ASX Announcement

14 July 2017

DEFLECTOR EXTENDED AND HEEMSKIRK EXPLORATION UPDATE

- **Three surface rock samples returned assay results exceeding 0.1g/t Au, from a discrete, scree-covered area of the Deflector Extended Gold Project.**
- **The Deflector Extended Gold Project assays were from the extensive field program, comprising 160 surface rock samples and 14 soil samples, conducted in May and June 2017. The full assay results for this program are reported herein.**
- **Analyses of up to 4.6% tin at old workings and 32.5% tin in stream sediment concentrate were returned from sampling at the Heemskirk Tin Project.**
- **The assay results are reported herein for the 58 rock samples, 68 soil samples and 7 stream sediment concentrate samples collected at the Heemskirk Tin Project in February 2017.**

MinRex Resources Limited (ASX: MRR) ("MinRex" or "the Company") is pleased to provide the following update regarding the latest exploration programs at its two Project areas - the Deflector Extended Gold Project at Gullewa in Western Australia and the Heemskirk Tin Project in Tasmania.

Deflector Extended Gold Project

MinRex's Deflector Extended Gold Project (E59/1657) lies to the northeast of the Doray Minerals Limited (Doray) Deflector Mine, where copper-gold mineralisation occurs in shear zones in meta-basalt, and also the Golden Stream open-cut, where gold was produced from shear zone-hosted quartz veins in meta-basalt.

MinRex has been actively exploring the Project area since 2011, utilising surface sampling and geological mapping to hone into buried mineralized structures and favourable settings for mineralization. The area of E59/1657 consists of about 15% outcrop of mafic meta-basalts in the Cagacaroon Hills area, and about 85% cover sediments, plus one or two small areas of granite and laterite.

Several surface sampling programs have now been completed within the tenement area, utilizing surface grab samples of outcropping rock, scree, float, colluvium, calcrete, ferricrete and sediment. A number of lines of close-spaced, surface soil sampling have also been completed, with samples generally at 50m spacing.

During May and June 2017, an extensive field program at MinRex's Deflector Extended Gold Project collected 160 surface rock samples and 14 soil samples. The results from the 160 newly collected rock and float samples are shown below on Figure 1 and in detail in Appendix 1, at the rear of this report; three of these samples returned assay results exceeding 0.1ppm Au. The 14 soil samples were collected on a traverse into Salt River, near the north-eastern boundary of the lease, with the assay results from these being presented below in Appendix 2.

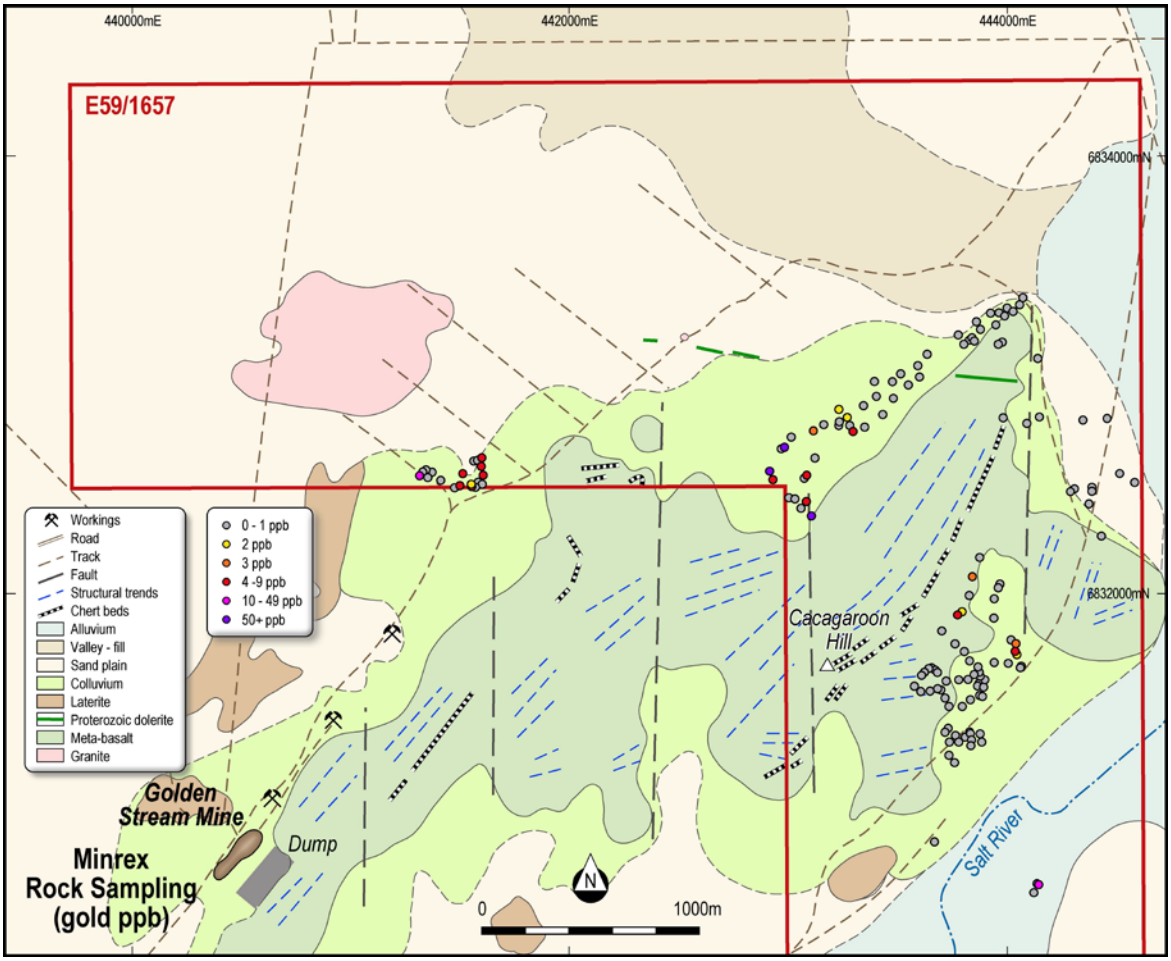

Figure 1: Plan showing the geology and recent (May-June 2017) rock sample results, in E59/1657

MinRex has now collected a total of 350 surface rock, scree and float samples in the Deflector Extended Gold Project area, along with soil samples and auger drill results, which have defined three anomalous zones suitable 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, the results from which support the definition of these anomalous zones.

In particular, a number of anomalous assay values (up to 0.25ppm Au) cluster in a distinct scree-covered area, adjacent to mafic meta-basalt and an interpreted fault zone, near the central corner of the lease (Area 2) (Figure 2).

The other two anomalous zones are to the north of the Golden Stream mine (Area 1) and along Salt River north of the hidden Gearless Well intrusion (Area 3); which may lie along strike from the Deflector Mine. 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.

The collection of further rock and soil samples during 2017 is planned to further pinpoint the most anomalous areas for subsequent drilling. This work will concentrate on the three defined anomalous zones, but also include some further reconnaissance work elsewhere in the Deflector Extended Gold Project.

