17 June 2024

Drilling delivers a 550m strike extension to Orient silver-indium discovery

Critical minerals and base metals explorer **Iltani Resources Limited** (ASX: ILT, "Iltani" or "the Company") is pleased to announce the assay results from reverse circulation (RC) drillholes ORR026 to ORR028 from its recently completed drilling program at the Orient Project in North Queensland.

HIGHLIGHTS:

- ORR026 to ORR28 tested the northwest extension of the Orient West vein system, stepping out 550m along strike from previous drilling and successfully intersected extensive silver-lead-zinc-indium mineralisation. Material results include:
- ORR026**: 7m @ 63 g/t Ag Eq.** from 28m downhole inc.
    - **1m @ 100 g/t Ag Eq. from 29m**
  - **69m @ 45 g/t Ag Eq.** from 111m downhole inc.
    - **28m @ 49 g/t Ag Eq. from 111m** inc. **8m @ 68 g/t Ag Eq**. from 111m and **3m @ 93 g/t Ag Eq.** from 111m
    - **14m @ 63 g/t Ag Eq.** from 149m downhole inc. **3m @ 106 g/t Ag Eq.** from 156m
    - **9m @ 62 g/t Ag Eq.** from 171m downhole inc. **2m @ 112 g/t Ag Eq.** from 173m
- ORR027: **7m @ 49 g/t Ag Eq.** from 12m downhole inc.
    - **3m @ 63 g/t Ag Eq.** from 14m
  - **18m @ 102 g/t Ag Eq.** from 72m downhole inc.
    - **10m @ 142 g/t Ag Eq**. from 76m and **2m @ 483 g/t Ag Eq.** from 84m
- ORR028: **10m @ 69 g/t Ag Eq.** from 21m downhole inc.
    - **2m @ 154 g/t Ag Eq.** from 22m
  - **4m @ 70 g/t Ag Eq.** from 56m downhole inc.
    - **2m @ 102 g/t Ag Eq.** from 56m
- Mineralisation outcrops along Orient West ridgeline – drillholes successfully targeted downdip extension and intersected multiple zones of mineralisation (up to 69m thick) – supporting Orient's open pit potential.
- The northern part of the Orient West vein system is open to the northeast and down dip. Based on mapping, old workings and geophysical exploration, Iltani estimates the vein system could extend more than 600m northeast of ORR028, representing a compelling drill target.
- Iltani drilling has now defined mineralisation at Orient West over at least 1,250m strike extent and to 150m depth.
- Results pending for the remaining seven RC holes (ORR029 to ORR035) completed at Orient West as part of the current drilling program.
- Initial Exploration Target estimate to be defined for Orient West once all results are received.

Iltani Managing Director Donald Garner commented:

"Iltani's recently completed RC drilling program at Orient West (11 RC drillholes, ORR025 to ORR035) continues to deliver.

We are pleased to report multiple material assay results for ORR026 to ORR028, which demonstrate that the Orient West vein system extends a further 550m to the northeast of our previous drilling.

The Orient West vein system is open down dip and to the northeast of our current drilling, and based on our mapping, historical workings and geophysical exploration, we believe that there is at least an additional 600m of strike length to be drill tested to the northeast. This represents a compelling drill target.

The drilling continues to expand the size of the Orient West system and more importantly demonstrates we have the room required for the tonnage needed to develop a significant ore body.

Assay results are pending for RC holes ORR029 to ORR035, which could extend drill tested mineralisation a further 350m to the southwest. When all results have been received, Mining One will commence work on an initial Exploration Target estimate for Orient West."

Figure 1 RC Drill Rig drilling ORR028 at Orient West ridgeline

*ORR028 intersected **10m @ 69 g/t Ag Eq.** from 21m downhole inc. **2m @ 154 g/t Ag Eq.** from 22m and **4m @ 70 g/t Ag Eq.** from 56m downhole inc. **2m @ 102 g/t Ag Eq.** from 56m.*

1. Orient West Drilling Results

Iltani is pleased to announce assay results from drillholes ORR026, ORR027 and ORR028 at the Orient silver-indium project, located near Herberton in Northern QLD.

These three holes were designed to progressively test the northeast extension of the Orient West vein system over a strike length of 550m from RC hole ORR013, completed during Iltani's 2023 drilling campaign.

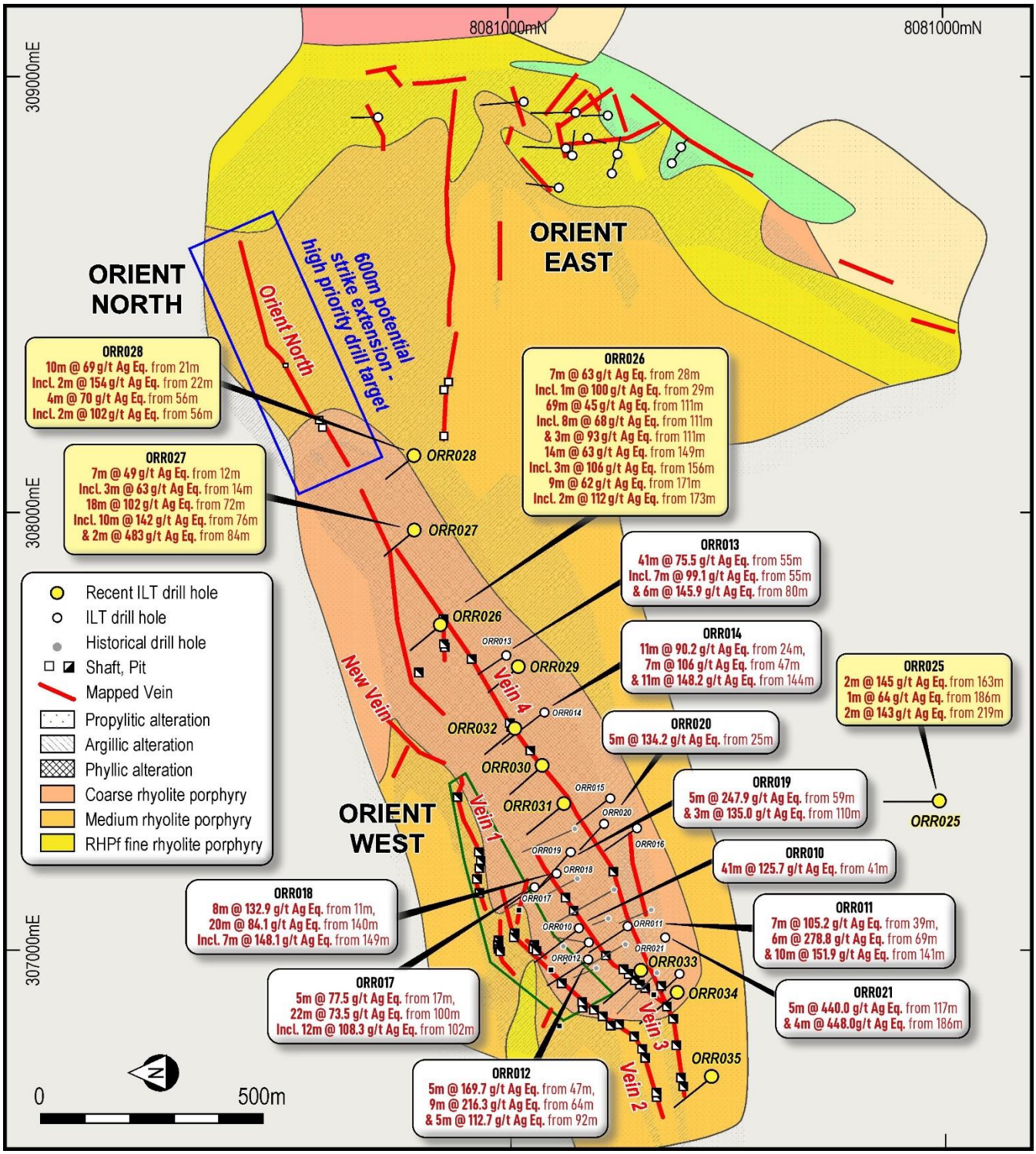
Drilling targeted down dip extensions of vein systems outcropping along the Orient West ridgeline and intersected multiple silver-lead-zinc-indium vein systems (Table 1). Notable intersects include the 69m thick intersection in ORR026, which included three higher grade intersections – confirming the open pit potential at Orient West.

Mineralisation intersected in the drilling is open down dip and to the northeast. Based on mapping, historical workings and geophysical exploration results, Iltani believes the Orient West vein system extends at least another 600m to the northeast beyond ORR028, representing a compelling drill target.

