

## Underground drilling intersects high grade gold and copper

Exceptional high-grade gold and copper intercepts confirm growth potential at Mineral Hill's Southern Ore Zone

### **Highlights:**

- Outstanding high-grade intercepts returned from first underground drilling at Southern Ore Zone (SOZ), including ounce-per-tonne gold assays.
- **Significant extensions of mineralisation** 50-100m along strike beyond current resource envelope suggest strong potential to increase Mineral Resource tonnage.
- High grade intersected in KSNDDH032 (8.8m @ 42.51g/t Au, 1.77% Cu [1.0% CuEq COG]), directly within a planned stope zone.
- Other key intercepts include (0.5% CuEq COG):
  - 12.15m @ 30.80g/t Au, 1.39% Cu from 58.65m (KSNDDH032)
  - o 8.1m @ 3.69g/t Au, 0.85% Cu from 65.9m (KSNDDH026)
  - o 2m @ 8.57g/t Au, 0.25% Cu from 149.7m (KSNDDH026)
  - 9.3m @ 2.13% Cu from 43.7m (KSNDDH027)
  - 5.6m @ 1.82g/t Au, 1.84% Cu from 74m (KSNDDH029)
  - o 2m @ 1.78g/t Au, 13g/t Ag, 4.40% Cu from 70m (KSNDDH035)
- Results reinforce the high-grade, high-margin potential of SOZ and provide optionality to **extend the** underground mine plan and improve economic returns.

Kingston Resources Limited (**ASX: KSN**) ('**Kingston**' or '**The Company**') is pleased to announce the results of the first 13 drill holes from underground drilling at the Southern Ore Zone. Drilling commenced in February 2025 (see ASX announcement on 26 February 2025) and numerous holes are currently being assayed.

Drill holes were designed to infill planned stopes for the first 12 months of underground production. Results clearly demonstrate the high grade, high margin nature of the ore at Mineral Hill.

KSNDDH032 has intersected outstanding gold and copper grades, with the highest grade being an 8.8m interval grading 42.5g/t gold and 1.77% copper from 62m down hole.

Additionally, drillholes KSNDDH024 to KSNDDH026 have extended mineralisation 50-100m north of the current Mineral Resource extents. These holes were targeting the deep A-lode position of the deposit and have intersected mineralisation along the way. The results indicate a potential for material expansion to Mineral Resource tonnage in this area.



ASX: KSN Shares on Issue: 823M Market Cap: A\$95M

Cash: (31 March 2025) A\$12.5m

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#### Kingston Resources Managing Director & CEO, Andrew Corbett, comments:

"These are really encouraging results from our first round of underground drilling and give us a clearer picture of the upside potential at Mineral Hill. It has been a long time since the Southern Ore Zone was drilled from underground and this campaign is showing the untapped potential waiting to be uncovered.

What's particularly exciting is the clear potential to grow our Mineral Resource. Drilling has already extended mineralisation up to 100 metres beyond the current resource boundary, opening the door to a potential uplift in tonnage and mine life.

With underground development already in place to access some of these high-grade zones, we're well positioned to convert these results into early cash flow. These outcomes strengthen our confidence in Mineral Hill as a long-life, high-margin operation and we look forward to unlocking further value as we continue drilling throughout 2025."

#### **Resource Definition Drilling**

The current underground drilling campaign is being collared at drill drives and off the decline to infill the copper-gold dominant lodes on the western side and the lead-zinc-silver lodes on the eastern side. Twenty-one (21) drill holes are complete with final assays received for 13. Results pending (8 holes) are due by the end of Q4.

KSNDDH032 has intersected extremely high-grade gold mineralisation in the expected position of a planned stope. Results include 8.8m @ 42.51g/t Au, 1.77% Cu from 62m down hole. Underground development is already in-place to access this lode.

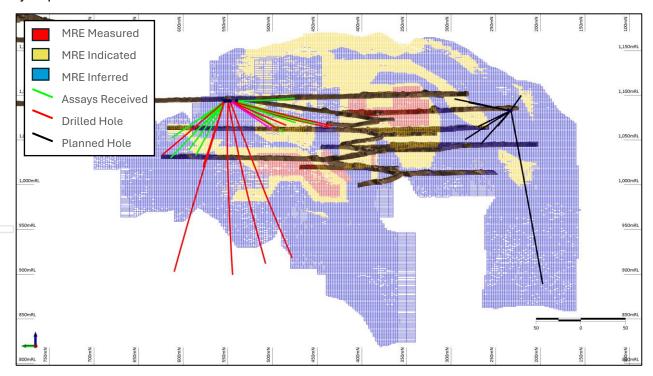


Figure 1: Long section of the SOZ drillholes looking east.

KSNDDH024 to KSNDDH026 were drilled to target the polymetallic A Lode. Prior to reaching the intended target, additional mineralisation was intersected in hole 024 and 025. This zone has previously lacked any substantial drilling information, meaning Mineral Resource interpretations were not extended into this area. The Company will now look at adding more holes here and target an extension to the Mineral Resources up to 100m beyond the current northern extents.



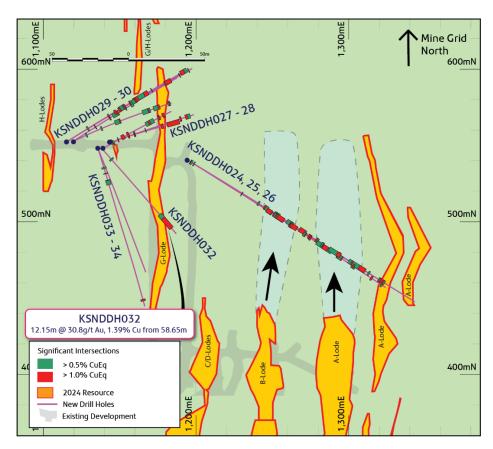


Figure 2: Plan view of SOZ drill holes with assay results so far.

On Completion of the sale of the Misima Gold Project we intend to ramp up exploration at Mineral Hill. This current drill campaign was initially budgeted to be 3000m of drilling, however it now will be extended to firm up additional production areas and target areas with potential extension to the Mineral Resources.

Table 1: Key highlights from the significant intercepts.

Hole ID		CuEq Insitu	From (m)	To (m)	Length	Au	Ag	Cu	Pb	Zn	CuEq Insitu	CuEq Rec	Est. True
		cog%	(,	,	(m)	(g/t)	(g/t)	(%)	(%)	(%)	(%)	(%)	Width
KSNDDH025		0.5	95	96	1	0.16	67	1.75	6.96	1.96	4.48	3.39	0.81
KSNDDH026		0.5	65.9	74	8.1	3.69	4	0.85	0.04	0.05	3.34	2.57	6.61
KSNDDH026	Incl	1	69.1	74	4.9	5.97	6	0.90	0.05	0.05	4.91	3.76	4.00
KSNDDH026	Incl	1	132	136.7	4.7	2.46	6	0.32	0.50	1.07	2.40	1.78	3.84
KSNDDH026		0.5	149.7	151.7	2	8.57	3	0.25	0.11	0.05	5.97	4.53	1.63
KSNDDH026	Incl	1	149.7	150.7	1	16.05	5	0.42	0.13	0.04	11.09	8.42	0.82
KSNDDH027		0.5	43.7	53	9.3	0.07	9	2.13	0.17	0.04	2.30	1.84	9.10
KSNDDH029		0.5	74	79.6	5.6	1.82	9	1.84	0.09	0.07	3.15	2.47	5.60
K\$NDDH029	Incl	1	78	79.6	1.6	6.22	23	4.88	0.19	0.13	9.26	7.24	1.60
KSNDDH030		0.5	95	100	5	1.96	6	1.80	0.02	0.02	3.15	2.48	4.75
KSNDDH030	Incl	1	95	98	3	3.22	9	2.59	0.03	0.03	4.81	3.77	2.85
KSNDDH031	Incl	1	89.5	94.55	5.05	1.07	10	1.52	0.29	0.09	2.39	1.88	4.80
KSNDDH032		0.5	58.65	70.8	12.15	30.80	7	1.39	0.07	0.03	21.80	16.58	7.87
KSNDDH032	Incl	1	62	70.8	8.8	42.51	9	1.77	0.08	0.03	29.93	22.75	5.70
KSNDDH035		0.5	70	72	2	1.78	13	4.40	0.06	0.02	5.70	4.53	1.63