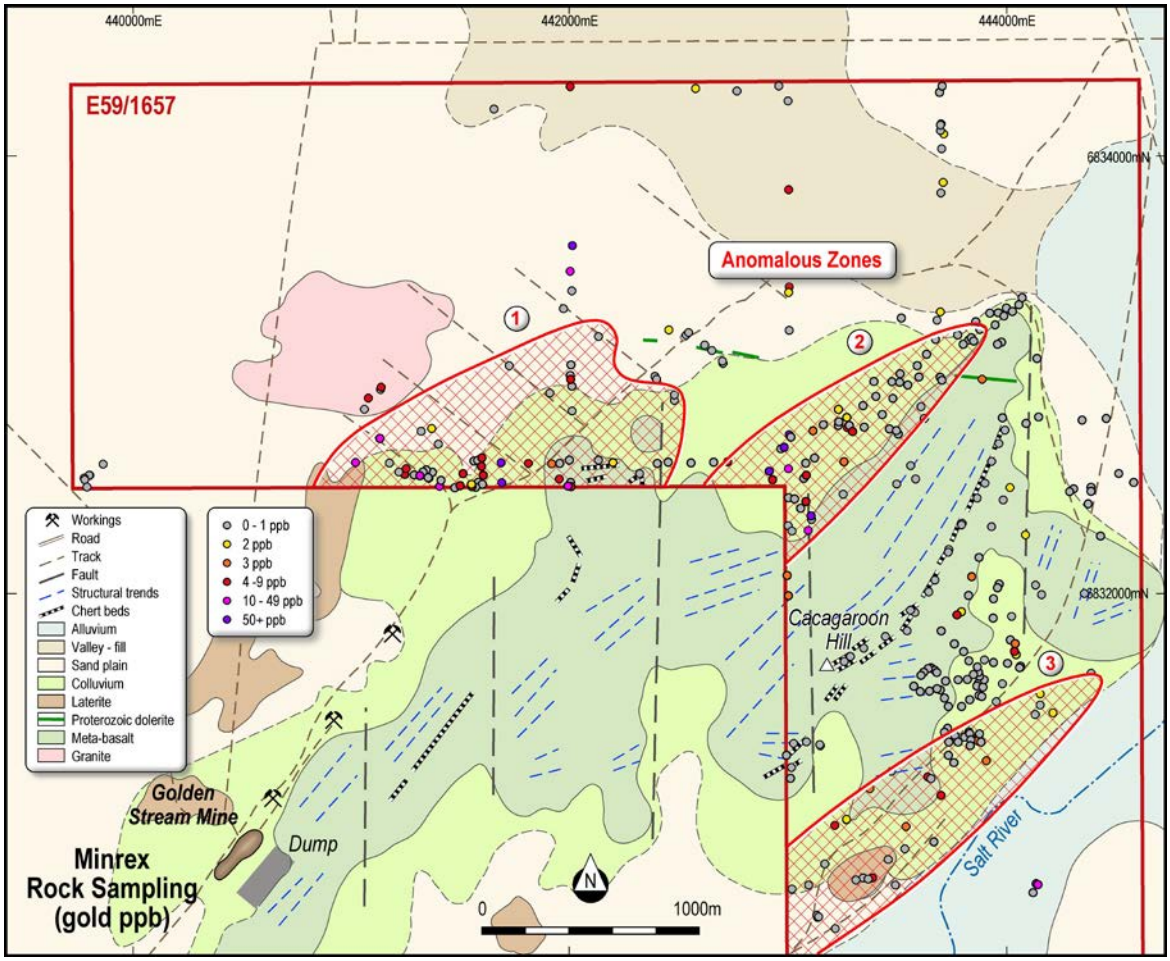

Figure 2: Plan showing the geology and all rock sample results to date; and anomalous zones

Heemskirk Tin Project

The Heemskirk Tin Project lies in exploration licence EL18/2011, on the west coast of Tasmania. A one year extension to this licence was granted on the 24th May 2017, extending the term to the 2nd April 2018. MinRex has now held its Heemskirk Tin Project since 2012 and has been successful in identifying a number of the old tin workings, dating from the 1870's-1880's, and has collected a total of 129 stream sediment concentrate samples, 99 rock chip samples and 78 soil samples, for a total of 306 samples.

The latest field program was completed in February 2017, to collect rock samples from three of the old workings, along with soil samples from the slopes of the previously defined anomalous stream valleys, to the east of the Peripatetic and north of the Carn Brea Mines; and collect a few new stream sediment concentrate samples, where further infill was required. This more diverse exploration program collected a total of 58 rock samples, 68 soil samples and 7 stream sediment concentrate samples, for 133 samples; the results from which are presented herein.

The 58 rock samples were predominantly collected at the old Peripatetic, Carn Brea and Fisher & Smith mine workings, with the best results from these being three values above 1% tin, with a highest value of 4.6% tin at the old Peripatetic workings. The results from the 68 soil samples were generally low, with no significant results being returned (highest value of 0.02% tin). The results from the 58 rock samples and 68 soil samples are plotted below on Figure 3. The full rock sample assay results are tabulated below in Appendix 3, while the full soil sample assay results are tabulated below in Appendix 4.