Table 1 Orient West Stage RC Program – ORR026 to ORR028 Material Intercepts

Hole	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq g/t
ORR026	28.00	35.00	7.00	13.9	24.4	0.27%	0.55%	62.8
inc.	29.00	30.00	1.00	22.1	48.3	0.36%	0.84%	99.7
ORR026	111.00	180.00	69.00	13.5	6.6	0.28%	0.37%	45.1
inc.	111.00	139.00	28.00	14.4	5.7	0.30%	0.41%	48.5
and	111.00	119.00	8.00	21.5	7.5	0.42%	0.56%	68.1
and	111.00	114.00	3.00	27.1	5.0	0.69%	0.77%	92.7
inc.	129.00	133.00	4.00	16.3	7.1	0.38%	0.61%	64.1
inc.	149.00	163.00	14.00	18.5	11.7	0.38%	0.51%	63.0
and	156.00	159.00	3.00	33.7	19.1	0.73%	0.75%	106.4
inc.	171.00	180.00	9.00	21.2	10.1	0.40%	0.43%	61.9
and	173.00	175.00	2.00	51.8	12.2	0.81%	0.50%	111.7
ORR027	12.00	19.00	7.00	13.9	7.2	0.39%	0.37%	49.5
inc.	14.00	17.00	3.00	18.4	8.8	0.49%	0.46%	62.7
ORR027	72.00	90.00	18.00	30.9	8.4	0.78%	0.78%	102.0
inc.	76.00	86.00	10.00	42.9	12.3	1.11%	1.07%	141.8
inc.	84.00	86.00	2.00	158.5	31.3	4.36%	3.10%	483.4
ORR028	21.00	31.00	10.00	20.8	5.8	0.50%	0.55%	68.8
inc.	22.00	24.00	2.00	56.1	18.6	1.07%	1.02%	154.3
ORR028	56.00	60.00	4.00	21.7	6.6	0.56%	0.49%	69.5
inc.	56.00	58.00	2.00	31.0	10.4	0.84%	0.72%	101.8
Intersection is downhole width only – true width is expected to be 90% to 95% of down hole width.								

Figure 2 Orient West Plan

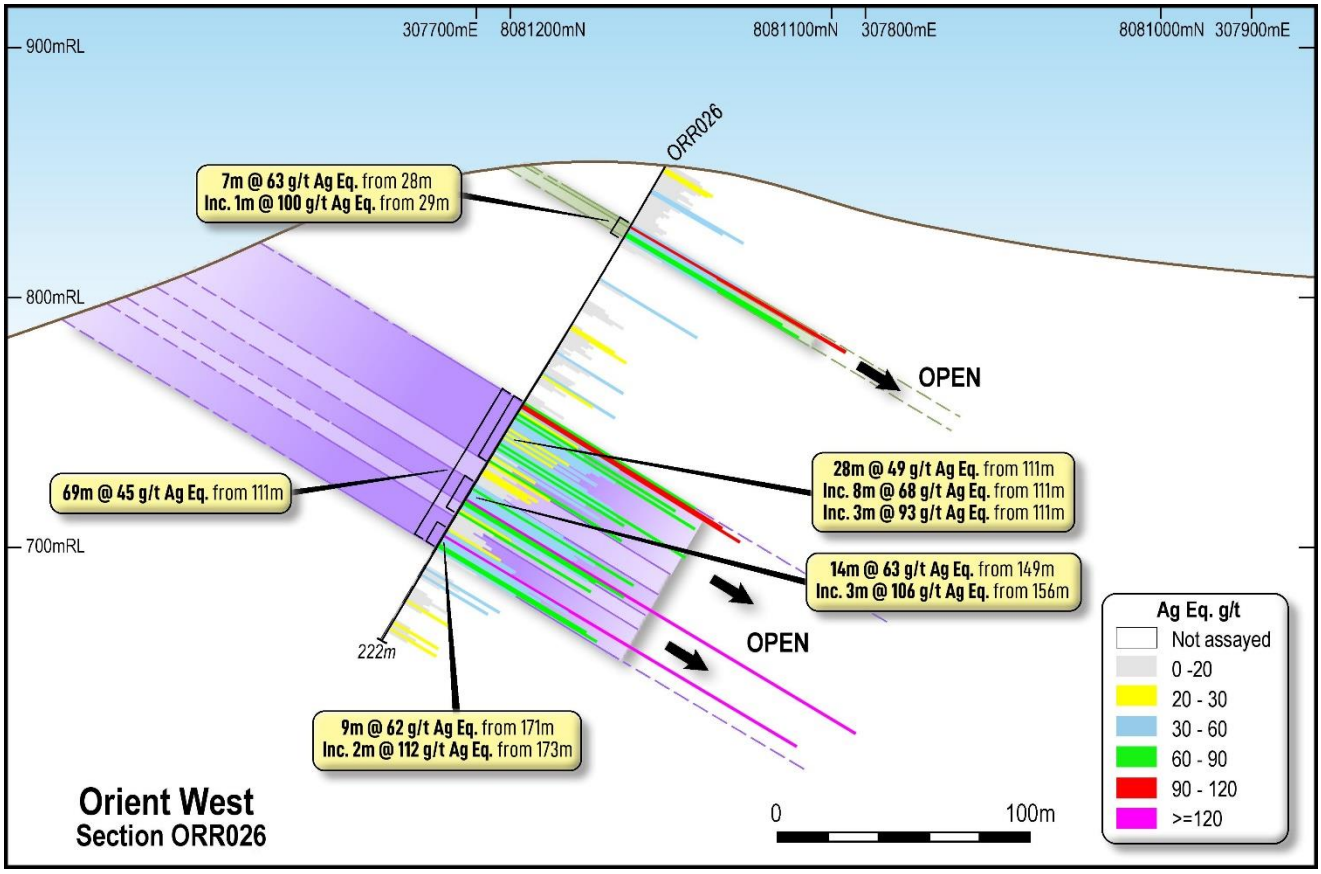


Drillholes ORR026 to ORR028 were broad spaced (150m to 200m) reconnaissance holes drilled along the prominent ridgeline and designed to test continuity of the primary vein zones previously intersected to the south. The new holes intersected multiple higher-grade silver-lead-zinc-indium vein zones within a broad background of lower-grade mineralisation.

Iltani has chosen to report material assay results but, as ORR026 (Figure 3) demonstrates, lower grade mineralisation is pervasive from surface to the end of the drill hole. The broad extent of the mineralisation provides increased confidence for the economic potential of bulk tonnage open pit mining.

Iltani believes that there is significant potential for additional vein zones at depth below the intersection in ORR026, as has been demonstrated by more dense drilling along strike to the south west. Subsequent to the planned Exploration Target estimation, additional drilling will be undertaken to infill the current relatively broad-spaced drill pattern to allow a Mineral Resource Estimation, and to test down dip and strike extensions to the current drilling.