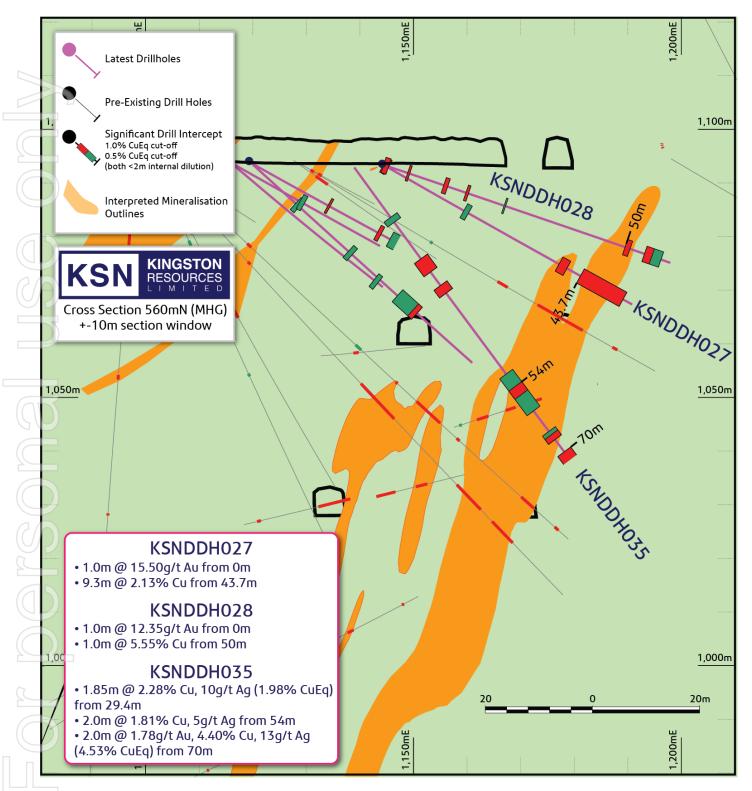


Figure 3: Cross-section (looking north) at the Southern Ore Zone, Mineral Hill.



Table 2: Drillhole collar information.

Hole ID	Local	Local	Local	MGA20 z55	MGA20 z55	AHD	Dip	Azimuth	Total Depth	Assay Status
Tiole ID	EAST	NORTH	RL	EAST	NORTH	AIID	ыр	(Local)	(m)	Assay Status
KSNDDH024	1194.9	540.2	1094.0	499046.0	6395383.0	94.0	-13	122	140	Final
KSNDDH025	1194.9	540.2	1094.0	499046.0	6395383.0	94.0	-7	123	155	Final
KSNDDH026	1194.9	540.2	1094.0	499046.0	6395383.0	94.0	-2	122	175	Final
KSNDDH027	1144.3	552.1	1093.5	499001.9	6395355.6	93.5	-28	73	55	Final
KSNDDH028	1144.3	552.1	1093.5	499001.9	6395355.6	93.5	-18	71	60	Final
KSNDDH029	1119.5	552.7	1094.0	498983.8	6395338.5	94.0	-40	69	90.2	Final
KSNDDH030	1115.7	552.7	1094.0	498981.2	6395335.8	94.0	-24	59	100	Final
KSNDDH031	1115.7	552.7	1094.0	498981.2	6395335.8	94.0	-33	60	113.2	Final
KSNDDH032	1138.5	547.8	1093.6	499000.8	6395348.4	93.6	-13	139	75.7	Final
KSNDDH033	1135.9	547.8	1093.6	498998.9	6395346.6	93.6	-12	164	110.2	Final
KSNDDH034	1135.9	547.8	1093.6	498998.9	6395346.6	93.6	-16	159	90	Final
KSNDDH035	1138.5	547.8	1093.6	499000.8	6395348.4	93.6	-50	61	80	Pending
KSNDDH036	1119.4	552.7	1094.0	498983.8	6395338.5	94.0	-24	59	88	Pending
KSNDDH037	1128.3	553.8	1093.7	498989.4	6395345.5	93.7	-67	39	80	Pending
KSNDDH038	1129.3	547.4	1093.6	498994.6	6395341.6	93.6	-12	154	130	Pending
KSNDDH039	1129.3	547.4	1093.6	498994.6	6395341.6	93.6	-18	137	90	Pending
KSNDDH040	1129.3	547.4	1093.6	498994.6	6395341.6	93.6	-21	130	90	Pending
KSNDDH041	1100.6	547.8	1094.1	498974.0	6395321.7	94.1	-62	139	200	Pending
KSNDDH042	1101.5	549.8	1094.1	498973.3	6395323.7	94.1	-66	121	200	Pending
KSNDDH043	1102.0	549.8	1094.1	498973.6	6395324.1	94.1	-78	94	200	Pending
KSNDDH044	1126.0	553.5	1094.1	498988.0	6395343.6	94.1	-73	11	200	Pending

KSNDDH042 KSNDDH043 KSNDDH044	1101. 1102. 1126.	.0 54	19.8 1094 19.8 1094 53.5 1094	.1 4	98973.3 98973.6 98988.0	639	5323.7 5324.1 5343.6	94 94 94	.1 -	-66 -78 -73	121 94 11	200 Pe	ending ending ending
Гарlе 3: Full li	st of signi		tercepts.										
Hole ID		CuEq Insitu	From (m)	To (m)	Length	Au	Ag	Cu	Pb	Zn	CuEq Insitu	CuEq Rec	Est. True
		COG%		_	(m)	(g/t)	(g/t)	(%)	(%)	(%)	(%)	(%)	Width
KSNDDH024		0.5	1.7	2	0.3	0.27	6	1.84	0.04	0.03	1.53	1.67	0.255
KSNDDH024	Incl	1	1.7	2	0.3	0.27	6	1.84	0.04	0.03	0.52	1.67	0.255
KSNDDH024		0.5	55	56	1	0.06	3	0.74	0.01	0.01	0.61	0.64	0.85
KSNDDH024		0.5	60	63	3	0.57	1	0.22	0.03	0.02	1.99	0.48	2.55
KSNDDH024	Incl	1	60	61	1	1.22	2	0.45	0.03	0.01	2.18	0.99	0.85
KSNDDH024	Inal	0.5	68.1	72 60.8	3.9	0.62	2	0.26	0.23	0.11	0.77	0.59	3.315
KSNDDH024	Incl	1	69.5	69.8	0.3	4.47	7	1.56	0.89	0.76	2.10	3.81	0.255
KSNDDH024 KSNDDH024	laal	0.5	78	83	5	0.40	2	0.31	0.11	0.54	1.03	0.57	4.25
KSNDDH024 KSNDDH024	Incl	1 0.5	80.7 88	81.5 93	0.8 5	0.28 0.88	4	0.74 0.53	0.32 0.17	2.65 0.16	1.17 1.29	1.25 0.95	0.68
KSNDDH024 KSNDDH024	Incl	0.5	88	93	5 4	1.08	4	0.59	0.17	0.16	0.96	1.07	4.25 3.4
KSNDDH024	IIICI	0.5	1			0.03	118	0.39	0.09	0.07	1.97	0.81	3.4 1.7
KSNDDH024	Incl	0.5 1	1	3 2	2 1	0.03	118	0.19	0.06	0.08	4.48	1.02	0.85
KSNDDH024 KSNDDH024	IIICI	0.5	119	120	1	0.03	18	0.22	0.08	0.08	4.48	0.39	0.85
KSNDDH024 KSNDDH025		0.5	41.55	41.85	0.3	0.03	19	0.20	1.52	0.01	0.84	0.39	0.83
KSNDDH025		0.5	61.25	65.35	4.1	1.82	3	0.09	0.07	0.01	1.26	1.54	3.33
KSNDDH025	Incl	0.3	61.25	64.9	3.65	2.04	4	0.74	0.07	0.03	0.83	1.68	2.96
KSNDDH025	IIICI	0.5	68	74	5.05	0.67	2	0.77	0.03	0.04	1.76	0.60	4.87
KSNDDH025	Incl	0.3	68	68.95	0.95	2.46	2	0.30	0.04	0.04	1.96	1.61	0.77
KSNDDH025	Incl	1	73	74	0.93	0.57	3	0.62	0.03	0.03	1.07	0.81	0.77
KSNDDH025		0.5	78.9	81.5	2.6	1.52	2	0.02	0.02	0.02	1.66	0.89	2.11
KSNDDH025	Incl	1	79.5	81.5	2.0	1.86	1	0.15	0.02	0.03	1.07	0.98	1.62
KSNDDH025		0.5	90	91.8	1.8	0.05	11	0.49	0.90	0.54	1.07	0.72	1.46
KSNDDH025	Incl	1	91.35	91.8	0.45	0.11	21	0.84	2.45	1.27	0.54	1.48	0.37
KSNDDH025		0.5	95	96	1	0.16	67	1.75	6.96	1.96	0.72	3.39	0.81
KSNDDH025	Incl	1	95	96	1	0.16	67	1.75	6.96	1.96	0.54	3.39	0.81
KSNDDH025		0.5	0.6	112.2	11.6	0.13	16	0.19	1.34	0.51	3.34	0.62	9.42
KSNDDH025	Incl	1	5.4	9.2	3.8	0.11	24	0.26	2.19	0.88	3.03	0.92	3.08
KSNDDH025		0.5	116.6	120.6	4	0.35	9	0.11	1.04	0.71	4.91	0.61	3.25
KSNDDH025	Incl	1	116.6	117	0.4	0.05	31	0.23	5.52	0.13	2.56	1.35	0.32
KSNDDH025	Incl	1	120	120.6	0.6	1.39		0.17	1.07	2.03	2.56	1.41	0.49