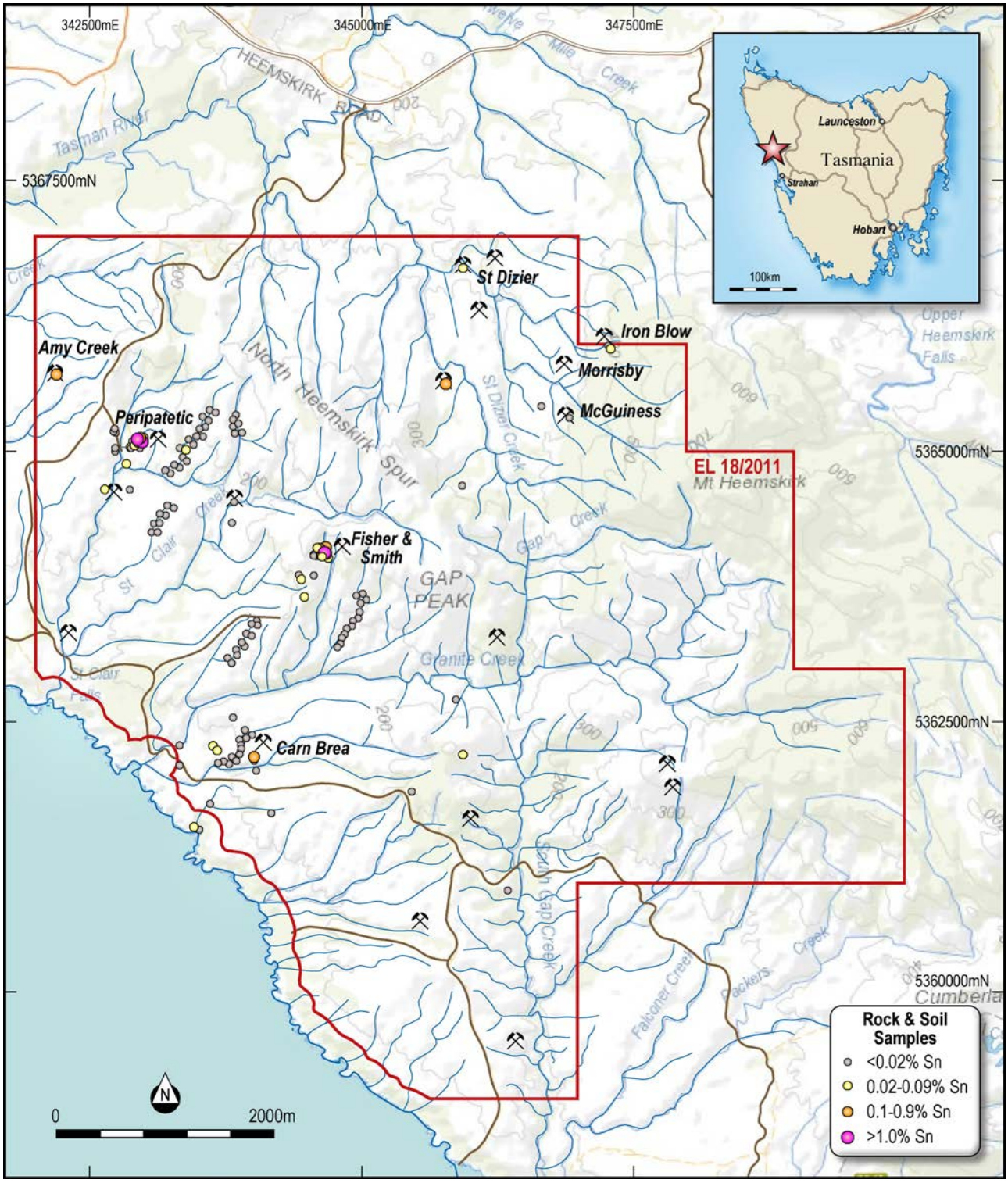

Figure 3: Heemskirk Tin Project plan showing old mines and the results from all rock and soil samples

The seven new stream sediment concentrate samples included two results of over 1% tin, the highest being 32% tin, in the vicinity of the old Carn Brea workings. The samples have been hand panned to concentrate heavy minerals and are therefore higher grade than the original in-situ stream sediments. A total of 129 stream sediment concentrate samples have now been collected, with 23 of these samples exceeding 1% tin, as shown below in Figure 4. The new assay results are tabulated below in Appendix 5.

Figure 4: Plan of the Panned-Concentrate Stream Sediment Assay Grades from Heemskirk

The 129 stream sediment concentrate samples were collected with the rationale that the results would delineate the most anomalous areas for more detailed sampling and exploration. Examination of the stream sediment concentrate results clearly shows a number of areas with consistently higher results, including a number of streams with no known mines or deposits to the east of the Peripatetic Mine and to the north of the Carn Brea Mine. However, the results from the soil sampling along the valley sides in these anomalous areas were low, with no assays higher than 0.02% tin (Figure 3, Appendix 4).

Rock sampling at the Peripatetic workings did return some anomalous results with a high value of 4.6% tin (sample 16082) from the face of an open stope between Adits 3 and 4 (Figure 5). Previous sampling by other companies at the Peripatetic mine has returned assay values up to 12.3% tin.

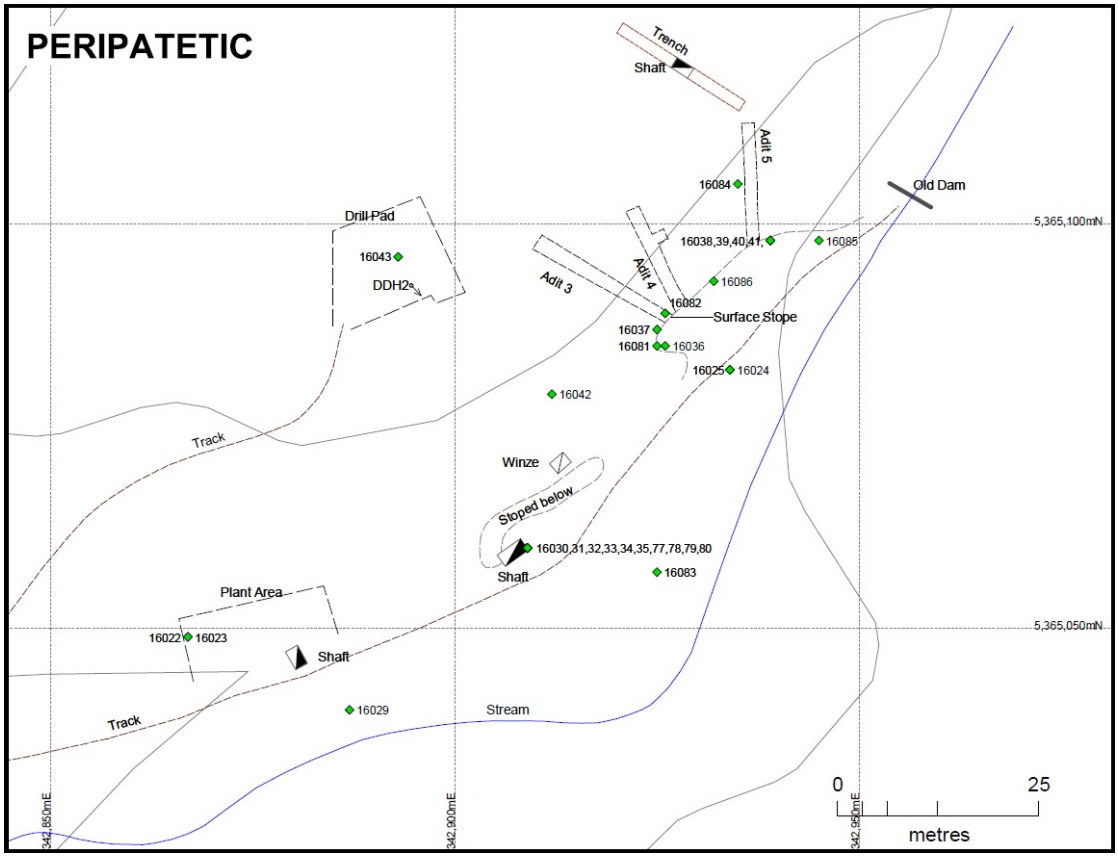

Figure 5: Sketch map of the old Peripatetic mine workings with rock sample numbers

MinRex has been completing detailed stream sediment concentrate sampling, rock sampling and soil sampling within the Heemskirk area, in an effort to discover previously overlooked large, low-grade tin deposits; or smaller, high to medium-grade tin deposits. MinRex believes that while the Heemskirk tin field is relatively old, the work previously completed has not been systematic or thorough and that potential remains for new discoveries in the area.

Work is now continuing on collating all of the exploration results to date and planning for the next stage of exploration, with a new field program expected to commence in the coming spring or summer months.

