



ASX Announcement

14 January 2021

## INITIAL AIR-CORE DRILLING AT IRON KING OUTLINES STRONG ZONES OF MINERALISATION AT AXFORD PROSPECT

400m-spaced drilling highlights potential new discovery with intersections of up to 2.2g/t associated with zones of quartz veining and breccias in mafic rocks extending over a strike length of 800m

### Highlights

- Significant assay results received from the Axford prospect, part of an extensive air-core (AC) drilling program completed at 400m line spacings across the Iron King Project, located 45km north of Leonora in WA. Results included:

#### Axford

- 16m at 0.93g/t Au from 56m (AX20AC111)
  - 6m at 1.91g/t Au from 40m (AX20AC116)
  - 4m at 2.08g/t Au from 40m (AX20AC117)
  - 4m at 2.19g/t Au from 0m (AX20AC018)
  - 4m at 1.50g/t Au from 56m (AX20AC077)
  - 16m at 0.49g/t Au from 24m (AX20AC138)
- The results confirm the continuity of mineralisation in AC drilling over a distance of 800m at Axford, with mineralisation identified along strike of limited historical drilling.
  - Ore-grade gold mineralisation in the near-surface environment is present above a zone of quartz veining hosted mineralisation.
  - The growing evidence from soil sampling, recent air-core drilling and historical drilling shows two parallel zones of mineralisation centred on the recently drilled Axford prospect and the historical Iron King prospect, which was subject to shallow open pit mining in the 1980's.
  - In-fill AC drilling to 200m line spacing at Axford and initial broad-spaced AC drilling along strike of the main Iron King open pit mine is planned to commence in the June 2021 quarter.

Kin Mining NL (ASX: KIN or "the Company") is pleased to report significant new assay results from recent air-core (AC) drilling at the Iron King prospect, a potential satellite project located 45km north of Leonora in Western Australia separate to the Company's flagship 100%-owned **Cardinia Gold Project** (CGP).

The drilling, together with multi-element soil geochemistry, has confirmed the potential of the Iron King Project to emerge as a significant new greenfields discovery which the Company plans to follow-up in parallel with its other exploration priorities at the CGP.

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**ASX Code: KIN**

Shares on issue: 700.4 million

Market Capitalisation: \$101 million

Cash: \$2.267 million (31 December 2020)

**Kin Mining NL**

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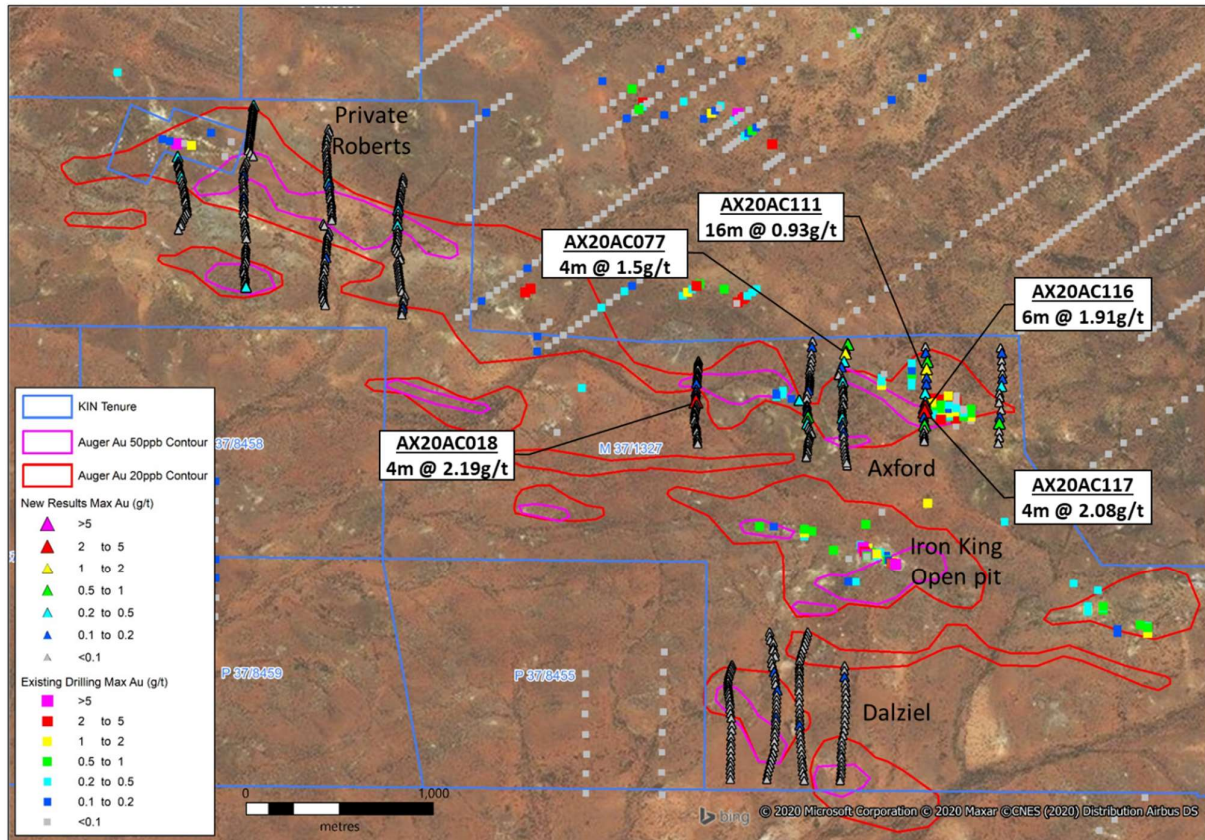
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The assays reported in this announcement are for the Axford, Private Roberts and Dalziel targets, all located at Iron King and highlighted by multi-element soil geochemical surveys completed in mid-2020.

The initial broad-spaced drilling program consisted of 11,425m of AC drilling at nominal 400m line spacing targeting three separate 2.0km long multi-element soil geochemical anomalies (Figure 1).



**Figure 1:** Location of the Iron King AC drilling program. Air-core results for the Private Roberts, Axford and Dalziel targets are reported in this announcement.

Commenting on the latest drill results, Kin Mining Managing Director Andrew Munckton said: “A program of broad-spaced air-core drilling has delivered initial encouraging results from the Axford target at the Iron King satellite project. Mineralisation associated with east-west striking and south-dipping quartz veins and breccia zones in mafic rocks shows strong visual similarity to the vein systems mined at both the nearby Victory workings and the historical open pit excavation at Iron King.

“These are very encouraging results for this early stage of exploration and confirm that we have discovered extensions to historical RAB and RC drilling intercepts and confirmed a parallel zone of mineralisation at Axford, upgrading the potential of this target as a focus for follow-up exploration this year. We are looking forward to confirming the continuity of the Axford mineralisation by undertaking further in-fill air-core drilling at 200m line spacing. In addition, the strike extensions of the Iron King Open pit have been confirmed with soil geochemistry and present a compelling, walk-up drill target for the second phase of work

“We plan to commence this follow-up work in the June 2021 quarter given the significant number of other exploration priorities we need to attend to at Cardinia in the first quarter of 2021. We expect to report a

*significant number of assays from Cardinia in the coming weeks as we progressively receive results from drilling completed prior to Christmas.”*

### **Axford Air-core Lines**

The Axford target is located in the north-eastern sector of the Iron King Project, approximately 1.0km north of the historically mined Iron King open pit. The Iron King open pit produced approximately 20,000 tonnes at 9.0g/t Au for 5,600oz of gold mined.

Historical drilling results at Axford were derived from RAB drilling completed by Dominion Mining in the mid-1990’s and a limited follow-up RC program completed by Kin Mining targeting historical workings previously referred to as the Crystal Ridge prospect.