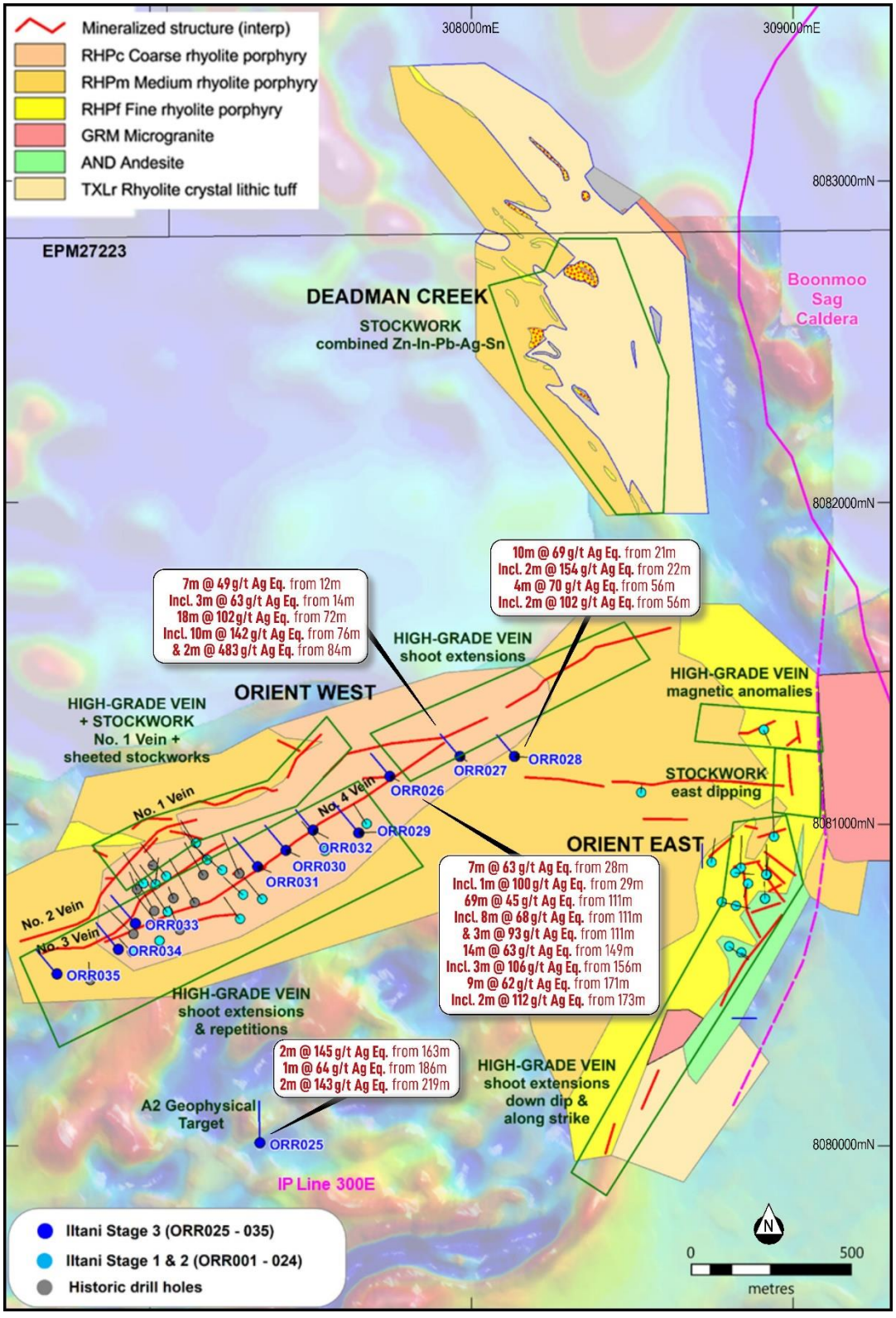
Figure 3 Orient West Section ORR026



2. Orient Project

Silver-lead-zinc-indium mineralisation at Orient has formed within the eastern margin of a volcanic caldera, with Orient East located immediately inside the rim of the caldera. Historical mining within the Orient Project has targeted structures of variable orientation, primarily northeast-southwest, north-south and east-west with local variations.

Figure 4 Orient Project

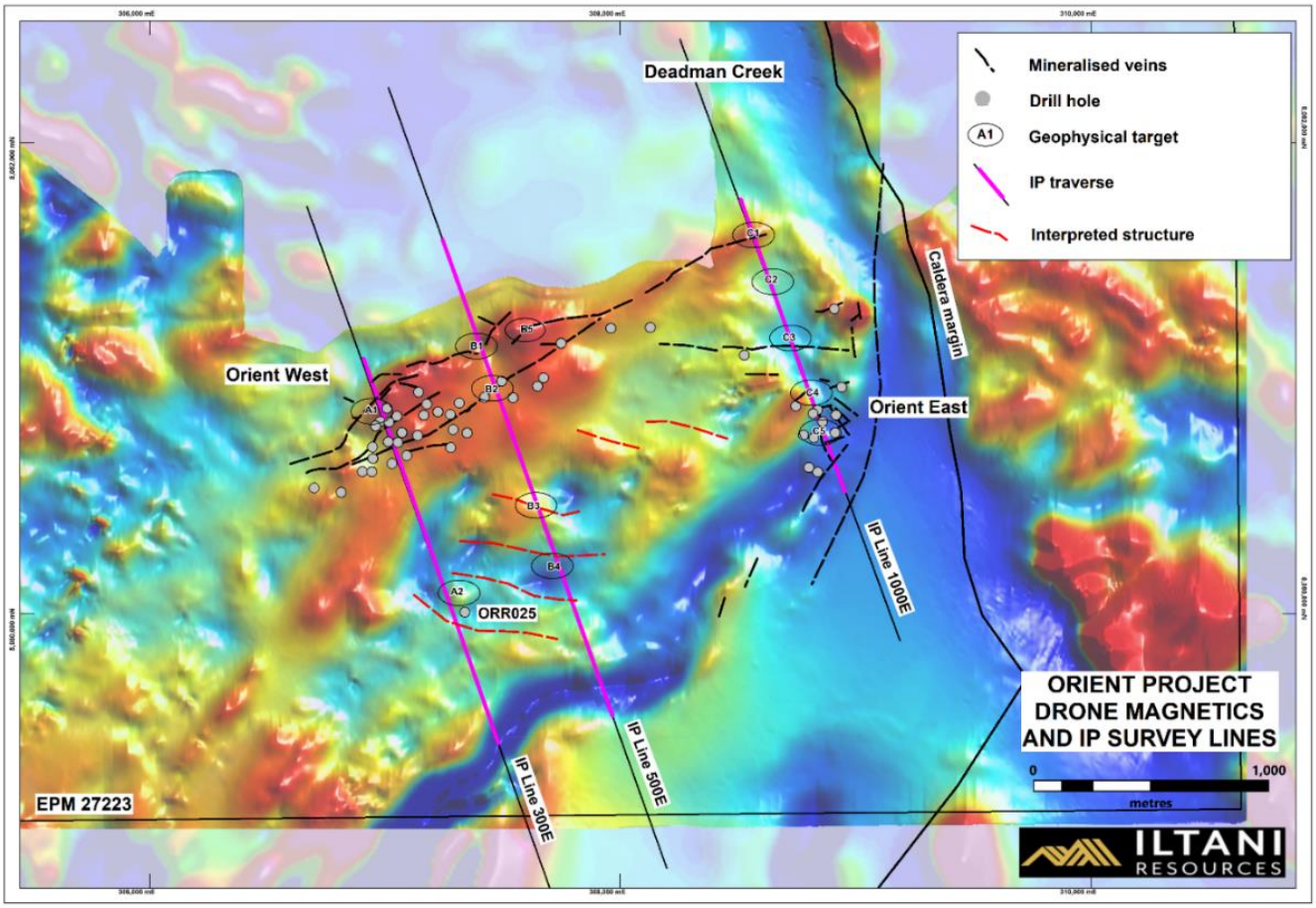


More intense magnetic highs associated with mineralisation, particularly the Orient West Zone, are produced by the presence of magnetic pyrrhotite which forms a significant portion of the polymetallic mineralisation. The magnetic signature of pyrrhotite provides an immediate drill target for drill testing in the Orient area and provides an indication for significant extensions to the drill-defined mineralisation at Orient West. In conjunction with the magnetic pyrrhotite is the semi-massive and/or disseminated nature of the high-grade polymetallic mineralisation which is discernible at depth through the application of geophysical survey methods such as Induced Polarisation (IP). ORR025 was designed to target an IP anomaly, producing significant results 650m from known mineralisation in an area with no known workings and minimal outcrop, thus proving the viability of IP as an exploration tool at Orient (refer to ASX release 5 June 2024: IP drillhole results confirm Orient mineralisation extension).

Modelling of the geophysical data has produced multiple further targets that warrant drill testing, particularly after the success of ORR025. An example is IP target C1, on line 10000E (see Figure 5). The C1 target lies at the northeastern extent of the Orient West trend, coincident with the magnetic high trend and historic workings. Iltani will plan to test this target as part of the next drilling program.

The drill results returned from ORR025 proved the applicability of IP and magnetic surveys as an exploration tool. This, in turn, has highlighted that the multiple anomalies generated on IP lines 300E, 500E and 1000E coincident with magnetic features, located between Orient West and Orient East in areas of no known historic workings and minimal outcrop are high priority exploration targets. This opens up the entire Orient Project area as having potential for significant mineralisation outside zones of known mineralisation associated with historic workings. This does not take into account extensions of the Orient East system to the north which may extend to the Deadman Creek Prospect 2km north, where previous work has returned anomalous Pb-Zn-Sn values.

Figure 5 Orient Project Geophysical Overview



3. Next Steps

Iltani has received assay results for RC holes ORR026 to ORR028, and results are pending for RC holes ORR029 to ORR035, which are currently at the assay lab.