Figure 6: Old stamp battery and adit at the Carn Brea and open stope wall at Peripatetic (right) mines, during 2017

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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 May-June 2017 Rock Sample Assay Results

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DEK191	444140	6833078	0	0	0.4	1	5	3	3	3
DEK192	443977	6833151	0	0	0.2	0.6	3	2	4	2
DEK193	443965	6833145	0	0	0.8	0.6	5	74	80	30
DEK194	443850	6833158	0	0	0.4	2.2	6	2	4	3
DEK195	443830	6833163	0	0	0.4	0.2	2	5	4	2
DEK196	443829	6833160	0	0	2.6	5	20	9	14	13
DEK197	444432	6832267	0	0	0.4	0.2	1	2	6	2
DEK198	444312	6832484	0	0	0.2	0.6	2	1	4	3
DEK199	444294	6832473	0	0	0.4	0.6	3	3	5	4
DEK200	444006	6831685	0	0	0.4	0.4	0	1	2	2
DEK201	443939	6831690	0	0	0.6	0.2	0	1	4	2
DEK202	443897	6831612	0	0	26.4	0.6	6	41	180	14
DEK203	443885	6831607	0	0.1	3.4	0.4	2	66	12	5
DEK204	443886	6831610	0	0	20.4	0.2	5	32	13	6
DEK205	443878	6831625	0	0	15	0.4	5	28	15	9
DEK206	443869	6831670	0	0	2.8	0.2	0	3	4	3
DEK207	443854	6831641	0	0	0.6	0.2	0	2	5	2
DEK208	443854	6831637	0	0	23.2	0.2	4	24	14	4
DEK209	443877	6831598	1	0	3.8	0.4	10	25	47	17
DEK210	443872	6831595	0	0	1	4.6	0	3	4	3
DEK211	443868	6831588	0	0	16.4	0.2	5	25	14	8
DEK212	443895	6831577	0	0	15.4	0.2	5	22	14	8
DEK213	443778	6831332	0	0	1	0.4	3	2	4	3
DEK214	443778	6831327	0	0	0.8	2.8	2	2	6	5
DEK215	443806	6831350	1	0	0.6	2.2	9	5	5	3
DEK216	443828	6831369	0	0	0.4	0.4	1	2	6	3
DEK217	443830	6831365	0	0	0.6	0.2	3	2	6	3
DEK218	443832	6831360	0	0	0.6	0	2	4	6	4
DEK219	443837	6831313	0	0	0.6	0.6	0	5	9	3
DEK220	443736	6831262	0	0	2.4	0.6	1	1	6	2
DEK221	443760	6831233	0	0	0.6	1.8	1	3	40	10
DEK222	443762	6831351	1	0	2.6	0.2	3	4	11	5
DEK223	443734	6831387	0	0	0.6	0.4	0	0	5	2
DEK224	443719	6831375	0	0	0.6	1.6	3	2	16	6
DEK225	443737	6831326	0	0	0.8	3.6	2	4	9	4
DEK226	443878	6831359	0	0	0.4	1.4	1	1	5	3
DEK227	443884	6831328	0	0	0.4	0.4	0	1	4	2
DEK228	443838	6831333	0	0	0.4	1	0	1	6	2
DEK229	443829	6831359	0	0	0.4	0.6	0	2	5	4
DEK230	444135	6830680	1	0	0.6	0	0	2	0	2
DEK231	444140	6830675	23	0	1.2	0.2	2	10	14	15
DEK232	444117	6830644	0	0	0.6	0.2	1	2	3	3

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DEK233	443670	6830871	0	0	0.4	0	0	1	4	2
DEK234	443698	6831563	0	0	0.4	0	0	0	3	2
DEK235	443686	6831570	0	0	0.4	0.4	0	2	9	3
DEK236	443648	6831558	0	0	0.4	0.4	0	2	4	4
DEK237	443605	6831556	0	0	0.6	0.4	0	4	29	8
DEK238	443577	6831581	0	0	0.6	0.2	0	3	4	2
DEK239	443613	6831634	0	0	0.2	1.2	1	4	10	4
DEK240	443621	6831645	0	0	0.6	1.8	1	2	23	9
DEK241	443642	6831661	0	0	0.4	1.4	1	2	6	3
DEK242	443653	6831666	0	0	0.4	0.2	2	1	4	3
DEK243	443673	6831650	0	0	0.4	0.4	0	0	5	2
DEK244	443681	6831645	0	0	0.4	3.8	2	4	13	6
DEK245	443724	6831605	0	0	0.4	1.6	0	2	5	3
DEK246	443717	6831527	0	0	0.4	0.6	0	2	6	3
DEK247	443734	6831488	0	0	0.4	0.4	2	1	5	3
DEK248	443799	6831488	0	0	0.2	2.2	4	2	5	5
DEK249	443831	6831521	0	0	0.4	0.4	0	1	2	2
DEK250	443884	6831533	1	0	0.4	116	44	4	7	6
DEK251	443877	6831539	0	0	11.8	2.2	5	29	15	10
DEK252	443822	6831612	0	0	0.6	1	0	1	3	2
DEK253	443778	6831611	0	0	0.6	8	3	2	13	2
DEK254	444064	6831670	0	0	0.4	1	0	1	3	2
DEK255	444061	6831667	0	0	6.4	1.2	14	179	262	133
DEK256	444043	6831729	2	0	3.8	0.6	9	142	23	22
DEK257	444039	6831739	8	0	4.6	1	10	121	53	69
DEK258	444037	6831774	3	0	2.2	3.2	12	133	65	68
DEK259	444019	6831791	0	0	18.6	3	58	154	28	69
DEK260	443940	6831894	0	0	1	1	2	2	4	2
DEK261	443941	6831983	0	0	0.6	0.6	2	3	4	3
DEK262	443967	6832049	0	0	1	0.4	0	5	5	3
DEK263	443961	6832034	0	0	0.8	1.6	9	62	21	21
DEK264	443876	6832167	1	0	0.6	0.4	0	5	3	2
DEK265	443841	6832083	3	0.1	0.4	0	0	1	3	2
DEK266	443827	6831999	1	0	2.2	0.2	0	2	5	3
DEK267	443793	6831920	2	0	0.6	0.6	0	0	3	2
DEK268	443773	6831905	9	0	25.2	1	7	25	80	54
DEK269	443704	6831833	0	0	2	1.6	0	2	4	2
DEK270	443762	6831774	0	0	0.8	1.4	0	2	2	3
DEK271	443806	6831737	0	0	0.6	1	2	3	3	2
DEK272	443830	6831696	0	0	2.4	1.4	7	17	20	4
DEK273	443873	6831645	0	0	0.6	0.2	0	5	5	2
DEK274	443982	6832808	1	0	0.6	0.4	5	6	6	5
DEK275	444096	6832783	0	0	0.4	0.6	0	5	2	2
DEK276	444149	6832815	0	0	0.2	0.2	0	2	3	2