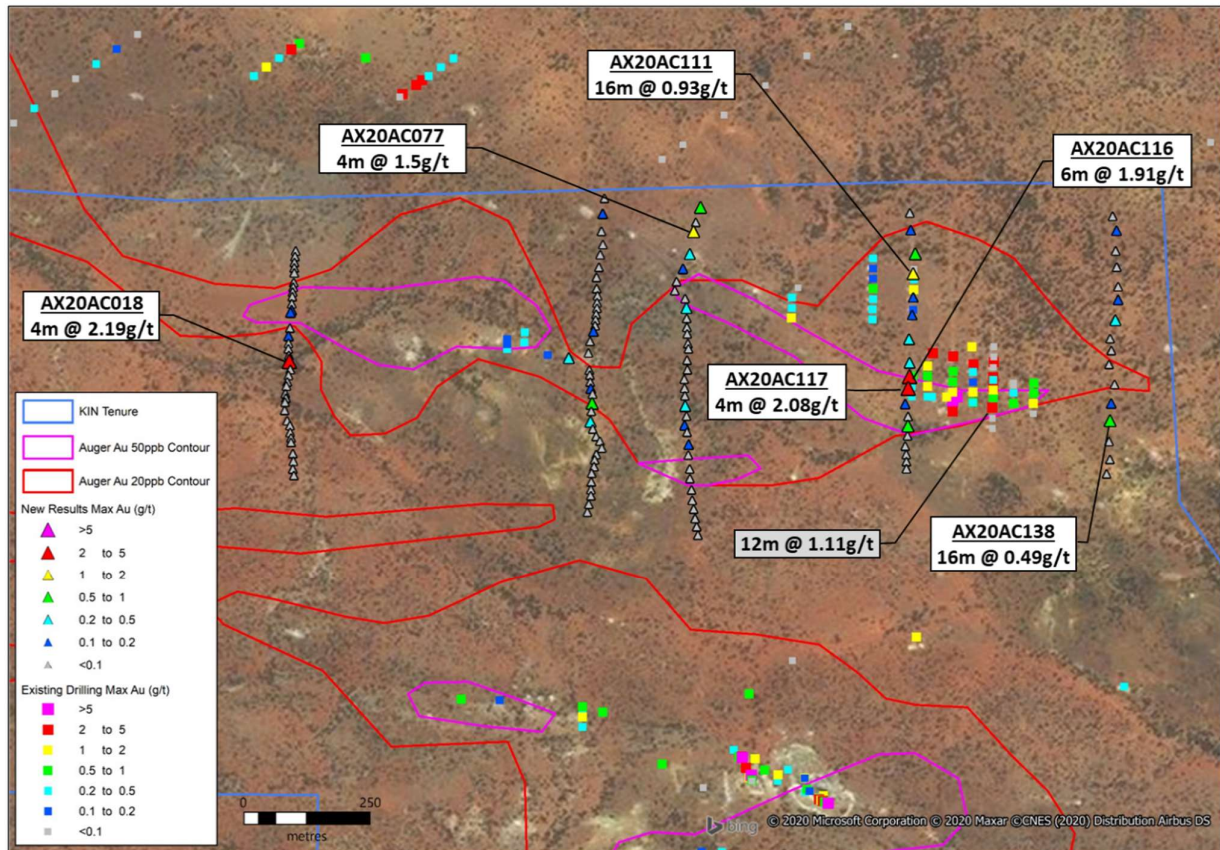
The Company has completed a 4,152m AC program on four lines at nominal 400m line spacing at Axford targeting strike extensions of the existing mineralisation and parallel zones of mineralisation highlighted in the 2020 soil geochemical program.

Significant results have been received from several lines at the target. Refer Table 1 and Figure 2.

Hole ID	From (m)	To (m)	Width (m)	Gold (g/t)	Comments
<b>AX20AC018</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>2.19</b>	
AX20AC053	12	15	3	0.47	
AX20AC059	20	24	4	0.62	
AX20AC075	16	20	4	0.53	
<b>AX20AC077</b>	<b>56</b>	<b>60</b>	<b>4</b>	<b>1.50</b>	
	76	81	5	0.73	
AX20AC110	28	32	4	0.97	
	72	80	8	0.55	
<b>AX20AC111</b>	<b>56</b>	<b>72</b>	<b>16</b>	<b>0.93</b>	
AX20AC114	76	80	4	0.49	
AX20AC115	32	36	4	0.46	
<b>AX20AC116</b>	<b>40</b>	<b>46</b>	<b>6</b>	<b>1.91</b>	
<b>AX20AC117</b>	<b>8</b>	<b>12</b>	<b>4</b>	<b>0.54</b>	
	<b>44</b>	<b>48</b>	<b>4</b>	<b>2.08</b>	
AX20AC120	12	16	4	0.69	
AX20AC132	12	16	4	0.43	
	60	64	4	0.45	
<b>AX20AC138</b>	<b>24</b>	<b>40</b>	<b>16</b>	<b>0.49</b>	

**Table 1:** Significant intercepts for the Axford prospect targeted with the air-core drilling program.





**Figure 2:** Location of the Axford target AC drilling program over soil geochemical contours. Historical drilling results at Axford were derived from Dominion Mining RAB and limited Kin Mining RC drilling.

### **Private Roberts and Dalziel Air-core Lines**

Air-core drilling was also conducted at the Private Roberts (3,058m) and Dalziel (4,215m) prospects.

The drilling targeted gold-in-soil anomalies delineated by the recent auger program (Figure 1). No significant AC drilling intercepts were generated from either target and the prospects have therefore been downgraded. No further work is currently planned at these prospects.

Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
Axford	AX20AC001	311797	6843566	435	180	-60	4
	AX20AC002	311796	6843554	435	180	-60	3
	AX20AC003	311795	6843543	434	180	-60	3
	AX20AC004	311795	6843532	433	180	-60	3
	AX20AC005	311795	6843523	432	180	-60	8
	AX20AC006	311794	6843503	432	180	-60	6
	AX20AC007	311793	6843494	431	180	-60	6
	AX20AC008	311792	6843485	431	180	-60	10
	AX20AC009	311792	6843476	432	180	-60	28
	AX20AC010	311791	6843462	431	180	-60	20
	AX20AC011	311791	6843449	430	180	-60	28
	AX20AC012	311788	6843444	426	180	-60	40

Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	AX20AC013	311788	6843414	428	180	-60	37
	AX20AC014	311786	6843398	427	180	-60	19
	AX20AC015	311786	6843384	428	180	-60	8
	AX20AC016	311785	6843373	427	180	-60	9
	AX20AC017	311787	6843360	428	180	-60	8
	AX20AC018	311788	6843347	429	180	-60	5
	AX20AC019	311790	6843333	429	180	-60	13
	AX20AC020	311787	6843321	430	180	-60	8
	AX20AC021	311785	6843308	431	180	-60	5
	AX20AC022	311783	6843300	431	180	-60	5
	AX20AC023	311781	6843285	432	180	-60	7
	AX20AC024	311782	6843277	433	180	-60	6
	AX20AC025	311781	6843268	433	180	-60	7
	AX20AC026	311780	6843252	434	180	-60	3
	AX20AC027	311785	6843232	436	180	-60	13
	AX20AC028	311791	6843223	436	180	-60	8
	AX20AC029	311792	6843209	436	180	-60	12
	AX20AC030	311793	6843198	436	180	-60	12
	AX20AC031	311794	6843190	437	180	-60	5
	AX20AC032	311798	6843168	437	180	-60	8
	AX20AC033	311799	6843153	438	180	-60	9
	AX20AC034	311798	6843137	438	180	-60	4
	AX20AC035	311800	6843125	440	180	-60	9
	AX20AC036	312404	6843678	444	180	-60	62
	AX20AC037	312401	6843648	443	180	-60	58
	AX20AC038	312399	6843614	447	180	-60	48
	AX20AC039	312402	6843588	446	180	-60	45
	AX20AC040	312398	6843568	449	180	-60	47
	AX20AC041	312395	6843543	447	180	-60	39
	AX20AC042	312391	6843523	447	180	-60	35
	AX20AC043	312392	6843501	445	180	-60	20
	AX20AC044	312393	6843487	444	180	-60	12
	AX20AC045	312393	6843474	445	180	-60	7
	AX20AC046	312393	6843463	444	180	-60	3
	AX20AC047	312391	6843451	444	180	-60	12
	AX20AC048	312390	6843440	445	180	-60	10
	AX20AC049	312390	6843428	445	180	-60	14
	AX20AC050	312386	6843417	443	180	-60	51
	AX20AC051	312380	6843397	443	180	-60	34
	AX20AC052	312377	6843375	444	180	-60	16
	AX20AC053	312339	6843363	444	180	-60	15
	AX20AC054	312380	6843341	445	180	-60	19
	AX20AC055	312381	6843331	445	180	-60	19
	AX20AC056	312382	6843317	445	180	-60	23
	AX20AC057	312383	6843305	446	180	-60	22
	AX20AC058	312387	6843294	446	180	-60	27
	AX20AC059	312387	6843275	446	180	-60	27
	AX20AC060	312385	6843260	447	180	-60	19

Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	AX20AC061	312384	6843239	448	180	-60	21
	AX20AC062	312388	6843225	449	180	-60	18
	AX20AC063	312395	6843211	449	180	-60	15
	AX20AC064	312403	6843202	451	180	-60	18
	AX20AC065	312407	6843188	451	180	-60	18
	AX20AC066	312396	6843176	453	180	-60	19
	AX20AC067	312393	6843165	454	180	-60	21
	AX20AC068	312392	6843152	456	180	-60	22
	AX20AC069	312387	6843139	457	180	-60	25
	AX20AC070	312387	6843122	458	180	-60	28
	AX20AC071	312387	6843106	459	180	-60	20
	AX20AC072	312387	6843094	460	180	-60	20
	AX20AC073	312383	6843078	459	180	-60	30
	AX20AC074	312380	6843062	460	180	-60	24
	AX20AC075	312594	6843663	447	180	-60	62
	AX20AC076	312585	6843634	449	180	-60	41
	AX20AC077	312581	6843615	448	180	-60	81
	AX20AC078	312574	6843572	450	180	-60	62
	AX20AC079	312561	6843543	450	180	-60	53
	AX20AC080	312549	6843517	448	180	-60	29
	AX20AC081	312546	6843500	448	180	-60	10
	AX20AC082	312566	6843484	449	180	-60	6
	AX20AC083	312570	6843466	447	180	-60	3
	AX20AC084	312570	6843446	446	180	-60	2
	AX20AC085	312571	6843428	445	180	-60	2
	AX20AC086	312572	6843415	445	180	-60	3
	AX20AC087	312573	6843396	443	180	-60	6
	AX20AC088	312575	6843386	442	180	-60	26
	AX20AC089	312572	6843363	441	180	-60	13
	AX20AC090	312573	6843345	443	180	-60	9
	AX20AC091	312567	6843326	443	180	-60	4
	AX20AC092	312568	6843309	443	180	-60	10
	AX20AC093	312569	6843294	444	180	-60	17
	AX20AC094	312570	6843273	441	180	-60	33
	AX20AC095	312573	6843254	443	180	-60	24
	AX20AC096	312569	6843235	445	180	-60	36
	AX20AC097	312574	6843222	449	180	-60	37
	AX20AC098	312578	6843198	452	180	-60	31
	AX20AC099	312578	6843177	445	180	-60	29
	AX20AC100	312581	6843150	446	180	-60	19
	AX20AC101	312582	6843131	450	180	-60	13
	AX20AC102	312585	6843109	454	180	-60	10
	AX20AC103	312587	6843089	449	180	-60	3
	AX20AC104	312590	6843071	453	180	-60	3
	AX20AC105	312593	6843053	450	180	-60	6
	AX20AC106	312599	6843020	453	180	-60	6
	AX20AC107	312596	6843037	450	180	-60	3
	AX20AC108	313007	6843660	445	180	-60	54

Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	AX20AC109	313009	6843626	440	180	-60	90
	AX20AC110	313019	6843579	448	180	-60	88
	AX20AC111	313016	6843540	448	180	-60	96
	AX20AC112	313016	6843494	450	180	-60	71
	AX20AC113	313015	6843459	450	180	-60	93
	AX20AC114	313009	6843411	450	180	-60	87
	AX20AC115	313011	6843365	449	180	-60	57
	AX20AC116	313011	6843337	450	180	-60	46
	AX20AC117	313009	6843314	447	180	-60	63
	AX20AC118	313004	6843284	451	180	-60	42
	AX20AC119	313010	6843260	450	180	-60	40
	AX20AC120	313010	6843241	443	180	-60	32
	AX20AC121	313009	6843222	447	180	-60	27
	AX20AC122	313005	6843202	447	180	-60	40
	AX20AC123	313008	6843185	443	180	-60	26
	AX20AC124	313008	6843171	439	180	-60	29
	AX20AC125	313008	6843157	442	180	-60	33
	AX20AC126	313407	6843660	439	180	-60	67
	AX20AC127	313415	6843631	441	180	-60	76
	AX20AC128	313414	6843592	443	180	-60	65
	AX20AC129	313417	6843560	442	180	-60	75
	AX20AC130	313420	6843521	458	180	-60	70
	AX20AC131	313421	6843495	450	180	-60	64
	AX20AC132	313416	6843455	448	180	-60	68
	AX20AC133	313406	6843419	448	180	-60	58
	AX20AC134	313409	6843396	453	180	-60	54
	AX20AC135	313405	6843368	427	180	-60	76
	AX20AC136	313416	6843329	452	180	-60	80
	AX20AC137	313410	6843292	453	180	-60	62
	AX20AC138	313409	6843257	443	180	-60	77
	AX20AC139	313407	6843217	452	180	-60	68
	AX20AC140	313409	6843182	453	180	-60	41
	AX20AC141	313403	6843153	452	180	-60	83
Dalziel	DZ20AC001	312002	6841950	429	180	-60	15
	DZ20AC002	311999	6841938	429	180	-60	10
	DZ20AC003	311995	6841927	429	180	-60	11
	DZ20AC004	311991	6841915	429	180	-60	14
	DZ20AC005	311987	6841901	428	180	-60	8
	DZ20AC006	311985	6841889	428	180	-60	12
	DZ20AC007	311982	6841873	427	180	-60	14
	DZ20AC008	311982	6841861	426	180	-60	17
	DZ20AC009	311982	6841844	425	180	-60	16
	DZ20AC010	311984	6841832	426	180	-60	21
	DZ20AC011	311985	6841820	426	180	-60	19
	DZ20AC012	311986	6841809	425	180	-60	22
	DZ20AC013	311989	6841795	425	180	-60	26
	DZ20AC014	311991	6841778	424	180	-60	31
	DZ20AC015	311994	6841758	424	180	-60	27



Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	DZ20AC016	311995	6841740	424	180	-60	29
	DZ20AC017	311995	6841716	424	180	-60	35
	DZ20AC018	311998	6841693	426	180	-60	40
	DZ20AC019	312002	6841667	422	180	-60	43
	DZ20AC020	312007	6841632	425	180	-60	45
	DZ20AC021	312006	6841603	428	180	-60	49
	DZ20AC022	312002	6841571	428	180	-60	47
	DZ20AC023	312003	6841542	425	180	-60	30
	DZ20AC024	312003	6841522	428	180	-60	46
	DZ20AC025	312003	6841495	425	180	-60	45
	DZ20AC026	312004	6841465	424	180	-60	41
	DZ20AC027	312003	6841437	426	180	-60	34
	DZ20AC028	312002	6841416	422	180	-60	39
	DZ20AC029	312002	6841391	426	180	-60	30
	DZ20AC030	312003	6841368	422	180	-60	45
	DZ20AC031	312003	6841343	423	180	-60	41
	DZ20AC032	312200	6842126	430	180	-60	7
	DZ20AC033	312201	6842104	431	180	-60	7
	DZ20AC034	312205	6842082	430	180	-60	4
	DZ20AC035	312221	6842071	430	180	-60	6
	DZ20AC036	312221	6842047	430	180	-60	19
	DZ20AC037	312220	6842034	429	180	-60	16
	DZ20AC038	312231	6842017	429	180	-60	19
	DZ20AC039	312231	6841997	429	180	-60	19
	DZ20AC040	312213	6841985	429	180	-60	17
	DZ20AC041	312215	6841962	428	180	-60	8
	DZ20AC042	312221	6841942	427	180	-60	23
	DZ20AC043	312228	6841915	427	180	-60	34
	DZ20AC044	312234	6841892	426	180	-60	35
	DZ20AC045	312235	6841871	427	180	-60	30
	DZ20AC046	312237	6841850	427	180	-60	30
	DZ20AC047	312246	6841817	428	180	-60	44
	DZ20AC048	312243	6841792	428	180	-60	41
	DZ20AC049	312243	6841769	428	180	-60	45
	DZ20AC050	312243	6841745	429	180	-60	47
	DZ20AC051	312242	6841720	425	180	-60	27
	DZ20AC052	312242	6841697	426	180	-60	31
	DZ20AC053	312241	6841674	425	180	-60	39
	DZ20AC054	312240	6841655	425	180	-60	40
	DZ20AC055	312240	6841634	424	180	-60	36
	DZ20AC056	312239	6841611	424	180	-60	28
	DZ20AC057	312237	6841596	424	180	-60	31
	DZ20AC058	312236	6841572	423	180	-60	44
	DZ20AC059	312235	6841548	423	180	-60	49
	DZ20AC060	312235	6841516	422	185	-60	45
	DZ20AC061	312229	6841488	422	185	-60	38
	DZ20AC062	312223	6841467	422	180	-60	36
	DZ20AC063	312217	6841450	422	180	-60	34



Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	DZ20AC064	312213	6841427	420	180	-60	35
	DZ20AC065	312208	6841408	422	180	-60	39
	DZ20AC066	312202	6841386	420	180	-60	38
	DZ20AC067	312199	6841365	419	180	-60	40
	DZ20AC068	312197	6841345	423	180	-60	41
	DZ20AC069	312403	6842129	426	180	-60	13
	DZ20AC070	312399	6842111	428	180	-60	11
	DZ20AC071	312394	6842096	429	180	-60	9
	DZ20AC072	312390	6842079	429	180	-60	19
	DZ20AC073	312384	6842059	428	180	-60	36
	DZ20AC074	312377	6842039	427	180	-60	40
	DZ20AC075	312370	6842015	428	190	-60	35
	DZ20AC076	312366	6841996	427	180	-60	32
	DZ20AC077	312362	6841978	428	180	-60	35
	DZ20AC078	312362	6841953	427	180	-60	35
	DZ20AC079	312361	6841936	425	180	-60	33
	DZ20AC080	312362	6841920	426	180	-60	37
	DZ20AC081	312362	6841899	428	180	-60	31
	DZ20AC082	312363	6841884	428	180	-60	42
	DZ20AC083	312362	6841862	427	180	-60	44
	DZ20AC084	312362	6841837	426	180	-60	32
	DZ20AC085	312362	6841817	425	180	-60	46
	DZ20AC086	312364	6841785	422	180	-60	41
	DZ20AC087	312364	6841758	422	180	-60	48
	DZ20AC088	312366	6841726	428	180	-60	37
	DZ20AC089	312367	6841701	425	180	-60	35
	DZ20AC090	312368	6841677	425	180	-60	31
	DZ20AC091	312368	6841658	424	180	-60	40
	DZ20AC092	312368	6841635	423	180	-60	36
	DZ20AC093	312370	6841608	423	180	-60	35
	DZ20AC094	312372	6841586	422	180	-60	30
	DZ20AC095	312375	6841561	429	180	-60	31
	DZ20AC096	312376	6841539	427	180	-60	30
	DZ20AC097	312378	6841512	425	180	-60	25
	DZ20AC098	312381	6841482	425	180	-60	27
	DZ20AC099	312383	6841456	424	180	-60	32
	DZ20AC100	312386	6841436	424	180	-60	33
	DZ20AC101	312387	6841415	423	180	-60	37
	DZ20AC102	312388	6841391	423	180	-60	42
	DZ20AC103	312394	6841369	424	180	-60	41
	DZ20AC104	312397	6841343	421	180	-60	39
	DZ20AC105	312603	6841954	436	180	-60	37
	DZ20AC106	312602	6841929	431	180	-60	45
	DZ20AC107	312603	6841895	430	180	-60	48
	DZ20AC108	312608	6841865	423	180	-60	48
	DZ20AC109	312609	6841838	424	180	-60	44
	DZ20AC110	312612	6841814	424	180	-60	51
	DZ20AC111	312612	6841786	417	180	-60	51

Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	DZ20AC112	312611	6841755	422	180	-60	51
	DZ20AC113	312610	6841726	423	180	-60	48
	DZ20AC114	312609	6841697	424	180	-60	44
	DZ20AC115	312609	6841670	424	180	-60	49
	DZ20AC116	312608	6841640	424	180	-60	46
	DZ20AC117	312605	6841612	423	180	-60	43
	DZ20AC118	312600	6841584	424	180	-60	42
	DZ20AC119	312594	6841558	424	180	-60	41
	DZ20AC120	312594	6841534	413	180	-60	36
	DZ20AC121	312593	6841509	417	180	-60	33
	DZ20AC122	312591	6841488	422	180	-60	33
	DZ20AC123	312593	6841471	423	180	-60	33
	DZ20AC124	312595	6841445	424	180	-60	30
	DZ20AC125	312594	6841423	421	180	-60	32
	DZ20AC126	312593	6841403	420	180	-60	11
	DZ20AC127	312593	6841383	420	180	-60	32
	DZ20AC128	312589	6841363	420	180	-60	31
	DZ20AC129	312589	6841346	422	180	-60	32
Private Roberts	PR20AC001	309001	6844603	408	165	-60	42
	PR20AC002	309005	6844578	409	170	-60	27
	PR20AC003	309005	6844566	412	170	-60	22
	PR20AC004	309007	6844554	412	170	-60	13
	PR20AC005	309009	6844550	413	170	-60	9
	PR20AC006	309015	6844536	414	170	-60	7
	PR20AC007	309016	6844525	415	170	-60	4
	PR20AC008	309018	6844515	415	170	-60	8
	PR20AC009	309024	6844504	416	175	-60	3
	PR20AC010	309024	6844494	417	175	-60	33
	PR20AC011	309026	6844478	416	175	-60	37
	PR20AC012	309030	6844459	417	170	-60	9
	PR20AC013	309036	6844447	417	175	-60	13
	PR20AC014	309039	6844431	420	175	-60	32
	PR20AC015	309042	6844420	426	175	-60	33
	PR20AC016	309043	6844405	426	175	-60	40
	PR20AC017	309047	6844388	427	170	-60	15
	PR20AC018	309048	6844375	428	170	-60	15
	PR20AC019	309049	6844368	428	175	-60	33
	PR20AC020	309054	6844347	428	175	-60	27
	PR20AC021	309056	6844331	428	175	-60	15
	PR20AC022	309057	6844316	429	190	-60	8
	PR20AC023	309053	6844307	429	190	-60	32
	PR20AC024	309044	6844296	429	180	-60	28
	PR20AC025	309037	6844281	429	180	-60	32
	PR20AC026	309032	6844270	432	180	-60	29
	PR20AC027	309024	6844261	432	180	-60	18
	PR20AC028	309027	6844251	432	180	-60	6
	PR20AC029	309022	6844238	433	180	-60	14
	PR20AC030	309012	6844214	432	180	-60	7

Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	PR20AC031	309403	6844881	427	180	-60	17
	PR20AC032	309401	6844869	427	180	-60	9
	PR20AC033	309400	6844859	426	180	-60	13
	PR20AC034	309399	6844849	427	180	-60	5
	PR20AC035	309398	6844839	427	180	-60	6
	PR20AC036	309397	6844828	427	180	-60	3
	PR20AC037	309396	6844818	427	180	-60	8
	PR20AC038	309394	6844807	427	180	-60	5
	PR20AC039	309393	6844797	426	180	-60	6
	PR20ac040	309392	6844786	427	180	-60	5
	PR20AC041	309392	6844776	427	180	-60	3
	PR20AC042	309390	6844766	428	180	-60	3
	PR20AC043	309389	6844755	426	180	-60	3
	PR20AC044	309388	6844746	428	180	-60	3
	PR20AC045	309387	6844735	426	180	-60	12
	PR20AC046	309386	6844724	427	180	-60	18
	PR20AC047	309385	6844715	426	180	-60	15
	PR20AC048	309382	6844703	427	180	-60	21
	PR20AC049	309381	6844691	427	180	-60	21
	PR20AC050	309380	6844679	428	180	-60	11
	PR20AC051	309380	6844667	428	180	-60	4
	PR20AC052	309380	6844654	428	180	-60	7
	PR20AC053	309378	6844644	428	180	-60	31
	PR20AC054	309390	6844629	429	180	-60	22
	PR20AC055	309404	6844612	429	180	-60	18
	PR20AC056	309366	6844580	429	180	-60	9
	PR20AC057	309361	6844568	429	180	-60	12
	PR20AC058	309357	6844555	430	180	-60	6
	PR20AC059	309354	6844543	429	180	-60	4
	PR20AC060	309356	6844525	430	180	-60	9
	PR20AC061	309354	6844509	429	180	-60	7
	PR20AC062	309353	6844492	428	180	-60	6
	PR20AC063	309355	6844475	428	180	-60	3
	PR20AC064	309356	6844457	428	180	-60	4
	PR20AC065	309358	6844443	429	180	-60	6
	PR20AC066	309357	6844424	427	180	-60	39
	PR20AC067	309358	6844404	427	180	-60	18
	PR20AC068	309358	6844389	427	180	-60	9
	PR20AC069	309358	6844372	428	180	-60	20
	PR20AC070	309358	6844357	427	180	-60	34
	PR20AC071	309360	6844342	428	180	-60	25
	PR20AC072	309356	6844324	428	180	-60	15
	PR20AC073	309360	6844307	428	180	-60	7
	PR20AC074	309362	6844274	429	180	-60	33
	PR20AC075	309366	6844255	429	180	-60	30
	PR20AC076	309367	6844239	429	180	-60	3
	PR20AC077	309370	6844224	429	180	-60	7
	PR20AC078	309368	6844207	429	180	-60	13

Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	PR20AC079	309373	6844191	431	180	-60	5
	PR20AC080	309376	6844174	431	180	-60	6
	PR20AC081	309375	6844152	436	180	-60	14
	PR20AC082	309373	6844133	436	180	-60	8
	PR20AC083	309373	6844119	435	180	-60	12
	PR20AC084	309372	6844104	436	180	-60	12
	PR20AC085	309371	6844089	436	180	-60	12
	PR20AC086	309372	6844072	436	180	-60	15
	PR20AC087	309373	6844056	437	180	-60	18
	PR20AC088	309367	6844041	436	180	-60	11
	PR20AC089	309364	6844025	436	180	-60	12
	PR20AC090	309366	6844009	436	180	-60	7
	PR20AC091	309365	6843993	436	180	-60	7
	PR20AC092	309372	6843976	429	180	-60	15
	PR20AC093	309372	6843961	429	180	-60	14
	PR20AC094	309371	6843946	430	180	-60	33
	PR20AC095	309375	6843928	431	180	-60	28
	PR20AC096	309378	6843916	431	180	-60	24
	PR20AC097	309804	6844765	428	180	-60	3
	PR20AC098	309807	6844748	426	180	-60	6
	PR20AC099	309799	6844732	426	180	-60	4
	PR20AC100	309798	6844717	416	180	-60	3
	PR20AC101	309794	6844700	420	180	-60	4
	PR20AC102	309793	6844682	421	180	-60	3
	PR20AC103	309793	6844663	422	180	-60	3
	PR20AC104	309795	6844642	427	180	-60	5
	PR20AC105	309797	6844627	424	180	-60	4
	PR20AC106	309798	6844611	423	180	-60	6
	PR20AC107	309801	6844592	423	180	-60	4
	PR20AC108	309800	6844577	423	180	-60	16
	PR20AC109	309800	6844560	423	180	-60	6
	PR20AC110	309801	6844543	422	180	-60	3
	PR20AC111	309803	6844527	422	180	-60	14
	PR20AC112	309806	6844512	421	180	-60	7
	PR20AC113	309809	6844494	421	180	-60	23
	PR20AC114	309810	6844479	422	180	-60	13
	PR20AC115	309812	6844463	421	180	-60	43
	PR20AC116	309815	6844441	421	180	-60	27
	PR20AC117	309817	6844424	420	180	-60	12
	PR20AC118	309818	6844410	421	180	-60	3
	PR20AC119	309820	6844394	420	180	-60	4
	PR20AC120	309826	6844373	424	180	-60	3
	PR20AC121	309826	6844361	427	180	-60	2
	PR20AC122	309826	6844345	425	180	-60	7
	PR20AC123	309828	6844327	423	180	-60	7
	PR20AC124	309831	6844308	425	180	-60	3
	PR20AC125	309830	6844294	425	180	-60	1
	PR20AC126	309829	6844280	424	180	-60	1



Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	PR20AC127	309784	6844261	422	180	-60	21
	PR20AC128	309790	6844250	422	180	-60	12
	PR20AC129	309815	6844218	423	180	-60	9
	PR20AC130	309811	6844202	423	180	-60	22
	PR20AC131	309808	6844191	423	180	-60	12
	PR20AC132	309806	6844171	423	180	-60	11
	PR20AC133	309804	6844157	421	180	-60	3
	PR20AC134	309803	6844143	421	180	-60	35
	PR20AC135	309803	6844129	421	180	-60	33
	PR20AC136	309802	6844113	421	180	-60	35
	PR20AC137	309800	6844095	421	180	-60	13
	PR20AC138	309802	6844079	420	180	-60	34
	PR20AC139	309795	6844062	421	180	-60	30
	PR20AC140	309795	6844041	420	180	-60	21
	PR20AC141	309795	6844027	420	180	-60	14
	PR20AC142	309792	6844008	420	180	-60	34
	PR20AC143	309789	6843985	421	180	-60	33
	PR20AC144	309793	6843967	419	180	-60	33
	PR20AC145	309789	6843955	420	180	-60	19
	PR20AC146	309787	6843937	421	180	-60	4
	PR20AC147	309786	6843920	421	180	-60	21
	PR20AC148	309787	6843905	421	180	-60	27
	PR20AC149	309787	6843889	421	180	-60	15
	PR20AC150	309790	6843872	421	180	-60	14
	PR20AC151	309791	6843862	421	180	-60	6
	PR20AC152	309797	6843842	420	180	-60	10
	PR20AC153	309802	6843827	419	180	-60	6
	PR20AC154	310207	6844515	429	180	-60	28
	PR20AC155	310205	6844498	428	180	-60	22
	PR20AC156	310204	6844483	427	180	-60	16
	PR20AC157	310198	6844462	424	180	-60	12
	PR20AC158	310195	6844447	422	180	-60	5
	PR20AC159	310193	6844431	423	180	-60	6
	PR20AC160	310192	6844419	422	180	-60	11
	PR20AC161	310190	6844403	423	180	-60	14
	PR20AC162	310188	6844389	422	180	-60	9
	PR20AC163	310185	6844372	422	180	-60	38
	PR20AC164	310184	6844358	422	180	-60	33
	PR20AC165	310183	6844339	422	180	-60	21
	PR20AC166	310182	6844325	422	180	-60	20
	PR20AC167	310181	6844308	421	180	-60	14
	PR20AC168	310181	6844293	421	180	-60	36
	PR20AC169	310180	6844271	421	180	-60	9
	PR20AC170	310182	6844258	421	180	-60	9
	PR20AC171	310181	6844236	421	180	-60	3
	PR20AC172	310182	6844220	419	180	-60	9
	PR20AC173	310181	6844201	420	180	-60	6
	PR20AC174	310180	6844185	421	180	-60	15

Project	Hole Id	Easting	Northing	RL	Azimuth	Dip	Depth
	PR20AC175	310177	6844169	419	180	-60	15
	PR20AC176	310172	6844153	419	180	-60	30
	PR20AC177	310172	6844140	419	180	-60	22
	PR20AC178	310178	6844124	419	180	-60	15
	PR20AC179	310187	6844111	420	180	-60	30
	PR20AC180	310196	6844095	420	180	-60	12
	PR20AC181	310198	6844078	420	180	-60	36
	PR20AC182	310183	6844064	420	180	-60	10
	PR20AC183	310186	6844050	420	180	-60	15
	PR20AC184	310188	6844034	420	180	-60	21
	PR20AC185	310191	6844020	420	180	-60	12
	PR20AC186	310193	6844004	419	180	-60	7
	PR20AC187	310195	6843990	421	180	-60	4
	PR20AC188	310198	6843974	421	180	-60	16
	PR20AC189	310200	6843959	422	180	-60	14
	PR20AC190	310201	6843942	422	180	-60	37
	PR20AC191	310204	6843926	423	180	-60	35
	PR20AC192	310209	6843907	422	180	-60	25
	PR20AC193	310226	6843887	423	180	-60	21
	PR20AC194	310219	6843871	422	180	-60	22
	PR20AC195	310218	6843856	422	180	-60	13
	PR20AC196	310216	6843834	421	180	-60	19
	PR20AC197	310214	6843817	421	180	-60	18
	PR20AC198	310211	6843802	421	180	-60	28
	PR20AC199	310210	6843784	422	180	-60	26

**Table 2: Drill-hole details for the AC drilling conducted at the Iron King prospect**

**-ENDS-**

*Authorised for release by the Board of Directors*

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## ABOUT KIN MINING NL

Kin Mining NL (ASX: KIN) is a West Australian based gold development and exploration company. Kin's key focus is its 100% owned Cardinia Gold Project (CGP) located in the highly prospective North-Eastern Goldfields region of Western Australia. The CGP has a 1154koz gold Mineral Resource (see Table A1) defined in both oxide and deeper primary mineralisation with considerable potential to grow this resource with further drilling.

