



23 January 2025

First infill holes at Orient West deliver up to 1933 g/t silver equivalent

Silver and base metals explorer **Iltani Resources Limited** (ASX: ILT, “Iltani” or “the Company”) is pleased to report outstanding results from the initial seven drillholes of the Orient West JORC Infill drilling program at its Orient Silver-Indium Project in Herberton, North Queensland.

HIGHLIGHTS:

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- **Outstanding results received from the initial seven RC drill holes (ORR062 to ORR068) of a planned 42 hole JORC Infill drilling program at Orient West. Material results include:**
 - **ORR062: 7m @ 203.6 g/t Ag Eq.** from 54m inc. **3m @ 403.7 g/t Ag Eq.** from 57m downhole.
 - **ORR065: 4m @ 261.2 g/t Ag Eq.** from 38m inc. **2m @ 464.1 g/t Ag Eq.** from 40m plus **7m @ 93.2 g/t Ag Eq.** from 95m inc. **2m @ 215.7 g/t Ag Eq.** from 100m downhole.
 - **ORR066: 3m @ 403.6 g/t Ag Eq.** from 28m inc. **1m @ 1118.7 g/t Ag Eq.** from 29m downhole plus **7m @ 313.7 g/t Ag Eq.** from 104m inc. **3m @ 660.9 g/t Ag Eq.** from 105m inc. **1m @ 1052.9 g/t Ag Eq.** from 106m downhole.
 - **ORR067: 5m @ 369.3 g/t Ag Eq.** from 185m inc. **2m @ 825.4 g/t Ag Eq.** from 187m downhole.
 - **ORR068: 9m @ 391.9 g/t Ag Eq.** from 90m inc. **3m @ 916.3 g/t Ag Eq.** from 91m inc. **1m @ 1933.4 g/t Ag Eq.** from 93m and **9m @ 112.4 g/t Ag Eq.** from 166m inc. **3m @ 206.7 g/t Ag Eq.** from 172m downhole.
 - Shallow high-grade intersections (ORR062, ORR065 & ORR066) have enhanced the potential of Orient West to develop an open pit resource encapsulating the broader more moderate grade mineralised zones.
 - Continuous high-grade mineralisation has been defined over 230m down-dip, to a vertical depth of 180m, and remains open down-dip demonstrating the potential for UG mining.
 - Orient West JORC Infill drilling program to restart in March 2025, subject to the end of the wet season in Northern QLD.
 - **Orient East Exploration Target** remains on track for delivery in **early February 2025**.
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Iltani Managing Director Donald Garner commented:

“These are fantastic results from our first seven holes of the planned 42 hole JORC Infill RC drilling program at Orient West. Multiple holes delivered material intersections, and it was particularly good to see the continuity of the high-grade silver-lead-zinc-indium mineralisation across multiple areas with mineralisation extending from surface to in excess of 230m down-dip (and remaining open at depth), confirming the potential for underground mining.

It is also pleasing to see both Orient West and Orient East consistently delivering high-grade mineralisation. Orient West and East are greater than 2km apart demonstrating the size and scale of the Orient System and its potential to host a material silver-lead-zinc-indium deposit.

As we advance forward in 2025, with the completion of the Orient East Exploration Target in early February and the restart of drilling in March, we believe the pathway we are on to delivering Australia’s largest silver-lead-zinc-indium deposit will become clearer”

Figure 1 Orient Drilling





1. Orient West Drilling Results

Iltani is pleased to announce multiple material assay results (refer to Table 1) from drillholes ORR062 to ORR068 at Orient West, part of the larger Orient Silver-Indium project, which is located on Iltani's wholly owned exploration permit EPM 27223, ~20km from Herberton in Northern Queensland.

The seven RC drill holes were the initial holes completed as part of a larger 42-hole JORC Resource infill program targeting the Orient West High-Grade Core Area (approximately 900m by 350m) where there are multiple intersecting higher-grade vein systems with associated low-grade stockwork mineralisation, many at shallow depth, representing the potential to define an open pittable resource. The JORC Resource infill drilling program targeting the High-Grade Core Area is designed to provide drill coverage on a nominal 100m section spacing with vein intersections at 50m along each section which will be suitable for the estimation of a JORC-compliant Inferred Resource.

The holes chosen for drilling at Orient West were dictated by the rig that was the available for the Orient East drilling program, which had a limited depth capacity and being on wheels and not tracks could not negotiate the more difficult topography. Hence only four holes (ORR064, ORR066, ORR067 and ORR068) were completed within the High-Grade Core Area.

The holes completed within the high-grade core area have demonstrated continuity of the broad mineralised veins and high-grade zones both down dip and along strike, with mineralisation remaining open at depth. The results returned from the holes completed peripheral to the high grade core area demonstrate strong potential to expand the higher grade footprint, with holes ORR062 and ORR063 collared to the southwest and ORR065 collared to the northeast. At this stage the full extent of mineralisation along strike to the southwest and northeast has not been determined by drilling and remains open.

Material high-grade mineralisation was intercepted in the following drill holes:

- ORR062 intersected **7m @ 203.6 g/t Ag Eq.** from 54m inc. **3m @ 403.7 g/t Ag Eq.** from 57m downhole.
- ORR065 intersected **4m @ 261.2 g/t Ag Eq.** from 38m inc. **2m @ 464.1 g/t Ag Eq.** from 40m downhole plus **7m @ 93.2 g/t Ag Eq.** from 95m inc. **2m @ 215.7 g/t Ag Eq.** from 100m downhole.
- ORR066 intersected **3m @ 403.6 g/t Ag Eq.** from 28m inc. **1m @ 1118.7 g/t Ag Eq.** from 29m downhole plus **7m @ 313.7 g/t Ag Eq.** from 104m inc. **3m @ 660.9 g/t Ag Eq.** from 105m inc. **1m @ 1052.9 g/t Ag Eq.** from 106m downhole.
- ORR067 intersected **5m @ 369.3 g/t Ag Eq.** from 185m inc. **2m @ 825.4 g/t Ag Eq.** from 187m downhole.
- ORR068 intersected **9m @ 391.9 g/t Ag Eq.** from 90m inc. **3m @ 916.3 g/t Ag Eq.** from 91m inc. **1m @ 1933.4 g/t Ag Eq.** from 93m and **9m @ 112.4 g/t Ag Eq.** from 166m inc. **3m @ 206.7 g/t Ag Eq.** from 172m downhole.

Table 1 Orient West RC Program: ORR062 to ORR068 Material Intercepts

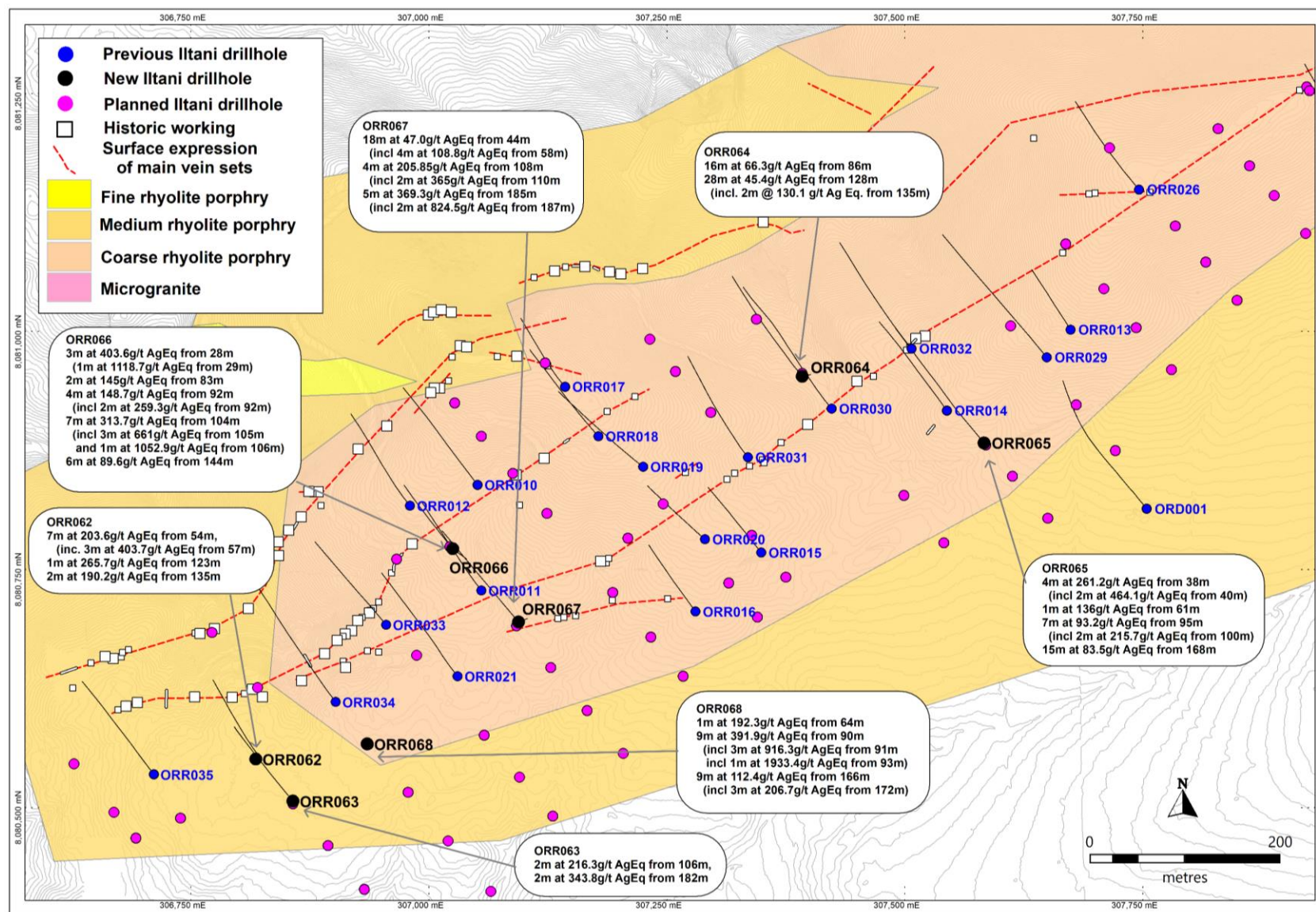
Hole	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR062	54.00	61.00	7.00	34.1	6.8	0.83%	2.73%	203.6
ORR062	57.00	60.00	3.00	63.1	14.1	1.53%	5.57%	403.7
ORR062	123.00	124.00	1.00	78.1	5.7	1.80%	2.41%	265.7
ORR062	135.00	137.00	2.00	60.3	7.2	1.33%	1.58%	190.2
ORR063	61.00	63.00	2.00	13.0	0.4	0.36%	0.45%	48.6
ORR063	91.00	94.00	3.00	12.7	1.8	0.34%	0.75%	63.3
ORR063	106.00	108.00	2.00	29.4	19.7	0.65%	3.08%	216.3
ORR063	182.00	184.00	2.00	86.7	28.4	2.61%	3.01%	343.8



