Nobb Hill prospect. This prominent hill outcrops in the eastern portion of E45/4560 and consists of layered bands of serpentinised peridotite and metapyroxenite, with some talcose alteration zones. Only a few samples have been collected at this prospect and the extent of any differentiation and accumulation of chromite and other metals within the intrusive body is as yet poorly understood. The new sampling returned assay values of up to 0.2% Cr (with half the samples being over 0.1% Cr) 0.15% Ni and 91ppm Co (Figure 10). More systematic and detailed sampling will be required to hone in onto any highly anomalous metal-rich layers within this intrusive body.



Figure 11: Views of coarse-grained ultramafic intrusive rocks of Nobb Hill Intrusion in E45/4560

At the smaller Bamboo Creek project licence (E45/4853) a total of 70 rock samples (BBC001-070) were collected, principally from the locations of two previously defined geophysical target areas. There are no old workings in this exploration licence, which is entirely underlain by granitic rocks, albeit with some xenoliths of greenstone, pegmatite dykes and narrow intrusive felsic dykes. The 70 samples collected on this occasion were from the BC12 and BC13 aeromagnetic target zones, interpreted by a previous explorer of the area (in 2007) as possible late-stage magmatic intrusions or alteration zones. These samples returned low assay values, with maximum values of 9ppb Au, 167ppm As, 77ppm Li, 55ppm Pb and 82ppm Zn. The full assay results for gold, base metals, nickel and chrome are listed below in Appendix 2, while the better results are also shown on the plan below (Figure 12).

