ASX AND MEDIA ANNOUNCEMENT

28 April 2020

DEFLECTOR EXTENDED EXPLORATION PROGRAM RESULTS

HIGHLIGHTS

- **Exceptional assay results have been received from the 144 rock samples collected at MinRex's Deflector Extended Gold Project during March 2020.**
- **Excellent rock sampling results were returned with nine assays exceeding 1g/t Au and three exceeding 4g/t Au. Most of the 144 rock samples collected on this occasion were of quartz and quartz-goethite veins and float.**
- **The three values over 4g/t Au came from three different areas within the exploration licence; two were following up on previous anomalous results from surface outcropping and sub-cropping quartz-goethite veins, while the third, of quartz float, came from an entirely different, previously untested area.**
- **131 soil samples were also collected from north of the Cagacaroon Hills, with the highest result being 4ppb Au.**
- **These assay results build on the encouraging results from previous exploration programs, and will be followed up with further sampling in the near future.**
- **The Company also wishes to announce that the detailed airborne geophysical survey of the East Pilbara Project areas commenced on the 27th April 2020.**

MinRex Resources Limited (ASX: MRR) ('MinRex') is pleased to provide the following update regarding the recent exploration sampling program at its Deflector Extended Gold Project at Gullewa in Western Australia (Figure 1).

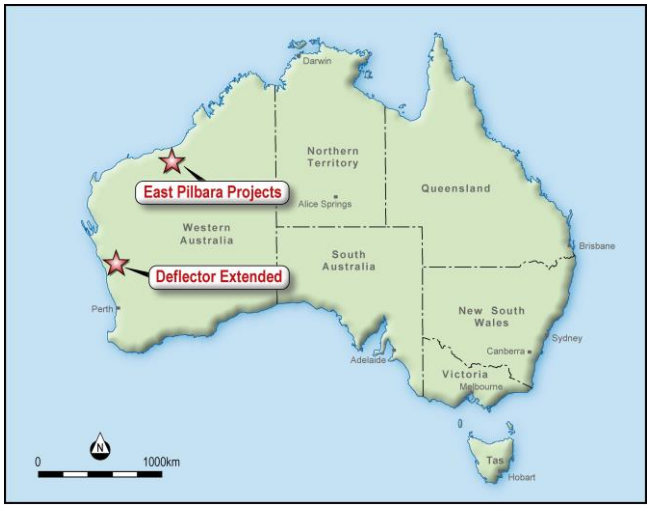

Figure 1: Location of MinRex Project Areas

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MinRex's Deflector Extended Gold Project (E59/1657) lies 4km, along strike, to the northeast of the Silver Lake Resources Limited Deflector Mine, where copper-gold mineralisation occurs in shear zones in meta-basalt, and only 2km from the Golden Stream open-cut, where gold has been mined from shear-zone hosted quartz veins in meta-basalt.

Current and previous Deflector Extended exploration program details

During the latest field sampling program, in March 2020, a total of 144 rock samples and 131 soil samples (a total of 275 samples), were collected from throughout the licence area – but principally in the scree covered area immediately to the north of the Cagacaroon Hills, containing the principal known anomalous areas. The rock samples were taken from outcrop, float and scree, at random locations, where prospective rocks were observed; with each sample being about 0.5-1.0kg in weight.

The soil sampling program was designed to extend the soil sample coverage by completing three long north-south soil sampling lines in the north and east of the licence. A total of 6.4 line kilometres of soil sampling were completed at 50m sample spacing. Most of this area is covered by deep scree, colluvium and alluvium (Figure 2).

The rock and soil samples were analysed for eight metallic elements (gold, silver, arsenic, copper, lead, molybdenum, nickel and zinc) by the ICP method, either ICP-MS or ICP-OS, by Bureau Veritas in Canning Vale, Perth.

Figure 2: View of sand and colluvium covered area to the north of Cagacaroon Hills, in E59/1657

MinRex has been actively exploring the Deflector Extended Gold Project, since 2012, utilising surface soil, auger and rock sampling and geological mapping to hone in to buried mineralized structures and favourable settings for mineralization. About 85% of the project area is covered by scree, colluvium and alluvium, which is up to 20-30m thick, with only a few outcrop areas of mafic meta-basalt in the Cagacaroon Hills area, and other small areas of granite, dolerite and ferricrete.

Rock types observed in this covered area, in small outcrops and as scree and float, include meta-basalt, meta-shale and other meta-sediments, ferricrete (pisolitic goethite), granite, dolerite/gabbro and vein quartz. The surface distribution of float rocks suggests that this area is largely underlain by mafic meta-basalt and meta-sediment, with granite predominating to the west and north, and one or two Proterozoic dolerite dykes also being present.

MinRex has now collected a total of 744 surface rock samples at the Deflector Extended Gold Project, 725 soil samples and 185 auger drill samples, which have defined significant anomalous zones for further examination and sampling. There have also been prior programs of RAB drilling,

aircore drilling and soil sampling, by earlier explorers of the area with these results supporting the definition of these anomalous zones.

New Deflector Extended exploration program results

The new rock sampling results are considered to be excellent; while previous exploration programs have returned only two gold values over 1g/t Au in the Deflector Extended Gold Project area; on this occasion, in a single sampling program, nine values over 1g/t Au have been collected, and these from three different areas. The new rock sample assay results include three values over 4g/t Au, from three different areas in the north and east of the exploration licence. Two of these were from previously known and sampled anomalous areas, although with no previous assay results as high-grade. These were the "Corner Creek" area (4.04g/t Au), in the central "elbow" of the licence (with a previous assay of 2.89g/t Au) and the "Eastern Dolerite" area (4.89g/t Au)(with a previous assay of 1.07g/t Au). In both of these areas narrow (<1m wide) quartz-goethite veins outcrop, sub-crop and occur as scattered float, in mafic meta-basalt. Although outcrop is poor, these veins seem to be up to 100m in length, outcrop discontinuously, and strike north-south to northeast-southwest and are sub-vertical. The two areas have different minor element geochemistry with the Corner Creek area having only gold values while at the Eastern Dolerite area gold is associated with elevated copper and lead values, up to 1.75% Pb and 0.2% Cu; this area (Eastern Dolerite) returned nine assays over 0.1g/t Au from only eleven samples collected. This mineralisation is in proximity to a Proterozoic, dolerite intrusive body.