Hole ID		CuEq Insitu	From (m)	To (m)	Length	Au	Ag	Cu	Pb	Zn	CuEq Insitu	CuEq Rec	Est. True
		COG%	, ,		(m)	(g/t)	(g/t)	(%)	(%)	(%)	(%)	(%)	Width
KSNDDH025		0.5	128.2	131	2.8	0.17	16	0.27	2.28	0.21	1.07	0.82	2.27
KSNDDH025	Incl	1	129	130	1	0.21	28	0.37	3.99	0.16	1.50	1.27	0.81
KSNDDH025		0.5	143.3	144.3	1	0.55	4	0.43	0.56	0.46	0.72	0.82	0.81
KSNDDH025	Incl	1	143.3	144.3	1	0.55	4	0.43	0.56	0.46	1.11	0.82	0.81
KSNDDH025		0.5	151.3	152.3	1	0.54	2	0.09	0.16	0.13	0.68	0.40	0.81
KSNDDH026		0.5	2	3	1	0.02	2	0.68	0.02	0.02	1.39	0.57	0.82
KSNDDH026		0.5	4 65 0	4.7	0.7	0.01	2	0.48	0.07	0.	1.32	0.43	0.57
KSNDDH026 KSNDDH026	Inal	0.5	65.9 65.9	74 66.5	8.1 0.6	3.69 0.29	4 7	0.85 2.72	0.04 0.04	0.05 0.19	1.10 2.40	2.57 2.42	6.61 0.49
KSNDDH026	Incl Incl	1 1	69.1	74	4.9	5.97	6	0.90	0.04	0.19	0.56	3.76	4.00
KSNDDH026	IIICI	0.5	80	84	4.9	3.46	1	0.30	0.03	0.05	2.44	1.95	3.27
KSNDDH026	Incl	1	80	84	4	3.46	1	0.21	0.17	0.05	3.73	1.95	3.27
KSNDDH026	mei	0.5	93	95	2	0.	15	0.07	1.63	1.64	5.97	0.74	1.63
KSNDDH026	Incl	1	93	94	1	0.	18	0.09	1.74	2.96	11.09	1.01	0.82
KSNDDH026		0.5	3	4.5	1.5	0.76	7	0.05	0.24	0.22	10.39	0.53	1.22
KSNDDH026	Incl	1	4	4.5	0.5	1.39	7	0.05	0.18	0.18	10.39	0.83	0.41
KSNDDH026		0.5	9	117.7	8.7	0.13	13	0.15	0.76	0.60	0.70	0.49	7.10
KSNDDH026	Incl	1	115	117.7	2.7	0.24	26	0.26	1.68	1.42	2.24	1.00	2.20
KSNDDH026		0.5	124.05	136.7	12.65	1.02	6	0.17	0.92	0.83	2.24	0.98	10.33
KSNDDH026	Incl	1	126	127	1	0.	11	0.04	2.49	1.30	2.30	0.79	0.82
KSNDDH026	Incl	1	132	136.7	4.7	2.46	6	0.32	0.50	1.07	2.30	1.78	3.84
KSNDDH026		0.5	139	140	1	0.50	4	0.08	0.27	0.20	8.35	0.42	0.82
KSNDDH026		0.5	147	148.7	1.7	2.89	5	0.27	0.47	0.43	8.35	1.84	1.39
KSNDDH026	Incl	1	147.7	148.7	1	4.31	8	0.45	0.79	0.70	1.10	2.82	0.82
KSNDDH026		0.5	149.7	151.7	2	8.57	3	0.25	0.11	0.05	1.10	4.53	1.63
KSNDDH026	Incl	1	149.7	150.7	1	16.05	5	0.42	0.13	0.04	2.86	8.42	0.82
KSNDDH027	Inal	0.5	0	1 1	1	15.50	3	0.14 0.14	0.01 0.01	0.01 0.01	2.86	7.88	0.98
KSNDDH027 KSNDDH027	Incl	1 0.5	17.95	18.95	1 1	15.50 0.33	3 2	0.14	0.01	0.01	1.25 1.25	7.88 0.55	0.98 0.98
KSNDDH027		0.5	39	40.7	1.7	0.05	8	2.	0.03	0.03	0.53	1.79	1.66
KSNDDH027	Incl	0.5	39	40.7	1.7	0.05	8	2.	0.07	0.07	5.75	1.79	1.66
KSNDDH027		0.5	43.7	53	9.3	0.07	9	2.13	0.17	0.04	5.75	1.84	9.10
KSNDDH027	Incl	1	43.7	53	9.3	0.07	9	2.13	0.17	0.04	1.13	1.84	9.10
KSNDDH028		0.5	0	1	1	12.35	2	0.18	0.01	0.01	2.08	6.33	0.96
KSNDDH028	Incl	1	0	1	1	12.35	2	0.18	0.01	0.01	0.74	6.33	0.96
KSNDDH028		0.5	5	5.4	0.4	0.46	5	0.75	0.02	0.01	0.92	0.87	0.38
KSNDDH028	Incl	1	5	5.4	0.4	0.46	5	0.75	0.02	0.01	0.97	0.87	0.38
KSNDDH028		0.5	12.5	13.3	0.8	0.13	11	2.68	0.02	0.02	2.54	2.30	0.77
KSNDDH028	Incl	1	12.5	13.3	0.8	0.13	11	2.68	0.02	0.02	0.69	2.30	0.77
KSNDDH028		0.5	17.1	17.6	0.5	0.09	6	1.14	0.01	0.01	1.25	1.00	0.48
K\$NDDH028	Incl	1	17.1	17.6	0.5	0.09	6	1.14	0.01	0.01	3.15	1.00	0.48
KSNDDH028		0.5	25	25.3	0.3	0.05	3	0.13	0.06	1.22	9.26	0.36	0.29
KSNDDH028		0.5	50	51	1	0.09	15	5.55	0.03	0.02	2.41	4.62	0.96
KSNDDH028	Incl	1	50	51	1	0.09	15	5.55	0.03	0.02	4.22	4.62	0.96
KSNDDH028	امما	0.5	54	57.4	3.4	0.	4	0.90	0.05	0.42	0.57	0.88	3.26
KSNDDH028 KSNDDH029	Incl	1 0.5	54 12	55.5 13	1.5 1	0.20 0.04	6	1.87 0.53	0.03	0.07	0.74 1.30	1.66 0.57	1.44 1.00
KSNDDH029		0.5	26	13 27	1	0.04	4	0.33	0.22	0.20	1.66	0.57	1.00
KSNDDH029		0.5	38.9	44	5.1	0.00	7	0.72	0.31	0.21	5.56	0.76	5.10
KSNDDH029	Incl	1	43	44	1	0.09	18	1.85	1.	0.21	5.56	1.97	1.00
KSNDDH029		0.5	64	71	7	0.08	4	0.57	0.	0.04	1.12	0.55	7.00
KSNDDH029	Incl	1	69	70	1	0.06	6	1.14	0.07	0.05	2.30	1.00	1.00
KSNDDH029	-	0.5	74	79.6	5.6	1.82	9	1.84	0.09	0.07	1.18	2.47	5.60
KSNDDH029	Incl	1	78	79.6	1.6	6.22	23	4.88	0.19	0.13	0.71	7.24	1.60
KSNDDH029		0.5	87	89	2	1.14	7	1.59	0.05	0.02	3.15	1.90	2.00
KSNDDH029	Incl	1	88	89	1	2.11		2.73	0.06	0.02	4.81	3.33	1.00
KSNDDH030		0.5	17	18	1	0.04	9	0.42	0.11	0.11	0.79	0.44	0.95
KSNDDH030		0.5	44.4	49	4.6	0.06	2	0.62	0.03	0.19	1.64	0.58	4.37
KSNDDH030	Incl	1	44.4	45	0.6	0.	7	0.98	0.14	0.58	1.64	1.00	0.57