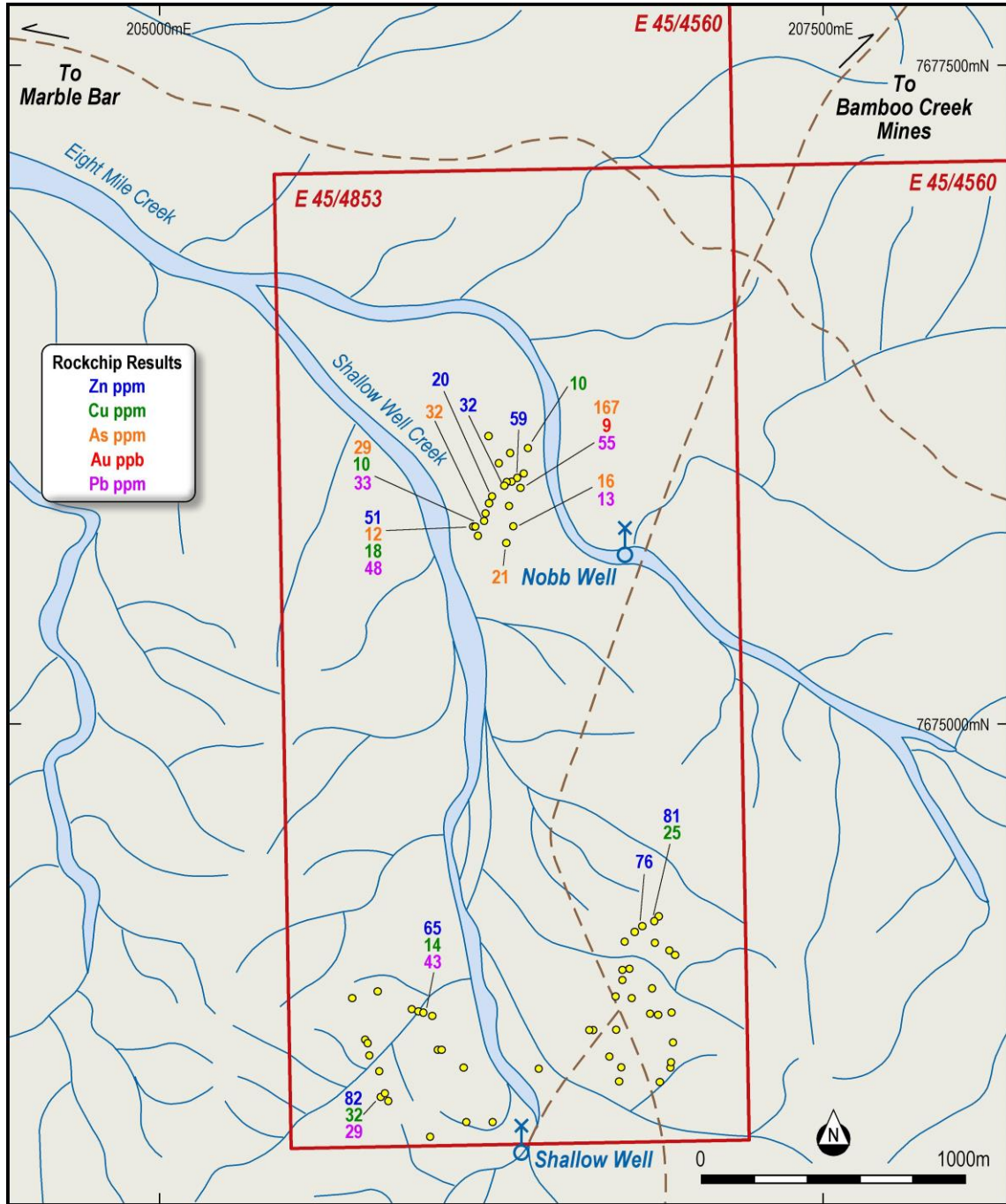


Figure 12: EL45/4853 at the Bamboo Creek project showing assay results

Future exploration work in this exploration licence area will focus on soil sampling and further rock sampling, in order to detect any anomalous areas of mineralization. The presence of greenstone xenoliths, geophysical anomaly zones and traces of base metals and gold, in the current sampling work, is considered encouraging for further follow-up work.





**Figure 13: View of outcropping quartz vein in E45/4853 at the Bamboo Creek project**

Further work is planned for the near future on all of the East Pilbara Project licences. This will include metal detecting as well as further sampling and geological mapping. The next phase of field work in the East Pilbara will again incorporate visits to all four of the project areas around the Marble Bar area. Further detailed rock sampling, soil sampling in colluvium and soil covered areas and detailed geological mapping will be utilised to better understand these complex gold, base metal and poly-metallic mineralised systems. This work will commence in the near future, prior to the summer heat and rain, during the current field season in the Pilbara.

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**Competent Persons Statement:**

*The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Kieron Munro, a Competent Person who is a Member of the Australian Institute of Geoscientists and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Munro is employed as an independent geological consultant by MinRex and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

## Appendix 1 – Bamboo Creek Project (E45/4560) - August 2018 Rock Sample Assay Results

Sample No.	Easting m	Northing m	Au ppm	Ag ppm	As ppm	Cr ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
BBR051	200214	7687749	0.00	0.0	9.6	170	0	4	128	10
BBR052	200182	7687748	0.00	0	3	440	2	11	181	7
BBR053	200158	7687711	0.00	0	6	355	0	8	161	6
BBR054	200374	7687682	0.00	0	5	20	0	1	7	1
BBR055	200369	7687682	0.00	0	7	40	1	327	41	9
BBR056	200359	7687645	0.00	0	13	185	4	5	54	4
BBR057	200257	7687580	0.48	0	15	80	23	734	67	115
BBR058	200256	7687571	0.00	0	14	390	4	38	144	23
BBR059	200271	7687599	0.00	0	42	535	4	37	129	16
BBR060	200271	7687599	0.00	0	32	260	5	58	68	7
BBR061	201092	7687533	0.00	0	2	25	0	2	7	1
BBR062	201126	7687537	0.00	0	2	30	0	3	6	1
BBR063	201199	7687599	0.00	0	4	815	1	3	157	13
BBR064	201265	7687539	0.00	0	1	25	0	8	7	1
BBR065	201329	7687546	0.00	0	1	30	0	6	8	5
BBR066	201378	7687536	0.00	0	30	85	2	10	14	9
BBR067	201400	7687471	0.00	0	41	15	0	128	5	0
BBR068	201431	7687400	0.08	0	1610	290	10	171	504	156
BBR069	201433	7687400	0.13	0	440	715	23	74	244	30
BBR070	201433	7687400	0.23	0	1480	1110	19	76	485	25
BBR071	201430	7687394	0.00	0	197	15	2	234	69	231
BBR072	201434	7687393	0.25	0	413	60	11	88	57	76
BBR073	201441	7687400	0.03	0	183	245	13	15	118	8
BBR074	201460	7687385	0.06	0	48	35	13	193	42	24
BBR075	201460	7687385	0.06	0	409	25	179	276	50	57
BBR076	201265	7687397	1.03	3	1750	10	83	1290	443	954
BBR077	200951	7687469	0.00	0	1	15	2	6	13	10
BBR078	200899	7687426	0.02	0	91	165	4	168	57	98
BBR079	200926	7687350	0.00	0	30	25	2	234	86	192
BBR080	200865	7687173	0.00	0	4	5	6	9	13	37
BBR081	200876	7687161	0.00	0	1	5	3	4	6	24
BBR082	200888	7687147	0.00	0	2	130	8	170	144	255
BBR083	200890	7687142	0.00	0	2	150	4	146	112	256
BBR084	200935	7687145	0.03	1	154	15	162	412	30	872
BBR085	200935	7687131	1.16	0	84	10	23	258	24	64
BBR086	200935	7687131	0.06	0	151	10	92	218	37	189
BBR087	200933	7687128	0.02	0	202	40	82	2320	44	46
BBR088	200924	7687113	0.00	0	26	75	4	95	70	87
BBR089	201260	7687647	0.00	0	4	685	0	26	353	18
BBR090	201267	7687649	0.00	0	2	910	0	15	519	20
BBR091	201277	7687622	0.00	0	4	250	0	24	149	13