As previously noted, Iltani has engaged Mining One to build a 3D model of the Orient System. Once the results for all holes are received, Mining One will update the Orient West model and complete an Exploration Target for Orient West.

Iltani has commenced drilling the Orient West deep diamond hole (to 750m vertical depth), targeting the down dip extension of the Orient West vein package, plus a deeper magnetic anomaly which could be representative of the mineralisation source.

Additionally, design work has commenced on the next round of drilling at Orient, expected to include:

- Orient West infill program (to support an initial Mineral Resource Estimate);
- Test the northeast extension of Orient West vein system (600m strike length);
- Orient East drill program as we advance Orient East towards an Exploration Target; and
- Testing of priority geophysical targets

Iltani looks forward to providing updates as we advance our exciting Orient discovery.

Authorisation

This announcement has been approved for issue by Donald Garner, Iltani Resources Managing Director.

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Competent Persons Statement

Exploration Results

The information in this report that relates to Exploration Results is based on information compiled by Mr Erik Norum who is a member of The Australasian Institute of Geologists (AIG), and is an employee of Iltani Resources Limited., and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves' (JORC Code).

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

Metallurgical Equivalent Calculation

The equivalent silver formula is Ag Eq. = Ag + (Pb x 35.5) + (Zn x 50.2) + (In x 0.47)

Table 2 Metal Equivalent Calculation - Recoveries and Commodity Prices

Metal	Price/Unit	Recovery
Silver	US$20/oz	87%
Lead	US$1.00/lb	90%
Zinc	US$1.50/lb	85%
Indium	US$350/kg	85%

It is Iltani's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold.

About Iltani

Iltani Resources (ASX: ILT) is an ASX listed company focused on exploration of base metals and critical minerals required to create a low emission future. It has built a portfolio of advanced exploration projects in Queensland and Tasmania with multiple high quality, drill-ready targets. Iltani has completed drilling at the Orient Silver-Indium Project, part of its Herberton Project, in Northern Queensland. The drilling has returned outstanding intercepts of silver-lead-zinc-indium mineralisation, positioning Orient as Australia's most exciting silver-indium discovery.

Other projects include the Northern Base Metal, Southern Gold and Rookwood Projects in Queensland plus the Mt Read Project, a highly strategic 99km^2 licence in Tasmania's Mt Read Volcanics (MRV) Belt, located between the world-class Rosebery and Hellyer-Que River polymetallic (CuPbZn) precious metal rich volcanic hosted massive sulphide deposits.

Figure 6 Location of Iltani Resources' projects in Queensland and Tasmania

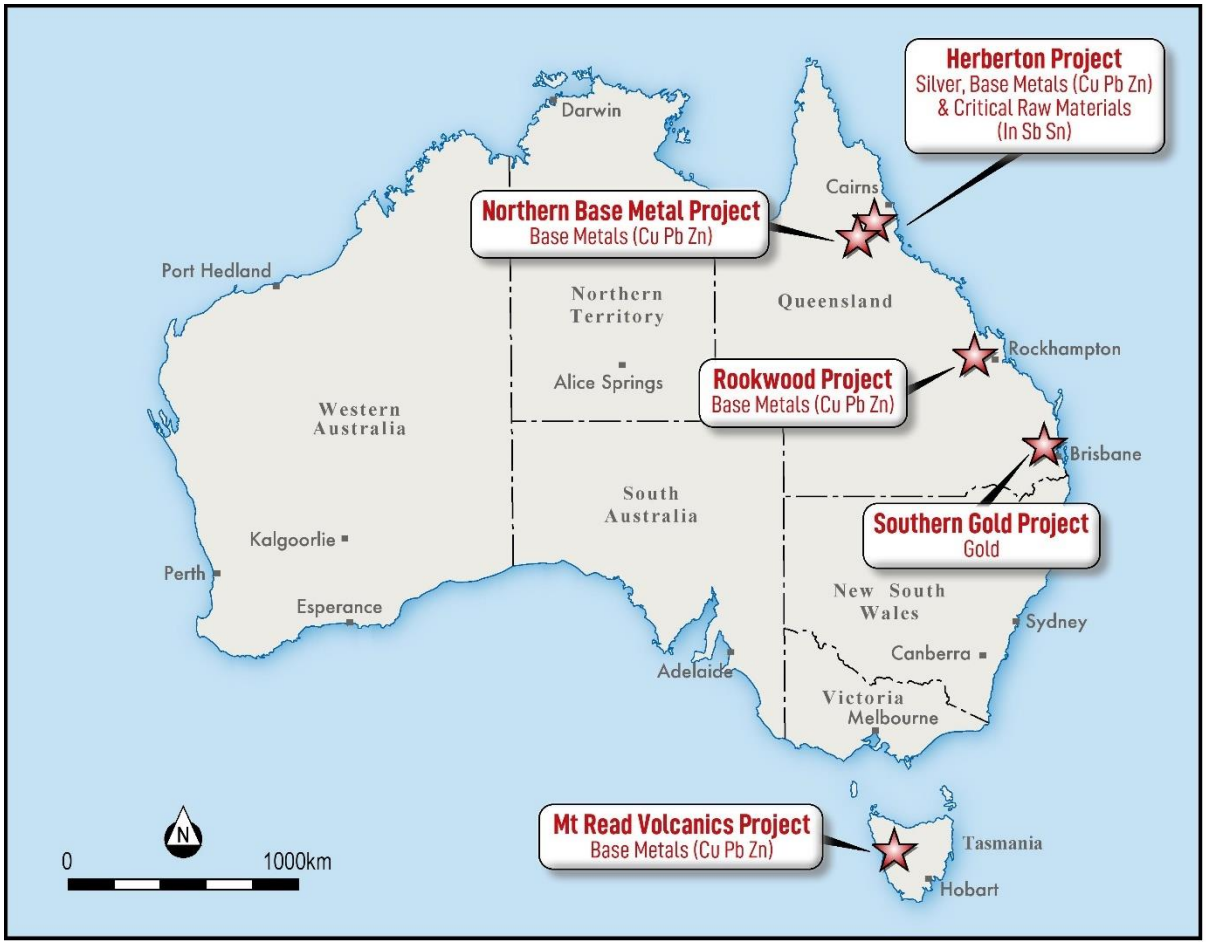

Table 3 Orient West RC Drill Program Drillhole Data

DH ID	Easting	Northing	Elevation (m)	Dip	Azi (Mag)	Azi (Grid)	Depth (m)
ORR025	307342	8080010	771	-60	360	360	252
ORR026	307746	8081149	852	-60	313.5	320	222
ORR027	307964	8081211	843	-60	313.5	320	168
ORR028	308133	8081211	829	-60	313.5	320	252
ORR029	307649	8080973	821	-60	313.5	320	270
ORR030	307423	8080919	788	-60	313.5	320	270
ORR031	307335	8080868	805	-60	313.5	320	222
ORR032	307507	8080982	796	-50	313.5	320	198
ORR033	306955	8080692	785	-50	313.5	320	172
ORR034	306902	8080611	782	-50	313.5	320	216
ORR035	306711	8080535	773	-60	313.5	320	204

Table 4 Assay Data (ORR026)