Hole ID		CuEq Insitu	From (m)	To (m)	Length	Au	Ag	Cu	Pb	Zn	CuEq Insitu	CuEq Rec	Est. True
		COG%			(m)	(g/t)	(g/t)	(%)	(%)	(%)	(%)	(%)	Width
KSNDDH030	Incl	1	48	49	1	0.12	4	1.54	0.02	0.01	2.38	1.33	0.95
KSNDDH030		0.5	52.9	53.5	0.6	0.18	13	5.31	0.07	0.04	2.38	4.48	0.57
KSNDDH030	Incl	1	52.9	53.5	0.6	0.18	13	5.31	0.07	0.04	0.89	4.48	0.57
KSNDDH030		0.5	56	68	12	0.05	9	0.86	0.26	0.34	0.90	0.87	11.40
KSNDDH030	Incl	1	57	60	3	0.13	13	2.07	0.15	0.02	2.50	1.83	2.85
KSNDDH030	Incl	1	65	68	3	0.04	12	0.66	0.46	1.06	2.25	0.88	2.85
KSNDDH030		0.5	71	71.4	0.4	0.08	17	0.38	0.22	0.31	2.39	0.53	0.38
KSNDDH030	Local	0.5	95	0	5	1.96	6	1.80	0.02	0.02	1.17	2.48	4.75
KSNDDH030	Incl	1	95	98	3	3.22	9	2.59	0.03	0.03	1.17	3.77	2.85
KSNDDH031		0.5	38.3	39.3	1	0.09	3	0.69	0.03	0.02	0.90	0.63	0.95
KSNDDH031	امما	0.5	44	45.6	1.6	0.13	4	1.51	0.01	0.01	0.55	1.31	1.52
KSNDDH031	Incl	1	44	45.6	1.6	0.13	4	1.51	0.01	0.01	21.80	1.31	1.52
KSNDDH031	امما	0.5	47.8	49.35	1.55	0.11		2.20	0.13	0.02	29.93	1.91	1.47
KSNDDH031	Incl	1	47.8	49.35	1.55	0.11	2	2.20	0.13	0.02	0.57	1.91	1.47
KSNDDH031		0.5	52	54	2	0.03	2	0.85	0.01	0.02	2.89	0.72	1.90
KSNDDH031		0.5	58	64	6	0.05		0.69	0.25	0.14	2.89	0.70	5.70
KSNDDH031	Incl	1	63	64	1	0.		2.32	0.08	0.05	0.64	2.00	0.95
KSNDDH031		0.5	89	94.55	5.55	0.98	9	1.44	0.27	0.09	3.51	1.77	5.327
KSNDDH031	Incl	1	89.5	94.55	5.05	1.07		1.52	0.29	0.09	6.98	1.88	4.880
KSNDDH031		0.5	2	2.3	0.3	1.57	1	0.09	0.03	0.12	6.98	0.89	0.29
KSNDDH031	Incl	1	2	2.3	0.3	1.57	1	0.09	0.03	0.12	0.68	0.89	0.29
KSNDDH031		0.5	9.75	1.4	0.65	0.02	2	0.87	0.00	0.01	1.15	0.73	0.62
KSNDDH032		0.5	9		1	0.58	3	0.13	0.02	0.01	1.15	0.42	0.765
KSNDDH032		0.5	58.65	70.8	12.15	30.80	7	1.39	0.07	0.03	2.47	16.58	7.987
KSNDDH032	Incl	1	62	70.8	8.8	42.51	9	1.77	0.08	0.03	2.47	22.75	5.770
KSNDDH033		0.5	13	14	1	0.31	21	0.15	0.19	0.01	0.86	0.42	0.55
KSNDDH033		0.5	17.2	17.55	0.35	3.06	3	0.84	0.00	0.01	1.93	2.23	0.19
KSNDDH033	Incl	1	17.2	17.55	0.35	3.06	3	0.84	0.00	0.01	1.25	2.23	0.19
KSNDDH033		0.5	22	25.3	3.3	0.09	3	0.55	0.02	0.01	1.59	0.51	1.81
KSNDDH033	Incl	1	22	22.3	0.3	0.52	18	2.98	0.13	0.03	5.70	2.79	0.16
KSNDDH033		0.5	5.3	6.45	1.15	1.07	18	5.99	0.12	0.42	5.70	5.56	0.63
KSNDDH033	Incl	1	5.3	6.45	1.15	1.07	18	5.99	0.12	0.42	1.07	5.56	0.63
KSNDDH034		_	nificant inte	•			_	0.50				0 = 4	
KSNDDH035		0.5	12.8	14	1.2	0.14	2	0.58	0.00	0.01	1.02	0.54	0.98
KSNDDH035		0.5	22.9	26.1	3.2	0.	4	1.05	0.02	0.01	1.02	0.92	2.6
KSNDDH035	Incl	1	22.9	26.1	3.2	0.	4	1.05	0.02	0.01	0.78	0.92	2.60
KSNDDH035		0.5	29.4	31.25	1.85	0.11		2.28	0.	0.09	1.77	1.98	1.50
KSNDDH035	Incl	1	29.4	31.25	1.85	0.11	2	2.28	0.	0.09	0.64	1.98	1.50
KSNDDH035		0.5	51	60	9	0.06	3	0.72	0.11	0.21	0.55	0.68	7.31
KSNDDH035	Incl	1	54	56	2	0.11	5	1.81	0.02	0.01	1.53	1.55	1.63
KSNDDH035		0.5	65	67	2	0.04	5	1.16	0.06	0.05	0.52	1.00	1.63
KSNDDH035	Incl	1	65.8	67	1.2	0.01	4	1.55	0.00	0.01	0.61	1.28	0.98
KSNDDH035		0.5	70	72	2	1.78	13	4.40	0.06	0.02	1.99	4.53	1.63
KSNDDH035	Incl	1	70	72	2	1.78	13	4.40	0.06	0.02	2.18	4.53	1.63
KSNDDH036		0.5	19	19.45	0.45	1.30	3	0.12	0.09	0.17	0.77	0.81	0.39
KSNDDH036	Incl	1	19	19.45	0.45	1.30	3	0.12	0.09	0.17	2.10	0.81	0.39
KSNDDH036		0.5	31	31.8	8.0	0.09	5	0.92	0.01	0.01	1.03	0.82	0.69
KSNDDH036	Incl	1	31	31.8	8.0	0.09	5	0.92	0.01	0.01	1.17	0.82	0.69
KSNDDH036		0.5	34	38.8	4.8	0.17	2	0.65	0.00	0.01	1.29	0.62	4.11
KSNDDH036	Incl	1	37.75	38.8	1.05	0.56	5	1.36	0.01	0.01	0.96	1.40	0.90
KSNDDH036		0.5	44.5	45	0.5	0.08	3	0.56	0.02	0.02	1.97	0.51	0.43
KSNDDH036		0.5	49	51	2	0.03	2	0.48	0.04	0.06	4.48	0.43	1.71