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DEK277	444348	6832797	0	0	0.4	125	28	1	3	2
DEK278	444460	6832804	0	0	0.4	3.6	1	1	4	2
DEK279	444387	6832472	0	0	0.4	11.6	4	1	3	2
DEK280	444390	6832490	1	0	2.4	1	5	14	11	12
DEK281	444515	6832553	0	0	0.6	0.4	2	1	4	2
DEK282	444583	6832511	0	0	0.8	5.6	3	2	4	2
DEK283	444374	6832413	0	0	0.6	1.8	3	1	8	3
DEK284	443779	6833184	0	0	0.4	0.2	1	1	3	2
DEK285	443861	6833246	0	0	0.6	0.2	2	4	5	3
DEK286	443926	6833285	0	0	0.4	0.2	42	3	5	5
DEK287	443963	6833289	0	0.05	0.4	0.2	192	34	3	4
DEK288	444001	6833308	0	0.05	0.4	0.2	17	12	10	15
DEK289	444074	6833355	0	0	0.4	0	1	1	3	3
DEK290	444060	6833324	0	0	0.4	0.2	1	4	5	6
DEK291	444028	6833293	0	0.05	0.6	0	3	25	12	33
DEK292	443992	6833272	0	0	0.4	0.2	5	5	4	3
DEK293	443949	6833232	0	0	0.6	0.2	9	3	7	3
DEK294	443880	6833211	0	0	0.4	0.4	0	1	5	2
DEK295	443840	6833173	0	0	0.8	0.4	0	5	7	2
DEK296	443804	6833143	0	0	0.6	0.2	0	3	3	3
DEK297	443660	6333148	0	0	0.6	0.2	1	2	3	2
DEK298	443636	6833097	0	0	0.4	0.2	3	3	3	3
DEK299	443594	6833046	0	0	0.6	0.2	1	5	4	2
DEK300	443513	6833006	0	0.1	0.4	0.4	2	2	5	2
DEK301	443473	6832973	0	0	0.8	0.4	1	3	3	2
DEK302	443397	6832973	1	0	0.8	0.4	2	3	3	4
DEK303	443404	6832905	0	0	0.4	1	0	5	4	4
DEK304	443342	6832863	0	0	0.4	0.4	3	4	4	4
DEK305	443268	6832806	2	0	0.4	0.4	0	5	4	3
DEK306	443228	6832846	2	0	0.8	0.2	0	4	6	2
DEK307	443232	6832788	0	0	0.4	0.6	0	3	4	3
DEK308	443228	6832773	1	0	0.8	0.2	5	16	19	24
DEK309	443277	6832772	0	0	0.4	0.4	1	3	3	3
DEK310	443295	6832743	4	0	0.4	0.2	1	3	4	4
DEK311	443348	6832765	0	0	0.4	0	0	3	3	2
DEK312	443432	6832820	0	0	0.2	0	0	2	3	2
DEK313	443480	6832895	0	0	1.6	0.2	2	3	5	2
DEK314	443548	6832956	0	0	0.4	0.6	1	3	5	5
DEK315	443602	6832997	0	0	0.8	0.2	1	3	3	3
DEK316	443160	6832776	0	0	0.8	0.6	0	5	4	8
DEK317	443113	6832749	3	0	0.4	0.2	0	3	5	3
DEK318	443013	6832718	0	0	1	0.2	2	3	5	4
DEK319	442985	6832672	105	0	2	1.8	90	140	116	145
DEK320	442969	6832668	0	0	0.6	0.2	1	4	5	3

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DEK321	442915	6832563	216	0.05	7.2	1.4	43	346	248	32
DEK322	442929	6832524	6	0	2.4	0.4	10	97	85	20
DEK323	443003	6832439	1	0	0.6	0.4	7	4	5	4
DEK324	443029	6832436	0	0	0.6	0.4	0	3	5	4
DEK325	443060	6832393	0	0	0.4	0.4	0	6	1	2
DEK326	443108	6832359	249	0	0.6	0.4	4	8	4	6
DEK327	443083	6832425	4	0	3.2	1	3	60	31	12
DEK328	443073	6832532	0	0	0.8	0.6	4	16	7	5
DEK329	443085	6832544	7	0.05	3.2	3.6	102	89	38	18
DEK330	443119	6832623	0	0	0.6	0.6	2	10	10	3
DEK331	441479	6832491	3	0	1.4	0.2	2	4	3	4
DEK332	441480	6832493	0	0	12.4	0.2	18	29	81	80
DEK333	441496	6832498	6	0	1.4	0	2	3	4	4
DEK334	441511	6832552	5	0	1.6	0.2	2	3	7	4
DEK335	441562	6832610	0	0	2.8	0.2	2	6	4	4
DEK336	441580	6832614	0	0	0.8	0	2	2	4	3
DEK337	441598	6832626	5	0	1	0	1	2	4	2
DEK338	441596	6832585	7	0	0.8	0	2	2	5	3
DEK339	441605	6832546	7	0	0.8	0.2	2	7	5	6
DEK340	441584	6832506	0	0	1.2	0	2	2	6	2
DEK341	441595	6832504	0	0	0.6	0	2	2	3	5
DEK342	441566	6832493	0	0	0.6	0.2	4	3	7	5
DEK343	441552	6832503	2	0	0.6	0	3	4	7	4
DEK344	441550	6832491	5	0	11.4	0.4	7	69	84	60
DEK345	441411	6832522	0	0	4.2	0.4	1	3	6	3
DEK346	441373	6832558	0	0	0.8	0	0	1	4	3
DEK347	441340	6832568	1	0	3.8	0.2	5	12	17	31
DEK348	441314	6832545	20	0	3.6	0.2	0	2	5	1
DEK349	441329	6832559	0	0	0.6	0.2	0	1	4	1
DEK350	441352	6832534	0	0	0.6	0	0	6	3	1

Appendix 2 – Deflector Extended Gold Project May-June 2017 Soil Sample Assay Results

Sample No.	Easting m	Northing m	Au ppb	Ag ppm	As ppm	Mo ppm	Pb ppm	Cu ppm	Ni ppm	Zn ppm
DES328	443950	6832800	2	0	2.8	0.8	9	29	44	21
DES329	444000	6832800	0	0	2.4	0.8	8	22	33	13
DES330	444050	6832800	0	0	2.2	0.8	8	21	32	20
DES331	444100	6832800	3	0	2.4	1	9	22	28	16
DES332	444150	6832800	2	0	2.4	1	10	22	30	18
DES333	444200	6832800	0	0	3	1.2	11	22	24	21
DES334	444250	6832800	0	0	3	2.2	16	23	27	23
DES335	444300	6832800	0	0	2.4	1	12	17	18	22
DES336	444350	6832800	0	0	2	0.8	15	19	23	28
DES337	444400	6832800	0	0	2	0.6	15	23	22	35
DES338	444450	6832800	0	0	2.6	0.8	10	14	15	14
DES339	444500	6832800	0	0	3.2	0.8	11	16	16	16
DES340	444550	6832800	0	0	2.2	0.4	14	26	22	40
DES341	444600	6832800	1	0	4.4	0.6	11	24	22	33