Hole ID	From	To	Intersect	Sample	Ag	In	Pb	Pb	Zn	Zn	Ag Eq
	(m)	(m)	(m)	ID	g/t	g/t	ppm	%	ppm	%	g/t
ORR026	0.00	1.00	1.00	122807	3.1	1.8	2000	0.20%	909	0.09%	15.6
ORR026	1.00	2.00	1.00	122808	3.9	0.8	1770	0.18%	1335	0.13%	17.3
ORR026	2.00	3.00	1.00	122809	3.9	1.6	3050	0.31%	1430	0.14%	22.7
ORR026	3.00	4.00	1.00	122810	3.9	0.6	1795	0.18%	2070	0.21%	20.9
ORR026	4.00	5.00	1.00	122811	5.2	9.1	1450	0.15%	729	0.07%	18.2
ORR026	5.00	6.00	1.00	122812	3.5	1.7	1420	0.14%	1395	0.14%	16.4
ORR026	6.00	7.00	1.00	122813	2.9	0.8	757	0.08%	1120	0.11%	11.6
ORR026	7.00	8.00	1.00	122814	2.6	0.3	258	0.03%	1400	0.14%	10.7
ORR026	8.00	9.00	1.00	122815	3.2	0.7	940	0.09%	1620	0.16%	15.0
ORR026	9.00	10.00	1.00	122816	4.7	1.0	1285	0.13%	1540	0.15%	17.5
ORR026	10.00	11.00	1.00	122817	3.6	1.1	509	0.05%	1030	0.10%	11.0
ORR026	11.00	12.00	1.00	122818	3.3	13.5	1050	0.11%	847	0.08%	17.6
ORR026	12.00	13.00	1.00	122819	16.1	28.8	3080	0.31%	413	0.04%	42.6
ORR026	13.00	14.00	1.00	122820	12.5	19.2	2480	0.25%	672	0.07%	33.6
ORR026	14.00	15.00	1.00	122821	4.3	3.8	1150	0.12%	907	0.09%	14.7
ORR026	15.00	16.00	1.00	122822	2.0	1.5	476	0.05%	1230	0.12%	10.5
ORR026	16.00	17.00	1.00	122823	1.4	0.9	307	0.03%	1510	0.15%	10.5
ORR026	17.00	18.00	1.00	122824	0.6	0.2	74	0.01%	1505	0.15%	8.5
ORR026	18.00	19.00	1.00	122825	2.5	0.7	703	0.07%	1285	0.13%	11.8
ORR026	19.00	20.00	1.00	122826	1.5	0.3	584	0.06%	1215	0.12%	9.9
ORR026	20.00	21.00	1.00	122827	0.9	0.3	412	0.04%	1080	0.11%	8.0
ORR026	21.00	22.00	1.00	122828	0.7	0.1	135	0.01%	1275	0.13%	7.6
ORR026	22.00	23.00	1.00	122829	0.8	0.2	121	0.01%	1290	0.13%	7.8
ORR026	23.00	24.00	1.00	122830	1.1	0.6	285	0.03%	1455	0.15%	9.7
ORR026	24.00	25.00	1.00	122831	1.2	0.4	354	0.04%	2250	0.23%	14.0
ORR026	25.00	26.00	1.00	122832	0.4	0.1	84	0.01%	2430	0.24%	13.0
ORR026	26.00	27.00	1.00	122833	0.4	0.1	78	0.01%	1785	0.18%	9.7
ORR026	27.00	28.00	1.00	122834	0.4	0.1	57	0.01%	2150	0.22%	11.4
ORR026	28.00	29.00	1.00	122835	10.5	26.6	2150	0.22%	4260	0.43%	52.0
ORR026	29.00	30.00	1.00	122836	22.1	48.3	3570	0.36%	8410	0.84%	99.7
ORR026	30.00	31.00	1.00	122837	9.0	10.6	1935	0.19%	3900	0.39%	40.4
ORR026	31.00	32.00	1.00	122838	14.7	9.6	3350	0.34%	4010	0.40%	51.2
ORR026	32.00	33.00	1.00	122839	14.3	36.0	2030	0.20%	6760	0.68%	72.4
ORR026	33.00	34.00	1.00	122841	17.2	33.2	3320	0.33%	7170	0.72%	80.6
ORR026	34.00	35.00	1.00	122842	9.9	6.8	2440	0.24%	4250	0.43%	43.0
ORR026	35.00	36.00	1.00	122843	1.2	0.9	245	0.02%	3120	0.31%	18.2
ORR026	36.00	37.00	1.00	122844	0.8	1.2	161	0.02%	2880	0.29%	16.4
ORR026	37.00	38.00	1.00	122845	0.6	1.0	120	0.01%	1185	0.12%	7.4

Table 4 Assay Data (ORR026) (continued)

Hole ID	From	To	Intersect	Sample	Ag	In	Pb	Pb	Zn	Zn	Ag Eq
	(m)	(m)	(m)	ID	g/t	g/t	ppm	%	ppm	%	g/t
ORR026	111.00	112.00	1.00	122886	21.4	2.0	6180	0.62%	7310	0.73%	81.0
ORR026	112.00	113.00	1.00	122887	27.0	3.1	6950	0.70%	8160	0.82%	94.1
ORR026	113.00	114.00	1.00	122888	33.0	9.8	7470	0.75%	7740	0.77%	103.0
ORR026	114.00	115.00	1.00	122889	6.6	14.8	1130	0.11%	5820	0.58%	46.7
ORR026	115.00	116.00	1.00	122890	10.5	5.2	1125	0.11%	2260	0.23%	28.2
ORR026	116.00	117.00	1.00	122891	32.8	8.3	4760	0.48%	4180	0.42%	74.6
ORR026	117.00	118.00	1.00	122892	10.8	6.9	1465	0.15%	2540	0.25%	32.0
ORR026	118.00	119.00	1.00	122893	29.8	10.0	4250	0.43%	7050	0.71%	85.0
ORR026	119.00	120.00	1.00	122894	12.4	3.2	3570	0.36%	4280	0.43%	48.1
ORR026	120.00	121.00	1.00	122895	11.3	6.7	2090	0.21%	3900	0.39%	41.5
ORR026	121.00	122.00	1.00	122896	12.1	4.3	2520	0.25%	2890	0.29%	37.5
ORR026	122.00	123.00	1.00	122897	10.2	5.7	2000	0.20%	3260	0.33%	36.4
ORR026	123.00	124.00	1.00	122898	8.9	3.0	1965	0.20%	2300	0.23%	28.8
ORR026	124.00	125.00	1.00	122899	11.1	8.0	2570	0.26%	3660	0.37%	42.4
ORR026	125.00	126.00	1.00	122900	7.1	2.2	1880	0.19%	1920	0.19%	24.4
ORR026	126.00	127.00	1.00	122901	9.4	7.6	1830	0.18%	3220	0.32%	35.6
ORR026	127.00	128.00	1.00	122902	7.3	2.9	1725	0.17%	1805	0.18%	23.8
ORR026	128.00	129.00	1.00	122903	11.5	4.4	2690	0.27%	3440	0.34%	40.3
ORR026	129.00	130.00	1.00	122904	13.4	6.1	3100	0.31%	5090	0.51%	52.8
ORR026	130.00	131.00	1.00	122905	19.6	8.4	4980	0.50%	9260	0.93%	87.7
ORR026	131.00	132.00	1.00	122906	13.5	6.4	3370	0.34%	5430	0.54%	55.7
ORR026	132.00	133.00	1.00	122907	18.6	7.7	3940	0.39%	4780	0.48%	60.2
ORR026	133.00	134.00	1.00	122908	11.8	6.7	2490	0.25%	3760	0.38%	42.7
ORR026	134.00	135.00	1.00	122909	2.7	1.4	952	0.10%	944	0.09%	11.5
ORR026	135.00	136.00	1.00	122910	16.7	5.1	2800	0.28%	4240	0.42%	50.3
ORR026	136.00	137.00	1.00	122911	6.2	2.3	1435	0.14%	1720	0.17%	21.0
ORR026	137.00	138.00	1.00	122912	3.1	1.1	825	0.08%	842	0.08%	10.8
ORR026	138.00	139.00	1.00	122913	26.0	5.6	4340	0.43%	3680	0.37%	62.5
ORR026	139.00	140.00	1.00	122914	8.1	4.4	1800	0.18%	2610	0.26%	29.6
ORR026	140.00	141.00	1.00	122915	3.8	2.2	1085	0.11%	1185	0.12%	14.6
ORR026	141.00	142.00	1.00	122916	2.0	1.1	698	0.07%	676	0.07%	8.4
ORR026	142.00	143.00	1.00	122917	6.9	4.1	1530	0.15%	2270	0.23%	25.7
ORR026	143.00	144.00	1.00	122918	5.3	3.9	1310	0.13%	1890	0.19%	21.3
ORR026	144.00	145.00	1.00	122919	6.0	3.6	1525	0.15%	2080	0.21%	23.5
ORR026	145.00	146.00	1.00	122921	4.5	2.9	1270	0.13%	1605	0.16%	18.4
ORR026	146.00	147.00	1.00	122922	3.4	2.6	887	0.09%	1180	0.12%	13.7
ORR026	147.00	148.00	1.00	122923	4.0	3.0	1060	0.11%	1425	0.14%	16.3
ORR026	148.00	149.00	1.00	122924	4.1	1.8	1035	0.10%	999	0.10%	13.6
ORR026	149.00	150.00	1.00	122925	10.6	9.2	2230	0.22%	3750	0.38%	41.7
ORR026	150.00	151.00	1.00	122926	21.6	7.6	3210	0.32%	3450	0.35%	53.9
ORR026	151.00	152.00	1.00	122927	25.9	13.8	4190	0.42%	5690	0.57%	75.8

Table 4 Assay Data (ORR026) (continued)