**Table A1. Mineral Resource Estimate Table December 2020<sup>1</sup>**

Cardinia Gold Project: Mineral Resources: December 2020															
Project Area	Resource Gold Price (AUD)	Lower Cut off (g/t Au)	Measured Resources			Indicated Resources			Inferred Resources			Total Resources			Date Announced
			Tonnes (Mt)	Au (g/t Au)	Au (k Oz)	Tonnes (Mt)	Au (g/t Au)	Au (k Oz)	Tonnes (Mt)	Au (g/t Au)	Au (k Oz)	Tonnes (Mt)	Au (g/t Au)	Au (k Oz)	
Mertondale															
Mertons Reward	\$2,600	0.4				0.9	2.17	66	1.9	0.65	41	2.9	1.15	106	26-Nov-20
Mertondale 3-4	\$2,600	0.4				1.4	1.85	81	1.0	0.97	31	2.3	1.48	111	26-Nov-20
Tonto	\$2,600	0.4				1.8	1.14	67	1.1	1.24	43	2.9	1.18	111	26-Nov-20
Mertondale 5	\$2,600	0.4				0.5	1.67	26	0.8	1.24	32	1.3	1.40	59	26-Nov-20
Eclipse	\$2,600	0.4							0.6	1.01	19	0.6	1.01	19	26-Nov-20
Quicksilver	\$2,600	0.4							1.1	1.10	39	1.1	1.10	39	26-Nov-20
Subtotal Mertondale						4.6	1.61	240	6.5	0.98	205	11.1	1.24	445	
Cardinia															
Bruno	\$2,600	0.4				1.2	0.89	35	2.6	1.17	96	3.8	1.08	132	26-Nov-20
Lewis	\$2,600	0.4	0.4	0.98	13	4.8	0.85	131	1.5	1.00	48	6.3	0.89	179	26-Nov-20
Kyte	\$2,600	0.4				0.3	1.53	17	0.1	0.92	3	0.4	1.38	20	26-Nov-20
Helens	\$2,600	0.4				0.7	2.14	50	0.3	1.94	19	1.0	2.08	69	26-Nov-20
Fiona	\$2,600	0.4				0.6	1.35	25	0.2	1.21	8	0.8	1.32	32	26-Nov-20
Rangoon	\$2,600	0.4				0.5	1.24	21	0.3	1.07	12	0.9	1.17	32	26-Nov-20
Hobby *	\$2,000	0.5							0.1	2.10	8	0.1	2.10	8	14-Feb-20
Cardinia Hill **	\$2,600	0.4							1.2	1.66	61	1.2	1.66	61	18-Dec-20
Subtotal Cardinia			0.4	0.98	13	8.2	1.06	279	6.3	1.26	255	14.5	1.15	534	
Raeside															
Michaelangelo	\$2,600	0.4				1.1	2.00	73	0.4	2.19	25	1.5	2.04	98	26-Nov-20
Leonardo	\$2,600	0.4				0.4	2.39	30	0.2	2.20	14	0.6	2.32	44	26-Nov-20
Forgotten Four	\$2,600	0.4				0.1	2.09	7	0.1	1.96	6	0.2	2.03	14	26-Nov-20
Krang	\$2,600	0.4				0.3	1.74	17	0.0	2.59	2	0.3	1.80	19	26-Nov-20
Subtotal Raeside						2.0	2.04	128	0.7	2.17	47	2.6	2.07	175	
TOTAL			0.4	0.98	13	14.8	1.36	647	13.4	1.17	507	28.2	1.27	1154	

**Table 1: Mineral Resource Estimate Table December 2020.** Mineral Resources estimated by Jamie Logan, and reported in accordance with JORC 2012 using a 0.4g/t Au cut-off within AUD2,600 optimisation shells. Note \* Hobby was not re-optimised as part of this MRE and is still reported at the lower gold price and higher cut-off grade. Note \*\* Cardinia Hill Mineral Resource Estimate completed by Cube Consulting.

<sup>1</sup>The company confirms that it is not aware of any new information or data that materially affects the information included in the ASX Announcement of 22 December 2020 "Cardinia Gold Project Mineral Resource Increased to 1.15Moz", and that all material assumptions and technical parameters underpinning the estimates in that announcements continue to apply and have not materially changed.

## COMPETENT PERSON'S STATEMENT

The information contained in this report relating to exploration results relates to information compiled or reviewed by Glenn Grayson. Mr. Grayson is a member of the Australasian Institute of Mining and Metallurgy and is a full-time employee of the company. Mr. Grayson has sufficient experience of relevance to the styles of mineralisation and the types of deposit under consideration, and to the activities undertaken to qualify as a Competent Person as defined in the 2012 edition of the JORC "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves".

Mr. Grayson consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

## Appendix A

### JORC 2012 TABLE 1 REPORT

### Iron King Project - Section 1 & 2

#### Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<p><i>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></p> <p><i>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 30g charge for fire assay’). In other</i></p>	<p><u>RC</u></p> <p>Historic reverse circulation (RC) drill samples were collected over 1m downhole intervals beneath a cyclone and typically riffle split to obtain a sub-sample (typically 3-4kg). 1m sub-samples were typically collected in pre-numbered calico bags and 1m sample rejects were commonly stored at the drill site. 3m or 4m composited interval samples were often collected by using a scoop (dry samples) or spear (wet samples). If composite samples returned anomalous results once assayed, the single metre sub-samples of the anomalous composite intervals were retrieved and submitted for individual gold analysis.</p> <p><u>AC/RAB</u></p> <p>Historic air core (AC) and rotary air blast (RAB) were typically collected at 1 metre intervals and placed on the ground with 3-4kg sub-samples collected using a scoop or spear. Three metre or four metre composited interval samples were often collected by using a scoop (dry samples) or spear (wet samples). If composite samples returned anomalous results once assayed, the single metre sub-samples of the anomalous composite intervals were retrieved and submitted for individual gold analysis. Recent AC drilling followed a similar procedure with 4m composite samples taken. No 1m split samples were collected for 2020 AC drilling.</p> <p><u>Assay Methodology</u></p> <p>Historic sample analysis typically included a number of commercial laboratories with preparation as per the following method, oven drying (90-110°C), crushing (&lt;2mm to &lt;6mm), pulverizing (&lt;75µm to &lt;105µm), and riffle split to obtain a 30, 40, or 50gram catchweight for gold analysis. Fire Assay fusion, with AAS finish was the common method of analysis however, on occasion, initial assaying may have been carried out via Aqua Regia digest and AAS/ICP finish. Anomalous samples were subsequently re-assayed by Fire Assay fusion and AAS/ICP finish.</p> <p>Recent sample analysis typically included oven drying (105-110°C), crushing (&lt;6mm &amp; &lt;2mm), pulverising (P90% &lt;75µm) and sample splitting to a representative 50gram catchweight sample for gold only analysis using Fire Assay fusion with AAS finish.</p> <p>Multi element analysis was also conducted on a bottom-of-hole sample for every hole. This was sieved and washed in the field to provide a representative sample of the rock. Assaying was conducted via a 4-acid digest with ICP-MS/OES determination for a 48 element suite.</p>



Criteria	JORC Code explanation	Commentary
	<i>cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</i>	<p><u>Auger</u></p> <p>All auger samples were collected via a specialist auger drilling rig. 0.5m samples were tested with acid for carbonate content with the highest reacting sample submitted to the lab. This was assayed via aqua regia for a 26 element suite.</p> <p>All recent drilling, sample collection and sample handling procedures were conducted and/or supervised by KIN geology personnel to high level industry standards. QA/QC procedures were implemented during each drilling program to industry standards.</p>
<b>Drilling techniques</b>	<i>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).</i>	<p><u>RC</u></p> <p>Historic RC drilling typically used conventional reverse circulation drilling techniques, utilising a cross-over sub, or face-sampling hammers with bit shrouds. Drill bit sizes typically ranged between 110-140mm.</p> <p><u>AC/RAB</u></p> <p>Historic AC drilling was conducted utilising suitable rigs with appropriate compressors (eg 250psi/600cfm). AC holes were drilled using 'blade' or 'wing' bits, until the bit was unable to penetrate ('blade refusal'), often near the fresh rock interface. Hammer bits were used only when it was deemed necessary to penetrate further into the fresh rock profile or through notable "hard boundaries" in the regolith profile. No downhole surveying is noted to have been undertaken on AC drillholes.</p> <p>Historic RAB drilling was carried out using small air compressors (eg 250psi/600cfm) and drill rods fitted with a percussion hammer or blade bit, with the sample return collected at the drillhole collar using a stuffing box and cyclone collection techniques. Drillhole sizes generally range between 75-110mm. No downhole surveying is noted to have been undertaken on RAB drillholes.</p> <p>2020 AC drilling</p>
<b>Drill sample recovery</b>	<p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p> <p><i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i></p>	<p><u>RC/AC/RAB</u></p> <p>Historic sample recovery information for RC, AC, and RAB drilling is limited.</p> <p>Recent AC drilling sample recovery is constantly monitored and samples are preserved as best as possible during the drilling process. Sample recovery is recorded by KIN staff during sampling.</p>
<b>Logging</b>	<i>Whether core and chip samples have been geologically and geotechnically</i>	Logging data coded in the database, prior to 2018, illustrates numerous different lithological code systems, a legacy of numerous past operators. Correlation between codes is difficult to establish however, based on historical reports, drill hole logging procedures