Sample No.	Easting m	Northing m	Au ppm	Ag ppm	As ppm	Cr ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
BBR092	201410	7687562	0.00	0	2	15	2	3	9	4
BBR093	201425	7687510	0.00	0	16	20	1	7	6	8
BBR094	201439	7687507	0.00	0	4	60	0	2	32	8
BBR095	201436	7687462	0.05	1	51	20	3	90	23	4
BBR096	201437	7687461	0.00	0	4	300	0	8	74	6
BBR097	201476	7687470	0.00	0	6	195	0	14	85	10
BBR098	201484	7687468	0.00	0	45	340	2	16	401	52
BBR099	201502	7687476	0.00	0	3	110	0	4	76	13
BBR100	201528	7687481	0.00	0	4	95	0	4	55	11
BBR101	201553	7687502	0.00	0	9	60	0	3	57	10
BBR102	201557	7687511	0.00	0	6	35	0	12	21	8
BBR103	201607	7687588	0.00	0	1	40	0	32	53	59
BBR104	201629	7687584	0.00	0	1	20	0	24	29	23
BBR105	201628	7687592	0.01	0	6	10	3	16	12	11
BBR106	201630	7687601	0.00	0	17	15	1	35	52	39
BBR107	201636	7687633	0.00	0	2	15	1	3	71	52
BBR108	201637	7687630	0.00	0	1	35	0	68	72	58
BBR109	201632	7687657	0.00	0	5	15	2	3	28	30
BBR110	201630	7687685	0.00	0	0	10	0	3	2	6
BBR111	201605	7687690	0.00	0	1	10	0	24	26	13
BBR112	201608	7687695	0.00	0	1	5	2	92	26	63
BBR113	201588	7687635	0.00	0	4	15	3	18	15	4
BBR114	201576	7687630	0.00	0	1	10	0	20	9	57
BBR115	201560	7687620	0.00	0	15	60	2	62	108	26
BBR116	201555	7687615	0.00	0	13	25	4	74	66	34
BBR117	201487	7687621	0.00	0	17	390	1	19	160	16
BBR118	201457	7687628	0.00	0	23	5	2	4	20	14
BBR119	201420	7687631	0.00	0	7	625	1	48	113	29
BBR120	201393	7687649	0.00	0	4	15	0	12	12	25
BBR121	201270	7687606	0.00	0	1	90	0	4	5	0
BBR122	201193	7687503	0.00	0	3	20	0	2	9	3
BBR123	201201	7687446	0.00	0	9	20	0	9	9	6
BBR124	201207	7687425	0.01	0	30	5	3	53	18	148
BBR125	201213	7687408	0.10	2	36	10	28	79	14	31
BBR126	201225	7687400	0.06	1	24	20	8	26	19	53
BBR127	201244	7687383	0.20	1	68	10	6	174	17	33
BBR128	201167	7687277	0.00	0	2	10	1	657	5	12
BBR129	201172	7687270	0.01	0	32	35	0	92	103	60
BBR130	201130	7687249	0.00	0	1	50	0	58	14	12
BBR131	201125	7687236	0.00	0	4	15	0	7	14	1
BBR132	201107	7687231	0.01	0	29	10	2	136	22	7
BBR133	201072	7687106	0.00	0	1	5	4	3	3	21
BBR134	201047	7687118	0.00	0	1	10	2	2	5	1
BBR135	200975	7687139	0.01	0	11	15	3	45	11	14