#### **Metal Equivalents**

This announcement quotes metal equivalent grades for drilling assay results. Price assumptions used are based primarily on consensus forecasts with adjustments based on company expectations.

Copper equivalent insitu (CuEqIS) conversion factors are used within the announcement and are calculated by dividing price/unit for each commodity (Cu/t, Au/oz, Ag/oz, Pb/t, Zn/t).

Copper equivalent recovered (CuEq) conversion factors are used within the announcement and are calculated by dividing price/unit for each commodity (Cu/t, Au/oz, Ag/oz, Pb/t, Zn/t) and multiplying by the metallurgical recovery.

Metallurgical recoveries are based on historical production (2010-2016) as well as recent metallurgical test work and are applied to the calculated grades for each commodity. The Company is of the opinion that all the elements included in the metal equivalent calculations have a demonstrated potential to be recovered and sold. Mineral Hill has a CIL circuit, Cu flotation circuit, Pb flotation circuit and Zn flotation circuit to produce three different concentrates as well as gold dore.

CuEq Insitu % = 
$$(1.0 * Cu %) + (0.66 * Au g/t) + (0.008 * Ag g/t) + (0.221 * Pb %) + (0.277 * Zn %)$$

CuEq Recovered % = (0.809 \* Cu %) + (0.50 \* Au g/t) + (0.0052 \* Ag g/t) + (0.175 \* Pb %) + (0.167 \* Zn %)

		Recovery (%)	CuEqRec Factor
US\$/oz	2,236	76	0.50
US\$/oz	27.6	64	0.0052
US\$/lb	4.95	80	0.809
US\$/lb	1.09	79	0.175
US\$/lb	1.37	60	0.167
	US\$/oz US\$/lb US\$/lb	US\$/oz       27.6         US\$/lb       4.95         US\$/lb       1.09	US\$/oz       27.6       64         US\$/lb       4.95       80         US\$/lb       1.09       79



### **About Kingston Resources**

Kingston Resources is currently producing gold and silver from its Mineral Hill gold and copper mine in NSW. The Company's objective is to establish itself as a mid-tier gold and base metals company with multiple producing assets.



#### Mineral Hill Mine, NSW (100%)

- Mine plan out to the end of 2031: Open pit and underground mining.
- **Significant upside:** Current life of mine only utilises 27% of the current 8.2Mt of Mineral Resources.
- **Infrastructure excellence:** Extensive existing infrastructure with all permits and approvals in place.
- Exploration potential: Exceptional upside within current Mining Leases (ML) and Exploration Licenses (EL).

Mineral Hill is a gold and copper mine located in the Cobar Basin of NSW. On 30 September 2024, Kingston released an updated life-of-mine (LOM) production target, outlining a six-year LOM plan comprising a maiden underground Ore Reserve and a revised open pit Ore Reserve. The Company is focused on meeting near mine production targets located on the existing MLs. The aim is to extend the mine's life through organic growth and consider regional deposits that could be processed at Mineral Hill's processing plant.

The Mineral Hill Mineral Resource estimate outlined below was released in ASX announcements on 15 March 2023 (Pearse South), 14 May 2024 (Pearse North), 24 November 2022 (Southern Ore Zone), 21 March 2023 (Jack's Hut) and 13 September 2011 (Parkers Hill by KBL). The Ore Reserve estimate outlined below was released in ASX announcements on 30 September 2024 (Pearse South, Pearse North and Southern Ore Zone). Further information is included within the original announcements.

Kingston is not aware of any new information or data that materially affects the information included in this announcement. All material assumptions and technical parameters underpinning the Mineral Resources and Ore Reserve estimates continue to apply and have not materially changed.



This release has been authorised by the Kingston Resources Limited Board. For all enquiries, please contact Managing Director, Andrew Corbett, on +61 2 8021 7492.

#### **Mineral Resources and Ore Reserves**

Misima JORC 2012 Mineral Resource & Ore Reserve summary table

Resource Category	Cut-off (g/t Au)	Tonnes (Mt)	Gold Grade (g/t Au)	Silver Grade (g/t Ag)	Au (Moz)	Ag (Moz)
Indicated	0.3	97.7	0.79	4.3	2.5	13.4
Inferred	0.3	71.3	0.59	3.8	1.4	8.7
Total	0.3	169	0.71	4.1	3.8	22.1
Reserve	Cut-off (g/t Au)	Tonnes (Mt)	Gold Grade (g/t Au)	Silver Grade (g/t Ag)	Au (Moz)	Ag (Moz)
Probable	0.3	75.6	0.79	4.2	1.73	4.1

Mineral Hill JORC 2012 & JORC 2004 Mineral Resource & Ore Reserve summary table

Resource	Tonnes	Gold Grade	Silver Grade	Cu %	Pb %	Zn %	A (Iso=)	A m (Isam)	C., (14)	Dh (lst)	7m (let)
Category	(kt)	(g/t)	(g/t)				Au (koz)	Ag (koz)	Cu (kt)	Pb (kt)	Zn (kt)
Measured	233	2.01	11	1.2%	0.5%	0.4%	15	81	3	1.2	0.8
Indicated	4,501	1.13	29	1.1%	1.9%	1.1%	164	4,556	47	77	46
Inferred	3,020	1.81	18	0.9%	0.9%	0.7%	175	1,727	25	26	20
Total	7,755	1.42	26	1.0%	1.4%	0.9%	354	6,364	75	104	67
Reserve Category	Tonnes (kt)	Gold Grade (g/t)	Silver Grade (g/t)	Cu %	Pb %	Zn %	Au (koz)	Ag (koz)	Cu (kt)	Pb (kt)	Zn (kt)
Proved	-	=	=	-	-	=	-	-	=	-	-
Probable	1,100	2.2	31	0.8%	1.9%	1.6%	74	1,087	5.5	13	11
Total	1,100	2.2	31	0.8%	1.9%	1.6%	74	1,087	5.5	13	11

- 1. Due to rounding to appropriate significant figures, minor discrepancies may occur, tonnages are dry metric tonnes.
- 2. Probable Ore Reserves are derived from Indicated Mineral Resources.
- 3. The Ore Reserves do not include, or depend upon, Inferred Mineral Resources.
- 4. The Ore Reserves form part of the Mineral Resources.
- 5. Total Mineral Resources account for mining depletion of the Tailings Project as at 23 April 2024

#### Competent Persons Statement and Disclaimer

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr. Stuart Hayward BAppSc (Geology) MAIG, a Competent Person who is a member of the Australian Institute of Geoscientists. Mr. Hayward is an employee of the Company. Mr. Hayward 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. Hayward confirms that the information in the market announcement provided is an accurate representation of the available data and studies for the material mining project and consents to the inclusion in this report of the matters based upon the information in the form and context in which it appears.