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	<p><i>logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p>	<p>appear consistent with normal industry practices of the time.</p> <p><u>RC/AC/RAB</u></p> <p>Historical RC, AC, and RAB logging was entered on a metre by metre basis. Logging consisted of lithology, alteration, texture, mineralisation, weathering, and other features</p> <p>For the majority of historical drilling the entire length of each drillhole have been logged from surface to 'end of hole'.</p> <p>KIN RC logging of was carried out in the field and logging has predominantly been undertaken on a metre by metre basis. KIN logging is inclusive of the entire length of each AC drillhole from surface to 'end of hole'.</p> <p>Recorded data includes lithology, alteration, structure, texture, mineralisation, sulphide content, weathering and other features. Drillhole collar coordinates, azimuth, dip, depth and sampling intervals are also recorded.</p> <p>Qualitative logging includes classification and description of lithology, weathering, oxidation, colour, texture and grain size. Quantitative logging includes identification and percentages of mineralogy, sulphides, mineralisation, and veining.</p> <p>All information collected is entered directly into laptop computers or tablets, validated in the field, and then transferred to the database.</p> <p>The level of logging detail is considered appropriate for exploration and to support appropriate mineral resource estimation, mining studies, and metallurgical studies.</p>
<p><b>Sub-sampling techniques and sample preparation</b></p>	<p><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></p> <p><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></p> <p><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></p> <p><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></p> <p><i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half</i></p>	<p><u>RC/AC/RAB</u></p> <p>Historic sampling was predominantly conducted by collecting 1m samples from beneath a cyclone and either retaining these primary samples or passing through a riffle splitter to obtain a 3-4kg sub-sample for analysis. First pass sampling often involved collecting composite samples by using a scoop (dry samples) or spear/tube (wet samples) to obtain 3m or 4m composited intervals, with the single metre split samples being retained at the drill site as spoil or in sample bags. If composite sample assays returned anomalous results, the single metre samples for this composite were retrieved and submitted for analysis. RC/AC/RAB sampling procedures are believed to be consistent with the normal industry practices at the time.</p> <p>Samples obtained from conventional RC drilling techniques with cross-over subs often suffered from down hole contamination, especially beneath the water table. Samples obtained from RC drilling techniques using the face sampling hammer suffered less from down hole contamination and were more likely to be kept dry beneath the water table, particularly if auxiliary and booster air compressors were used. These samples are considered to be representative.</p> <p>The vast majority of Reverse Circulation (RC) drill samples were collected at 1m downhole intervals from beneath a cyclone and then riffle split to obtain a sub-sample (typically 3-4kg). After splitting, 1m sub-samples were typically collected in pre-numbered calico bags, and the 1m sample rejects were commonly stored at the drill site in marked plastic bags, for future reference. First pass sampling often involved collecting composite samples by using a scoop (dry samples) or spear/tube (wet samples) to obtain 3m or 4m composited intervals, with the single metre split sub-samples being retained at the drill site. If the composite sample assays returned anomalous results, single metre sub-samples for the anomalous composite intervals were retrieved and submitted for analysis.</p>

Criteria	• JORC Code explanation	Commentary
	<p><i>sampling.</i></p> <p><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></p>	<p>Recent AC sub-samples were collected as 4m composite sample using a scoop, taken from ground piles of 1m intervals after passing through a cyclone. The majority of AC sub-samples consistently averaged 2.5-4kg.</p> <p>KIN AC drill programs utilise field duplicates, at regular intervals at a ratio of 1:25, and assay results indicate that there is reasonable analytical repeatability; considering the presence of nuggety gold.</p> <p>All sub-sampling techniques and sample preparation procedures conducted and/or supervised by KIN geology personnel are to standard industry practice. Sub-sampling and sample preparation techniques used are considered to maximise representivity of drilled material. QA/QC procedures implemented during each drilling program are to industry standard practice.</p> <p>Samples sizes are considered appropriate for this style of gold mineralisation and as an industry accepted method for evaluation of gold deposits in the Eastern Goldfields of Western Australia.</p>
<p><b>Quality of assay data and laboratory tests</b></p>	<p><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></p> <p><i>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i></p> <p><i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i></p>	<p>Numerous assay laboratories and various sample preparation and assay techniques have been used. Historical reporting and descriptions of laboratory sample preparation, assaying procedures, and quality control protocols for the samples from the various drilling programs are variable in their descriptions and completeness.</p> <p>Limited information is available regarding check assays for drilling programs prior to 2004.</p> <p>KIN sample analysis from 2014 to 2018 was conducted by SGS Australia Pty Ltd's ("SGS") Kalgoorlie and Perth laboratories. Sample preparation included oven drying (105°C), crushing (&lt;6mm), pulverising (P90% passing 75µm) and riffle split to obtain a 50 gram catchweight. Analysis for gold only was carried out by Fire Assay fusion technique with AAS finish (SGS Lab Code FAA505).</p> <ul style="list-style-type: none"> <li>• KIN regularly insert blanks and CRM standards in each sample batch at a ratio of 1:50. This allows for at least one blank and one CRM standard to be included in each of the laboratory's fire assay batch of 50 samples. Field duplicates are typically collected at a ratio of 1:50 samples and test sample assay repeatability. Blanks and CRM standards assay result performance is predominantly within acceptable limits for this style of gold mineralisation.</li> <li>• KIN requests laboratory pulp grind and crush checks at a ratio of 1:50 or less since May 2018 in order to better qualify sample preparation and evaluate laboratory performance. Samples have generally illustrated appropriate crush and grind size percentages since the addition of this component to the sample analysis procedure.</li> <li>• SGS include laboratory blanks and CRM standards as part of their internal QA/QC for sample preparation and analysis, as well as regular assay repeats. Sample pulp assay repeatability, and internal blank and CRM standards assay results are typically within acceptable limits.</li> </ul> <p>From late 2018 samples have been analysed by Intertek Genalysis, with sample preparation either at their Kalgoorlie prep laboratory or the Perth Laboratory located in Maddington. Sample preparation included oven drying (105°C), crushing (&lt;6mm), pulverising (P90% passing 75µm) and split to obtain a 50 gram catchweight. Analysis for gold only was carried out by Fire Assay fusion technique with AAS finish.</p> <ul style="list-style-type: none"> <li>• KIN regularly insert blanks and CRM standards in each sample batch at a ratio of 1:25 for RC sampling and 1:50 for AC. Kin accepts that this ratio of QAQC is industry standard. Field duplicates are typically collected at a ratio of 1:25 samples for RC and 1:50 for AC, to test sample assay repeatability. Blanks and CRM standards assay result performance is predominantly within acceptable limits for this style of gold mineralisation.</li> <li>• KIN requests laboratory pulp grind and crush checks at a ratio of 1:50 or less since May 2018 in order to better qualify sample</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p>preparation and evaluate laboratory performance. Samples have generally illustrated appropriate crush and grind size percentages since the addition of this component to the sample analysis procedure.</p> <ul style="list-style-type: none"> <li>Genalysis include laboratory blanks and CRM standards as part of their internal QA/QC for sample preparation and analysis, as well as regular assay repeats. Sample pulp assay repeatability, and internal blank and CRM standards assay results are typically within acceptable limits.</li> </ul> <p>The nature and quality of the assaying and laboratory procedures used are considered to be satisfactory and appropriate for use in mineral resource estimations.</p> <p>Fire Assay fusion is considered to be a total extraction technique. The majority of assay data used for the mineral resource estimations were obtained by the Fire Assay technique with AAS or ICP finish. AAS and ICP methods of detection are both considered to be suitable and appropriate methods of detection for this style of mineralisation</p> <p>Aqua Regia is considered a partial extraction technique, where gold encapsulated in refractory sulphides or some silicate minerals may not be fully dissolved, resulting in partial reporting of gold content.</p> <p>No other analysis techniques have been used to determine gold assays.</p> <p>Ongoing QAQC monitoring program identified one particular CRM returning spurious results. Further analysis demonstrated that the standard was compromised and was subsequently removed and destroyed. A replacement CRM of similar grade was substituted into the QAQC program.</p> <p>KIN continues to both develop and reinforce best practice QAQC methods for all drilling operations and the treatment and analysis of samples. Regular laboratory site visits and audits have been introduced since April 2018 and will be conducted on a quarterly basis. This measure will ensure that all aspects of KIN QAQC practices are adhered to and align with industry best practice.</p>
<b>Verification of sampling and assaying</b>	<p><i>The verification of significant intersections by either independent or alternative company personnel.</i></p> <p><i>The use of twinned holes.</i></p> <p><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></p> <p><i>Discuss any adjustment to assay data.</i></p>	<p>Verification of sampling, assay techniques, and results prior to 2004 is limited due to the legacy of the involvement of various companies, personnel, drilling equipment, sampling protocols and analytical techniques at different laboratories.</p> <p>No adjustments, averaging or calibrations are made to any of the assay data recorded in the database. QA/QC protocol is considered industry standard with standard reference material submitted on a routine basis.</p> <p>No adjustment or calibration has been made to assay data.</p>
<b>Location of data points</b>	<p><i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource</i></p>	<p>Several local grids were established and used by previous project owners. During the 1990s, SOG transformed the surface survey data firstly to AMG and subsequently to MGA (GDA94 zone51).</p> <p>Recent KIN AC drill hole collars are located and recorded in the field by KIN personnel using a handheld GPS. Location data was collected in the GDA94 Zone51 grid coordinate system.</p>