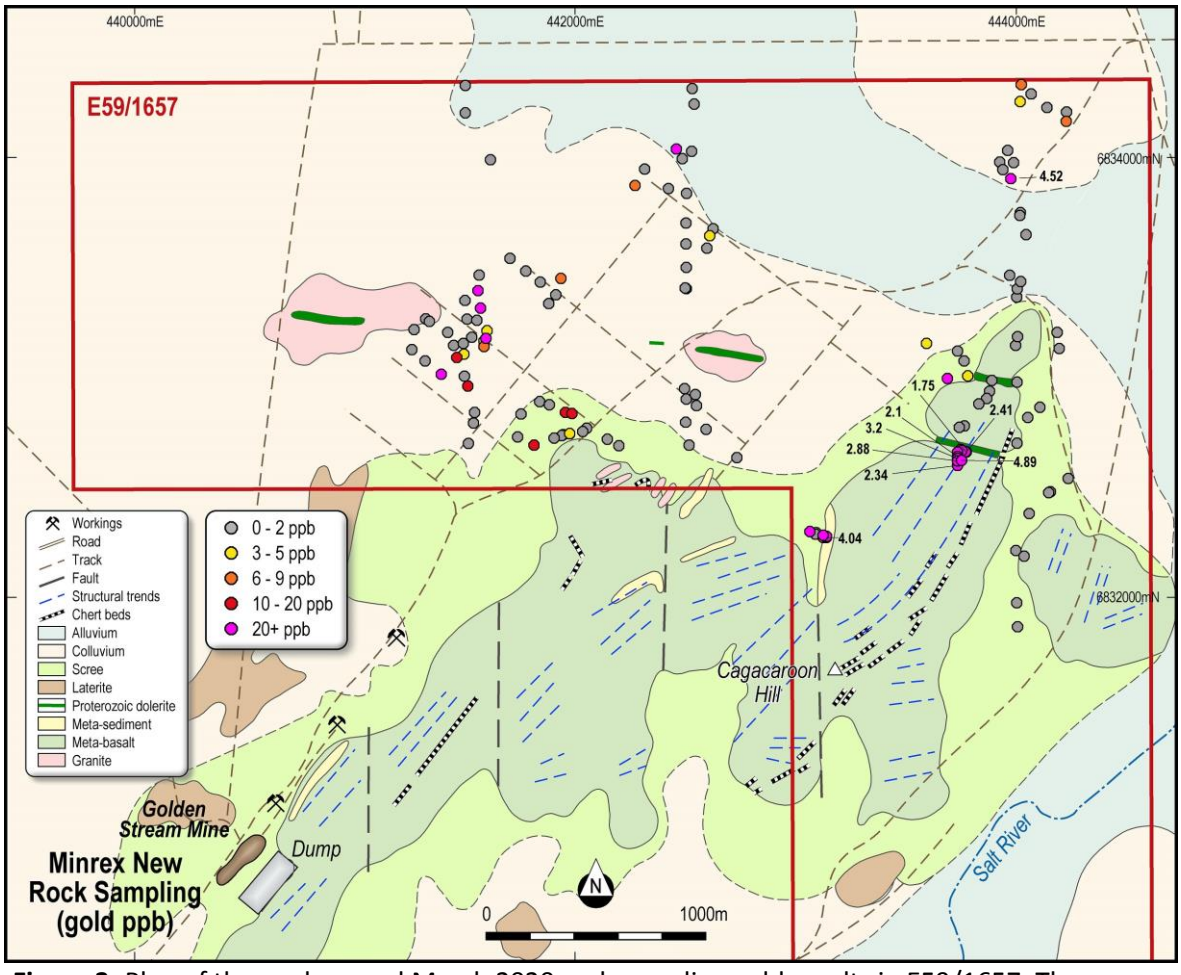

Figure 3: Plan of the geology and March 2020 rock sampling gold results in E59/1657. The assays over 1g/t Au (1,000ppb) are labelled

The third highly anomalous result was of 4.52g/t Au, returned from a single grab sample of scattered, vein quartz float material in clay/sand colluvium on flat floodplain, with minor pisolitic

ferricrete material, in the extreme north-eastern corner of the exploration licence. This sample suggests that it is probable that the mafic meta-basalt lithology continues under this colluvium covered area that has not previously been tested by soil sampling or drilling. In all the three prospect areas define a one kilometre wide and two kilometre long anomalous area that is now considered a high priority for future exploration.

Figure 3 (above) shows the gold results for the 144 new rock samples, the assays over 1g/t Au (1,000ppb) are labelled; while Appendix 1 has the full assay results for gold and base metals.

The soil sampling completed in this program comprised 131 samples, collected at 50m intervals along three north-south lines. The individual samples were screened to exclude the +2.8mm oversize and the residual <2.8mm portion was then dried, crushed and pulverised to produce a sample for analysis. All of the soil and rock samples were analysed for eight elements (gold, silver, arsenic, copper, lead, molybdenum, nickel and zinc) by Bureau Veritas in Canning Vale, Perth.

The gold assay results from the new soil samples are shown below in Figure 4 and the full assay results are detailed in Appendix 2, at the rear of this report. The assay results were low with a highest value of 4ppb being returned from line 442500E, in close proximity to an outcropping Proterozoic dolerite dyke within an area interpreted to host meta-basalt and meta-sediment rock types. Samples on the three lines, either 1.8km or 2.8km long, were low, thought to be due to the deep colluvial cover in most of this area.