Sample No.	Easting m	Northing m	Au ppm	Ag ppm	As ppm	Cr ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
BBR136	200971	7687141	0.00	0	32	75	2	200	62	100
BBR137	200953	7687145	0.00	0	38	40	2	258	71	92
BBR138	200945	7687154	0.00	0	4	5	4	18	6	13
BBR139	200945	7687154	0.01	0	2	0	1	3	3	3
BBR140	200940	7687136	0.01	0	50	5	5	223	21	56
BBR141	200945	7687065	0.00	0	1	40	0	170	36	29
BBR142	200960	7687007	0.00	0	2	10	4	41	9	4
BBR143	200997	7687004	0.01	0	10	15	69	389	13	140
BBR144	201023	7687001	0.01	0	7	25	70	105	10	43
BBR145	201047	7686986	0.05	0	117	10	405	237	2	2830
BBR146	201086	7687082	0.00	0	2	30	3	54	41	6
BBR147	201266	7687416	0.02	0	138	10	21	220	43	72
BBR148	201418	7687445	0.00	0	3	95	0	3	42	4
BBR149	201177	7687436	0.00	0	2	30	2	124	47	38
BBR150	201176	7687438	0.00	0	44	0	2	277	37	1180
BBR151	197998	7684062	0.01	0	2	55	17	64	20	20
BBR152	197999	7684059	0.01	1	6	35	8	8080	17	37
BBR153	198007	7684049	0.00	0	2	25	36	37	12	16
BBR154	198007	7684049	0.02	0	1	15	45	127	6	14
BBR155	198008	7684046	0.01	0	1	30	54	145	14	12
BBR156	198009	7684044	0.00	0	1	30	8	1100	13	8
BBR157	198013	7684032	0.01	1	2	15	1150	703	6	2050
BBR158	198014	7684031	0.00	0	2	75	69	274	29	35
BBR159	198014	7684031	0.01	0	2	35	599	446	12	104
BBR160	198016	7684020	0.03	0	1	30	273	68	11	13
BBR161	198004	7684042	0.01	0	2	105	416	517	46	64
BBR162	198058	7684013	0.01	1	0	10	70	35	2	3
BBR163	198022	7683975	0.03	0	3	120	296	164	24	57
BBR164	197969	7683906	0.31	2	1	10	712	22	1	7
BBR165	197917	7683897	0.33	1	1	20	117	1750	8	25
BBR166	197852	7683877	0.06	3	1	10	344	1730	4	2
BBR167	197843	7683868	0.04	7	1	10	287	4010	5	26
BBR168	197826	7683839	0.01	4	1	10	206	253	5	4
BBR169	197884	7683936	0.00	0	1	10	3	96	4	3
BBR170	197904	7683969	0.01	1	1	10	163	381	1	7
BBR171	200659	7687473	0.00	0	16	90	4	135	105	232
BBR172	200593	7687235	0.00	0	19	15	2	53	18	28
BBR173	200625	7687076	11.40	36	7	15	1	78000	12	9
BBR174	200625	7687076	22.90	22	41	20	2	26700	18	7
BBR175	200625	7687076	1.36	32	15	10	1	185000	60	16
BBR176	200622	7687071	0.07	1	22	10	2	349	3	3
BBR177	200624	7687057	0.02	2	6	10	4	1300	5	2
BBR178	200624	7687044	0.05	10	405	10	17	1060	44	98
BBR179	200631	7686993	0.01	0	4	40	0	62	33	9