Hole ID	From	To	Intersect	Sample	Ag	In	Pb	Pb	Zn	Zn	Ag Eq
	(m)	(m)	(m)	ID	g/t	g/t	ppm	%	ppm	%	g/t
ORR026	152.00	153.00	1.00	122928	14.2	14.3	2540	0.25%	5630	0.56%	58.2
ORR026	153.00	154.00	1.00	122929	15.1	9.6	2530	0.25%	4080	0.41%	49.0
ORR026	154.00	155.00	1.00	122930	12.8	10.8	2480	0.25%	4870	0.49%	51.1
ORR026	155.00	156.00	1.00	122931	13.4	8.8	2800	0.28%	4390	0.44%	49.5
ORR026	156.00	157.00	1.00	122932	63.5	36.7	11600	1.16%	12000	1.20%	182.2
ORR026	157.00	158.00	1.00	122933	23.7	11.5	5600	0.56%	5160	0.52%	74.9
ORR026	158.00	159.00	1.00	122934	13.8	9.1	4730	0.47%	5460	0.55%	62.2
ORR026	159.00	160.00	1.00	122935	11.2	11.6	3590	0.36%	5940	0.59%	59.2
ORR026	160.00	161.00	1.00	122936	7.8	6.5	2490	0.25%	3610	0.36%	37.8
ORR026	161.00	162.00	1.00	122937	6.1	3.9	1690	0.17%	2130	0.21%	24.6
ORR026	162.00	163.00	1.00	122938	19.5	11.2	4080	0.41%	4630	0.46%	62.4
ORR026	163.00	164.00	1.00	122939	4.2	1.1	914	0.09%	1920	0.19%	17.6
ORR026	164.00	165.00	1.00	122940	3.0	1.1	975	0.10%	1295	0.13%	13.5
ORR026	165.00	166.00	1.00	122941	3.6	1.1	1055	0.11%	1195	0.12%	13.9
ORR026	166.00	167.00	1.00	122942	2.7	1.1	761	0.08%	851	0.09%	10.2
ORR026	167.00	168.00	1.00	122943	4.2	1.6	1260	0.13%	1395	0.14%	16.4
ORR026	168.00	169.00	1.00	122944	4.9	2.0	1470	0.15%	1710	0.17%	19.7
ORR026	169.00	170.00	1.00	122945	3.7	1.5	1225	0.12%	1470	0.15%	16.1
ORR026	170.00	171.00	1.00	122946	5.6	2.2	1995	0.20%	2270	0.23%	25.0
ORR026	171.00	172.00	1.00	122947	7.5	3.7	2350	0.24%	2970	0.30%	32.5
ORR026	172.00	173.00	1.00	122948	7.3	6.8	1860	0.19%	2870	0.29%	31.5
ORR026	173.00	174.00	1.00	122949	89.3	13.3	12600	1.26%	4850	0.49%	164.6
ORR026	174.00	175.00	1.00	122950	14.4	11.2	3680	0.37%	5200	0.52%	58.8
ORR026	175.00	176.00	1.00	122951	15.2	9.8	1650	0.17%	3090	0.31%	41.1
ORR026	176.00	177.00	1.00	122952	13.0	8.2	2950	0.30%	3940	0.39%	47.0
ORR026	177.00	178.00	1.00	122953	16.5	18.4	3420	0.34%	6370	0.64%	69.2
ORR026	178.00	179.00	1.00	122954	18.1	15.3	4630	0.46%	6570	0.66%	74.7
ORR026	179.00	180.00	1.00	122955	10.0	4.1	2950	0.30%	3000	0.30%	37.5

Table 5 Assay Data (ORR027)

Hole ID	From	To	Intersect	Sample	Ag	In	Pb	Pb	Zn	Zn	Ag Eq
	(m)	(m)	(m)	ID	g/t	g/t	ppm	%	ppm	%	g/t
ORR027	0.00	1.00	1.00	122979	4.6	1.5	2570	0.26%	1900	0.19%	24.0
ORR027	1.00	2.00	1.00	122980	5.1	1.2	1935	0.19%	2460	0.25%	24.8
ORR027	2.00	3.00	1.00	122981	10.1	5.1	3620	0.36%	2550	0.26%	38.1
ORR027	3.00	4.00	1.00	122982	5.9	3.6	4740	0.47%	2700	0.27%	37.9
ORR027	4.00	5.00	1.00	122983	5.2	0.9	1750	0.18%	2410	0.24%	24.0
ORR027	5.00	6.00	1.00	122984	3.5	0.3	596	0.06%	1955	0.20%	15.6
ORR027	6.00	7.00	1.00	122985	2.2	0.4	352	0.04%	1560	0.16%	11.5
ORR027	7.00	8.00	1.00	122986	5.3	0.2	375	0.04%	2590	0.26%	19.7
ORR027	8.00	9.00	1.00	122987	3.5	0.1	151	0.02%	1760	0.18%	12.9
ORR027	9.00	10.00	1.00	122988	3.2	0.1	121	0.01%	1440	0.14%	10.9
ORR027	10.00	11.00	1.00	122989	4.7	0.2	237	0.02%	3320	0.33%	22.3
ORR027	11.00	12.00	1.00	122990	5.6	1.3	2630	0.26%	1525	0.15%	23.2
ORR027	12.00	13.00	1.00	122991	13.8	10.6	4160	0.42%	1695	0.17%	42.1
ORR027	13.00	14.00	1.00	122992	7.6	1.4	1735	0.17%	1655	0.17%	22.7
ORR027	14.00	15.00	1.00	122993	32.6	18.0	8340	0.83%	3860	0.39%	90.0
ORR027	15.00	16.00	1.00	122994	8.3	3.4	2010	0.20%	5030	0.50%	42.3
ORR027	16.00	17.00	1.00	122995	14.3	5.0	4210	0.42%	4830	0.48%	55.8
ORR027	17.00	18.00	1.00	122996	2.9	1.0	924	0.09%	1275	0.13%	13.1
ORR027	18.00	19.00	1.00	122997	17.8	11.0	5950	0.60%	7240	0.72%	80.4
ORR027	19.00	20.00	1.00	122998	1.1	0.6	372	0.04%	1305	0.13%	9.3
ORR027	71.00	72.00	1.00	123028	1.6	0.8	848	0.08%	1060	0.11%	10.3
ORR027	72.00	73.00	1.00	123029	8.8	2.2	3330	0.33%	4080	0.41%	42.1
ORR027	73.00	74.00	1.00	123030	15.0	1.8	4250	0.43%	4670	0.47%	54.4
ORR027	74.00	75.00	1.00	123031	14.3	2.1	4030	0.40%	4290	0.43%	51.1
ORR027	75.00	76.00	1.00	123032	13.2	3.0	3960	0.40%	4380	0.44%	50.6
ORR027	76.00	77.00	1.00	123033	17.6	4.9	5650	0.57%	6390	0.64%	72.0
ORR027	77.00	78.00	1.00	123034	20.9	6.1	6530	0.65%	6850	0.69%	81.3
ORR027	78.00	79.00	1.00	123035	19.9	8.7	5360	0.54%	7490	0.75%	80.6
ORR027	79.00	80.00	1.00	123036	10.3	7.0	2430	0.24%	6240	0.62%	53.5
ORR027	80.00	81.00	1.00	123037	7.1	7.2	1120	0.11%	5630	0.56%	42.7
ORR027	81.00	82.00	1.00	123038	10.9	15.5	1485	0.15%	7630	0.76%	61.7
ORR027	82.00	83.00	1.00	123039	8.2	6.1	378	0.04%	2590	0.26%	25.4
ORR027	83.00	84.00	1.00	123041	16.8	5.0	732	0.07%	2430	0.24%	33.9
ORR027	84.00	85.00	1.00	123042	112.0	15.5	46300	4.63%	24200	2.42%	405.1
ORR027	85.00	86.00	1.00	123043	205.0	47.1	40800	4.08%	37800	3.78%	561.7
ORR027	86.00	87.00	1.00	123044	20.0	3.6	3770	0.38%	2820	0.28%	49.2
ORR027	87.00	88.00	1.00	123045	12.7	3.7	2460	0.25%	2490	0.25%	35.6
ORR027	88.00	89.00	1.00	123046	16.3	8.0	2680	0.27%	5840	0.58%	58.9
ORR027	89.00	90.00	1.00	123047	27.6	3.3	5650	0.57%	5400	0.54%	76.3
ORR027	90.00	91.00	1.00	123048	6.8	1.0	1640	0.16%	1550	0.16%	20.9