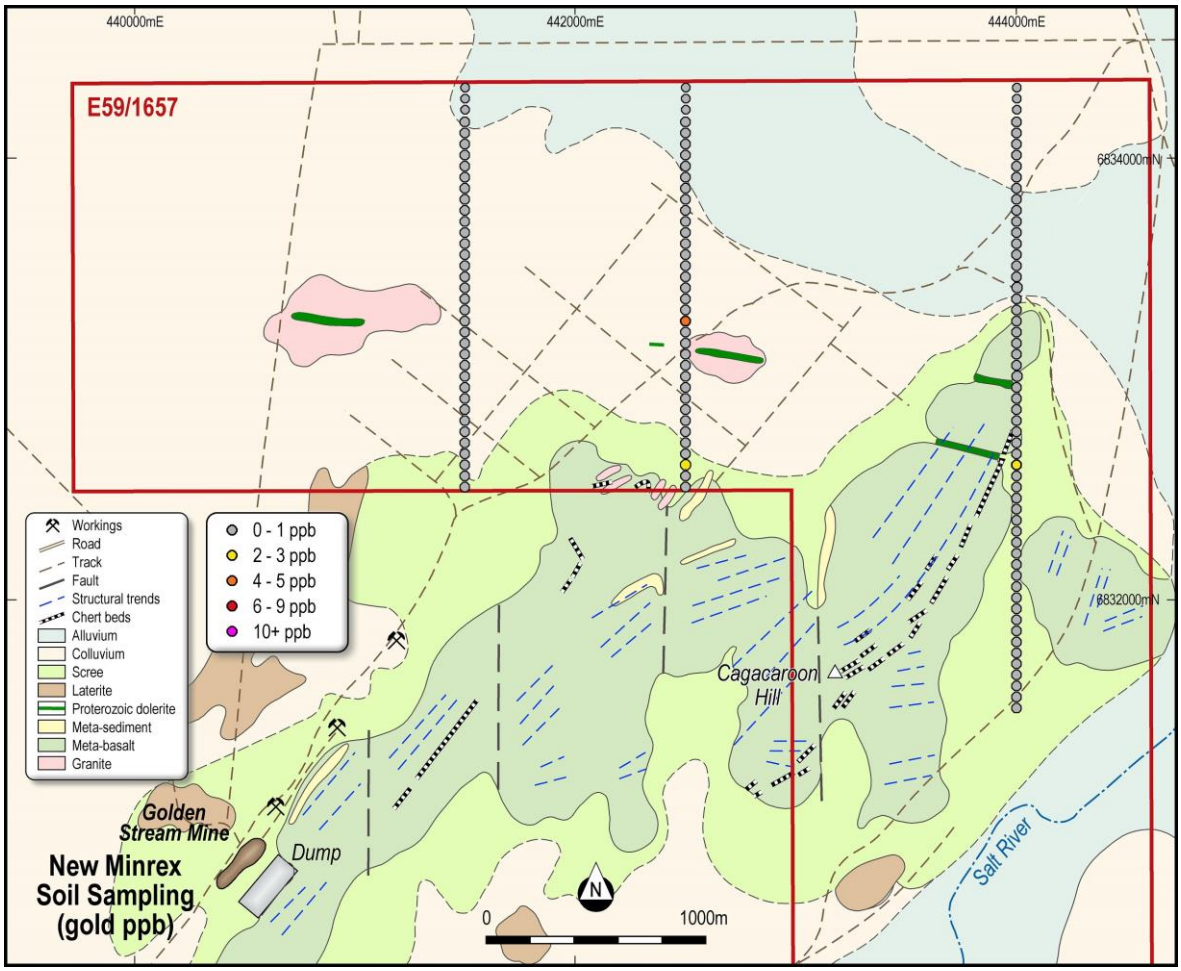

Figure 4: Plan of the geology and March 2020 soil sampling gold results in E59/1657

MinRex has now completed several surface sampling programs at the Deflector Extended Gold Project, collecting a total of 744 surface rock samples, 725 soil samples and 185 auger drill samples

within the tenement area, on a number of lines of close-spaced, surface soil sampling; random surface grab sampling of outcropping rock, scree, float, colluvium, calcrete, ferricrete and sediment, and shallow auger drilling. The gold assay results from all 744 of the rock samples are shown below in Figure 5, while the gold assay results from all 725 of the soil samples are shown below in Figure 6.

The best rock sampling results are from three distinct areas, in the north and east of the exploration licence, where a number of anomalous surface rock assay values (up to 4.89g/t Au) occur. These include outcropping and sub-cropping quartz-goethite veins and scattered quartz vein float, within mafic meta-basalt, meta-shale and on the surface of colluvial clay/sand cover. The prevalence of higher gold values in rock and soil values in areas of mafic colluvium suggests that concealed mineralisation may lie below the blanket of scree surrounding the Cagacaroon Hills meta-basalt outcrop area, especially immediately to the north of the hills, and possibly extending to the north and east under colluvial cover (Figure 5).

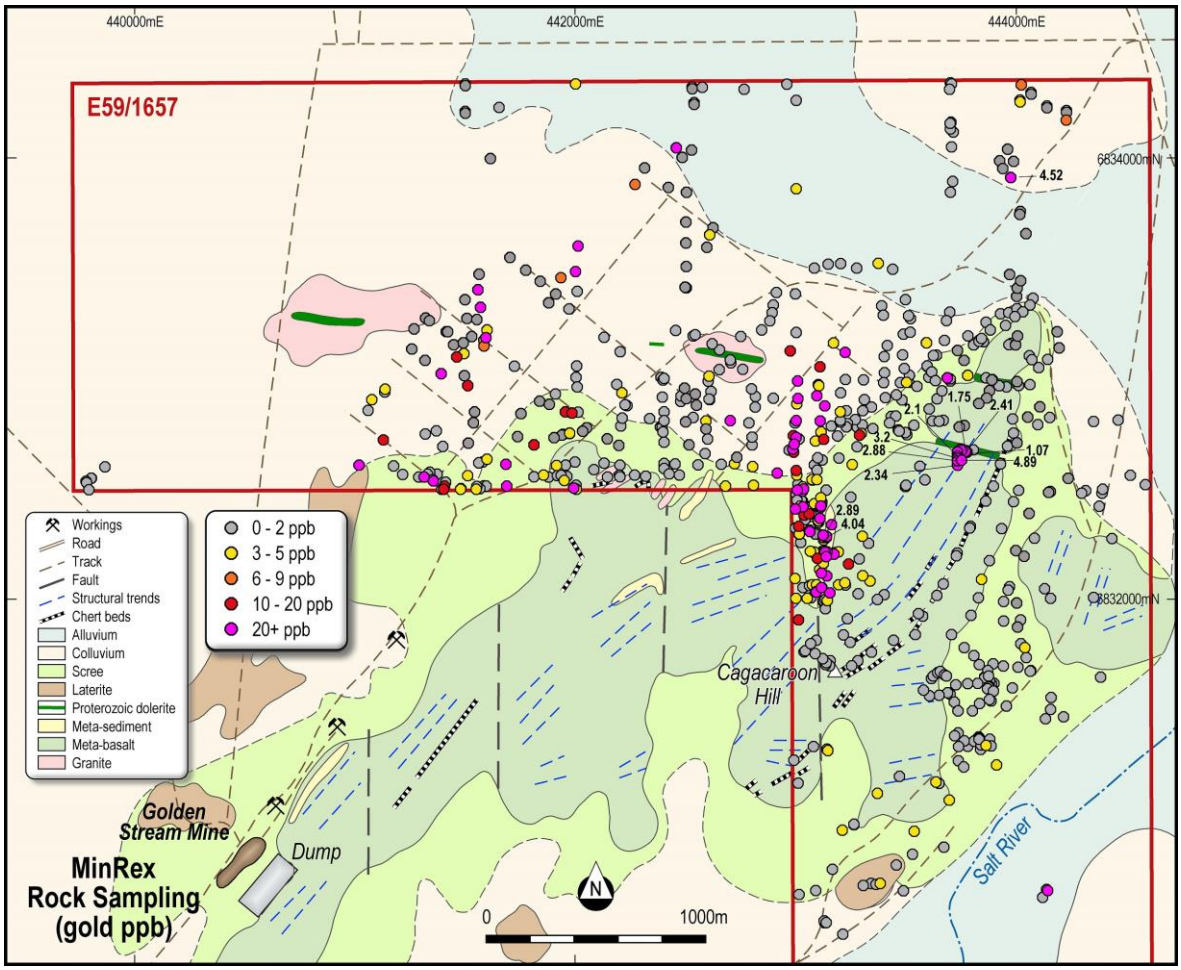

Figure 5: Plan showing the geology and all rock sample gold results, in E59/1657

The results from this latest exploration and sampling program are still being collated and analysed. However, an initial conclusion is that the depth of cover to the north of the Cagacaroon Hills may be obscuring any underlying mineralisation. With this in mind, the next stage of work at the Deflector Extended Gold Project will include the collection of further surface rock and soil samples, along with the commencement of heritage survey activities, with archaeological and ethnographic surveys over proposed drilling areas. The field sampling programs will aim to further pin-point the most anomalous areas for subsequent drilling. This work will concentrate on the already defined anomalous zones, but also include some further reconnaissance work elsewhere in the Deflector Extended Gold Project.

Once all of the requisite surveys and approvals are obtained, it is anticipated that a shallow (10-20m), aircore drilling program of lines of holes about 40m apart will be conducted, within the most anomalous areas, for gold and base metals. It is also thought that a small rig will be able to work in the area, using the existing access lines and tracks, without having to mechanically clear lines. A simple process of hand clearing, or vegetation avoidance, can probably be utilised to enable drill rig access and conduct the drilling as a relatively low disturbance program.