The Competent Person signing off on the overall Pearse Opencut Ore Reserves Estimate is Mr John Wyche BE (Min Hon), of Australian Mine Design and Development Pty Ltd, who is a Fellow of the Australasian Institute of Mining and Metallurgy and who has sufficient relevant experience in operations and consulting for open pit metalliferous mines. Mr Wyche consents to the inclusion in this report of the information pertaining to the Pearse Opencut Ore Reserve in the form and context in which it appears.



# **JORC CODE 2012 EDITION,**

## **Section 1 Sampling Techniques and Data**

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul> <li>Diamond Drilling Sample Collection</li> <li>A diamond core drill rig was used to produce rock samples of core. Run length was variable between 3m and 1m depending on the ground conditions and any expected mineralisation.</li> <li>Triple Tube HQ and NQ barrel set up was utilised to maximize recoveries.</li> <li>Diamond drill core is orientated where orientation tools provided an outcome that is assessed as reliable.</li> <li>The geologist selects sample intervals based on logged geology (lithology, alteration, mineralisation, structures) with minimum sample length of 0.3m and maximum of 1.5m. Half core samples were taken from start to end of hole. All drill core is sampled using an automated/mechanical core cutting machine with diamond cutting blade. Samples comprise half core with sample intervals determined by the geologist and recorded as a cut sheet.</li> <li>For orientated drill core a cutting refence line is drawn approximately 15mm offset form the orientation line. Drill core is cut along the cut line with the orientation line not sampled and returned to the core box for future reference.</li> <li>Non-orientated drill core is cut along a reference line that is the best approximation of the extensions of the orientation reference line with the intent of ensuring the same half core is sampled.</li> <li>Samples are placed in calico bags and dispatched to ALS laboratory where they are received and registered with a sample receipt document provided as a record of the chain of custody process.</li> <li>Analysis of Geotechnical Samples</li> <li>Field point load testing (PLT) was conducted on solid pieces of core &gt;100mm in length from every 3rd core tray. Different rock type samples were selected to collect a range of data reflecting varying rock mass strengths throughout each hole.</li> </ul>
Drilling techniques	<ul> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	<ul> <li>Diamond Core Drilling: - 21 diamond drill holes have been completed to date for a total of 3010 metres</li> <li>This release refers to 13 diamond drill holes that have been completed in the program for a total of 1332.3 m.</li> <li>The holes were collared in two separate sites in existing SOZ underground drives on the 1100 Level.</li> <li>All holes were diamond cored with HQ3 with the option to reduce to NQ3 where adverse ground conditions were encountered.</li> <li>All holes were oriented using an Axis North-seeking Gyroscopic tool. During drilling a collar</li> </ul>



Criteria	JORC Code explanation	Commentary
		<ul> <li>check survey and a 15m survey was taken, followed by surveys every 30m from 30m depth to end of hole. Prior to completing each hole, a multi-shot continuous gyro survey was taken. Each single shot and EOH multi-shot was then uploaded to the cloud-hosted Axis database for retrieval and review by Geology.</li> <li>Reverse Circulation Drilling</li> <li>No Reverse Circulation drilling was completed as part of the program being reported or depicted in the release.</li> </ul>
Drill san recover	<ul> <li>sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of</li> </ul>	<ul> <li>Diamond Drill Core</li> <li>Diamond drill core is recovered on a run-by-run basis where the length drilled, and axial length recovered is recorded by the drilling crew. Run length and recovery are remeasured and calculated in the core processing area. No significant discrepancies have been noted between driller and KSN determined runs and recovery.</li> <li>Diamond drill core is sampled as half core using a diamond blade auto saw.</li> <li>Core loss zones have not been sampled. These 'gaps' in sampling have been</li> </ul>
Logging	fine/coarse material.  • Whether core and chip samples have been	<ul> <li>assigned zero (0) grade for the purposes of significant interval calculation.</li> <li>Reverse Circulation Drilling         <ul> <li>No Reverse Circulation drilling referred to or reported or depicted in the release.</li> </ul> </li> <li>A qualified geologist logs all drill core from this program.</li> </ul>
	geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	<ul> <li>Logging captured, lithological, alteration, mineralisation, structural and weathering information. Drill core also provided geotechnical data based on physical counts of and physical measurement of angles, hardness, roughness, of discontinuities and visual assessment and description of structural features.</li> </ul>
	<ul> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>Geological logging is generally qualitative in nature noting the presence of various geological features and their intensities using a numerical 1-5 scale. Quantitative features of the logging include structural alpha and beta measurements captured as well as magnetic susceptibility and bulk density data.</li> <li>Bulk density intervals were chosen to represent the range of lithology/alteration and</li> </ul>
		<ul> <li>mineralisation within the hole. The test can only be completed on competent core, so areas of broken or clay-ey core are not represented in the bulk density measurements,</li> <li>"Dry weight" and "Wet weight" measurements were taken every 3 trays for pieces of core &gt;= 10cm and bulk density calculated using the Archimedes Principal:</li> </ul>
		<ul> <li>Bulk Density = (Sample Weight in Air) *(Fluid Density) / (Sample Weight in Air) – Sample Weight in Water).</li> <li>The entire set of holes are fully logged and photographed.</li> <li>Diamond Core Drilling</li> <li>Recoveries were measured by the driller and/or offsider whilst in the splits on the rack</li> </ul>



Criteria	JORC Code explanation	Commentary
		<ul> <li>at the rig site using a handheld tape measure. Recoveries were written in permanent marker on a core block placed in the core tray. The Geologist and/or field assistant measured the length of recovered core in the trays when meter marking the core. Recovery is recorded as a percentage per run.</li> <li>Drill core recoveries across the drill holes average &gt;95% with 5-0% recovery in mineralised zones.</li> <li>There is no observed relationship between sample recovery and grade.</li> </ul>
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>Diamond drill core sampling intervals are determined by the logging geologist and is defined by key geological characteristics such as lithology, alteration, mineralisation style paragenesis etc, and structure.</li> <li>Drill core is sampled as half core using an automated diamond blade core saw.</li> <li>Core is sampled from the same half with a cut at approximately 15mm offset from the BOH orientation line that is retained in the core tray for future reference.</li> <li>Primary sample intervals are not subsampled further.</li> <li>Routine QAQC was used in the sampling process. Blank material was introduced at 1:30. Certified Reference Material was introduced at a ratio of 1:25 and in areas of identified mineralization. mineralisation. Crush and pulp duplicates were taken at a ratio of 1:30</li> <li>Samples from the field are dispatched to the sample preparation facility in Orange where they are dried, crushed and pulverised with a 150g pulp subsample collected for analysis.</li> <li>Sample representivity and quality is assessed using KSN QAQC protocols.</li> <li>Half core samples are appropriate for the host rock characteristics and mineralisation style. Mineralised veins are on the whole at moderate angles to core axis enabling a representative sample to be achieved through the half core sampling process.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<ul> <li>Geochemical analysis is carried out on all samples using a standardised analytical suite and sample preparation protocol.</li> <li>Gold analysis is determined by fire assay (FA) by using lead collection technique with a 30g sample charge weight and AAS instrument finish (ALS method Au-AA25). Gold by Fire Assay (FA) is considered a "complete or total" method for total recovery of gold in sample.</li> <li>A multi (34) element suit was used for full geochemical coverage. This was a 4 Acid Digest with an ICP-OES finish (ALS Method ME_ICP61). The 4 Acid digest is a total method. Historically Aqua Regia has been used at Mineral Hill. Kingston has decided to use the more robust 4 acid digest for its drilling programs. The sample 0.2g (df=500) is digested with nitric, hydrochloric, hydrofluoric and perchloric acids to effect as near to total solubility of the sample as possible. With most silicate-based material, solubility is to all intents and purposes complete, however, elements such as Cr, Sn, W, Zr, and in some cases Ba, may prove difficult to bring into solution. This digest is in general unsuited to dissolution of</li> </ul>