Hole	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR063	182.00	183.00	1.00	154.0	52.0	4.57%	5.47%	615.3
ORR064	86.00	102.00	16.00	15.6	16.0	0.38%	0.59%	66.3
ORR064	86.00	88.00	2.00	13.9	42.5	0.31%	1.16%	103.3
ORR064	124.00	147.00	23.00	14.5	8.8	0.24%	0.38%	46.1
ORR064	135.00	137.00	2.00	39.4	30.7	0.43%	1.22%	130.1
ORR064	195.00	206.00	11.00	12.1	2.8	0.31%	0.42%	45.9
ORR064	199.00	200.00	1.00	31.7	5.7	0.77%	1.51%	137.4
ORR065	38.00	42.00	4.00	80.4	42.0	1.76%	1.96%	261.2
ORR065	40.00	42.00	2.00	140.5	80.6	3.09%	3.51%	464.1
ORR065	61.00	62.00	1.00	55.8	12.2	0.99%	0.79%	136.4
ORR065	95.00	102.00	7.00	28.0	13.0	0.42%	0.40%	93.2
ORR065	100.00	102.00	2.00	66.0	40.1	0.59%	0.51%	215.7
ORR065	168.00	183.00	15.00	20.1	21.3	0.46%	0.74%	83.5
ORR065	170.00	178.00	8.00	22.2	27.5	0.48%	0.89%	97.1
ORR066	28.00	31.00	3.00	53.2	166.8	1.06%	4.67%	403.6
ORR066	29.00	30.00	1.00	138.0	488.0	2.71%	13.05%	1118.7
ORR066	83.00	85.00	2.00	60.4	6.7	1.24%	0.75%	145.2
ORR066	92.00	96.00	4.00	49.5	21.0	1.05%	1.03%	148.7
ORR066	92.00	94.00	2.00	89.3	38.9	1.81%	1.74%	259.3
ORR066	104.00	111.00	7.00	136.1	45.9	2.27%	1.50%	313.7
ORR066	105.00	108.00	3.00	298.0	95.4	4.86%	2.90%	660.9
ORR066	106.00	107.00	1.00	488.0	132.0	8.17%	4.24%	1052.9
ORR066	144.00	150.00	6.00	29.3	6.9	0.55%	0.75%	89.6
ORR066	149.00	150.00	1.00	76.5	17.2	1.24%	2.02%	229.8
ORR067	26.00	27.00	1.00	29.7	0.9	0.95%	0.81%	104.6
ORR067	34.00	37.00	3.00	17.7	2.3	0.59%	0.65%	72.6
ORR067	44.00	62.00	18.00	12.6	1.8	0.37%	0.41%	47.0
ORR067	58.00	62.00	4.00	33.3	6.6	0.83%	0.86%	108.8
ORR067	108.00	112.00	4.00	62.4	28.1	1.26%	1.95%	205.8
ORR067	110.00	112.00	2.00	106.2	52.1	2.01%	3.25%	364.9
ORR067	185.00	190.00	5.00	148.1	76.7	2.63%	1.83%	369.3
ORR067	187.00	189.00	2.00	342.5	177.3	5.89%	3.78%	824.5
ORR068	64.00	65.00	1.00	13.1	11.2	0.38%	3.20%	192.3
ORR068	90.00	99.00	9.00	151.0	26.5	3.51%	2.07%	391.9
ORR068	91.00	94.00	3.00	389.3	67.8	8.02%	4.19%	916.3
ORR068	93.00	94.00	1.00	762.0	183.5	15.65%	10.55%	1933.4
ORR068	166.00	175.00	9.00	26.3	9.0	0.65%	1.17%	112.4
ORR068	172.00	175.00	3.00	49.3	21.0	1.15%	2.12%	206.7
ORR068	174.00	175.00	1.00	105.0	48.0	2.34%	3.99%	410.9
30 g/t Ag Eq. lower cut with no upper cut applied Intersection width is downhole width only								



Figure 2 Orient West Drilling Plan (ORR056 to ORR060 only)



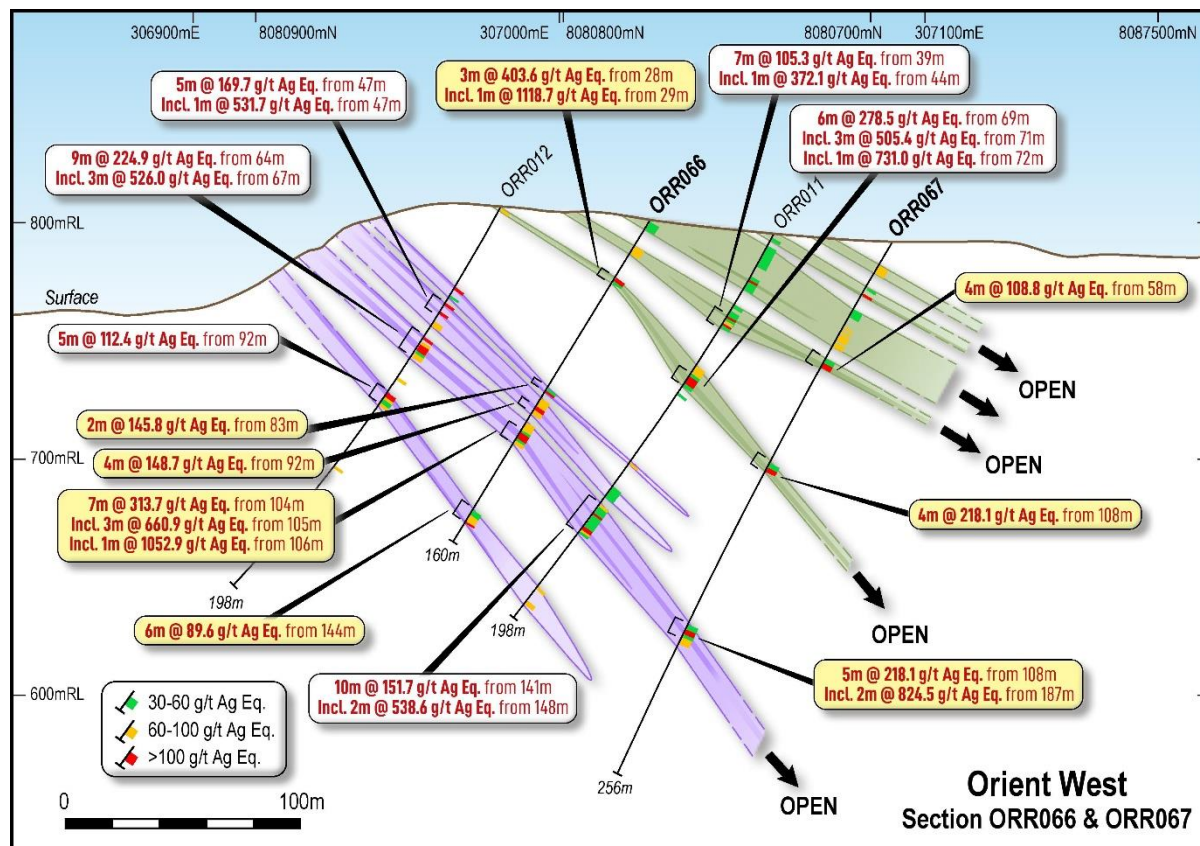
1.1. ORR066 and ORR067 confirm high-grade continuity

- ORR066 and ORR067 were drilled in the central portion of the High-Grade Core Area, up dip and down dip respectively of ORR011 (5m @ 125 g/t Ag Eq. from 40m, 6m @ 278 g/t Ag Eq. from 69m and 3m @ 410 g/t Ag Eq. from 148m) and 100m northeast from ORR021 (4m @ 197.7 g/t Ag Eq. from 23m, 5m @ 440 g/t Ag Eq. from 117m and 4m @ 448 g/t Ag Eq. from 186m) and ORR033 (11m @ 132 g/t Ag Eq. from 13m and 7m @ 275 g/t Ag Eq. from 100m).
- ORR066 intersected **3m @ 403.6 g/t Ag Eq.** from 28m inc. **1m @ 1118.7 g/t Ag Eq.** from 29m downhole plus **7m @ 313.7 g/t Ag Eq.** from 104m inc. **3m @ 660.9 g/t Ag Eq.** from 105m inc. **1m @ 1052.9 g/t Ag Eq.** from 106m downhole.
- ORR067 intersected **4m @ 108.8 g/t Ag Eq.** from 58m and **5m @ 369.3 g/t Ag Eq.** from 185m inc. **2m @ 825.4 g/t Ag Eq.** from 187m downhole.