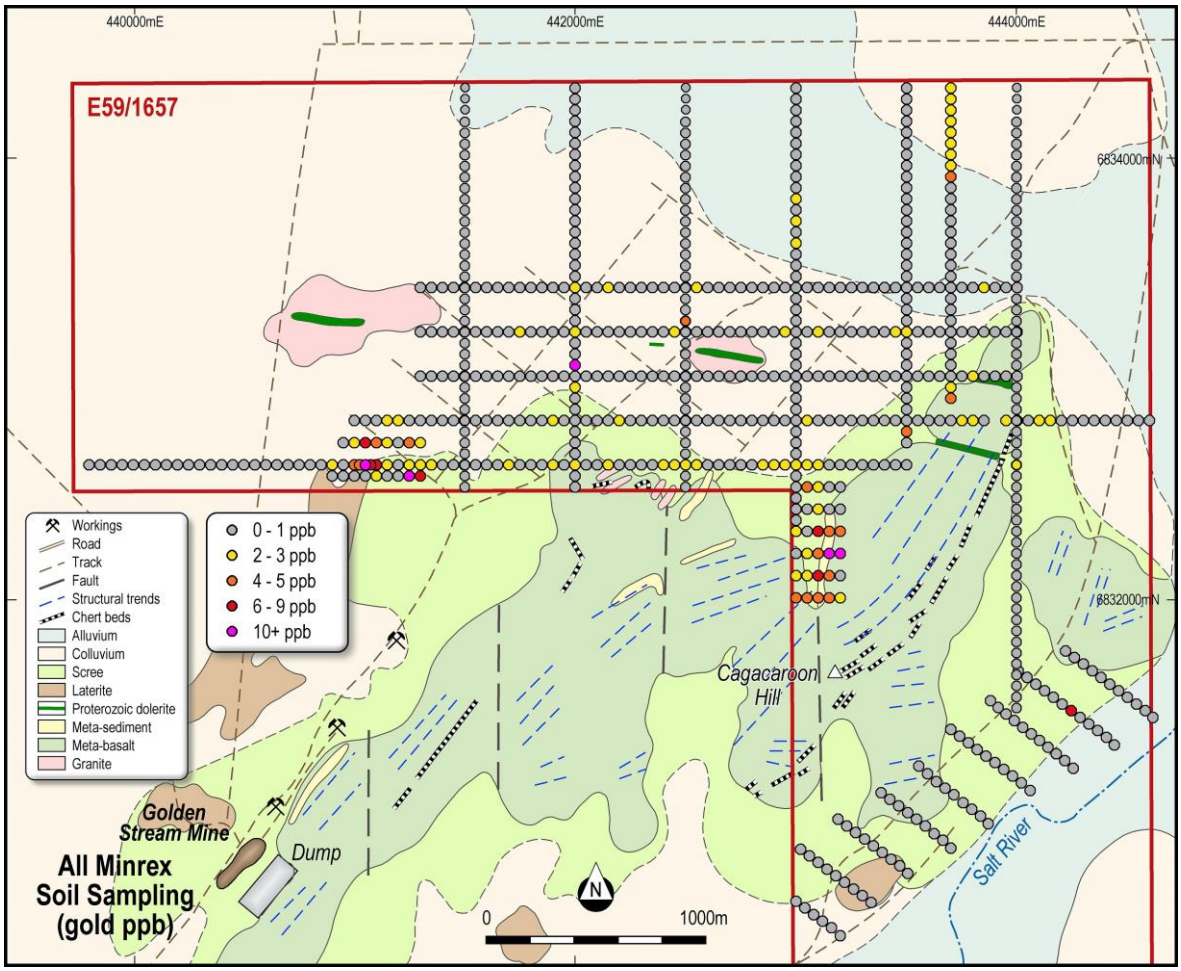

Figure 6: Plan showing the geology and all soil sample gold results, in E59/1657

Further exploration work planned for East Pilbara Gold Project tenements

MinRex is also commencing the next phase in its systematic exploration of its East Pilbara Gold Project areas. The Company's detailed airborne magnetic and radiometric geophysical survey over the East Pilbara Project areas commenced on the 27th April 2020, with the two Bamboo Creek Gold Project exploration licences being flown first, to be followed by the Daltons Gold Project. This detailed geophysical survey will include over 2,500km of flying and be flown at a sensor height of 30m and 50m line spacing. The flying will be completed during May 2020 and target generation and interpretation work, based on the airborne geophysics, will then be completed and used to guide future field exploration sampling and geological mapping programs.

The 2020 exploration program planning also includes further geological mapping along with rock and soil sampling work on all four of MinRex's project areas around Marble Bar. Close-spaced ground geophysical surveys are also being considered at the two smaller Marble Bar licences, which would result in geophysical programs covering all five of MinRex's East Pilbara mineral licences. The rock sampling, soil sampling in colluvium and soil covered areas and detailed

geological mapping will be used to better understand these complex gold, base metal and poly-metallic mineralised systems at the Daltons, Marble Bar and Bamboo Creek Gold Project areas (Figure 7). This work will aim to build on the results received from the previous six exploration programs that MinRex has completed in the East Pilbara area within the past two years.

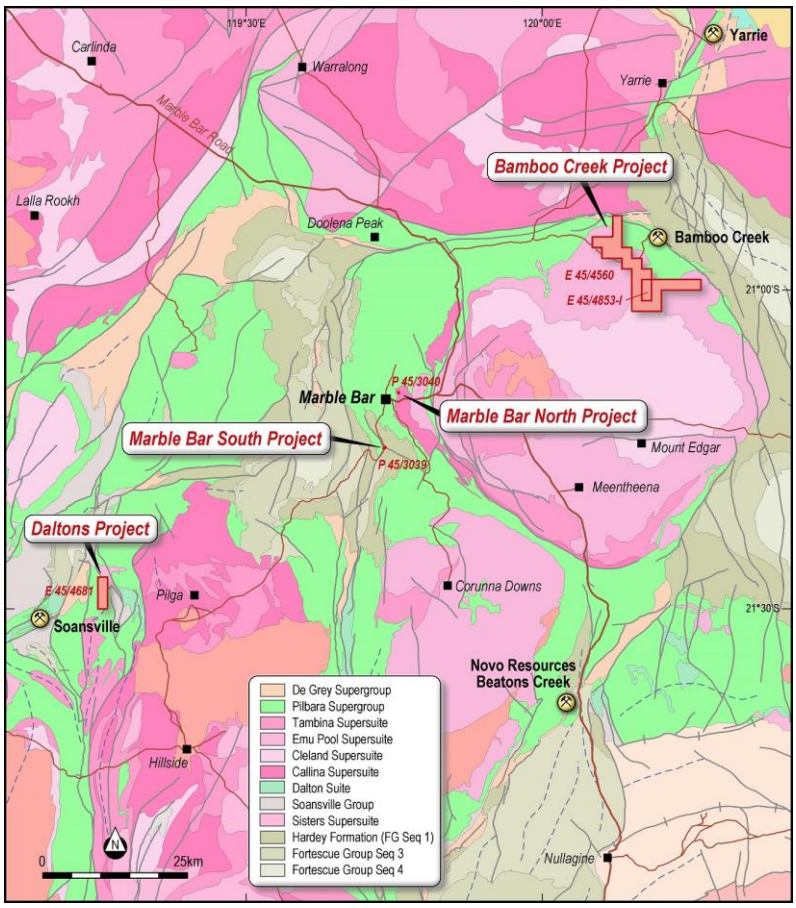

Figure 7: Location of MinRex East Pilbara Project Areas

This ASX announcement has been authorised for release by the Board of MinRex Resources Limited.