Table 5 Assay Data (ORR027) (continued)

Hole ID	From	To	Intersect	Sample	Ag	In	Pb	Pb	Zn	Zn	Ag Eq
	(m)	(m)	(m)	ID	g/t	g/t	ppm	%	ppm	%	g/t
ORR027	91.00	92.00	1.00	123049	4.4	1.0	1235	0.12%	1105	0.11%	14.8
ORR027	92.00	93.00	1.00	123050	6.7	2.4	2120	0.21%	1965	0.20%	25.2
ORR027	93.00	94.00	1.00	123051	6.3	1.8	1815	0.18%	1600	0.16%	21.6
ORR027	94.00	95.00	1.00	123052	3.3	1.0	1045	0.10%	990	0.10%	12.4
ORR027	95.00	96.00	1.00	123053	2.7	1.1	955	0.10%	966	0.10%	11.4
ORR027	96.00	97.00	1.00	123054	3.0	1.4	1140	0.11%	1270	0.13%	14.1
ORR027	97.00	98.00	1.00	123055	2.5	1.2	1075	0.11%	1360	0.14%	13.7
ORR027	98.00	99.00	1.00	123056	2.5	1.0	925	0.09%	1170	0.12%	12.1
ORR027	99.00	100.00	1.00	123057	2.3	1.1	951	0.10%	1075	0.11%	11.6
ORR027	100.00	101.00	1.00	123058	9.1	2.7	2610	0.26%	2910	0.29%	34.3
ORR027	101.00	102.00	1.00	123059	3.6	1.1	1090	0.11%	1270	0.13%	14.4
ORR027	102.00	103.00	1.00	123060	3.1	1.2	1025	0.10%	1245	0.12%	13.6
ORR027	103.00	104.00	1.00	123061	2.3	1.2	891	0.09%	925	0.09%	10.7
ORR027	104.00	105.00	1.00	123062	2.3	1.6	1020	0.10%	1795	0.18%	15.7
ORR027	105.00	106.00	1.00	123063	6.8	12.0	1860	0.19%	4630	0.46%	42.3
ORR027	106.00	107.00	1.00	123064	5.2	3.1	1810	0.18%	1890	0.19%	22.6

Table 6 Assay Data (ORR028)

Hole ID	From	To	Intersect	Sample	Ag	In	Pb	Pb	Zn	Zn	Ag Eq
	(m)	(m)	(m)	ID	g/t	g/t	ppm	%	ppm	%	g/t
ORR028	20.00	21.00	1.00	123137	8.8	1.7	3380	0.34%	2510	0.25%	29.6
ORR028	21.00	22.00	1.00	123138	10.9	8.6	8400	0.84%	5630	0.56%	51.9
ORR028	22.00	23.00	1.00	123139	38.1	28.6	13050	1.31%	8790	0.88%	116.1
ORR028	23.00	24.00	1.00	123140	74.0	6.9	4750	0.48%	11700	1.17%	192.5
ORR028	24.00	25.00	1.00	123141	19.9	1.1	895	0.09%	4030	0.40%	60.2
ORR028	25.00	26.00	1.00	123142	4.5	0.6	626	0.06%	1155	0.12%	14.0
ORR028	26.00	27.00	1.00	123143	2.2	4.6	6720	0.67%	1530	0.15%	12.4
ORR028	27.00	28.00	1.00	123144	24.2	2.6	5230	0.52%	7660	0.77%	88.7
ORR028	28.00	29.00	1.00	123145	16.3	1.0	2620	0.26%	5630	0.56%	64.3
ORR028	29.00	30.00	1.00	123146	7.5	2.5	4020	0.40%	4000	0.40%	37.4
ORR028	30.00	31.00	1.00	123147	10.8	0.5	954	0.10%	4830	0.48%	50.4
ORR028	31.00	32.00	1.00	123148	2.5	0.8	1040	0.10%	2810	0.28%	20.2
ORR028	32.00	33.00	1.00	123149	3.1	0.2	303	0.03%	2380	0.24%	19.1
ORR028	33.00	34.00	1.00	123150	0.9	0.2	272	0.03%	524	0.05%	4.7
ORR028	34.00	35.00	1.00	123151	0.9	0.4	1035	0.10%	1010	0.10%	7.0
ORR028	35.00	36.00	1.00	123152	2.7	0.8	4670	0.47%	2670	0.27%	20.0
ORR028	36.00	37.00	1.00	123153	14.2	0.4	1495	0.15%	3630	0.36%	49.4
ORR028	37.00	38.00	1.00	123154	4.2	0.2	970	0.10%	1560	0.16%	17.5
ORR028	38.00	39.00	1.00	123155	2.1	0.3	1755	0.18%	1760	0.18%	14.5
ORR028	39.00	40.00	1.00	123156	4.9	0.5	1490	0.15%	2280	0.23%	22.8
ORR028	40.00	41.00	1.00	123157	4.3	0.1	272	0.03%	2230	0.22%	21.1
ORR028	41.00	42.00	1.00	123158	0.7	0.3	1690	0.17%	855	0.09%	6.0
ORR028	42.00	43.00	1.00	123159	4.8	0.4	4360	0.44%	3040	0.30%	26.2
ORR028	43.00	44.00	1.00	123161	1.2	0.4	1790	0.18%	3000	0.30%	18.3
ORR028	44.00	45.00	1.00	123162	4.6	0.1	197	0.02%	6160	0.62%	42.1
ORR028	45.00	46.00	1.00	123163	0.5	1.0	2830	0.28%	1040	0.10%	6.5
ORR028	46.00	47.00	1.00	123164	7.9	0.5	1185	0.12%	2730	0.27%	32.1
ORR028	47.00	48.00	1.00	123165	3.6	0.1	245	0.02%	4200	0.42%	29.1
ORR028	48.00	49.00	1.00	123166	0.7	2.9	2160	0.22%	556	0.06%	4.4
ORR028	49.00	50.00	1.00	123167	7.1	0.1	250	0.03%	2600	0.26%	29.2
ORR028	50.00	51.00	1.00	123168	0.8	1.7	3380	0.34%	481	0.05%	4.2
ORR028	51.00	52.00	1.00	123169	0.3	0.1	69	0.01%	187	0.02%	1.5
ORR028	52.00	53.00	1.00	123170	2.8	0.3	704	0.07%	780	0.08%	9.3
ORR028	53.00	54.00	1.00	123171	0.6	0.0	177	0.02%	276	0.03%	2.7
ORR028	54.00	55.00	1.00	123172	0.4	0.1	132	0.01%	228	0.02%	2.0
ORR028	55.00	56.00	1.00	123173	1.6	0.3	563	0.06%	480	0.05%	6.2
ORR028	56.00	57.00	1.00	123174	38.5	12.9	10150	1.02%	8740	0.87%	124.5
ORR028	57.00	58.00	1.00	123175	23.5	7.8	6670	0.67%	5630	0.56%	79.1
ORR028	58.00	59.00	1.00	123176	18.3	4.1	4070	0.41%	3900	0.39%	54.2
ORR028	59.00	60.00	1.00	123177	6.4	1.4	1610	0.16%	1480	0.15%	20.2

JORC Code, 2012 Edition – Table 1 (Iltani Drilling)
Section 1 Sampling Techniques and Data
(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • Aspects of the determination of mineralisation that are Material to the Public Report. • In cases where 'industry standard' work has been done this would be relatively simple (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.	• Drilling reported is reverse circulation (RC) drilling. • Iltani Resources completed 11 RC holes for 2,446m drilled. The drilling was completed by Dubbo, NSW based drilling contractors Durock Drilling Pty Ltd. • RC drilling returned samples through a fully enclosed cyclone system, then via a remote controlled gate into a cone splitter. 1m RC samples were homogenised and collected by a static cone splitter to produce a representative 3-5kg sub sample. • Select 1m increment RC sub-samples were bagged and sent to Australian Laboratory Services Pty Ltd (ALS) in Townsville for preparation and analysis. • Preparation consisted of drying of the sample and the entire sample being crushed to 70% passing 6mm and pulverised to 85% passing 75 microns in a ring and puck pulveriser. • Analysis consisted of four acid digest with Inductively Coupled Plasma Mass Spectrometry (ICP-MS) (ME-MS61) analysis for the following elements: Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y Zn, Zr. • Ore grade sample analysis consisted of four acid digest with Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP-AES) finish. This was carried out for Ag, Pb, Zn, Sn & In. • Indium over range sample analysis was carried out using Inductively Coupled Plasma Mass Spectrometry (ICP-MS) (ME-MS61) (In-ICP61) at ALS Vancouver facility in Canada
Drilling techniques	• Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard	• The drilling was completed using a truck mounted RC rig utilising 6m rods with reverse circulation