Criteria	JORC Code explanation	Commentary
		<ul> <li>chromite, titaniferous material, barite, cassiterite, and zircon. In sulphide-rich samples, some of the sulphur may be lost (as H2S) or is partially converted to insoluble elemental sulphur. Antimony can also partly be lost as volatiles under this digest. Some minerals may dissolve, or partly dissolve and precipitate the element of interest. Examples are silver, lead in the presence of sulphur/sulphate, barium in the presence of sulphur/sulphate, Sn, Zr, Ta, Nb through hydrolysis.</li> <li>ME-ICP61 is an ore grade method with lower and upper detection limits. Overrange analysis was triggered automatically where Cu, Pb, Zn analytes exceeded 10,000ppm using ALS method ME-OG62 with higher lower and upper detection limits.</li> <li>KSN utilises a standardised QAQC protocol in the form of standards, blanks and duplicates in the diamond drilling program at all prospects and deposits at Mineral Hill. If a 3SD exceedance of Au or Base Metal (Ag, Cu, Pb, Zn) sample was detected, the laboratory was contacted to re-assay the CRM and adjacent samples. There were no QAQC fails in the in the SOZ data associated with this program.</li> </ul>
		<ul> <li>Internal laboratory QAQC is analysed and reviewed in addition to the Company QAQC.</li> </ul>
Verification of sampling and assaying		<ul> <li>Significant intercepts for base metal (Cu-Pb_Zn) dominant deposits and mineralisation styles is based on In situ Cu equivalent (CuEqIS) at 0.5%, 1.0%, &amp; 2.5% cut off grades.</li> <li>Both In situ and Recovered CuEq are calculated using manual (excel) and automated (Micromine) routines.</li> </ul>



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,	<ul> <li>Recovery Assumptions are based historical processing data and metallurgical test work: Au - 76%, Ag - 64%, Cu - 81%, Pb - 79%, Zn - 60%</li> <li>CuEqRec% on a sample by sample basis is only used for economic analysis and reporting.</li> <li>Primary assay data is collected into an excel logging template to ensure data is collected within a consistent structure using a standard code library appropriate for the deposit type. The standardized data collection framework ensures validated data is collected. The logging geologist followed by the Senior Geologist completes a second review of logged data prior to being transmitted to a specialist geological database manager where data is stored and managed by a third-party provider in a Datashed database. Data is exported for use in a standardised format.</li> <li>No assay data adjustment is made.</li> <li>Setup and final pickup of collar locations is carried out by the mine surveyor.</li> <li>Collar locations are checked and verified using GIS and mining software packages.</li> </ul>
Data points	mine workings and other locations used in Mineral Resource estimation.  Specification of the grid system used.  Quality and adequacy of topographic control.	<ul> <li>Collar locations are checked and verified using GIS and milling software packages.</li> <li>Data is presented in MGA2020 Zone 55, as well as Mineral Hill Mine Grid (MHG). Translation between grids has been defined and a calculation routine provided by a qualified registered surveyor.</li> <li>Kingston has a Digital Terrain Model (DTM) of the site constructed by a registered Surveyor.</li> <li>Images are drafted from detailed 3D data sets that were accurately located using survey methods available at the time.</li> </ul>
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>Figure 1 shows in long section view to the east, the spatial distribution of drilling completed to date and planned for when drill site become accessible and safe.</li> <li>Figure 2 shows in plan view the spatial extent of the diamond drill holes with respect to vertical slice projections of the interpreted target mineralised structures at approximately 1075mRL.</li> <li>Drill holes are not a consistent spacing and are designed for each specific target with a primary aim of infilling existing drilling and add confidence to stopes planned to be mined in the first 12 months of the underground mine plan.</li> <li>Holes are designed to traverse approximately normal to dominant mineralised trends interpreted for each target. The target zones generally dip moderate to steeply south west, consistent with the overall SOZ deposit.</li> <li>Cross section views in the release show the spatial location of the drill holes as a vertical plane oriented east-west on the Mineral Hill mine grid.</li> <li>Geological and geotechnical data and interpretations will be incorporated into future model updates and Mineral Resource Estimates.</li> <li>No sample compositing is done.</li> </ul>



	Criteria	JC	ORC Code explanation	C	ommentary
	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.	•	Drill holes are designed to traverse approximately normal to dominant mineralised trends interpreted for each target.  The upper target zone is interpreted as a southern extension of the moderately dipping porting of A-lode in upper SOZ deposit.  The drill hole is interpreted to have appropriately intersected and sampled themineralised structures.
	Sample security	•	The measures taken to ensure sample security.	•	Individual cut drill core samples are placed directly into calico bags at the point of cutting that are arranged in an ordered manner and 'checked into' a plastic bin for submission to the laboratory. Samples are checked into the bin with reference to the cut list sheet and cross referenced with sample submission documents.  Samples are sent by road freight to Orange (NSW) where they are again received, checked, and verified, and a formal receipt of samples supplied by the laboratory.  Samples are dried, crushed, and pulverised at the sample preparation laboratory in Orange, where a pulp subsample is collected and analysed at the Orange facility  Pulps are received and checked against the submission document.  Coarse residues are returned to site for long term storage. Assay pulps are stored by ALS laboratory and returned to site for long term storage.
1 7	Audits or reviews	•	The results of any audits or reviews of sampling techniques and data.	•	No audits have been completed by KSN to date.



## **Section 2 Reporting of Exploration Results**

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

Criteria		ORC Code explanation	Commen	ntary						
Mineral	•	Type, reference name/number, location and	Teneme	ent I	Holder	Grant Date	Expiry Date	Туре	Title Area	
tenement and		ownership including agreements or material issues	ML5240	)	MINERAL HILL PTY LTD	14/03/1951	14/03/2033	ML	32.37 HA	
land tenure		with third parties such as joint ventures,	EL1999	- 1	MINERAL HILL PTY LTD	4/03/1983	4/03/2023	EL	17 UNITS	
status		partnerships, overriding royalties, native title	ML5267	, ,	MINERAL HILL PTY LTD	22/06/1951	14/03/2033	ML	32.37 HA	
Otatao		interests, historical sites, wilderness or national	ML5278	3 1	MINERAL HILL PTY LTD	13/08/1951	14/03/2033	ML	32.37 HA	
		park and environmental settings.	EL8334		MINERAL HILL PTY LTD	23/12/2014	23/12/2022	EL	100 UNITS	
		,	ML332		MINERAL HILL PTY LTD	15/12/1976	14/03/2033	ML	22.36 HA	
	•	The security of the tenure held at the time of	ML333		MINERAL HILL PTY LTD	15/12/1976	14/03/2033	ML	28.03 HA	
		reporting along with any known impediments to	ML334		MINERAL HILL PTY LTD	15/12/1976	14/03/2033	ML	21.04 HA	
		obtaining a licence to operate in the area.	ML335		MINERAL HILL PTY LTD	15/12/1976	14/03/2033	ML	24.79 HA	
-			ML336		MINERAL HILL PTY LTD	15/12/1976	14/03/2033	ML	23.07 HA	
			ML337		MINERAL HILL PTY LTD	15/12/1976	14/03/2033	ML	32.27 HA	
			ML338		MINERAL HILL PTY LTD	15/12/1976	14/03/2033	ML	26.3 HA	
			ML339		MINERAL HILL PTY LTD	15/12/1976	14/03/2033	ML	25.09 HA	
			ML340		MINERAL HILL PTY LTD	15/12/1976	14/03/2033	ML	25.79 HA	
10			ML1695		MINERAL HILL PTY LTD	7/05/2014	7/05/2035	ML	8.779 HA	
7			ML1712		MINERAL HILL PTY LTD	28/05/2015	28/05/2036	ML	23.92 HA	
			ML1778		MINERAL HILL PTY LTD	7/12/2018	28/05/2036		29.05 HA	
			ML5499		MINERAL HILL PTY LTD	18/11/1955	14/03/2033	ML	32.37 HA	
			ML5621		MINERAL HILL PTY LTD	12/03/1958	14/03/2033	ML	32.37 HA	
			ML5632 ML6329		MINERAL HILL PTY LTD	25/07/1958	14/03/2033	ML ML	27.32 HA 8.094 HA	
			ML6365		MINERAL HILL PTY LTD MINERAL HILL PTY LTD	18/05/1972 20/12/1972	14/03/2033 14/03/2033		2.02 HA	
			•							(NA Nat Consoltor Deturns (NCD)
$(\cup)$									exists a 2	% Net Smelter Return (NSR)
					r future production					
Exploration done by other parties	•	Acknowledgment and appraisal of exploration by other parties.	• Explo	oratio	n has been com	peted by p	revious ter	nemer	nt holders	since the early 1970's.
Geology	•	Deposit type, geological setting and style of mineralisation.	The SOZ hosted by volcanicla structurall adjacent mineralisa wall rock	Zat My the astic I astic I astic I astic I astic I and a and a and a astic Astic I as I a	Late Silurian to rocks with minor ntrolled and comumerous faults. Mineralisation a older quartz-sulp	Early Devoreworked apprises locally, surroun at A Lode hide vein f	onian Mine volcaniclas les centred ded by a is mostly in ragments	eral Hi stic se d on h halo n the f set in	Il Volcani dimentar ydrotherr of qua form of b a silica a	Au) vein and breccia system cs, a pile of proximal rhyolitic y rocks. The mineralisation is mal breccia zones within and rtz-sulphide vein stockwork reccia, composed of volcanic and sulphide matrix and locally the parallel to multiple west-