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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 – Deflector Extended Gold Project – March 2020 Rock Sample Results

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DEK601	441496	6833005	0	0	0.2	0.4	0	3	2	3
DEK602	441512	6832960	15	0	8.2	0.2	2	8	6	4
DEK603	441542	6832841	1	0	1.6	0.4	1	9	5	6
DEK604	441537	6832792	1	0	4.4	0.6	3	50	47	77
DEK605	441514	6832699	0	0	1.2	0.6	3	4	4	4
DEK606	441594	6833177	55	0	3.6	0.4	3	7	6	4
DEK607	441584	6833139	7	0	9	0.6	6	7	17	19
DEK608	441462	6833090	12	0.1	2.2	7.2	80	12	7	3
DEK609	441391	6833014	57	0	1.8	3.6	12	6	4	2
DEK610	441318	6833074	0	0	0.4	0.4	3	2	1	1
DEK611	441257	6833125	0	0	0.2	0.4	3	1	1	1
DEK612	441268	6833216	0	0	0.2	0.4	2	1	2	1
DEK613	441320	6833265	0	0	0.4	0.6	2	2	2	1
DEK614	441337	6833254	0	0	0.2	2	4	2	2	1
DEK615	441420	6833203	0	0	0.2	0.4	2	1	2	2
DEK616	441447	6833145	0	0	0.2	0.4	2	1	2	1
DEK617	441493	6833105	5	0	0.4	0.4	3	2	1	2
DEK618	441530	6833182	0	0	0.2	0.6	2	3	1	2
DEK619	441584	6833165	3	0.05	10.2	0.8	10	105	118	19
DEK620	441491	6833153	0	0	0.4	0.4	3	23	2	1
DEK621	441508	6833264	0	0	0.4	0.4	9	1	2	3
DEK622	441499	6833349	1	0	1.8	0.2	2	7	5	3
DEK623	441563	6833464	0	0	0.2	0.4	2	2	1	1
DEK624	441557	6833393	30	0	1	0.2	2	1	1	1
DEK625	441569	6833314	37	0	0.6	0.6	2	5	3	3
DEK626	441552	6833259	0	0	1	0.4	7	4	2	4
DEK627	441599	6833211	3	0	9.6	0.4	13	7	8	4
DEK628	441500	6834200	0	0	0.2	0.4	0	1	2	2
DEK629	441500	6834325	0	0	0.2	0.2	2	1	2	1
DEK630	441614	6833987	0	0	0.4	0.6	2	1	2	2
DEK631	441703	6833539	0	0	0.2	0.2	4	1	1	1
DEK632	441774	6833482	0	0	0.4	0.2	1	2	1	1
DEK633	441840	6833432	0	0	1	0.2	2	5	4	6
DEK634	441910	6833374	0	0	3.2	0	13	12	23	12
DEK635	441878	6833335	0	0	2	0.2	2	8	5	3
DEK636	441933	6833448	6	0	2.6	0.2	2	12	3	2
DEK637	442515	6832692	0	0	18.8	0.6	29	16	36	76
DEK638	442499	6832796	0	0	1.4	0.4	2	7	46	16
DEK639	442502	6832901	0	0	0.6	0.6	6	11	6	8
DEK640	442494	6832948	0	0	1.4	7.6	3	5	6	13
DEK641	442542	6832922	0	0	8.6	0.4	6	12	33	98
DEK642	442548	6832871	0	0	12.8	1.2	3	29	47	76

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DEK643	442591	6832764	0	0	13.2	0.4	11	73	18	22
DEK644	442731	6832635	0	0	1.2	23	6	5	6	45
DEK645	442501	6833499	0	0	0.4	0.6	3	2	1	1
DEK646	442500	6833605	0	0	1	0.4	3	5	4	3
DEK647	442500	6833700	0	0	1	0.2	3	1	1	2
DEK648	442501	6833403	0	0	0.2	0.4	2	1	2	1
DEK649	442497	6833405	0	0	4.2	0.8	32	29	5	25
DEK650	442503	6833834	0	0	0.4	0.4	2	1	2	1
DEK651	442484	6833992	0	0	0.4	0	3	1	1	1
DEK652	442526	6834026	0	0	1.2	0.4	1	2	3	9
DEK653	442529	6834311	1	0	3.4	0.6	2	12	38	6
DEK654	442537	6834240	0	0	1.2	0.2	0	18	13	1
DEK655	442457	6834036	93	0	0.4	0.2	2	2	8	2
DEK656	442313	6833945	0	0	0.4	0	1	1	7	1
DEK657	442270	6833871	7	0	0.4	0.2	2	2	8	1
DEK658	442421	6833856	1	0	0.2	0	4	1	6	2
DEK659	442624	6833674	0	0	0.4	0.6	10	4	5	3
DEK660	442595	6833586	0	0	1	0	3	2	5	2
DEK661	442608	6833642	3	0	1	1.2	6	2	6	5
DEK662	444003	6831867	0	0	2	1.2	7	23	23	11
DEK663	444000	6831976	0	0	1	2.2	2	19	12	9
DEK664	443996	6832213	0	0	0.4	0.4	2	7	8	1
DEK665	444033	6832188	0	0.05	0.4	1	15	8	8	5
DEK666	443591	6833154	3	0	6.6	2.6	19	520	104	119
DEK667	444233	6832540	0	0	0.4	15.4	2	4	4	3
DEK668	444152	6832480	0	0	38.8	8.4	97	178	14	6
DEK669	444144	6832476	0	0.55	7.4	11.2	36	37	5	4
DEK670	444056	6832381	0	0	3.2	1.4	38	39	85	37
DEK671	444001	6832701	0	0	0.2	0.4	1	5	3	1
DEK672	444050	6832817	0	0	0.2	0	1	4	7	3
DEK673	444105	6832864	1	0	0.4	3	1	6	8	2
DEK674	444001	6832978	1	0	0.4	0.2	2	3	6	4
DEK675	443995	6833144	0	0	0.6	1.2	2	4	4	3
DEK676	444004	6833184	0	0	0.4	0.6	2	21	14	5
DEK677	444000	6833364	0	0	0	0	0	2	3	1
DEK678	444002	6833401	0	0	1.6	0	0	6	1	3
DEK679	444183	6833204	0	0	0.4	0.4	3	4	5	2
DEK680	444192	6833130	0	0	0	0	0	2	2	0
DEK681	444016	6833747	0	0	0	0.2	1	0	3	1
DEK682	444014	6833734	0	0	0	0.4	1	2	2	0
DEK683	443967	6833463	0	0	0	0	1	0	1	0
DEK684	444018	6833434	0	0	0	0	0	2	2	0
DEK685	444042	6833647	0	0	0	0.2	0	3	1	0
DEK686	443985	6833974	0	0	0.2	0	0	3	1	0