Sample No.	Easting m	Northing m	Au ppm	Ag ppm	As ppm	Cr ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
BBR180	200629	7687022	0.01	0	12	25	7	72	32	43
BBR181	200626	7687025	0.01	0	9	90	0	77	28	26
BBR182	200624	7687067	0.02	0	4	50	8	256	19	36
BBR183	200625	7687070	0.01	0	1	105	1	141	54	13
BBR184	200627	7687047	0.01	0	19	45	3	54	57	7
BBR185	200622	7687049	0.00	0	55	35	2	37	27	21
BBR186	200632	7687081	0.01	0	2	40	0	60	28	5
BBR187	200623	7687037	0.09	1	460	20	33	1220	58	16
BBR188	200623	7687037	0.08	1	843	15	35	1700	91	22
BBR189	200623	7687100	0.40	3	17	25	7	3190	17	89
BBR190	200617	7687167	0.02	0	7	25	1	34	25	23
BBR191	208549	7676772	0.00	0	4	1540	0	52	775	50
BBR192	208609	7676753	0.00	0	4	1260	1	9	825	27
BBR193	208655	7676757	0.00	0	7	1550	1	5	788	14
BBR194	208689	7676754	0.00	0	2	1350	0	3	731	22
BBR195	208736	7676757	0.00	0	2	2010	0	7	939	17
BBR196	208765	7676766	0.00	0	200	1820	34	20	572	27
BBR197	208812	7676783	0.00	0	4	1710	3	8	461	17
BBR198	208875	7676773	0.00	0	2	1690	1	3	69	38
BBR199	208932	7676760	0.00	0	3	1370	0	7	557	11
BBR200	208929	7676771	0.01	0	1	600	0	8	428	17
BBR201	208877	7676795	0.00	0	2	20	3	6	13	4
BBR202	208885	7676904	0.00	0	14	70	0	47	70	43
BBR203	208880	7676929	0.00	0	2	20	1	2	20	8
BBR204	208870	7676963	0.00	0	10	820	1	33	52	13
BBR205	208864	7676992	0.00	0	1	25	3	2	14	8
BBR206	208850	7677038	0.00	0	1	145	0	116	146	35
BBR207	208847	7677058	0.00	0	1	410	0	17	482	11
BBR208	208836	7677121	0.00	0	3	840	4	10	431	12
BBR209	208816	7677049	0.00	0	3	1010	0	3	258	20
BBR210	208766	7676968	0.00	0	3	490	0	3	1520	3

## Appendix 2 – Bamboo Creek Project (E45/4853) - August 2018 Rock Sample Assay Results

Sample No.	Easting m	Northing m	Au ppm	Ag ppm	As ppm	Cr ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
BCR001	206885	7673657	0	0	1	20	1	3	4	1
BCR002	206924	7673712	0	0.05	1	20	2	4	9	5
BCR003	206927	7673731	0	0	1	15	0	3	1	1
BCR004	206933	7673805	0	0	0.8	15	0	3	3	2
BCR005	207038	7673867	0	0	0.8	20	3	0	5	2
BCR006	206928	7673917	0	0	1	10	0	3	3	0
BCR007	206878	7673908	0	0	1.2	25	0	5	8	1
BCR008	206848	7673912	0	0	1	15	0	3	7	0
BCR009	206719	7673851	0	0	1.2	15	1	6	4	2
BCR010	206628	7673851	0	0	0.8	10	12	4	8	4
BCR011	206620	7673851	0	0	1.2	25	2	3	8	7
BCR012	206695	7673751	0	0	1	20	0	3	4	1
BCR013	206741	7673711	0	0	0.8	15	0	4	11	0
BCR014	206732	7673659	0	0	0.8	20	0	3	3	1
BCR015	206256	7673506	0	0	0.6	10	5	5	3	3
BCR016	206156	7673506	0	0	0.8	15	2	4	6	10
BCR017	206022	7673450	0	0	1.2	15	4	5	0	1
BCR018	205863	7673584	0	0	0.8	15	0	7	7	5
BCR019	205839	7673603	0	0	4	30	29	32	12	82
BCR020	205846	7673611	0	0	1	20	2	5	7	4
BCR021	205829	7673697	0	0	1	15	3	8	7	4
BCR022	205791	7673756	0	0	1.2	15	12	4	5	3
BCR023	205783	7673802	0	0	1.2	15	2	4	7	7
BCR024	205775	7673815	0	0	1	15	0	3	6	2
BCR025	205727	7673970	0	0	1	20	4	6	4	0
BCR026	205823	7673996	0	0	0.8	15	0	3	2	2
BCR027	205951	7673930	0	0	0.8	10	0	3	4	0
BCR028	205978	7673921	0	0	1	15	1	2	9	3
BCR029	205992	7673919	0	0	2.6	20	43	14	6	65
BCR030	206030	7673905	0	0	0.8	15	2	2	4	0
BCR031	206050	7673778	0	0	0.6	10	4	3	6	3
BCR032	206060	7673777	0	0	1	15	0	5	1	1
BCR033	206147	7673709	0	0	0.8	20	1	5	1	2
BCR034	206428	7673705	0	0	0.8	10	0	2	4	1
BCR035	206716	7673978	0	0	0.8	20	0	3	6	0
BCR036	206779	7673971	0	0	0.8	15	0	6	4	11
BCR037	206854	7674008	0	0	0.8	15	0	2	5	0
BCR038	206941	7674135	0	0	0.6	15	0	2	1	2
BCR039	206921	7674153	0	0	1	10	1	2	6	3
BCR040	206918	7674152	0	0	0.4	10	3	1	4	1
BCR041	206866	7674180	0	0	1	20	0	1	7	0
BCR042	206863	7674259	0	0	2.8	35	8	25	20	81