Criteria	JORC Code explanation	Commentary
	tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	capability. • Drilling diameter was 6.5 inch RC hammer using a face sampling bit. • RC hole length ranged from 168m to 270m with average hole length of 222m. • Downhole surveys were undertaken at nominal 30m intervals during drilling utilising a digitally controlled IMDEX Gyro instrument
Drill sample recovery	• Method of recording and assessing core and chip sample recoveries and results assessed. • Measures taken to maximise sample recovery and ensure representative nature of the samples. • Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	• All samples were weighted and weights recorder in the logging sheet. Samples with no recovery or very low recoveries were recorded also in the logging sheet. A few samples were collected wet due to rig unable to keep the hole dry. Wet samples were noted in the logging sheet. • Iltani personnel and Durock Drilling crew monitor sample recovery, size and moisture, making appropriate adjustments as required to maintain quality. • A cone splitter is mounted beneath the cyclone to ensure representative samples are collected. • The cyclone and cone splitter were cleaned with compressed air necessary to minimise contamination. • No significant contamination or bias has been noted in the current drilling.
Logging	• Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. • Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. • The total length and percentage of the relevant intersections logged.	• Geological logging was carried out on RC chips by suitably qualified geologists. Lithology, veining, alteration, mineralisation and weathering are recorded in the geology table of the drill hole database. Final and detailed geological logs were forwarded from the field following sampling. • Geological logging of the RC samples is qualitative and descriptive in nature. • Observations were recorded appropriate to the sample type based on visual field estimates of sulphide content and sulphide mineral species. • During the logging process Iltani retained representative samples

Criteria	JORC Code explanation	Commentary
		(stored in chip trays) for future reference. All RC chip trays are photographed and the images electronically stored. • All drill holes are logged to the end of hole (EoH).
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. • Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. • Whether sample sizes are appropriate to the grain size of the material being sampled.	• 1m increment samples were collected off the drill rig via cyclone - cone splitter into calico bags with a respective weight between 3-5kg. • The onsite geologist selects the mineralised interval from logging of washed RC chips, based on identification of either rock alteration and/or visual sulphides. • A portable pXRF analyser was used to confirm the mineralised intervals, and any sample > 1000ppm Pb, Zn or Pb & Zn was selected for assay. • Industry standard sample preparation is conducted under controlled conditions within the laboratory and is considered appropriate for the sample types. • QAQC samples (standards, blanks and field duplicates) were submitted at a frequency of at least 1 in 20. Regular reviews of the sampling were carried out by Iltani Geologist to ensure all procedures and best industry practice were followed. • Sample sizes and preparation techniques are considered appropriate for the nature of mineralisation.
Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. • For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. • Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	• Industry standard assay techniques were used to assay for silver and base metal mineralisation (ICP for multi-elements with a four-acid digest) • No geophysical tools, spectrometers or handheld XRF instruments have been used to determine assay results for any elements. • Monitoring of results of blanks, duplicates and standards (inserted at a minimum rate of 1:20) is conducted regularly. QAQC data is reviewed for bias prior to uploading results in the database.

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	• The verification of significant intersections by either independent or alternative company personnel. • The use of twinned holes. • Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. • Discuss any adjustment to assay data.	• No drill holes were twinned. • Primary data is collected in the field via laptops in a self-validating data entry form; data verification and storage are accomplished by Iltani contractor and staff personnel. • All drillhole data was compiled in Excel worksheets and imported into Micromine in order to query 3D data and generate drill plans and cross sections.
Location of data points	• Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. • Specification of the grid system used. • Quality and adequacy of topographic control.	• Drill hole collar locations are initially set out using a hand held GPS. • Downhole surveys completed at nominal 30m intervals by driller using a digitally controlled IMDEX Gyro instrument. • All exploration works are conducted in the GDA94 zone 55 grid. • Topographic control is based on airborne geophysical survey and it is considered adequate.
Data spacing and distribution	• Data spacing for reporting of Exploration Results. • Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • Whether sample compositing has been applied.	• Drilling was targeted on selected veins and areas of potential stockwork mineralisation. • Drill hole spacing is not adequate to report geological or grade continuity. • No sample compositing has been applied.
Orientation of data in relation to geological structure	• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. • If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	• The drill holes were orientated in order to intersect the interpreted mineralisation zones as perpendicular as possible based on information to date. • Due to locally varying intersection angles between drillholes and lithological units all results will be defined as downhole widths. • No drilling orientation and sampling bias has been recognised at this time and it is not considered to have introduced a sampling bias.
Sample security	• The measures taken to ensure sample security.	• Samples were stored in sealed polyweave bags at the drill rig then put on a pallet and transported to ALS Townsville by using a freight carrying company.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• No audits or reviews have been carried out at this point

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. • The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	• The drill program was conducted on EPM27223. • EPM27223 is wholly owned by Iltani Resources Limited • All leases/tenements are in good standing
Exploration done by other parties	• Acknowledgment and appraisal of exploration by other parties.	• Exploration activities have been carried out (underground mapping, diamond drilling, surface geochemical surveys and surface mapping, pre-feasibility study) by Great Northern Mining Corporation and Mareeba Mining and Exploration over the West and East Orient areas from 1978 to 1989. • Exploration activities have been carried out (soils and rock chip sampling) around Orient West and East by Monto Minerals Limited from 2014 to 2017 • Red River Resources carried out mapping, sampling and geophysical exploration (drone mag survey and IP survey) in 2020 and 2021.
Geology	• Deposit type, geological setting and style of mineralisation.	• Mineralisation occurs in vein systems up to 2m wide (controlled by fractures/shears) containing argentiferous galena, cerussite, anglesite, sphalerite, pyrite, marmatite, cassiterite (minor), and stannite (minor). • The lead-zinc-silver-indium mineralisation at Orient is believed to represent part of an epithermal precious metals system. The Orient vein and stockwork mineralisation are associated with a strongly faulted and deeply fractured zone near the margin of a major caldera subsidence structure
Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes, including, easting and northing, elevation or RL, dip and azimuth, down hole length, interception depth and hole length. • If the exclusion of this information is justified the Competent Person should clearly explain why this is the case.	• Iltani Resources completed 11 RC (Reverse Circulation) drill holes for 2,446m drilled. • Refer to Table 4 (Orient West RC Drill Program Drillhole Data) and Table 5 (Assay Data ORR025), in attached ASX release which provide the required data.

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td>Data aggregation methods</td><td>• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.
• Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.
• The assumptions used for any reporting of metal equivalent values should be clearly stated.</td><td>• No data aggregation methods have been used.
• Metal equivalents are used (silver equivalent)
• The equivalent silver formula is Ag Eq. = Ag + (Pb x 35.5) + (Zn x 50.2) + (In x 0.47)

Metal Equivalent Calculation - Recoveries and Commodity Prices
<table><tr><td>Metal</td><td>Price/Unit</td><td>Recovery</td></tr><tr><td>Silver</td><td>US$20/oz</td><td>87%</td></tr><tr><td>Lead</td><td>US$1.00/lb</td><td>90%</td></tr><tr><td>Zinc</td><td>US$1.50/lb</td><td>85%</td></tr><tr><td>Indium</td><td>US$300/kg</td><td>85%</td></tr></table>
• It is Iltani's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold.</td></tr>
<tr><td>Relationship between mineralisation widths and intercept lengths</td><td>• These relationships are particularly important in the reporting of Exploration Results.
• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.
• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</td><td>• Drilling is generally perpendicular to the structure by angled RC at 50° to 65° into structures dipping between 30° and 60°.</td></tr>
<tr><td>Diagrams</td><td>• 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 plans and sections.</td><td>• Refer to plans and sections within report</td></tr>
<tr><td>Balanced reporting</td><td>• 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.</td><td>• The accompanying document is considered to represent a balanced report</td></tr>
<tr><td>Other substantive exploration data</td><td>• Other exploration data, if meaningful and material, should be reported.</td><td>• All meaningful and material data is reported</td></tr>
<tr><td>Further work</td><td>• The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</td><td>• Exploration of the target area is ongoing. Iltani plans to follow up on the positive drilling results with further field work including mapping and rock chip/soil sampling and drilling is planned</td></tr>
</table>