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DEK687	443959	6834029	0	0	0	1.2	1	1	1	0
DEK688	443922	6833977	0	0	0.2	0.2	0	2	2	1
DEK689	443937	6833942	0	0	0.2	0	1	3	1	1
DEK690	443972	6833901	4520	0	1.2	0.4	5	8	3	1
DEK691	444224	6834162	8	0	0.4	0	0	0	1	1
DEK692	444015	6834252	3	0	0.2	0	1	0	1	1
DEK693	444020	6834328	9	0	0.4	0	2	2	1	2
DEK694	444065	6834286	1	0	0.4	0.2	1	1	2	2
DEK695	444137	6834224	0	0	0	0	0	0	2	0
DEK696	444225	6834204	0	0	0.2	0	2	1	1	1
DEK697	442050	6832769	0	0	0.6	0.2	0	6	2	2
DEK698	442032	6832753	0	0	0.6	0	2	4	1	3
DEK699	441944	6832739	0	0.05	0.6	0.2	1	20	5	3
DEK700	441973	6832743	2	0	3.6	0.2	2	8	29	24
DEK701	441973	6832745	3	0	8.8	0.8	25	274	240	170
DEK702	441937	6832735	1	0	2.6	0.2	1	8	13	20
DEK703	441902	6832724	2	0.1	15.6	2.2	67	476	245	12
DEK704	441811	6832692	17	0.1	5.8	0.6	12	55	15	47
DEK705	441737	6832729	0	0	7.8	0.2	3	24	9	10
DEK706	441753	6832833	0	0.05	8.2	1	11	50	56	53
DEK707	441837	6832890	0	0	8	0.2	20	12	8	16
DEK708	441881	6832875	2	0.25	25.6	1.2	160	292	545	588
DEK709	441954	6832841	11	4.7	13.8	0.4	61	2040	528	116
DEK710	441983	6832835	11	0.2	24.8	1.4	25	559	298	58
DEK711	442144	6832719	0	0	0.6	0.2	2	7	7	5
DEK712	442196	6832689	0	0	0.6	0.2	1	17	7	3
DEK713	443132	6832275	5	0	2	0.4	5	15	5	5
DEK714	443134	6832275	84	0.1	15.2	4	4	316	99	16
DEK715	443137	6832273	4040	0.65	14	2.4	10	908	231	26
DEK716	443129	6832274	8	0	6.4	1.4	80	47	10	137
DEK717	443122	6832273	6	0	1.4	1.2	112	15	4	10
DEK718	443124	6832275	4	0	4	1.4	79	19	5	149
DEK719	443138	6832277	23	0.15	29	15.2	183	734	65	89
DEK720	443134	6832276	7	0	6.2	1.6	13	93	17	18
DEK721	443122	6832283	21	0	3.6	0.8	3	74	13	6
DEK722	443090	6832294	1	0	2.8	0.4	3	59	40	5
DEK723	443086	6832288	2	0	2	0.4	1	10	3	1
DEK724	443062	6832300	52	0	6.2	0.4	1	124	36	5
DEK725	443732	6833119	0	0	0.4	0.4	1	4	6	2
DEK726	443761	6833074	0	0	0	0.4	1	6	5	3
DEK727	443778	6833006	3	0	0.2	0.4	6	5	5	4
DEK728	443887	6832985	0	0	0.4	0.4	1	2	6	3
DEK729	443877	6832937	0	0	0.2	0.4	1	4	6	3
DEK730	443863	6832903	0	0	0.4	0.2	6	5	5	6

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DEK731	443828	6832879	0	0	0.4	0.4	4	5	5	3
DEK732	443762	6832779	2	0	0	0.2	4	5	4	3
DEK733	443739	6832773	0	0	0.4	0.4	3	15	6	7
DEK734	443771	6832661	2410	19.9	21.6	461	6260	671	35	185
DEK735	443768	6832662	1750	10.1	11.2	90	17500	364	8	9
DEK736	443751	6832667	526	23.8	15.4	42.4	1270	628	38	273
DEK737	443746	6832673	50	18	6.2	46.8	2090	485	11	15
DEK738	443731	6832660	35	9.55	2.8	102	1880	194	5	4
DEK739	443731	6832641	2100	15.8	12.4	20.6	4050	2020	45	54
DEK740	443731	6832631	3200	13.8	14.8	52.8	4910	392	8	18
DEK741	443731	6832599	2340	5.1	2.8	48.6	1060	270	18	47
DEK742	443731	6832620	2880	23	30.6	38.8	9200	2190	100	384
DEK743	443749	6832622	4890	4.2	30.4	115	4800	1790	42	138
DEK744	443685	6832995	112	3.3	1.6	3.6	286	220	8	26

Appendix 2 – Deflector Extended Gold Project – March 2020 Soil Sample Results

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DES595	441500	6832500	1	0	28.2	1.6	14	35	42	32
DES596	441500	6832550	1	0	42.2	2	13	48	38	33
DES597	441500	6832600	0	0	23.8	1	15	43	37	24
DES598	441500	6832650	0	0	22	1.2	13	38	38	24
DES599	441500	6832700	0	0	26.6	1.4	15	39	37	23
DES600	441500	6832750	0	0	14.6	1.2	14	33	24	19
DES601	441500	6832800	0	0	13.8	1.2	16	29	25	20
DES602	441500	6832850	1	0	12.2	1.4	16	23	18	15
DES603	441500	6832900	0	0	10	1.4	15	19	14	13
DES604	441500	6832950	0	0	13.4	2.4	20	25	21	21
DES605	441500	6833000	0	0	7.6	2	19	15	12	11
DES606	441500	6833050	0	0	8.4	2	16	16	10	12
DES607	441500	6833100	0	0	7	1.6	20	12	10	9
DES608	441500	6833150	0	0	5.8	1.2	17	17	13	18
DES609	441500	6833200	0	0	5.8	1.6	16	15	11	15
DES610	441500	6833250	0	0	5.8	2	18	15	11	15
DES611	441500	6833300	0	0	4	1.6	16	17	12	19
DES612	441500	6833350	0	0	3.2	1	13	14	11	15
DES613	441500	6833400	0	0	3	1.2	9	11	9	12
DES614	441500	6833450	0	0	2.4	0.8	7	12	9	12
DES615	441500	6833500	0	0	2.8	0.8	8	11	9	10
DES616	441500	6833550	0	0	2.4	0.8	6	8	7	8
DES617	441500	6833600	0	0	2.4	0.8	6	8	6	9
DES618	441500	6833650	0	0	2.2	0.8	5	7	6	8
DES619	441500	6833700	0	0	2.4	1	5	8	8	9
DES620	441500	6833750	0	0	2.4	1	6	10	8	12
DES621	441500	6833800	0	0	2.4	0.8	6	7	6	7
DES622	441500	6833850	0	0	2.4	1	5	7	6	7
DES623	441500	6833900	0	0	2.2	0.8	5	7	5	9
DES624	441500	6833950	0	0.05	2.2	0.8	7	6	6	7
DES625	441500	6834000	0	0	2	1.2	6	7	6	9
DES626	441500	6834050	0	0	1.8	1.4	6	8	7	9
DES627	441500	6834100	0	0	1.8	1.2	7	9	9	14
DES628	441500	6834150	0	0	2.4	2.6	16	14	14	24
DES629	441500	6834200	0	0	2.4	1.4	13	12	14	22
DES630	441500	6834250	0	0	2.4	1	15	13	13	21
DES631	441500	6834300	0	0	2.2	0.6	13	13	13	22
DES632	442500	6832500	1	0	2.2	0.8	10	37	20	26
DES633	442500	6832550	0	0	3.6	1	10	38	25	36
DES634	442500	6832600	2	0	7.6	0.8	12	53	42	63
DES635	442500	6832650	0	0	5.8	0.6	11	39	30	52
DES636	442500	6832700	0	0	7	0.8	11	41	35	62