Appendix 3 – Heemskirk Tin Project February 2017 Rock Sample Assay Results

Sample No.	Easting m	Northing m	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Nb ppm	Sn ppm	Sn %	Ta ppm	W ppm	Zn ppm
16029	342887	5365040	0.7	37.4	30	6	22	20.5	122	0.01	3.44	11.1	45
16030	342909	5365060	0.3	1.6	6	0.4	8	21.7	69.6	0.01	3.56	42.9	40
16031	342909	5365060	-0.1	1.2	4	0.6	7	16.8	94.4	0.01	4.32	5.85	45
16032	342909	5365060	0.1	0.8	8	-0.2	4	24.3	724	0.07	4.06	20.5	20
16033	342909	5365060	0.2	0.2	2	-0.2	6	18.8	126	0.01	3.31	8.65	15
16034	342909	5365060	-0.1	0.4	6	0.2	3	25.2	99.6	0.01	4.58	10.9	20
16035	342909	5365060	0.1	0.8	6	-0.2	5	26	120	0.01	4	8.8	20
16036	342926	5365085	0.2	7.8	6	1.8	24	20.7	97.6	0.01	3.27	4.3	10
16037	342925	5365087	-0.1	2	4	0.4	4	14.4	6420	0.64	2.56	25.9	25
16038	342939	5365098	-0.1	14.4	10	3.2	21	21.6	189	0.02	3.35	12.7	10
16039	342939	5365098	-0.1	1.2	4	0.4	11	10.1	18.6	0.00	2.78	0.9	80
16040	342939	5365098	0.2	1.2	4	0.4	1	9.69	730	0.07	2.11	4.8	90
16041	342939	5365098	-0.1	2	4	0.8	10	13.5	71	0.01	2.86	2.45	65
16042	342912	5365079	-0.1	0.8	6	0.4	2	8.31	387	0.04	1.72	2.85	10
16043	342893	5365096	-0.1	1	6	0.8	9	33	47.6	0.00	10.5	1.85	75
16044	344018	5362070	-0.1	2	4	0.6	-1	0.59	5.2	0.00	0.29	0.35	20
16045	344018	5362070	0.1	1.6	6	0.6	12	1.33	13.6	0.00	0.52	0.6	40
16046	344018	5362070	-0.1	3	4	40.6	-1	1.58	3.8	0.00	0.51	0.55	15
16047	344018	5362070	-0.1	3	2	13	11	15.8	26.6	0.00	6.48	21.5	20
16048	344018	5362070	-0.1	0.8	2	2.8	5	20.9	1040	0.10	3.55	11.8	25
16049	344018	5362070	-0.1	0.8	4	0.4	15	3.41	13.4	0.00	0.97	0.4	50
16050	344018	5362070	-0.1	3.8	4	1	-1	10	125	0.01	1.83	8.05	5
16051	344010	5362093	-0.1	3.6	4	0.4	17	47.7	9.8	0.00	14.1	13.7	20

Sample No.	Easting m	Northing m	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Nb ppm	Sn ppm	Sn %	Ta ppm	W ppm	Zn ppm
16052	344011	5362097	-0.1	0.4	6	0.4	7	22	126	0.01	3.68	11.8	10
16053	344008	5362108	-0.1	0.6	6	0.4	6	14.3	26.6	0.00	2.4	2.6	5
16054	344011	5362126	-0.1	1.2	6	0.2	19	18.7	26.4	0.00	3.03	2.1	30
16055	344011	5362126	-0.1	0.6	6	-0.2	20	18.7	64.8	0.01	2.68	2.4	10
16056	344011	5362126	-0.1	0.8	6	0.2	16	16.7	31.4	0.00	3.03	2.2	35
16057	344011	5362126	0.2	3.4	8	-0.2	21	15.8	19.2	0.00	2.42	2.35	15
16058	344011	5362126	0.3	1.2	12	0.4	30	19.7	39.2	0.00	3.29	2.85	20
16059	344011	5362126	-0.1	0.4	4	-0.2	-1	6.19	13.2	0.00	0.98	0.85	-5
16060	344003	5362163	-0.1	0.8	4	0.2	-1	10.6	162	0.02	1.69	5.1	10
16061	344003	5362163	0.1	5.2	8	0.8	5	23.4	212	0.02	3.67	7.5	20
16062	344003	5362163	0.1	8.4	14	1	9	25.1	3900	0.39	3.62	31.4	25
16063	344007	5362158	-0.1	0.4	6	0.2	5	4.63	246	0.02	0.74	1.1	10
16064	344590	5364100	0.2	1.8	6	1	281	26.6	36.2	0.00	4.39	8.7	40
16065	344590	5364100	-0.1	0.8	6	1.4	5	22.8	157	0.02	4.57	13.8	40
16066	344590	5364100	0.3	1.6	4	1.2	15	21.6	708	0.07	4.24	17.6	40
16067	344590	5364100	0.1	0.8	4	1.2	12	23.1	236	0.02	4.34	16.1	55
16068	344605	5364041	-0.1	2.2	6	1.6	16	18.8	488	0.05	4.56	10.9	95
16069	344605	5364041	0.2	2.4	4	1	8	25.5	525	0.05	5.04	11.4	70
16070	344613	5364046	21.5	492	30	1.8	122	34.6	1150	0.12	6.13	15.6	95
16071	344613	5364046	3.2	80.4	20	1.8	98	20.3	62.4	0.01	3.46	11.4	30
16072	344605	5364052	1.8	4	4	1.4	148	25.2	27800	2.78	4.05	153	75
16073	344605	5364052	0.2	2.4	8	1.4	12	19.8	391	0.04	4.58	11.9	70
16074	344569	5364038	0.2	0.6	4	1.2	8	26.4	133	0.01	4.53	20.3	45
16075	344569	5364038	0.3	1	6	1.8	62	19.4	621	0.06	4.98	17.4	35
16076	344618	5364037	1.5	13.2	26	1	115	27.1	191	0.02	4.84	9.5	45
16077	342909	5365060	-0.1	0.4	4	1.6	8	32.3	145	0.01	5.5	30.7	50
16078	342909	5365060	-0.1	-0.2	2	2	8	35	149	0.01	6.68	34.1	50
16079	342909	5365060	0.2	1.6	14	0.8	12	24.3	61.6	0.01	4.27	7.45	15
16080	342909	5365060	0.1	0.8	6	1.2	3	30	82.4	0.01	5.45	29.1	40
16081	342925	5365085	-0.1	1.4	2	1.6	9	51.4	125	0.01	24	13.7	45
16082	342926	5365089	-0.1	7.4	-2	4.6	3	45.7	45900	4.59	11.7	210	25
16083	342925	5365057	0.1	1.2	8	2	18	18	129	0.01	3.46	8.25	25
16084	342935	5365105	0.1	3.6	6	1.4	22	22.6	141	0.01	3.73	12.7	10
16085	342945	5365098	0.1	2	6	1.2	9	22.5	1460	0.15	4.17	20	20
16086	342932	5365093	-0.1	0.6	-2	1.8	2	18.8	14100	1.41	3.57	60.4	30