Criteria	JORC Code explanation	Commentary
	<p><i>estimation.</i></p> <p><i>Specification of the grid system used.</i></p> <p><i>Quality and adequacy of topographic control.</i></p>	<p>No downhole surveying was conducted for AC drilling</p> <p>The accuracy of drill hole collars and downhole data are located with sufficient accuracy for use in current exploration targeting activities</p>
<b>Data spacing and distribution</b>	<p><i>Data spacing for reporting of Exploration Results.</i></p> <p><i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i></p> <p><i>Whether sample compositing has been applied.</i></p>	<p>Recent aircore drilling was conducted on 400m-spaced lines, with the drillholes spaced at half the depth of the previous drilling. This provided full coverage across the strike of the targets. This coverage was reduced in areas of shallower holes as a minimal hole spacing of 15m was used.</p>
<b>Orientation of data in relation to geological structure</b>	<p><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></p> <p><i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i></p>	<p>Mineralisation at Iron King is interpreted to be controlled by E-W trending shear zones. For this reason all recent aircore drilling was drilled on North-South lines towards and azimuth of 180 degrees.</p>
<b>Sample security</b>	<p><i>The measures taken to ensure sample security.</i></p>	<p>No sample security details are available for pre-KIN drill or field samples.</p> <p>Since the beginning of 2020 KIN aircore samples from the Iron King project are collected by the field personnel and stored in bulka bags. These are dispatched nightly to a secure yard in Leonora (GTN Services). The haulage company (usually Hannans transport) then collects the bulk bags the following day and dispatches them to the lab in Kalgoorlie.</p>
<b>Audits or reviews</b>	<p><i>The results of any audits or reviews of sampling techniques and data.</i></p>	<p>No audits have been conducted for the Iron King project.</p>

## Section 2 Reporting of Exploration Results

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

Criteria	• JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<p><i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></p> <p><i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i></p>	<p>The Iron King Project, 45km NNW of Leonora is managed, explored and maintained by KIN, and constitute a portion of KIN's Leonora Gold Project (LGP), which is located within the Shire of Leonora in the Mt Margaret Mineral Field of the North Eastern Goldfields.</p> <p>The project consists of a mining tenement (M37/1327, surrounded by a number of prospecting licenses (P37/8461, P37/8460, P37/8458, P37/8459, P37/8455). The following royalty payment may be applicable to areas within the Iron King project: 2% of Gross Revenue payable to the original vendors of the tenements to Kin Mining NL.</p> <p>There are no known native title interests, historical sites, wilderness areas, national park or environmental impediments over the outlined current areas, and there are no current impediments to obtaining a license to operate in the area.</p>
<b>Exploration done by other parties</b>	<p><i>Acknowledgment and appraisal of exploration by other parties.</i></p>	<p>During the period 1981-1985 a small open cut gold mine at Iron King which was mined to 30m produced 253.85oz Au from 1,161t of ore grading 6.8g/t Au.</p> <p>In 1977 Asarco Exploration Pty Ltd conducted a major RAB drill programme on the area directly south of the Little Pete gossan (P37/7195) but the shallow drill holes failed to identify any significant anomalous base metals or gold mineralisation.</p> <p>Exploration by Dakota Gold Mines Pty Ltd during 1988-1990 and Dominion Gold Mines in 1993-1994 lead to the discovery of a number of promising gold prospects and drill targets. Drilling of several of these prospects was conducted however generally at very shallow depths. A small gold resource (58,700 tonnes) was identified by Dakota at the Crystal Ridge Prospect (P37/7197). Additionally several zones of gold mineralisation have been identified within the project area, they remain open at depth and along strike, and they require follow up drilling.</p>
<b>Geology</b>	<p><i>Deposit type, geological setting and style of mineralisation.</i></p>	<p>The Iron King group overlies a NW to WNW trending sequence of Archaean greenstones that form part of the Norseman-Wiluna Greenstone Belt of the Yilgarn Craton. The highly mineralised metamorphosed belt is comprised of deformed volcanic rocks, intrusive rocks and sediments. The belt hosts the majority of Australia's largest gold and nickel sulphide deposits including Kalgoorlie, Kambalda, Agnew, Mt Keith and Sons of Gwalia.</p> <p>The project area is located on the eastern flank of the Tarmoola Anticline. The greenstone sequence in the project area comprises tholeiitic and high-magnesian basalts, felsic volcanics, interflow sediments including chert, shale and iron formation, mafic intrusives and ultramafic rocks. This layered succession is intruded by numerous stocks, dykes and sills of granitic rocks, commonly magnetic, felsic porphyry's and also E-W trending Proterozoic mafic dykes.</p> <p>The structure of the Iron King group is extremely complex due to a combination of faulting, shearing and tight folding; coupled with granitic intrusions. Three major E-W to WNW shear zones have been identified in the area. These structures are known as the Victory, Crystal Ridge and Iron King Shears and they are all</p>

Criteria	JORC Code explanation	Commentary
		associated with small historic gold workings. The local shear zones splay off the regional NNW trending Gwalia Shear Zone and the Mt George Shear Zone. Gold mineralisation within the project area is controlled by late stage quartz filled normal faults.
<b>Drill hole Information</b>	<p><i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i></p> <ul style="list-style-type: none"> <li>• easting and northing of the drill hole collar</li> <li>• elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>• dip and azimuth of the hole</li> <li>• down hole length and interception depth</li> <li>• hole length.</li> </ul> <p><i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i></p>	All material drilling information for exploration results is included in the body of this report.
<b>Data aggregation methods</b>	<p><i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</i></p> <p><i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i></p> <p><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></p>	<p>When exploration results have been reported, the intercepts are reported as weighted average grades over intercept lengths defined by geology or lower cut-off grades, without high grade cuts applied. Where aggregate intercepts incorporated short lengths of high grade results, these results were included in the reports.</p> <p>For the Iron King project, KIN has reported AC drilling intersections with low cut off grades of <math>\geq 0.45</math> g/t Au and a maximum of 4m of internal dilution at a grade of <math>&lt;0.5</math> g/t Au.</p> <p>There is no reporting of metal equivalent values.</p>
<b>Relationship between mineralisation widths and intercept lengths</b>	<p><i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></p> <p><i>If it is not known and only the down hole lengths are reported,</i></p>	<p>The orientation, true width, and geometry of mineralised zones have been primarily determined by interpretation of historical drilling and continued investigation and verification of KIN drilling.</p> <p>Drill intercepts are reported as downhole widths not true widths.</p> <p>Accompanying dialogue to reported intersections normally describes the attitude of mineralisation.</p>

Criteria	JORC Code explanation	Commentary
	<i>there should be a clear statement to this effect (eg 'down hole length, true width not known').</i>	
<b>Diagrams</b>	<i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>	Appropriate maps are included in the main body of this report.
<b>Balanced reporting</b>	<i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>	Public reporting of exploration results by KIN and past tenement holders and explorers are considered balanced. Representative widths typically included a combination of both low and high grade assay results. A 0.4g/t cut off is typically used at Iron King to report significant intercepts. All drillholes below this threshold are clearly reported as having 'No significant intercepts' (NSI).
<b>Other substantive exploration data</b>	<i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>	An Auger sampling program in 2020 preceeded the aircore drilling program. Results from this sampling program have been fully reported in separate ASX rereleases
<b>Further work</b>	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i>  <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	KIN intend to continue exploration and drilling activities at in the described area.