Sample No.	Easting m	Northing m	Au ppm	Ag ppm	As ppm	Cr ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
BCR043	206880	7674278	0	0	0.8	15	0	5	7	0
BCR044	206817	7674242	1	0	1.2	15	2	4	7	0
BCR045	206790	7674220	0	0	1.2	5	4	9	1	76
BCR046	206751	7674184	0	0	0.8	10	0	3	3	1
BCR047	206770	7674084	0	0	0.8	20	0	3	2	3
BCR048	206744	7674078	0	0	1	15	3	8	4	3
BCR049	206744	7674078	0	0	0.8	5	8	5	9	4
BCR050	206745	7674039	3	0	0.6	5	0	7	4	3
BCR051	206360	7675894	9	0	167	15	55	3	3	2
BCR052	206324	7675916	0	0	1.8	15	0	2	8	2
BCR053	206300	7675903	0	0	0.6	35	4	10	30	32
BCR054	206308	7675912	0	0	1	10	3	8	2	6
BCR055	206348	7675931	0	0	0.4	10	7	7	4	59
BCR056	206372	7675946	0	0	0.8	25	0	4	6	5
BCR057	206388	7676043	0	0	1	15	6	10	8	6
BCR058	206322	7676024	0	0	1	15	7	8	4	15
BCR059	206240	7676086	1	0	1	10	1	4	1	3
BCR060	206279	7675986	0	0	1	15	0	3	5	2
BCR061	206254	7675861	0	0	1	10	4	5	5	20
BCR062	206241	7675838	0	0	0.8	15	0	4	4	0
BCR063	206229	7675798	0	0	1.4	10	3	4	6	7
BCR064	206223	7675769	2	0	32.4	15	5	7	9	5
BCR065	206183	7675748	3	0	28.6	15	33	10	22	14
BCR066	206183	7675748	0	0	12.2	25	48	18	16	51
BCR067	206201	7675713	0	0	1	15	0	3	5	2
BCR068	206308	7675685	0	0	21.4	15	7	5	3	6
BCR069	206334	7675750	0	0	15.6	15	13	2	3	6
BCR070	206317	7675825	0	0	1.2	15	6	6	8	17