The drilling has confirmed the continuity of the high-grade vein system along strike and to an extent of over 230m down-dip, to a vertical depth of 180m, and remains open down-dip.

When drilling restarts in March 2025 further drilling will be completed along strike and down dip.

Figure 3 Orient West Drilling Section (ORR066 and ORR067)



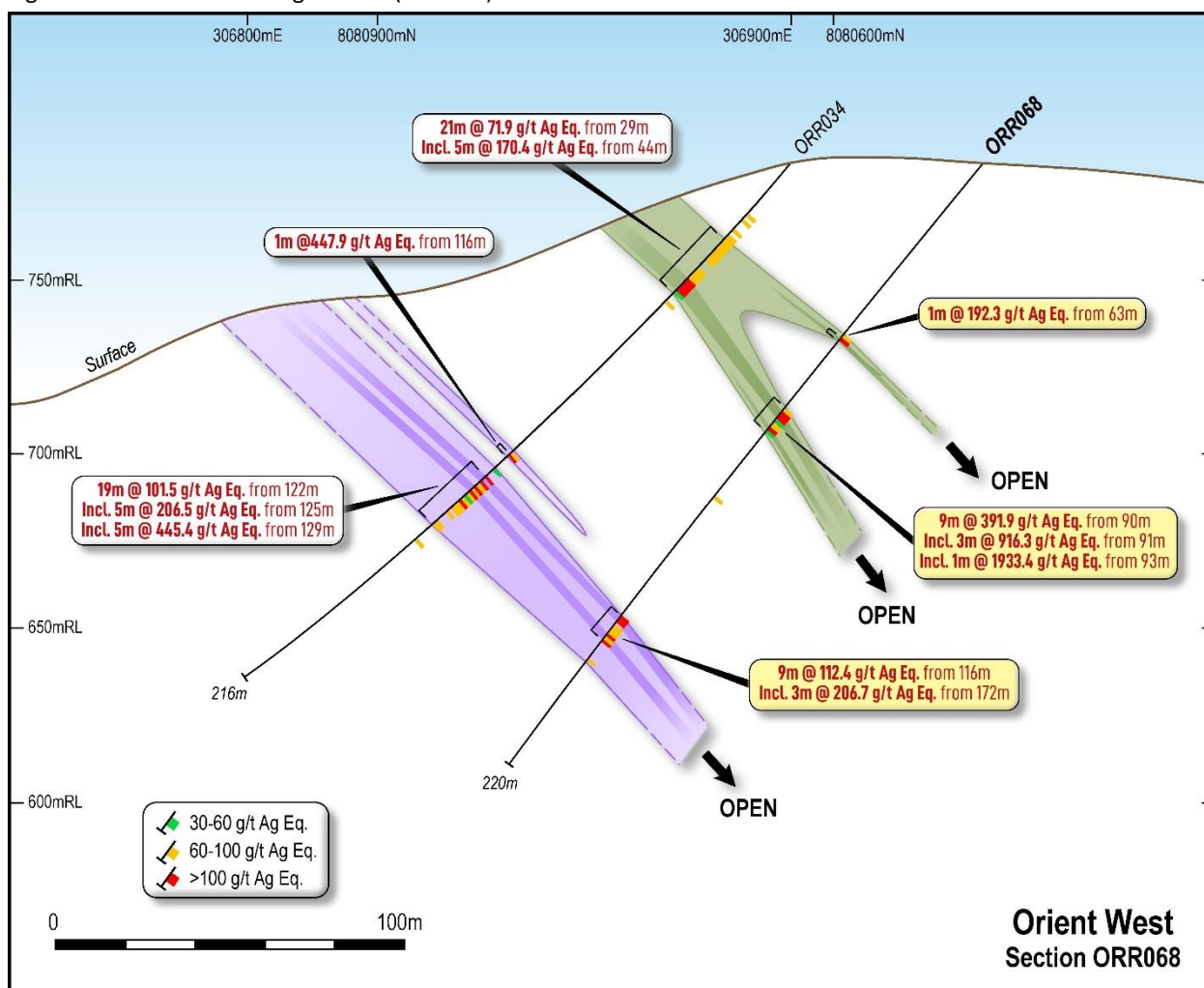
1.2. ORR068 confirms the Orient West system remains open to the west

ORR068 was collared at the southwest periphery of the High Grade Core Area, designed to test down dip from ORR034 (5m @ 170 g/t Ag Eq. from 44m and 11m @ 153 g/t Ag Eq. from 125m) and southwest continuity of mineralisation from ORR021 and ORR033 (see above) located 100m to the northeast. ORR068 delivered one of the highest grade intercepts at Orient to date, intersecting to **1m @ 1933.4 g/t Ag Eq. (762 g/t Ag, 183.5 g/t In, 15.65% Pb & 10.55% Zn)** from 93m downhole.

- ORR068 intersected **9m @ 391.9 g/t Ag Eq.** from 90m inc. **3m @ 916.3 g/t Ag Eq.** from 91m inc. **1m @ 1933.4 g/t Ag Eq.** from 93m and **9m @ 112.4 g/t Ag Eq.** from 166m inc. **3m @ 206.7 g/t Ag Eq.** from 172m downhole.

Results for ORR068 demonstrate both strike and down dip continuity of high-grade mineralisation, with the hole only testing mineralisation to 120m depth from surface, hence mineralisation remains open to the southwest and at depth.

Figure 4 Orient West Drilling Section (ORR068)





1.3. Orient West Drilling Summary

Initial drilling completed at Orient West was sufficient to define a JORC-compliant Exploration Target* of 74 – 100 Mt @ 55 – 65 g/t Ag Equivalent (30 g/t Ag Eq. cutoff grade) inclusive of high-grade core material in multiple lenses of 20 – 24Mt @ 110 – 120 g/t Ag Equivalent (80 g/t Ag Eq. cutoff grade).

Iltani's strategy is to define an initial JORC-compliant Mineral Resource Estimate based on the higher-grade material within the 900m by 350m High Grade Core Area. This will require a nominal drill density of 100m by 50m. The recently completed holes were part of a planned 42 hole program that is designed to demonstrate strike and dip continuity of mineralisation to at least 200m depth to be utilised for the Mineral Resource Estimate.

Results from recent drill holes ORR062 to ORR068 has demonstrated dip and strike continuity of the higher grade mineralisation for the immediate areas tested. The results also indicate strong potential for the development of an open pit resource based on the numerous broad, moderate-grade mineralised trends enveloping the high-grade mineralisation. Mineralisation remains open at depth hence there is also potential for an underground mining operation.

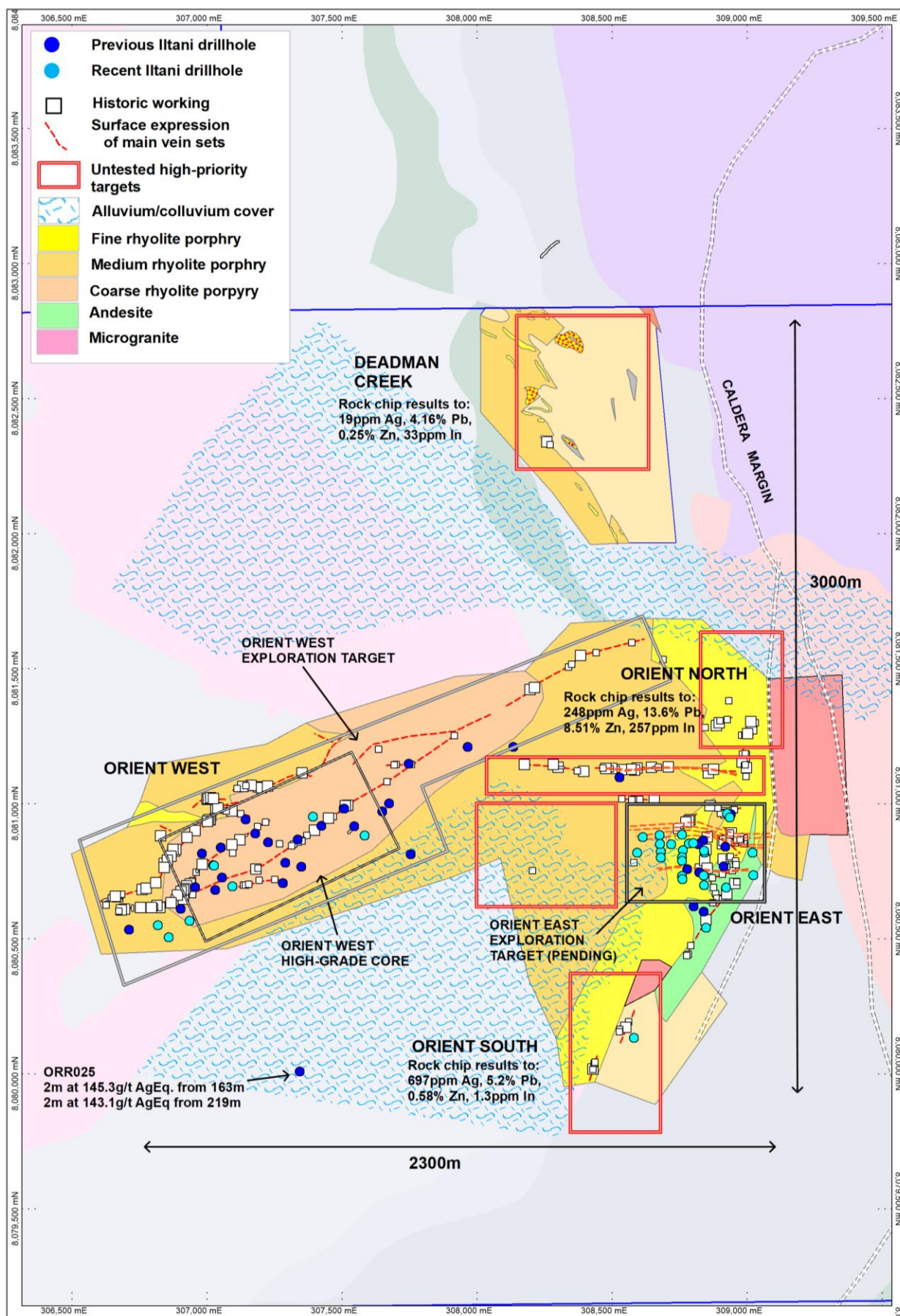
After completion of the High-Grade Core Area phase of drilling, there is at least a further 1,500m strike extent of mineralisation that requires investigation just along the Orient West trend. In addition is the high-grade resource currently being defined through drilling at Orient East, plus further untested targets at Orient North, Orient South, Deadman Creek, and the linking zone between Orient West and Orient East (see Figure 5). Further mineralisation most likely also exists below the extensive areas of surficial alluvial sheetwash, fluvial alluvium and colluvium as demonstrated by RC hole ORR025, targeting a geophysical anomaly and intersecting high-grade mineralisation with no surface indication.