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DES637	442500	6832750	1	0	6.2	0.8	12	40	30	55
DES638	442500	6832800	0	0	7	0.8	13	40	32	61
DES639	442500	6832850	0	0	6.4	1	13	37	27	56
DES640	442500	6832900	0	0	5.8	1	12	31	24	48
DES641	442500	6832950	0	0	7.4	1.2	13	29	23	50
DES642	442500	6833000	0	0	6	1	13	31	25	43
DES643	442500	6833050	0	0	6.4	1	14	33	24	48
DES644	442500	6833100	0	0	8.8	1.6	15	32	22	47
DES645	442500	6833150	0	0	6.2	1.2	13	29	18	42
DES646	442500	6833200	1	0	7	1.4	19	35	22	39
DES647	442500	6833250	4	0	5.8	1.2	13	25	14	26
DES648	442500	6833300	0	0	7.2	1.4	15	24	17	29
DES649	442500	6833350	0	0	7.4	1.4	16	26	16	31
DES650	442500	6833400	0	0	7.6	1.4	15	25	16	30
DES651	442500	6833450	0	0	10.2	1.6	15	22	15	24
DES652	442500	6833500	0	0	9.2	1.4	17	25	16	28
DES653	442500	6833550	0	0	7.6	1.4	17	22	16	27
DES654	442500	6833600	0	0	8	1.4	18	27	16	26
DES655	442500	6833650	0	0	6.8	1.6	18	26	17	35
DES656	442500	6833700	0	0	7.6	2.4	18	32	22	35
DES657	442500	6833750	0	0	6.2	2.4	15	22	18	24
DES658	442500	6833800	0	0	6.8	2.8	18	26	23	31
DES659	442500	6833850	0	0	5.6	2.2	18	29	29	39
DES660	442500	6833900	0	0	5.4	2.2	19	25	26	34
DES661	442500	6833950	0	0	5.2	2.8	16	23	20	34
DES662	442500	6834000	0	0	4.8	3	13	20	18	28
DES663	442500	6834050	0	0	3.6	2.6	10	14	14	22
DES664	442500	6834100	0	0	2.8	1.6	8	9	9	13
DES665	442500	6834150	0	0	3.2	2	8	12	12	17
DES666	442500	6834200	0	0	3.4	2	14	13	12	19
DES667	442500	6834250	0	0	3.4	2.4	16	16	17	21
DES668	442500	6834300	0	0	3	1.6	18	16	15	26
DES669	444000	6831500	0	0	3.2	0.8	8	22	25	17
DES670	444000	6831550	0	0	2.8	0.8	7	18	24	18
DES671	444000	6831600	0	0	3	0.8	8	23	28	21
DES672	444000	6831650	0	0	3	0.8	7	23	29	19
DES673	444000	6831700	0	0	3.2	0.8	7	25	32	23
DES674	444000	6831750	0	0	3.6	0.8	10	20	26	17
DES675	444000	6831800	0	0	3.4	0.8	9	19	22	17
DES676	444000	6831850	0	0	3.8	1.2	11	25	30	21
DES677	444000	6831900	1	0	3.6	1	10	25	36	21
DES678	444000	6831950	0	0	3.2	1	9	24	31	17
DES679	444000	6832000	1	0	3.4	1	10	26	30	21
DES680	444000	6832050	0	0	3.2	1.2	11	26	29	23

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DES681	444000	6832100	0	0	3.2	1.4	10	25	26	18
DES682	444000	6832150	0	0	3.6	1.6	11	33	45	24
DES683	444000	6832200	0	0	3.6	1.8	14	34	36	22
DES684	444000	6832250	0	0	3.4	1.6	18	35	43	19
DES685	444000	6832300	0	0	3.4	1.8	13	33	41	26
DES686	444000	6832350	0	0	3.6	1.8	11	30	29	17
DES687	444000	6832400	0	0	3.8	1.8	12	30	33	16
DES688	444000	6832450	0	0	3	1.8	11	23	26	20
DES689	444000	6832500	0	0	3	1.2	11	24	42	16
DES690	444000	6832550	0	0	3	1.2	11	30	52	20
DES691	444000	6832600	2	0	3	1.2	10	26	37	15
DES692	444000	6832650	0	0	2.8	0.8	11	23	34	19
DES693	444000	6832700	0	0	2.8	1	8	25	29	19
DES694	444000	6832750	0	0	2.8	1	11	24	37	16
DES695	444000	6832800	0	0	2.4	0.8	8	22	34	16
DES696	444000	6832850	0	0	2.8	0.8	8	31	57	16
DES697	444000	6832900	0	0	3	0.8	8	30	56	19
DES698	444000	6832950	0	0	3	0.8	11	35	58	20
DES699	444000	6833000	0	0	2.4	0.8	11	30	42	18
DES700	444000	6833050	0	0	2.8	1	11	24	43	19
DES701	444000	6833100	0	0	3	0.8	9	36	66	20
DES702	444000	6833150	0	0	1.8	0.6	7	25	114	28
DES703	444000	6833200	0	0	2.8	1	11	34	49	26
DES704	444000	6833250	0	0	2.4	0.6	13	27	51	17
DES705	444000	6833300	0	0	2.8	0.8	8	19	35	18
DES706	444000	6833350	0	0	2.4	0.8	11	24	29	32
DES707	444000	6833400	0	0	3.2	0.6	9	16	21	26
DES708	444000	6833450	0	0	3.4	0.6	11	18	21	32
DES709	444000	6833500	0	0	3	0.6	10	19	19	33
DES710	444000	6833550	0	0	3	0.8	12	19	19	31
DES711	444000	6833600	0	0	3	0.8	14	18	19	33
DES712	444000	6833650	0	0	2.4	0.8	14	19	17	32
DES713	444000	6833700	0	0	2.4	0.6	12	12	12	19
DES714	444000	6833750	0	0	2.2	0.6	12	13	13	21
DES715	444000	6833800	0	0	2.4	0.8	15	18	18	32
DES716	444000	6833850	0	0	2.4	0.8	15	18	17	31
DES717	444000	6833900	0	0	2.8	0.8	15	16	14	24
DES718	444000	6833950	0	0	3.4	1.4	14	15	14	19
DES719	444000	6834000	0	0	3.2	1.2	13	13	11	15
DES720	444000	6834050	0	0	2.8	1.2	11	10	10	15
DES721	444000	6834100	0	0	3.2	1.4	12	14	12	15
DES722	444000	6834150	0	0	3.4	1.2	13	16	15	20
DES723	444000	6834200	0	0	3.4	1.4	13	15	13	19
DES724	444000	6834250	0	0	3.6	2	16	15	15	19