Appendix 4 – Heemskirk Tin Project February 2017 Soil Sample Assay Results

Sample No.	Easting m	Northing m	Ag ppm	As ppm	Cu ppm	Pb ppm	Mo ppm	Sn ppm	Sn %	W ppm	Zn ppm	Ta ppm	Nb ppm
16087	343686	5362108	-0.1	1	-2	2	0.8	4.6	0.00	2.65	5	1.41	6.54
16088	343761	5362117	-0.1	0.6	-2	-1	0.6	6	0.00	2.45	5	0.69	2.89
16089	343830	5362154	-0.1	0.8	-2	-1	-0.2	10	0.00	1.1	-5	0.52	3.35
16090	343880	5362215	0.1	0.8	-2	4	0.2	19.6	0.00	1.9	-5	0.58	2.15
16091	343881	5362292	-0.1	1	-2	4	-0.2	9	0.00	0.85	-5	0.48	2.7
16092	343922	5362364	-0.1	0.8	-2	-1	0.4	64.2	0.01	0.95	-5	0.79	4.55
16093	343978	5362395	-0.1	0.6	-2	-1	0.6	9.2	0.00	1.9	-5	1.1	5.62
16094	343930	5362413	-0.1	0.4	-2	-1	0.4	7	0.00	1.3	-5	0.79	4.91
16095	343876	5362329	-0.1	0.6	4	-1	0.8	33.8	0.00	1.75	-5	0.86	5.3
16096	343879	5362233	-0.1	0.4	-2	-1	0.2	14.4	0.00	0.95	-5	0.49	2.48
16097	343807	5362162	-0.1	3	2	3	0.4	42.6	0.00	4.2	5	2.03	14.1
16098	343722	5362113	-0.1	1.2	-2	2	0.6	44	0.00	3.05	5	2.12	13
16099	344019	5363394	-0.1	0.4	-2	1	0.8	9.4	0.00	0.8	-5	1.05	6.02
16100	343968	5363301	-0.1	0.8	-2	5	0.4	22.6	0.00	1.55	5	1.83	7.47
16101	343901	5363221	-0.1	0.8	2	2	0.6	15.6	0.00	2.1	5	1.33	8.24
16102	343848	5363138	-0.1	0.8	4	-1	0.2	4.4	0.00	0.7	-5	0.7	3.24
16103	343788	5363063	-0.1	1.2	-2	5	0.4	5.4	0.00	3.25	-5	1.92	10.9
16104	343780	5363070	-0.1	1	2	1	0.6	12.6	0.00	2.4	-5	1.43	7.73
16105	343849	5363149	-0.1	1	4	1	0.6	12.4	0.00	3.05	5	1.78	7.63
16106	343896	5363233	-0.1	1	-2	-1	0.6	60.2	0.01	3.35	10	2.6	11.9
16107	343952	5363314	-0.1	0.8	-2	2	0.4	69	0.01	2.1	5	1.41	8.63
16108	344002	5363400	-0.1	0.6	2	1	0.6	30.8	0.00	2.55	5	1.5	7.51
16109	344022	5363415	0.1	0.8	-2	2	0.4	27.6	0.00	1.55	10	1.17	6.21
16110	344795	5363221	-0.1	0.8	-2	2	0.4	11.8	0.00	2.95	5	2.5	12.8
16111	344845	5363306	-0.1	0.6	-2	-1	0.4	18.6	0.00	3.5	5	2.47	13
16112	344896	5363389	-0.1	1	-2	3	0.4	6.4	0.00	3.95	-5	3.16	20.8
16113	344962	5363462	-0.1	0.8	-2	-1	0.4	8.4	0.00	3.2	-5	2.64	15.2
16114	345021	5363614	0.1	1	-2	7	0.6	16.2	0.00	10.6	15	6.99	42.4
16115	344986	5363680	-0.1	0.8	-2	5	0.8	42.2	0.00	8.9	15	5.34	30.7
16116	344967	5363677	-0.1	1	-2	3	0.4	6.4	0.00	3.2	10	1.51	8.09
16117	345006	5363610	-0.1	0.8	-2	-1	0.2	7.6	0.00	3.75	15	2.37	12.9
16118	344988	5363518	-0.1	0.8	-2	4	0.6	11	0.00	6.85	10	5.11	32.5
16119	344926	5363441	0.1	1	-2	2	0.6	16.2	0.00	6.1	10	6.38	43.3
16120	344863	5363364	-0.1	1.2	-2	2	0.2	55.6	0.01	2.85	10	2.59	10.7
16121	344815	5363273	-0.1	0.8	-2	1	0.2	58.4	0.01	7.15	10	4.41	26.7
16122	344763	5363196	-0.1	1.2	-2	3	0.4	35.6	0.00	6.3	10	3.82	22.4
16123	343876	5365171	-0.1	1	-2	3	0.2	6.8	0.00	5.3	5	2.61	15.2
16124	343855	5365167	-0.1	1	-2	11	0.8	16.2	0.00	8.15	15	3.52	22.5
16125	343843	5365256	-0.1	1.2	-2	6	0.6	8.2	0.00	4.35	10	3.48	21.3
16126	343829	5365242	0.1	0.8	-2	5	0.4	9.6	0.00	2.45	10	1.85	9.22
16127	343822	5365303	-0.1	1.2	-2	5	0.4	85.6	0.01	3.65	15	3.25	13.8
16128	343829	5365317	-0.1	1	-2	5	0.4	70.4	0.01	4.05	10	2.32	13

Sample No.	Easting m	Northing m	Ag ppm	As ppm	Cu ppm	Pb ppm	Mo ppm	Sn ppm	Sn %	W ppm	Zn ppm	Ta ppm	Nb ppm
16129	343647	5365368	-0.1	1	-2	1	0.6	13	0.00	1.65	-5	0.9	4.65
16130	343615	5365378	-0.1	1.2	-2	2	0.2	3.4	0.00	1.7	-5	1.28	5.38
16131	343563	5365304	-0.1	1.4	-2	1	0.4	10.6	0.00	3.35	15	2.07	9.94
16132	343548	5365312	-0.1	0.8	-2	2	0.4	17.4	0.00	3.1	10	2.02	9.11
16133	343542	5365224	-0.1	0.8	-2	2	0.4	18.8	0.00	6.25	5	3.24	19.1
16134	343530	5365218	-0.1	0.8	-2	2	0.2	3.8	0.00	6.8	5	2.28	14
16135	343514	5365138	-0.1	0.8	-2	-1	0.4	2.2	0.00	1.25	-5	0.61	2.69
16136	343489	5365134	-0.1	0.8	-2	2	-0.2	15.8	0.00	13	15	3.51	19.6
16137	343436	5365074	-0.1	0.6	-2	-1	0.4	60.6	0.01	1.3	-5	0.82	3.12
16138	343407	5365099	-0.1	1.2	-2	18	0.4	18.6	0.00	5.85	10	1.73	10.5
16139	343360	5365013	0.1	1.2	4	2	1	167	0.02	2.8	10	1.32	6.92
16140	343330	5365038	-0.1	0.8	4	1	0.8	5	0.00	1.3	-5	0.63	3.51
16141	343385	5364916	-0.1	0.8	2	1	0.6	6.2	0.00	3.65	5	1.84	10.7
16142	343349	5364941	-0.1	0.8	2	3	0.6	3.2	0.00	1.9	10	1.18	5.65
16143	343305	5364862	-0.1	1.2	-2	2	0.6	5.8	0.00	3.45	5	1.91	11.1
16144	343285	5364867	0.1	1.4	-2	3	0.6	7	0.00	4.95	10	2.33	14
16145	343219	5364811	-0.1	2.6	-2	13	0.6	8.2	0.00	5.9	15	4.28	20.5
16146	343201	5364817	-0.1	0.8	-2	2	0.6	15	0.00	6.05	5	3.01	17.8
16147	343257	5364486	-0.1	-0.2	-2	3	-0.2	1	0.00	4.85	-5	3.35	24.5
16148	343235	5364490	-0.1	0.6	-2	2	0.2	5.4	0.00	0.5	-5	0.99	5.41
16149	343182	5364421	-0.1	0.8	-2	-1	0.6	1.8	0.00	1.95	-5	0.74	2.62
16150	343157	5364425	-0.1	1	-2	-1	-0.2	2.2	0.00	2.3	-5	0.89	5.05
16151	343117	5364346	-0.1	0.6	-2	-1	-0.2	3.8	0.00	0.95	-5	0.58	2.41
16152	343103	5364342	-0.1	0.6	-2	5	0.4	5.4	0.00	1.2	5	1.72	9.14
16153	343097	5364256	-0.1	0.8	-2	-1	0.4	14	0.00	0.85	-5	0.97	4.12
16154	343075	5364255	-0.1	0.8	-2	3	0.8	2.8	0.00	2.05	-5	1.41	9.98