***The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource. The Exploration Target has been prepared in accordance with the 2012 Edition of The Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves ('the JORC Code')**

This announcement refers to an Exploration Target estimate which was announced on 18 July 2024 (Iltani Defines Orient West Exploration Target). Iltani confirms that it is not aware of any new information or data that materially affects the information included in the release and that all material assumptions and technical parameters underpinning the results or estimates in the release continue to apply and have not materially changed.

For additional disclosures please refer to the Appendices attached to this ASX release.

Figure 5 Orient Drilling Plan (East & West)





2. Next Steps

2.1. Orient West

Iltani intends to undertake the following at Orient West in 2025:

- Complete JORC Resource Infill drilling program (35 holes, 7,400m left);
- Diamond drilling to target the high-grade mineralisation at depth plus generate structural information and samples for metallurgical test work to support the JORC Resource estimate; and
- Drill test (RC) the northeast and southwest extents of the Orient West system.

This program will commence when the wet season abates in Northern QLD, expected to be in March 2025.

2.2. Orient East

Iltani has forwarded all pertinent data for Orient East to its independent mining consultant, Mining One, to start the process of estimating the Orient East Exploration Target.

Iltani intends to undertake the following at Orient East in 2025:

- Infill drilling (RC) to convert Orient East Exploration target to a JORC Resource;
- Drilling (RC) to target western extensions of the Orient East mineralisation, extending towards Orient West; and
- Diamond drilling to target the high-grade mineralisation at depth plus generate structural information and samples for metallurgical test work to support the JORC Resource estimate.

2.3. Orient System Exploration

During 2025, Iltani intends to carry out further exploration activities (mapping, sampling and drilling) targeting Orient South, Orient North and Deadman Creek.

Drilling (RC) will be undertaken to determine the economic potential of mineralisation associated with historic workings and elevated rock chip results at Orient North, Orient South and Deadman Creek.

To date, minimal exploration has occurred in the area between Orient East and Orient West (refer to Figure 5). Iltani has completed 2 drill holes to date, ORR005 (targeting an outcropping vein system which strikes from Orient East to West and returned 2m @ 244.1 g/t Ag Eq. from 24m) and ORR025 (targeting a geophysical anomaly approx. 650m S of Orient West).

Most of this area is under a veneer of more recent alluvium/colluvium cover which prevented the discovery of outcropping mineralisation and thus any historical mining activity. This area represents a high priority target zone, in particular the area containing the projected western strike of the Orient East vein system, which remains open to the west.

**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.

Exploration Target

The Exploration Target estimate has been prepared by Mr Stuart Hutchin, who is a Member of the Australian Institute of Geoscientists. Mr Hutchin is a full time employee of Mining One Consultants. Mr Hutchin has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves".

Mr Hutchin consents to the inclusion in the release of the matters based on his information in the form and context in which it appears.

About Iltani Resources

Iltani Resources (ASX: ILT) is an ASX listed company focused exploring for the 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 Project in Northern Queensland plus the Mt Read Volcanics Project in Tasmania.