C	Criteria	JORC Code explanation	Commentary
	<u> </u>		dipping breccia zones which make up the SOZ. There is a general zonation from Pb-Zn-Ag rich mineralisation at higher levels such as the A lode to more Cu-Au dominant mineralisation at lower levels.
	Drill hole Information	<ul> <li>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:         <ul> <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> </li> <li>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.</li> </ul>	Drill collar location and survey data is presented in the collar table within the announcement.
a	Data aggregation methods	<ul> <li>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.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>Reported intercepts for all holes are classed as Final.</li> <li>Intercepts classified as preliminary are NOT reported in this release.</li> <li>Significant intercepts for base metal (Cu-Pb-Zn) dominant deposits and mineralisation styles is based on In situ Cu equivalent (CuEq) at 0.5%, 1.0%, &amp; 2.5% cut off grades.</li> <li>Both in Situ and Recovered CuEq are calculated using manual (excel) and automated (Micromine) routines.</li> <li>Significant intercepts are calculated using length weighted average grade calculations for all elements reported.</li> <li>Significant intercepts are checked and verified with reference to the drill hole logging data sets and visual checks of the remnant half core in the core tray.</li> <li>In situ CuEq% does not consider recovery and payability for precious and base metals or penalties for potential penalty elements.</li> <li>CuEqIS% (InSitu) is calculated based on the following economic parameters and formula:</li> <li>CuEqIS%= (Au_ppm*0.66)+(Ag_ppm*0.008)+(Cu%*1.0)+(Pb%*0.221)+(Zn%*0.277)</li> <li>KSN Commodity Pricing Assumptions: Copper USD\$4.95/lb; Lead USD\$1.09/lb; Zinc USD\$1.37/lb; Gold USD\$2236/oz; Silver USD\$27.6/oz</li> <li>CuEqIS% on a sample by sample basis is only used for geological interpretation.</li> </ul>



Criteria	JORC Code explanation	Commentary
		<ul> <li>Recovered CuEq (CuEqRec) takes into account metallurgical recovery and payability for precious and base metals and penalties for potential penalty elements.</li> <li>CuEqRec% (Recovered) is calculated based on the following economic parameters and formula:</li> <li>CuEqRec%= (Au_ppm*0.50)+(Ag_ppm*0.005)+(Cu%*0.809)+(Pb%*0.175)+(Zn%*0.167)</li> <li>KSN Commodity Pricing Assumptions: Copper USD\$4.95/lb; Lead USD\$1.09/lb; Zinc USD\$1.37/lb; Gold USD\$2236/oz; Silver USD\$27.6/oz</li> <li>Recovery Assumptions are based historical processing data and metallurgical test work: Au - 76%, Ag - 64%, Cu - 81%, Pb - 79%, Zn - 60%</li> <li>CuEqRec% on a sample by sample basis is only used for economic analysis and reporting.</li> </ul>
Relationship between mineralisatio n widths and intercept lengths	- It the goodhout of the filling allocation with reopposite	<ul> <li>All drill holes are orientated using digital Reflex ACE equipment. Depending on ground conditions the orientations are variably reliable.</li> <li>Sufficient historical and recent data support the interpretation that mineralised zones in upper A-lode intersected by the drillholes is shallow dipping (~-15deg) to the west. Drill holes have also intersected several steep (c. 65-70deg) west dipping vein sets that based on the oriented data. Dips are consistent with overall lode orientations interpreted from historical and recent drilling.</li> <li>The relationship between mineralisation widths and intercept lengths vary for these drillholes as some run at an acute angle to the mineralisation. However, most of the holes have been designed to intersect the mineralisation at right angles.</li> <li>This true width is consistent and comparable with true widths of other smaller internal and peripheral lodes in the SOZ deposit.</li> <li>Orientation of the reported drill holes relative to the interpreted high grade mineralised zones is accurately depicted in the cross sections and plan provided.</li> </ul>
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	See the body of this announcement for maps, diagrams, and tabulations.
Balanced reporting	<ul> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul> <li>Reporting of intercepts is not made specifically relative to adjacent previous anomalous intercepts save for coloured bars on drill hole traces that are derived from the Mineral Hill drill hole database.</li> <li>Historical and KSN reported mineralised intercepts are too numerous to include on figures and in table.</li> </ul>



Criteria	JORC Code explanation	Commentary
		<ul> <li>Anomalous intercepts previously reported by KSN can be found in existing KSN ASX announcements summarised in the section below.</li> </ul>
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.	<ul> <li>Other substantive exploration data and mineralised intercepts are reported in ASX announcements summarised above.</li> <li>Coincidence of specific geophysical features such as magnetics, gravity, IP resistivity and chargeability and potentially mineralised structures is recognised at Mineral Hill and by explorers across the region.</li> <li>Geophysical data has been compiled and reviewed by previous authors. This work is an extension of those studies and is based on reprocessing of the Cyprus 1969-1970 IP data sets using a complete data set and modern processing technologies.</li> <li>IP resistivity data collected by KSN in 2023 is referred to in a general sense and in general spatial relationship with historical IP and gravity surveys.</li> <li>Presentation of the relationship between mineralized zones and geophysical anomalies is reported in ASX release.  2022.04.13 Geophysics Interpretation Generates New Targets 2022.05.11 SOZ Exploration Update 2022.08.11 SOZ Exploration Update 2022.08.11 SOZ Dirilling Complete 2022.09.14 IP geophysics work program 2023.07.18 New Drill Targets Identified at Mineral Hill 2023.07.28 SMEDG Presentation 2023.11.01 Near Mine Discovery (KSNDDH017) Assay Results 2024.02.15 Drilling Confirms New Discovery at Mineral Hill 2024.04.09 High Grade Mineralisation Confirmed Over 400m Strike 2024.05.14 Amended Announcement- Pearse North Mineral Resource Estimate 2024.09.30 Six Year Mine Life at Mineral Hill</li> </ul>
Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul> <li>Collation and documentation of a geology model report for the SOZ deposit using historical reports, drill hole data sets and sectional and plan interpretations from historical mining operations.</li> <li>Compilation and construction of geology and MRE estimation domain 3D model as input to an MRE update in H1 FY26.</li> <li>Additional underground originating drilling is planned to infill and extend the known mineralisation at SOZ. Surface originating drilling is also being designed to test other mineral deposits within the Mineral Hill Trend.</li> </ul>