## Table 1) – East Pilbara Projects – Rock Sampling

### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>MinRex Resources Limited (‘MinRex’) has collected random surface rock samples from selected old workings, prospects, outcrops, from float, scree, and colluvium at the Bamboo Creek Project.</li> <li>MinRex has also collected shallow soil samples, along lines, in selected areas at the Bamboo Creek Project.</li> <li>All of the work completed to date is considered to be qualitative and exploratory rather than quantitative and representative. The Bamboo Creek Project area remains in an early exploration phase and no mineralisation considered being potentially economic has yet been outlined.</li> <li>MinRex manages its exploration and assaying activities in accordance with industry standard quality assurance and quality control procedures. Samples are collected by appropriately trained personnel and prepared in accordance with specified procedures.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	<ul style="list-style-type: none"> <li>MinRex has not completed any drilling at the Bamboo Creek Project area. No drilling is being reported.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>MinRex has not completed any drilling at the Bamboo Creek Project area. No drilling is being reported.</li> </ul>
Logging	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>All surface samples have been geologically logged for rock, soil or colluvium type.</li> </ul>



Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>• Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>• The total length and percentage of the relevant intersections logged.</li> </ul>	
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>• If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>• If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>• For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>• 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.</li> <li>• Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>• Surface samples are of approximately 1kg weight and were collected into calico or plastic sample bags for transport to the chemical laboratory.</li> <li>• When collected, soil samples are screened, in the assay laboratory, to extract the minus 3mm fraction for analysis.</li> <li>• No field duplicates were taken due to the early exploration phase of the current work.</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>• 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.</li> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• Samples from the surface rock sampling were submitted to Bureau Veritas (Ultra Trace Laboratories) in Perth for appropriate industry standard analysis for various metallic elements.</li> <li>• The samples have been sorted and dried, crushed and then pulverized in a vibrating disc pulveriser.</li> <li>• The samples were digested with Aqua Regia and analysed by ICP; cobalt, copper, chrome, iron, manganese, nickel and zinc by ICP-OES, and gold, arsenic, silver, bismuth, lithium, molybdenum, lead, antimony, tin, tellurium, thorium, uranium and tungsten by ICP-MS.</li> <li>• Bureau Veritas run appropriate assay standards, blanks, duplicates and other internal checks on the analytical samples.</li> <li>• However, due to the sampling methodology the results are considered to be qualitative and exploratory rather than quantitative and representative - at this early stage of the exploration work.</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>• The verification of significant intersections by either independent or alternative company personnel.</li> <li>• The use of twinned holes.</li> <li>• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>• Discuss any adjustment to assay</li> </ul>	<ul style="list-style-type: none"> <li>• Independent verification of the sampling is not considered applicable, as the work to date is considered to be qualitative and exploratory and not for use for definitive data purposes.</li> <li>• However, all samples are collected by appropriately trained personnel and prepared in accordance with specified procedures.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<i>data.</i>	<ul style="list-style-type: none"> <li>No adjustment has been made to any assay data.</li> </ul>
<i>Location of data points</i>	<ul style="list-style-type: none"> <li><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></li> <li><i>Specification of the grid system used.</i></li> <li><i>Quality and adequacy of topographic control.</i></li> </ul>	<ul style="list-style-type: none"> <li>All data points (rock chip and soil sampling) have been determined using a handheld Garmin GPS device with an arbitrary accuracy of about 2-5m – adequate for the early exploration work undertaken. No topographic control has been established for the Project area.</li> <li>The grid system used in the East Pilbara is MGA_GDA94 Zones 50 and 51.</li> </ul>
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <li><i>Data spacing for reporting of Exploration Results.</i></li> <li><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></li> <li><i>Whether sample compositing has been applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>Data spacing for the rock, float, colluvium and other surface samples is random and not for use in definitive data purposes.</li> <li>Soil samples have been collected at a nominal spacing of 50m on sample lines.</li> <li>No sample compositing has been applied.</li> </ul>
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> <li><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></li> <li><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></li> </ul>	<ul style="list-style-type: none"> <li>The orientation of the sampling is not considered to be important, as the work to date is considered to be qualitative and exploratory and not for use for definitive data purposes.</li> <li>The orientation of geological structure and layering remains speculative.</li> </ul>