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DES725	444000	6834300	0	0	3.4	1.4	14	14	13	18

JORC Code, 2012 Edition (Table 1) – Deflector Extended Gold Project - Sampling

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *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.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *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.*	• MinRex Resources Limited ('MinRex') has collected random surface rock samples from selected outcrops, float, scree, calcrete, ferricrete and colluvium at the Deflector Extended Gold Project. • MinRex has also collected shallow soil samples, along lines, in selected areas at the Deflector Extended Gold Project. • All of the work completed to date is considered to be qualitative and exploratory rather than quantitative and representative. The Deflector Extended Gold Project remains in an early exploration phase and no mineralisation considered as being potentially economic has yet been outlined. • 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.
Drilling techniques	• *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).*	• In 2012, MinRex completed 147 shallow, vertical auger holes, to an average depth of 1.7m, and collected bottom of drill-hole samples on a 400x200m grid pattern, at the Deflector Extended Gold Project.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Auger drill holes are considered to be qualitative and exploratory rather than quantitative and representative. Recovery data was not recorded.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource*	• The auger holes were logged for hole depth, soil type, relative dilute HCl acid reaction, colour, depth of sandy, gravel, saprolite and

Criteria	JORC Code explanation	Commentary
	estimation, mining studies and metallurgical studies. • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	calcrete layers. The results are considered to be qualitative and exploratory rather than quantitative and representative. • All surface samples are logged for rock, soil or colluvium type.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• The 2012 auger holes were bottom of hole sampled from the collar spoil pile and these samples are considered to be qualitative and exploratory rather than quantitative and representative. • Surface samples are of approximately 0.5-1kg weight and were collected into calico or plastic sample bags for transport to the chemical laboratory. • Soil samples were screened, in the assay laboratory, to extract the minus 2.8mm fraction for analysis. • No field duplicates were taken due to the early exploration phase of the current work.
Quality of assay data and laboratory tests	• *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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• Samples from the auger holes and all surface sampling were submitted to Bureau Veritas (Ultra Trace Laboratories) in Perth for appropriate industry standard analysis for various metallic elements. • The samples have been sorted and dried, crushed and then pulverized in a vibrating disc pulveriser. • The samples were digested with Aqua Regia and analysed by ICP; copper, nickel and zinc by ICP-OES, and gold, arsenic, silver, molybdenum and lead by ICP-MS. • Bureau Veritas run appropriate assay standards, blanks, duplicates and other internal checks on the analytical samples. • 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.
Verification of sampling and assaying	• *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,*	• 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.

Criteria	JORC Code explanation	Commentary
	data storage (physical and electronic) protocols. • *Discuss any adjustment to assay data.*	• All samples are collected by appropriately trained personnel and prepared in accordance with specified procedures. • No adjustment has been made to any assay data.
Location of data points	• *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.*	• All data points (auger drilling, 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 in the Project area. • The grid system used at Deflector Extended is MGA_GDA94 Zone 50
Data spacing and distribution	• *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.*	• Data spacing for the rock, float, colluvium and other surface samples is random and not for use in definitive data purposes. • Soil samples have been collected at a nominal spacing of 50m on sample lines. • No sample compositing has been applied.
Orientation of data in relation to geological structure	• *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.*	• 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. • The orientation of the colluvium-covered geological structure and layering remains unclear. Soil sampling lines are generally east-west or north-south across the conceptually NNE-trending structures.
Sample security	• *The measures taken to ensure sample security.*	• 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.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews have been undertaken as the work to date is considered to be qualitative and exploratory and not for use in

Criteria	JORC Code explanation	Commentary
		definitive data purposes.

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	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• The Deflector Extended Gold Project lies in one granted exploration licence - E59/1657 (of approximately 15km^2) which is held 100% by MinRex Resources Limited. The Project is located approximately 370km NNE of Perth and approximately 50km SW of Yalgoo, within Western Australia. The Project lies within the Archean Gullewa Greenstone Belt and in the Murchison Goldfield of WA. • The lease lies within the Yilgarn Shire and on the former pastoral lease of Barnong. • E59/1657 is covered by three overlapping Native Title Claims, being the Amangu People, the Widji Mob and the Mullewa Wadjari People. • E59/1657 is current until 11/7/2021.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• A large amount of exploration was completed within the Deflector Extended Project area (and greater Gullewa Mining Centre area) by various exploration companies in the past, including Golden Plateau, Sons of Gwalia, National Resources, Gullewa Gold, Acacia Resources, King Solomon Mines, Menzies Gold, Batavia Mining and others, in the period from 1980 through to 2010. This work included regional soil sampling programs, rock chip sampling, geological mapping, and air-core and RAB drilling. MinRex has obtained this data from the WAMEX website of the GSWA and the methods and procedures utilised in this historic work are not generally detailed in the old data obtained. • Old work within the Deflector Extended Gold Project area is encouraging, especially the early geochemistry and drilling that shows some clearly anomalous gold values within

Criteria	JORC Code explanation	Commentary
		the Project area. This old data is used as a guide to where to apply new exploration and is not itself regarded as material.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Deflector Extended Gold Project area hosts Archean greenstones, predominantly meta-basalt and high-Mg meta-basalt, with some meta-sediment, granite, granitic and aplitic dykes and a buried granite dome. One or two Proterozoic gabbro dykes are also present. Gold mineralisation and gold-copper mineralisation in the Gullewa Mining Centre is hosted by shear zones and quartz veins, within Archean greenstones; as at the nearby Golden Stream and Deflector open pit and underground mines. There are large areas of transported scree, colluvium and alluvium within the Project area, which effectively conceal any mineralisation present and MinRex is seeking gold and copper-gold deposits under this cover within the Project area.
Drill hole Information	• *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:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• MinRex has only completed shallow auger drilling at the Deflector Extended Gold Project and this work did not generate any significant anomalous results and hence is not considered to be material. • MinRex is aware of the results of previous drilling programs in the Deflector Extended Gold Project area and has obtained this data from the WAMEX website of the GSWA. This old data is used as a guide to where to apply new exploration and is not regarded as material.
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.* • *Where aggregate intercepts*	• Auger, rock chip and soil sample assay values are reported as point values. • Actual metal assay values are reported with no modification.

Criteria	JORC Code explanation	Commentary
	incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	
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 as point values are being reported - not drilling results.
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 drill hole collar locations and appropriate sectional views.*	• Plan view maps are utilised showing the location of significant rock chip, scree, 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.
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.*	• All sample assay results are included in tables of results in the text. However, maps may show only the highest values for the sake of easy visualisation of the most anomalous areas.
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.*	• There are no other results to report that are considered material. • All of the work completed to date is considered to be qualitative and exploratory rather than quantitative and representative. The Deflector Extended Gold Project remains at an early exploration phase and no mineralisation considered to be significant has yet been outlined by this work.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological*	• Further rock chip, scree, float, colluvium, calcrete and soil sampling is planned for the future. • A shallow aircore drilling program is under consideration for the future, to better

Criteria	JORC Code explanation	Commentary
	interpretations and future drilling areas, provided this information is not commercially sensitive.	determine the orientation of any mineralisation present.