Appendix 5 – Heemskirk Tin Project February 2017 Stream Sediment Concentrate Assay Results

Sample No.	Easting m	Northing m	Ag ppm	As ppm	Cu ppm	Mo ppm	Pb ppm	Nb ppm	Sn ppm	Sn %	Ta ppm	W ppm	Zn ppm
53325	343682	5362130	0.1	2.2	2	1	5	474	325000	32.50	51.4	887	25
53326	345017	5363537	-0.1	1.4	-2	0.4	2	59.1	4130	0.41	12.7	15.7	50
53327	344984	5363722	-0.1	1	-2	7.2	4	60.8	1700	0.17	16.8	20.4	60
53328	344956	5363726	-0.1	0.4	-2	1.6	3	111	4960	0.50	27.3	34.6	70
53329	343843	5365316	0.1	0.6	-2	0.8	5	44.8	1090	0.11	11.9	12.4	55
53330	343839	5365326	-0.1	0.6	-2	0.4	3	40.9	3600	0.36	11	16	70
53331	343628	5365371	-0.1	1.2	-2	3.8	3	57.3	17500	1.75	16.9	58.8	90

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, from 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 being potentially economic or significantly anomalous 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 estimation, mining studies and metallurgical studies.*	• The auger holes were logged for hole depth, soil type, relative dilute HCl reaction, colour, depth of sandy, gravel, saprolite and calcrete layers. The results are considered to be qualitative and exploratory rather than quantitative and representative.

Criteria	JORC Code explanation	Commentary
	• *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• 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 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 3mm 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, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• 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. • However, all samples are collected by appropriately trained personnel and prepared in accordance with specified procedures.

Criteria	JORC Code explanation	Commentary
		• 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 for 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 geological structure and layering remains speculative.
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 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	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such*	• The Deflector Extended Gold Project lies in one granted exploration licence - E59/1657 (of 15km^2) which

Criteria	JORC Code explanation	Commentary
land tenure status	*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.*	is wholly owned 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, 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 detailed in the available data. • 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 the Project area. However, 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 metabasalt and high-Mg metabasalt, with some meta-sediments and a buried granite dome. Gold mineralisation and gold-copper mineralisation in the Gullewa Mining Centre are 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

Criteria	JORC Code explanation	Commentary
		soil, colluvium and alluvium within the Project area, which effectively conceal any mineralisation present and MinRex is seeking analogous 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:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *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 (in 2012) at the Deflector Extended Gold Project area 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 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.*	• Auger, rock chip and soil sample assay values are reported as point values. • Actual metal assay values are reported with no modification.
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*	• 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

Criteria	JORC Code explanation	Commentary
	view of drill hole collar locations and appropriate sectional views.	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 interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Further rock chip, float, colluvium, calcrete and soil sampling is planned for the future to further hone into any anomalous areas within the Project area.

JORC Code, 2012 Edition (Table 1) Heemskirk Tin 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 and colluvium at the Heemskirk Tin Project. • MinRex has also collected shallow soil samples in selected areas at Heemskirk. • MinRex has also collected panned stream sediment samples in selected areas at the Heemskirk Tin Project. These samples are collected from stream beds and hand panned to concentrate the heavy minerals (including tin) prior to assaying. • All of the work completed to date is considered to be qualitative and exploratory rather than quantitative and representative. The Heemskirk Tin Project remains in an early exploration phase and no mineralisation considered being potentially economic or significantly anomalous has yet been outlined by this work. • 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).*	• Only surface rock chip, soil and stream sampling has been completed. • MinRex has not completed any drilling at the Heemskirk Tin 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.*	• Only surface rock chip, soil and stream sampling has been completed. • MinRex has not completed any drilling at the Heemskirk Tin Project.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support*	• MinRex has not completed any drilling at the Heemskirk Tin Project. • The random rock, soil and stream sediment concentrate samples are

Criteria	JORC Code explanation	Commentary
	appropriate Mineral Resource 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.*	considered to be qualitative and exploratory rather than quantitative and representative. • All surface samples are logged for rock, soil, alluvium 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.*	• MinRex has not completed any drilling at the Heemskirk Tin Project. • For rock and soil samples, samples of approximately 1kg weight were collected into calico or plastic sample bags for transport to the chemical laboratory. • The stream sediment concentrate samples are hand panned to concentrate the heavy minerals (including tin) prior to assaying. The remnant sample size (for assaying) is typically about 250gm. • 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 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 fused and subjected to laser ablation with ICP-MS detection for all elements. • 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, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• 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. • However, all samples are collected by appropriately trained personnel and prepared in accordance with specified procedures. • No adjustment has been made to any assay data.

Criteria	JORC Code explanation	Commentary
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 (rock chip, soil and stream sampling sampling) have been determined using a handheld Garman 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. • The grid system used at Heemskirk is MGA_GDA94 Zone 55.
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 soil samples is random and not for use in definitive data purposes. • Stream sediment samples have been collected above stream conjunctions – as considered appropriate. • 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 geological structure and layering remains speculative.
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 a commercial transport depot. The samples have then be transported to the laboratory by reputable commercial transport operators.
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 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*	• The Heemskirk Tin Project lies in one granted exploration licence – EL18/2011 (of 44km^2) which is wholly owned by MinRex Resources Limited. The Project is located on the west coast of Tasmania, 7km NW of

Criteria	JORC Code explanation	Commentary
	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.*	Trial Harbour and about 16km WNW of the township of Zeehan. There are no known heritage, Native Title or environmental impediments on the lease. The area is uninhabited and lies within a Tasmanian Regional Reserve. • E18/2011 is current until 2/4/2018.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• The lease covers part of the old Heemskirk Tin Field which was mined in the 1870-1880's. Some subsequent exploration was completed in the 1960-1990's, with reports on this work having been obtained from the MRT in Hobart. • No detailed, systematic modern exploration is known to have been completed in the Heemskirk Tin Project area.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Heemskirk Tin Project lies within the Devonian Heemskirk Granite in an area hosting numerous small tin and base metals occurrences. MinRex is seeking significant deposits of granite-hosted mineralisation such as tin, tungsten, base-metals, or other types.
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:* o *easting and northing of the drill hole collar* o *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* o *dip and azimuth of the hole* o *down hole length and interception depth* o *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 not completed any drilling in the Heemskirk Tin Project area.
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 incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such*	• Rock chip, soil and stream sediment sample assay values are reported as point values. • Actual metal assay values are reported with no modification.

Criteria	JORC Code explanation	Commentary
	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, soil and stream sediment 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 Heemskirk Tin Project remains in 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 interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Further rock chip, soil and stream sediment sampling is planned for the future to further hone into any anomalous areas within the Project area.