<i>Sample security</i>	<ul style="list-style-type: none"> <li><i>The measures taken to ensure sample security.</i></li> </ul>	<ul style="list-style-type: none"> <li>Samples were placed directly into numbered bags in the field. These bags were then either stapled (plastic bags) or tied (calico bags). The individual sample bags were then placed into larger plastic bags and transported directly from the field to the laboratory by the field exploration personnel, at the completion of the field program.</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>No audits or reviews have been undertaken as the work to date is considered to be qualitative and exploratory and not for use in definitive data purposes.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>• <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></li> <li>• <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></li> </ul>	<ul style="list-style-type: none"> <li>• The Bamboo Creek Project lies in two granted exploration licences – E45/4560 (of about 69km<sup>2</sup>) and E45/4853 (of about 6km<sup>2</sup>), located approximately 70km northeast of Marble Bar, by road. The licences are 70% owned by MinRex Resources Limited.</li> <li>• The Bamboo Creek Project is in the East Pilbara Shire and the East Pilbara region, within Western Australia; the Bamboo Creek Project is on the Yarrie pastoral lease and is covered by the Njama Native Title Claim.</li> <li>• The two exploration licences are granted.</li> </ul>
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li>• <i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The Bamboo Creek project area has had no previous mining activities. It lies between the gold deposits of the Bamboo Creek mining centre and the polymetallic Spinifex Ridge deposit. The area has been explored previously by various exploration companies, including Metals Exploration, Stockdale Prospecting, Haoma Mining, Artemis Resources and Metal Bank Ltd in the period from 1969 through to 2015. This work included soil sampling programs, rock chip sampling, BLEG sampling, geophysical interpretation and geological mapping.</li> <li>• MinRex has obtained this data from the WAMEX website of the GSWA and the methods and procedures utilised in this historic work are not detailed in the available data.</li> <li>• Old work within the Project area is encouraging, especially the early geochemistry and drilling that shows some clearly anomalous gold values. However, this old data is used as a guide to where to apply new exploration and is not itself regarded as material.</li> </ul>
<i>Geology</i>	<ul style="list-style-type: none"> <li>• <i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The Bamboo Creek Project lies within the Archean Warrawoona Group Greenstone Belt and in the East Pilbara Goldfield of WA.</li> <li>• The Project areas host Archean greenstones, predominantly meta-basalt and high-Mg meta-basalt, with some meta-sediment, granite</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p>dykes and granitic intrusions. Gold mineralisation and gold-copper mineralisation in the East Pilbara Goldfield is hosted by shear zones and quartz veins, within Archean greenstones. There are some areas of transported soil, colluvium and alluvium within the Project area, which effectively conceal any mineralisation present and MinRex is seeking gold, copper-gold, base metals and polymetallic deposits under this cover within the Project areas.</p>
<p><i>Drill hole Information</i></p>	<ul style="list-style-type: none"> <li>• <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"> <li>○ <i>easting and northing of the drill hole collar</i></li> <li>○ <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li>○ <i>dip and azimuth of the hole</i></li> <li>○ <i>down hole length and interception depth</i></li> <li>○ <i>hole length.</i></li> </ul> </li> <li>• <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></li> </ul>	<ul style="list-style-type: none"> <li>• MinRex has not completed any drilling at the project area. No drilling is being reported.</li> </ul>
<p><i>Data aggregation methods</i></p>	<ul style="list-style-type: none"> <li>• <i>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.</i></li> <li>• <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></li> <li>• <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Rock chip and soil sample assay values are reported as point values.</li> <li>• Actual metal assay values are reported with no modification.</li> </ul>
<p><i>Relationship between mineralisation widths and intercept lengths</i></p>	<ul style="list-style-type: none"> <li>• <i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li>• <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Not applicable as point values are being reported - not mineralisation widths or drilling results.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>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').</li> </ul>	
Diagrams	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Plan view maps are utilised showing the location of significant rock chip, float, calcrete, ferricrete and soil sample results. These maps may show only the highest values for the sake of easy determination of the most anomalous areas where further work will be completed in subsequent programs.</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>All sample assay results are included in tables of results in the text or Appendices. However, maps may show only the highest values for the sake of easy visualisation of the most anomalous areas.</li> </ul>
Other substantive exploration data	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>There are no other results to report that are considered material.</li> <li>All of the work completed to date is considered to be qualitative and exploratory rather than quantitative and representative. The Bamboo Creek Project area remains at an early exploration phase and no mineralisation considered to be significant has yet been outlined by this work.</li> </ul>
Further work	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Further rock chip, float, colluvium, calcrete and soil sampling is planned for the future, to further hone into the most anomalous areas within the Project areas.</li> </ul>