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

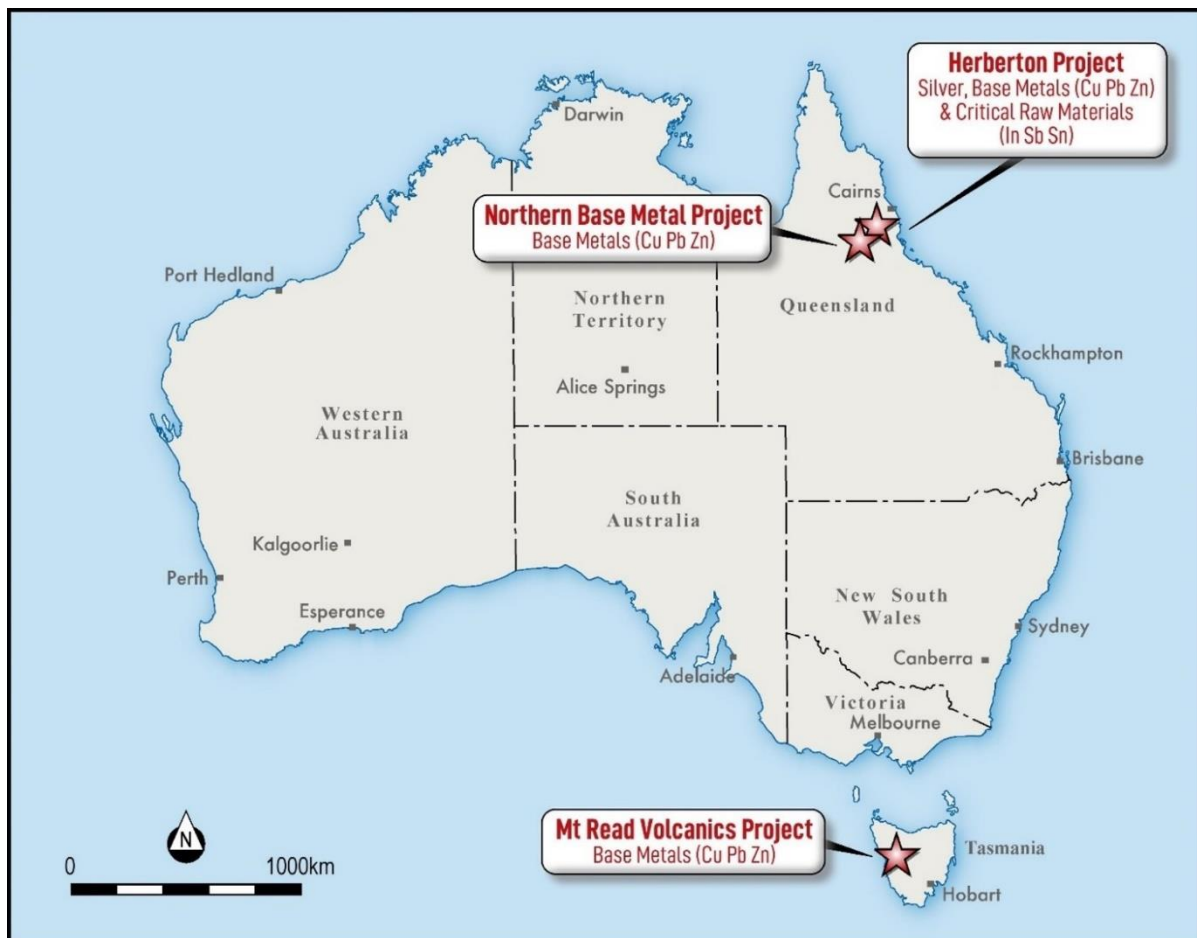



Table 2 Orient RC Drill Program Drillhole Data

Prospect	Hole_ID	Hole Type	Depth (m)	Grid_Datum	East	North	RL	Dip	Azimuth
Orient East	ORR036	RC	250	MGA94_55	308924	8080965	834	-75	195
Orient East	ORR037	RC	160	MGA94_55	308935	8080950	844	-50	195
Orient East	ORR038	RC	126	MGA94_55	308847	8080542	790	-50	360
Orient East	ORR039	RC	94	MGA94_55	308839	8080735	797	-60	360
Orient East	ORR040	RC	112	MGA94_55	308840	8080699	811	-60	360
Orient East	ORR041	RC	148	MGA94_55	308759	8080886	797	-50	360
Orient East	ORR042	RC	220	MGA94_55	308761	8080829	806	-50	360
Orient East	ORR043	RC	220	MGA94_55	308680	8080824	795	-50	360
Orient East	ORR044	RC	22	MGA94_55	308759	8080734	793	-60	360
Orient East	ORR045	RC	160	MGA94_55	308783	8080853	809	-55	90
Orient East	ORR046	RC	160	MGA94_55	308759	8080803	799	-60	90
Orient East	ORR047	RC	202	MGA94_55	309020	8080819	794	-50	360
Orient East	ORR048	RC	220	MGA94_55	309022	8080736	794	-50	360
Orient East	ORR049	RC	154	MGA94_55	308922	8080690	790	-50	360
Orient East	ORR050	RC	256	MGA94_55	308759	8080790	802	-65	360
Orient East	ORR051	RC	94	MGA94_55	308760	8080722	801	-60	360
Orient East	ORR052	RC	123	MGA94_55	308841	8080820	816	-55	360
Orient East	ORR053	RC	125	MGA94_55	308675	8080885	805	-50	360
Orient East	ORR054	RC	256	MGA94_55	308840	8080827	816	-50	360
Orient East	ORR055	RC	154	MGA94_55	308679	8080801	793	-60	90
Orient East	ORR056	RC	160	MGA94_55	308718	8080850	795	-50	360
Orient East	ORR057	RC	136	MGA94_55	308677	8080852	802	-60	90
Orient East	ORR058	RC	148	MGA94_55	308613	8080877	803	-50	360
Orient East	ORR059	RC	196	MGA94_55	308592	8080819	788	-50	360
Orient East	ORR060	RC	160	MGA94_55	308800	8080855	794	-50	360
Orient South	ORR061	RC	118	MGA94_55	308580	8080134	760	-60	310
Orient West	ORR062	RC	202	MGA94_55	306826	8080556	780	-60	320
Orient West	ORR063	RC	208	MGA94_55	306857	8080507	779	-60	320
Orient West	ORR064	RC	214	MGA94_55	307392	8080953	785	-60	320
Orient West	ORR065	RC	244	MGA94_55	307583	8080883	802	-50	320
Orient West	ORR066	RC	160	MGA94_55	307025	8080772	801	-58	320
Orient West	ORR067	RC	256	MGA94_55	307094	8080695	793	-60	320
Orient West	ORR068	RC	220	MGA94_55	306935	8080567	783	-50	320



Table 3 Orient East RC Drill Program Assay Data (ORR062)

Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR062	126278	53.00	54.00	1.00	2.8	0.1	0.08%	0.08%	9.8
ORR062	126279	54.00	55.00	1.00	36.1	4.0	0.77%	0.95%	112.9
ORR062	126280	55.00	56.00	1.00	5.3	0.5	0.15%	0.28%	25.1
ORR062	126281	56.00	57.00	1.00	1.9	0.1	0.07%	0.06%	7.6
ORR062	126282	57.00	58.00	1.00	109.0	23.5	2.59%	2.77%	351.0
ORR062	126283	58.00	59.00	1.00	68.4	16.8	1.52%	10.85%	674.9
ORR062	126285	59.00	60.00	1.00	11.9	1.9	0.47%	3.10%	185.1
ORR062	126286	60.00	61.00	1.00	6.1	0.8	0.21%	1.09%	68.4
ORR062	126287	61.00	62.00	1.00	1.1	0.2	0.04%	0.14%	9.8
ORR062	126288	62.00	66.00	4.00	0.3	0.1	0.01%	0.04%	2.5
ORR062	126289	66.00	67.00	1.00	0.3	0.0	0.02%	0.04%	3.2
ORR062	126290	67.00	68.00	1.00	0.1	0.0	0.00%	0.01%	0.6
ORR062	126291	68.00	69.00	1.00	3.4	0.4	0.20%	0.42%	31.7
ORR062	126292	69.00	70.00	1.00	8.4	0.1	0.49%	0.72%	62.0
ORR062	126293	70.00	71.00	1.00	2.0	0.0	0.10%	0.15%	13.2
ORR062	126294	71.00	72.00	1.00	10.1	0.3	0.45%	0.76%	64.0
ORR062	126295	72.00	73.00	1.00	3.2	0.1	0.14%	0.19%	18.0
ORR062	126296	73.00	74.00	1.00	2.6	0.0	0.10%	0.17%	14.7
ORR062	126297	74.00	77.00	3.00	0.9	0.0	0.04%	0.06%	5.0
ORR062	126321	121.00	122.00	1.00	0.1	0.0	0.00%	0.01%	0.4
ORR062	126322	122.00	123.00	1.00	0.5	0.1	0.01%	0.02%	2.1
ORR062	126323	123.00	124.00	1.00	78.1	5.7	1.80%	2.41%	265.7
ORR062	126324	standard							
ORR062	126325	124.00	125.00	1.00	3.9	0.1	0.09%	0.14%	14.1
ORR062	126321	121.00	122.00	1.00	0.1	0.0	0.00%	0.01%	0.4
ORR062	126322	122.00	123.00	1.00	0.5	0.1	0.01%	0.02%	2.1
ORR062	126335	133.00	134.00	1.00	2.8	0.0	0.11%	0.14%	13.8
ORR062	126336	134.00	135.00	1.00	0.1	0.0	0.00%	0.01%	0.7
ORR062	126337	135.00	136.00	1.00	35.3	4.2	0.76%	0.88%	108.3
ORR062	126338	136.00	137.00	1.00	85.2	10.3	1.91%	2.28%	272.1
ORR062	126339	137.00	138.00	1.00	5.4	0.2	0.15%	0.13%	17.1
ORR062	126340	138.00	139.00	1.00	0.8	0.1	0.02%	0.02%	2.3
<i>Intersection width is downhole width only</i>									



Table 4 Orient East RC Drill Program Assay Data (ORR063)

Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR063	126372	56.00	60.00	4.00	0.1	0.0	0.00%	0.01%	0.7
ORR063	126373	60.00	61.00	1.00	3.1	0.1	0.10%	0.11%	12.1
ORR063	126374	61.00	62.00	1.00	9.5	0.3	0.28%	0.27%	32.9
ORR063	126375	62.00	63.00	1.00	16.5	0.6	0.44%	0.63%	64.3
ORR063	126376	63.00	64.00	1.00	3.9	0.1	0.11%	0.11%	13.2
ORR063	126377	64.00	68.00	4.00	0.2	0.0	0.00%	0.01%	0.7
ORR063	126390	89.00	90.00	1.00	0.1	0.0	0.00%	0.01%	0.5
ORR063	126391	90.00	91.00	1.00	0.9	0.0	0.03%	0.03%	3.8
ORR063	126392	91.00	92.00	1.00	25.9	5.2	0.65%	1.83%	143.1
ORR063	126393	92.00	93.00	1.00	7.2	0.1	0.21%	0.23%	26.2
ORR063	126394	93.00	94.00	1.00	5.0	0.1	0.15%	0.20%	20.5
ORR063	126395	94.00	95.00	1.00	0.4	0.1	0.01%	0.02%	1.9
ORR063	126396	95.00	96.00	1.00	3.9	0.0	0.11%	0.14%	15.0
ORR063	126397	96.00	97.00	1.00	7.8	0.0	0.22%	0.31%	30.8
ORR063	126398	97.00	98.00	1.00	1.0	0.1	0.03%	0.04%	4.0
ORR063	126399	98.00	99.00	1.00	0.1	0.0	0.00%	0.01%	0.7
ORR063	126405	104.00	105.00	1.00	0.1	0.0	0.00%	0.01%	0.7
ORR063	126406	105.00	106.00	1.00	2.9	0.0	0.06%	0.05%	7.7
ORR063	126407	106.00	107.00	1.00	46.3	36.1	0.91%	5.19%	356.0
ORR063	126408	107.00	108.00	1.00	12.5	3.3	0.39%	0.97%	76.6
ORR063	126409	108.00	109.00	1.00	1.6	0.3	0.05%	0.09%	8.3
ORR063	126410	109.00	110.00	1.00	0.5	0.3	0.01%	0.05%	3.8
ORR063	126444	180.00	181.00	1.00	0.1	0.0	0.00%	0.00%	0.3
ORR063	126445	181.00	182.00	1.00	3.6	0.1	0.10%	0.11%	12.4
ORR063	126446	182.00	183.00	1.00	154.0	52.0	4.57%	5.47%	615.3
ORR063	126447	183.00	184.00	1.00	19.3	4.8	0.66%	0.55%	72.4
ORR063	126448	184.00	185.00	1.00	6.3	0.4	0.19%	0.21%	23.8
ORR063	126449	185.00	186.00	1.00	2.3	0.8	0.07%	0.09%	9.8
<i>Intersection width is downhole width only</i>									



Table 5 Orient East RC Drill Program Assay Data (ORR064)

Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR064	126482	80.00	84.00	4.00	0.8	0.1	0.03%	0.03%	3.3
ORR064	126483	84.00	85.00	1.00	1.2	0.4	0.04%	0.05%	5.3
ORR064	126484	85.00	86.00	1.00	2.6	0.8	0.10%	0.09%	11.0
ORR064	126485	86.00	87.00	1.00	12.4	18.9	0.29%	0.67%	65.0
ORR064	126486	87.00	88.00	1.00	15.4	66.1	0.34%	1.66%	141.5
ORR064	126487	88.00	89.00	1.00	10.8	9.8	0.30%	0.39%	45.6
ORR064	126488	89.00	90.00	1.00	2.8	1.0	0.09%	0.09%	10.7
ORR064	126489	duplicate							
ORR064	126490	90.00	91.00	1.00	9.9	2.0	0.27%	0.26%	33.4
ORR064	126491	91.00	92.00	1.00	11.2	4.5	0.33%	0.38%	44.0
ORR064	126492	92.00	93.00	1.00	11.4	4.8	0.30%	0.32%	40.1
ORR064	126493	93.00	94.00	1.00	14.7	7.5	0.38%	0.44%	53.5
ORR064	126494	94.00	95.00	1.00	15.8	31.0	0.27%	0.82%	81.3
ORR064	126495	95.00	96.00	1.00	11.1	17.6	0.23%	0.54%	54.3
ORR064	126496	96.00	97.00	1.00	20.4	10.3	0.53%	0.54%	70.9
ORR064	126497	97.00	98.00	1.00	21.1	11.0	0.58%	0.62%	77.7
ORR064	126498	98.00	99.00	1.00	25.0	5.3	0.68%	0.57%	79.8
ORR064	126499	99.00	100.00	1.00	24.6	19.7	0.59%	0.76%	93.0
ORR064	126500	100.00	101.00	1.00	23.6	31.9	0.47%	0.86%	98.7
ORR064	126501	101.00	102.00	1.00	19.6	14.8	0.45%	0.56%	70.6
ORR064	126502	102.00	103.00	1.00	3.8	1.8	0.14%	0.14%	16.7
ORR064	126503	103.00	104.00	1.00	3.5	1.1	0.15%	0.14%	15.9
ORR064	126504	104.00	108.00	4.00	3.4	0.9	0.14%	0.12%	14.6
ORR064	126505	108.00	112.00	4.00	2.5	0.9	0.11%	0.10%	12.0
ORR064	126506	112.00	116.00	4.00	2.1	0.7	0.07%	0.06%	8.1
ORR064	126507	116.00	120.00	4.00	1.4	0.8	0.06%	0.06%	7.0
ORR064	126508	120.00	124.00	4.00	2.9	1.3	0.08%	0.08%	10.3
ORR064	126509	124.00	128.00	4.00	4.9	2.1	0.18%	0.16%	20.2
ORR064	126510	128.00	129.00	1.00	10.1	5.8	0.35%	0.30%	40.2
ORR064	126511	129.00	130.00	1.00	6.0	7.2	0.21%	0.28%	31.0
ORR064	126512	130.00	131.00	1.00	6.0	8.7	0.13%	0.34%	32.0
ORR064	126513	131.00	132.00	1.00	10.9	15.7	0.20%	0.62%	56.3
ORR064	126514	132.00	133.00	1.00	7.6	4.7	0.23%	0.26%	31.1
ORR064	126515	133.00	134.00	1.00	9.4	4.8	0.28%	0.33%	38.3
ORR064	126516	134.00	135.00	1.00	8.0	11.0	0.14%	0.45%	40.4
ORR064	126517	135.00	136.00	1.00	57.8	53.0	0.37%	1.93%	192.6
ORR064	126518	136.00	137.00	1.00	21.0	8.3	0.48%	0.51%	67.5
ORR064	126519	137.00	138.00	1.00	13.4	9.3	0.30%	0.46%	51.1
ORR064	126520	duplicate							
ORR064	126521	138.00	139.00	1.00	10.1	7.8	0.25%	0.36%	40.6
ORR064	126522	139.00	140.00	1.00	20.3	15.4	0.20%	0.51%	59.9
ORR064	126523	140.00	141.00	1.00	20.6	7.9	0.15%	0.29%	44.2
ORR064	126524	141.00	142.00	1.00	14.6	13.3	0.17%	0.43%	48.4
ORR064	126525	142.00	143.00	1.00	4.8	2.1	0.17%	0.16%	20.1
ORR064	126526	143.00	144.00	1.00	9.8	4.1	0.23%	0.23%	31.2



Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR064	126527	144.00	145.00	1.00	20.9	7.3	0.17%	0.22%	41.4
ORR064	126528	145.00	146.00	1.00	26.4	5.6	0.50%	0.31%	62.5
ORR064	126529	146.00	147.00	1.00	36.4	3.1	0.20%	0.12%	51.0
ORR064	126530	147.00	148.00	1.00	7.6	2.9	0.04%	0.08%	14.7
ORR064	126531	148.00	149.00	1.00	5.3	0.5	0.02%	0.02%	6.9
ORR064	126532	149.00	150.00	1.00	6.0	0.6	0.02%	0.02%	7.9
ORR064	126547	188.00	192.00	4.00	3.8	0.7	0.13%	0.13%	15.0
ORR064	126548	192.00	193.00	1.00	1.9	0.3	0.07%	0.07%	7.7
ORR064	126549	193.00	194.00	1.00	2.6	0.4	0.08%	0.09%	10.1
ORR064	126550	194.00	195.00	1.00	4.3	0.6	0.11%	0.10%	13.3
ORR064	126551	195.00	196.00	1.00	27.0	16.9	0.70%	0.80%	99.7
ORR064	126552	196.00	197.00	1.00	4.3	1.1	0.16%	0.16%	18.4
ORR064	126553	197.00	198.00	1.00	1.3	0.3	0.05%	0.05%	5.4
ORR064	126554	198.00	199.00	1.00	7.5	0.4	0.19%	0.21%	25.0
ORR064	126555	199.00	200.00	1.00	31.7	5.7	0.77%	1.51%	137.4
ORR064	126556	200.00	201.00	1.00	6.6	0.6	0.21%	0.25%	26.9
ORR064	126557	201.00	202.00	1.00	5.4	0.3	0.15%	0.19%	20.8
ORR064	126558	202.00	203.00	1.00	1.1	0.2	0.04%	0.05%	4.9
ORR064	126559	203.00	204.00	1.00	15.8	1.2	0.42%	0.37%	50.0
ORR064	126560	204.00	205.00	1.00	16.6	1.7	0.40%	0.46%	54.7
ORR064	126561	205.00	206.00	1.00	15.6	2.4	0.37%	0.63%	61.4
ORR064	126562	206.00	210.00	4.00	2.4	0.4	0.06%	0.07%	8.2
ORR064	126563	210.00	214.00	4.00	6.2	0.9	0.18%	0.20%	22.8
<i>Intersection width is downhole width only</i>									



Table 6 Orient East RC Drill Program Assay Data (ORR065)

Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR065	126568	16.00	20.00	4.00	1.5	0.2	0.05%	0.31%	19.2
ORR065	126569	20.00	21.00	1.00	0.7	0.1	0.02%	0.28%	15.3
ORR065	126570	21.00	22.00	1.00	1.7	0.3	0.05%	0.19%	12.9
ORR065	126571	22.00	23.00	1.00	22.8	4.5	0.54%	0.84%	86.4
ORR065	126572	23.00	24.00	1.00	7.0	1.3	0.18%	0.37%	32.4
ORR065	126573	24.00	28.00	4.00	0.3	0.1	0.01%	0.30%	15.7
ORR065	126574	28.00	32.00	4.00	3.8	1.7	0.09%	0.16%	15.8
ORR065	126575	32.00	36.00	4.00	5.9	1.2	0.15%	0.14%	18.6
ORR065	126576	36.00	37.00	1.00	0.2	0.0	0.01%	0.01%	1.0
ORR065	126577	37.00	38.00	1.00	1.5	0.1	0.04%	0.05%	5.3
ORR065	126578	38.00	39.00	1.00	14.4	2.7	0.36%	0.35%	45.9
ORR065	126579	duplicate							
ORR065	126580	39.00	40.00	1.00	26.3	4.3	0.53%	0.47%	70.8
ORR065	126581	40.00	41.00	1.00	186.0	106.0	3.89%	4.47%	598.3
ORR065	126582	41.00	42.00	1.00	94.9	55.2	2.28%	2.55%	329.8
ORR065	126583	42.00	46.00	4.00	4.9	0.8	0.12%	0.18%	18.8
ORR065	126584	46.00	50.00	4.00	1.0	0.5	0.02%	0.03%	3.6
ORR065	126585	50.00	54.00	4.00	0.4	0.1	0.01%	0.01%	1.3
ORR065	126586	54.00	58.00	4.00	1.1	0.1	0.03%	0.03%	3.5
ORR065	126587	58.00	59.00	1.00	0.5	0.1	0.01%	0.02%	1.8
ORR065	126588	59.00	60.00	1.00	2.5	0.3	0.07%	0.08%	8.8
ORR065	126589	60.00	61.00	1.00	9.6	1.3	0.21%	0.22%	28.6
ORR065	126590	61.00	62.00	1.00	55.8	12.2	0.99%	0.79%	136.4
ORR065	126591	62.00	66.00	4.00	3.1	0.4	0.09%	0.07%	9.8
ORR065	126592	66.00	70.00	4.00	1.4	0.1	0.04%	0.04%	4.5
ORR065	126593	70.00	74.00	4.00	2.0	0.2	0.04%	0.05%	6.1
ORR065	126594	74.00	78.00	4.00	2.5	0.2	0.08%	0.05%	8.0
ORR065	126595	78.00	82.00	4.00	3.3	0.2	0.09%	0.06%	9.5
ORR065	126596	82.00	86.00	4.00	6.0	1.1	0.15%	0.18%	20.5
ORR065	126597	86.00	90.00	4.00	1.8	0.4	0.05%	0.05%	6.3
ORR065	126598	90.00	94.00	4.00	2.3	0.5	0.07%	0.06%	8.0
ORR065	126599	94.00	95.00	1.00	2.1	0.2	0.05%	0.06%	6.8
ORR065	126600	95.00	96.00	1.00	14.5	1.0	0.35%	0.45%	49.7
ORR065	126601	96.00	97.00	1.00	3.9	0.2	0.12%	0.08%	12.1
ORR065	126602	97.00	98.00	1.00	12.7	0.8	0.47%	0.50%	54.5
ORR065	126603	98.00	99.00	1.00	9.7	1.4	0.28%	0.22%	31.0
ORR065	126604	99.00	100.00	1.00	23.6	7.5	0.58%	0.52%	73.8
ORR065	126605	100.00	101.00	1.00	94.7	60.1	1.99%	2.29%	308.4
ORR065	126606	101.00	102.00	1.00	37.2	20.1	0.90%	0.89%	123.1
ORR065	126607	102.00	103.00	1.00	4.5	1.1	0.14%	0.08%	14.0
ORR065	126608	103.00	104.00	1.00	2.0	0.6	0.03%	0.03%	5.1
ORR065	126609	104.00	108.00	4.00	4.5	0.8	0.07%	0.09%	12.0
ORR065	126610	108.00	112.00	4.00	2.9	0.8	0.06%	0.07%	8.9
ORR065	126611	112.00	116.00	4.00	2.2	0.3	0.07%	0.03%	6.5
Intersection width is downhole width only									



Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR065	126625	156.00	160.00	4.00	1.0	0.4	0.03%	0.03%	4.0
ORR065	126626	160.00	164.00	4.00	0.9	0.3	0.03%	0.04%	4.1
ORR065	126627	164.00	168.00	4.00	3.8	0.9	0.12%	0.12%	14.6
ORR065	126628	168.00	169.00	1.00	15.9	3.2	0.47%	0.49%	58.6
ORR065	126629	169.00	170.00	1.00	24.8	8.2	0.70%	0.65%	86.3
ORR065	126630	170.00	171.00	1.00	36.5	39.3	0.90%	1.46%	159.8
ORR065	126631	171.00	172.00	1.00	14.6	7.6	0.38%	0.38%	50.5
ORR065	126632	172.00	173.00	1.00	24.8	41.1	0.51%	1.29%	126.6
ORR065	126633	173.00	174.00	1.00	13.8	8.5	0.38%	0.38%	49.9
ORR065	126635	174.00	175.00	1.00	15.6	26.2	0.27%	0.76%	75.2
ORR065	126636	175.00	176.00	1.00	24.5	16.1	0.61%	0.64%	85.6
ORR065	126637	176.00	177.00	1.00	25.0	42.7	0.32%	1.19%	116.1
ORR065	126638	177.00	178.00	1.00	23.0	38.4	0.51%	1.08%	113.2
ORR065	126639	178.00	179.00	1.00	8.8	5.4	0.23%	0.25%	32.3
ORR065	126640	179.00	180.00	1.00	17.4	24.2	0.38%	0.78%	81.3
ORR065	126641	180.00	181.00	1.00	23.3	21.9	0.55%	0.72%	88.9
ORR065	126642	181.00	182.00	1.00	22.0	33.5	0.39%	0.89%	96.4
ORR065	126643	182.00	183.00	1.00	11.1	3.2	0.24%	0.21%	31.8
ORR065	126644	183.00	184.00	1.00	4.8	0.9	0.07%	0.07%	11.2
ORR065	126645	184.00	188.00	4.00	0.6	0.2	0.01%	0.02%	1.9
ORR065	126652	206.00	207.00	1.00	1.6	0.4	0.06%	0.05%	6.2
ORR065	126653	207.00	208.00	1.00	1.9	0.6	0.08%	0.07%	8.3
ORR065	126654	208.00	209.00	1.00	16.2	23.5	0.38%	0.85%	83.2
ORR065	126655	209.00	210.00	1.00	8.2	7.4	0.23%	0.32%	35.6
ORR065	126656	210.00	211.00	1.00	10.6	18.2	0.28%	0.61%	59.3
ORR065	126657	211.00	212.00	1.00	5.2	2.9	0.17%	0.16%	20.7
ORR065	126658	212.00	216.00	4.00	3.3	1.2	0.12%	0.11%	13.3
ORR065	126659	216.00	220.00	4.00	11.1	12.9	0.23%	0.45%	47.5
ORR065	126660	220.00	224.00	4.00	2.0	1.7	0.05%	0.10%	9.8
ORR065	126661	224.00	228.00	4.00	1.4	0.1	0.04%	0.04%	5.1
<i>Intersection width is downhole width only</i>									



Table 7 Orient East RC Drill Program Assay Data (ORR066)

Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR066	126673	28.00	29.00	1.00	6.3	2.1	0.14%	0.42%	33.4
ORR066	126674	29.00	30.00	1.00	138.0	488.0	2.71%	13.05%	1118.7
ORR066	126675	30.00	31.00	1.00	15.2	10.2	0.33%	0.54%	58.6
ORR066	126676	31.00	32.00	1.00	1.6	2.9	0.04%	0.11%	9.7
ORR066	126689	80.00	81.00	1.00	0.2	0.1	0.01%	0.01%	1.0
ORR066	126690	81.00	82.00	1.00	0.2	0.1	0.01%	0.01%	1.1
ORR066	126691	82.00	83.00	1.00	1.5	0.1	0.04%	0.04%	4.9
ORR066	126692	83.00	84.00	1.00	22.8	3.2	0.54%	0.71%	79.2
ORR066	126693	84.00	85.00	1.00	98.0	10.1	1.95%	0.79%	211.2
ORR066	126694	85.00	86.00	1.00	5.7	0.5	0.12%	0.08%	14.5
ORR066	126695	86.00	87.00	1.00	1.6	0.4	0.07%	0.07%	7.5
ORR066	126696	87.00	88.00	1.00	2.3	0.5	0.09%	0.08%	10.0
ORR066	126697	88.00	92.00	4.00	5.7	1.2	0.18%	0.18%	21.3
ORR066	126698	92.00	93.00	1.00	85.8	25.1	1.79%	1.26%	224.0
ORR066	126699	93.00	94.00	1.00	92.7	52.6	1.84%	2.23%	294.7
ORR066	126700	94.00	95.00	1.00	10.4	3.3	0.28%	0.32%	37.7
ORR066	126701	95.00	96.00	1.00	9.3	2.8	0.31%	0.33%	38.4
ORR066	126702	duplicate							
ORR066	126703	96.00	100.00	4.00	2.9	1.4	0.13%	0.12%	14.0
ORR066	126704	100.00	104.00	4.00	4.8	3.9	0.20%	0.28%	27.7
ORR066	126705	104.00	105.00	1.00	14.7	10.0	0.37%	0.67%	65.9
ORR066	126706	105.00	106.00	1.00	271.0	77.4	4.24%	2.13%	564.8
ORR066	126707	106.00	107.00	1.00	488.0	132.0	8.17%	4.24%	1052.9
ORR066	126708	107.00	108.00	1.00	135.0	76.8	2.17%	2.33%	365.1
ORR066	126709	108.00	109.00	1.00	24.4	11.9	0.39%	0.39%	63.1
ORR066	126710	109.00	110.00	1.00	13.0	5.1	0.38%	0.30%	44.0
ORR066	126711	110.00	111.00	1.00	7.0	8.4	0.21%	0.43%	39.8
ORR066	126712	111.00	112.00	1.00	4.5	3.2	0.15%	0.15%	19.0
ORR066	126720	140.00	144.00	4.00	1.1	0.3	0.04%	0.03%	4.4
ORR066	126721	144.00	145.00	1.00	22.6	3.3	0.48%	0.42%	62.1
ORR066	126722	145.00	146.00	1.00	21.8	9.0	0.41%	0.64%	72.8
ORR066	126723	146.00	147.00	1.00	17.9	4.2	0.42%	0.50%	59.9
ORR066	126724	147.00	148.00	1.00	19.4	2.6	0.40%	0.42%	56.0
ORR066	126725	148.00	149.00	1.00	17.3	5.4	0.33%	0.51%	56.9
ORR066	126726	149.00	150.00	1.00	76.5	17.2	1.24%	2.02%	229.8
ORR066	126727	150.00	151.00	1.00	6.7	1.7	0.17%	0.16%	21.5
ORR066	126728	151.00	152.00	1.00	1.1	0.4	0.04%	0.04%	4.7
ORR066	126729	152.00	156.00	4.00	7.1	1.0	0.16%	0.14%	20.0
ORR066	126730	156.00	160.00	4.00	0.9	0.5	0.03%	0.03%	3.8
ORR066	126719	136.00	140.00	4.00	0.7	0.3	0.02%	0.03%	3.1
ORR066	126720	140.00	144.00	4.00	1.1	0.3	0.04%	0.03%	4.4
ORR066	126721	144.00	145.00	1.00	22.6	3.3	0.48%	0.42%	62.1

Intersection width is downhole width only



Table 8 Orient East RC Drill Program Assay Data (ORR067)

Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR067	126744	28.00	32.00	4.00	1.8	0.1	0.06%	0.10%	9.1
ORR067	126745	32.00	33.00	1.00	0.2	0.0	0.01%	0.01%	0.7
ORR067	126746	33.00	34.00	1.00	1.6	0.0	0.05%	0.06%	6.4
ORR067	126747	34.00	35.00	1.00	17.4	2.1	0.57%	0.64%	70.8
ORR067	126748	35.00	36.00	1.00	20.2	3.1	0.70%	0.73%	82.8
ORR067	126749	36.00	37.00	1.00	15.6	1.6	0.52%	0.59%	64.2
ORR067	126750	37.00	38.00	1.00	5.9	0.3	0.20%	0.21%	23.5
ORR067	126751	38.00	39.00	1.00	0.4	0.1	0.01%	0.01%	1.4
ORR067	126752	39.00	40.00	1.00	2.2	0.1	0.10%	0.13%	12.5
ORR067	126753	40.00	41.00	1.00	0.6	0.0	0.03%	0.03%	3.4
ORR067	126754	41.00	42.00	1.00	2.3	0.1	0.10%	0.15%	13.3
ORR067	126755	42.00	43.00	1.00	5.2	0.1	0.24%	0.17%	22.0
ORR067	126756	43.00	44.00	1.00	1.3	0.0	0.05%	0.07%	6.8
ORR067	126757	44.00	45.00	1.00	9.0	0.7	0.39%	0.46%	46.3
ORR067	126758	45.00	46.00	1.00	3.0	0.1	0.12%	0.15%	14.6
ORR067	126759	46.00	47.00	1.00	10.0	0.3	0.39%	0.47%	47.6
ORR067	126760	47.00	48.00	1.00	14.7	1.1	0.55%	0.53%	61.2
ORR067	126761	duplicate							
ORR067	126762	48.00	49.00	1.00	8.6	0.4	0.31%	0.37%	38.3
ORR067	126763	49.00	50.00	1.00	4.3	0.1	0.15%	0.19%	19.4
ORR067	126764	50.00	51.00	1.00	12.3	1.2	0.40%	0.47%	50.7
ORR067	126765	51.00	52.00	1.00	5.0	0.3	0.18%	0.21%	21.9
ORR067	126766	52.00	56.00	4.00	1.7	0.1	0.07%	0.08%	8.3
ORR067	126767	56.00	57.00	1.00	9.5	0.4	0.35%	0.38%	41.4
ORR067	126768	57.00	58.00	1.00	9.7	0.5	0.31%	0.31%	36.6
ORR067	126769	58.00	59.00	1.00	21.0	5.4	0.62%	0.90%	90.7
ORR067	126770	59.00	60.00	1.00	28.5	6.5	0.72%	0.83%	99.1
ORR067	126771	60.00	61.00	1.00	52.4	8.4	1.11%	0.94%	142.6
ORR067	126772	61.00	62.00	1.00	31.4	6.3	0.86%	0.76%	102.9
ORR067	126773	62.00	63.00	1.00	4.1	0.6	0.11%	0.12%	14.4
ORR067	126774	63.00	64.00	1.00	5.1	0.7	0.20%	0.21%	22.9
ORR067	126775	64.00	68.00	4.00	3.2	0.4	0.12%	0.16%	15.7
ORR067	126776	68.00	72.00	4.00	0.2	0.0	0.00%	0.01%	0.9
ORR067	126784	100.00	104.00	4.00	0.3	0.1	0.01%	0.02%	1.5
ORR067	126785	104.00	108.00	4.00	0.6	0.1	0.03%	0.03%	3.0
ORR067	126786	108.00	109.00	1.00	20.5	3.0	0.55%	0.52%	67.5
ORR067	126787	109.00	110.00	1.00	7.1	2.7	0.14%	0.25%	26.0
ORR067	126788	110.00	111.00	1.00	160.0	85.5	2.94%	5.47%	579.1
ORR067	126789	111.00	112.00	1.00	52.4	18.7	1.08%	1.02%	150.7
ORR067	126790	112.00	113.00	1.00	3.9	0.6	0.09%	0.13%	13.8
ORR067	126791	113.00	114.00	1.00	1.2	0.5	0.03%	0.05%	5.2
ORR067	126810	182.00	183.00	1.00	0.9	0.5	0.04%	0.03%	3.8
ORR067	126811	183.00	184.00	1.00	1.8	1.2	0.07%	0.08%	9.0



Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR067	126812	184.00	185.00	1.00	5.0	1.6	0.16%	0.15%	18.9
ORR067	126813	185.00	186.00	1.00	29.3	6.9	0.81%	0.66%	94.6
ORR067	126814	186.00	187.00	1.00	14.6	16.4	0.33%	0.75%	71.8
ORR067	126815	187.00	188.00	1.00	356.0	156.0	6.02%	3.19%	803.2
ORR067	126816	188.00	189.00	1.00	329.0	198.5	5.75%	4.37%	845.8
ORR067	126817	189.00	190.00	1.00	11.4	5.6	0.23%	0.17%	31.0
ORR067	126818	190.00	194.00	4.00	6.7	2.8	0.19%	0.21%	25.2
ORR067	126819	194.00	198.00	4.00	1.7	1.0	0.04%	0.03%	5.0
<i>Intersection width is downhole width only</i>									



Table 9 Orient East RC Drill Program Assay Data (ORR068)

Hole	Sample ID	From (m)	To (m)	Intersect (m)	Ag g/t	In g/t	Pb %	Zn %	Ag Eq. g/t
ORR068	126852	62.00	63.00	1.00	4.4	0.3	0.13%	0.20%	19.3
ORR068	126853	63.00	64.00	1.00	3.8	1.8	0.06%	0.42%	27.8
ORR068	126854	64.00	65.00	1.00	13.1	11.2	0.38%	3.20%	192.3
ORR068	126855	65.00	66.00	1.00	4.4	0.3	0.12%	0.15%	16.4
ORR068	126863	84.00	88.00	4.00	0.2	0.1	0.00%	0.01%	1.0
ORR068	126864	88.00	89.00	1.00	0.2	0.0	0.00%	0.01%	0.6
ORR068	126865	89.00	90.00	1.00	3.2	0.1	0.09%	0.08%	10.5
ORR068	126866	90.00	91.00	1.00	14.4	0.6	0.35%	0.30%	42.0
ORR068	126867	91.00	92.00	1.00	341.0	15.9	7.07%	1.57%	678.0
ORR068	126868	92.00	93.00	1.00	64.8	4.2	1.35%	0.46%	137.4
ORR068	126869	93.00	94.00	1.00	762.0	183.5	15.65%	10.55%	1933.4
ORR068	126870	94.00	95.00	1.00	24.4	2.1	0.53%	0.37%	62.9
ORR068	126871	95.00	96.00	1.00	11.9	0.6	0.44%	0.40%	47.7
ORR068	126872	96.00	97.00	1.00	6.6	0.9	0.20%	0.44%	36.2
ORR068	126873	97.00	98.00	1.00	120.0	28.4	5.28%	4.04%	523.6
ORR068	126874	98.00	99.00	1.00	14.1	2.3	0.72%	0.51%	66.4
ORR068	126875	99.00	100.00	1.00	2.6	0.5	0.09%	0.07%	9.5
ORR068	126876	100.00	104.00	4.00	2.7	0.7	0.12%	0.09%	12.0
ORR068	126896	165.00	166.00	1.00	0.2	0.0	0.00%	0.00%	0.5
ORR068	126897	166.00	167.00	1.00	37.7	11.1	0.86%	2.06%	177.0
ORR068	126898	167.00	168.00	1.00	33.0	5.5	0.91%	1.39%	137.5
ORR068	126899	168.00	169.00	1.00	0.5	0.1	0.01%	0.02%	1.8
ORR068	126900	169.00	170.00	1.00	4.4	0.9	0.16%	0.29%	24.8
ORR068	126901	170.00	171.00	1.00	5.0	0.3	0.20%	0.20%	22.3
ORR068	126902	171.00	172.00	1.00	8.2	0.4	0.23%	0.24%	28.4
ORR068	126903	172.00	173.00	1.00	31.8	14.3	0.80%	2.06%	170.3
ORR068	126904	173.00	174.00	1.00	11.0	0.8	0.33%	0.32%	38.9
ORR068	126905	174.00	175.00	1.00	105.0	48.0	2.34%	3.99%	410.9
ORR068	126906	175.00	176.00	1.00	2.9	0.5	0.09%	0.10%	11.5
ORR068	126907	176.00	180.00	4.00	0.5	0.1	0.01%	0.02%	2.1
ORR068	126908	180.00	181.00	1.00	3.2	0.4	0.08%	0.20%	16.3
ORR068	126909	181.00	182.00	1.00	8.9	0.2	0.25%	0.33%	34.4
ORR068	126910	182.00	183.00	1.00	0.9	0.0	0.03%	0.03%	3.1

Intersection width is downhole width only


JORC Code, 2012 Edition – Table 1
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 has completed 33 RC holes for 5,678m drilled. The drilling was completed by Charters Towers, Qld based drilling contractors Eagle 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. - Sampling comprises 4m composite samples or, where visual mineralisation is encountered, 1m increment RC sub-samples, that 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 will consist 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.
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 tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	- The drilling was completed using a truck mounted RC rig utilising 6m rods with reverse circulation capability. - Drilling diameter was 6.5 inch RC hammer using a face sampling bit. - RC hole length ranged from 94m to 256m with average hole length of 172m. - Downhole surveys were undertaken at nominal 30m intervals during drilling utilising a digitally controlled Imdex Gyroscope 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	- 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 Eagle Drilling crew monitor sample recovery, size and moisture, making



Criteria	JORC Code explanation	Commentary
	between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	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 digital 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 Ittani retained representative samples (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. • 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 25. Regular reviews of the sampling were carried out by Ittani Geologist to ensure all procedures and best industry practice were followed. • Sample sizes and preparation techniques are considered appropriate for the nature of mineralisation.



Criteria	JORC Code explanation	Commentary
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 1:25) is conducted regularly. QAQC data is reviewed for bias prior to uploading results in the database.
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 Gyroscope instrument. - All exploration works are conducted in the GDA94 zone 55 datum. - Topographic control is based on a detailed drone survey and 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. - Sample compositing has been applied outside the zones of logged mineralisation, where 4m sample composites have been utilised. Iltani will resample the 4m composites on a 1m basis should the composites return high-grade assay results
Orientation of data in relation to	Whether the orientation of sampling achieves unbiased	The drill holes were orientated in order to intersect the interpreted mineralisation zones as



Criteria	JORC Code explanation	Commentary
geological structure	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.	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.	- Orient is located on EPM 27223. EPM 27223 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 primary vein systems up to 3m wide (controlled by fractures/shears) containing argentiferous galena, cerussite, anglesite, sphalerite, pyrite, marmatite, cassiterite (minor), and stannite (minor) surrounded by a stockwork of lesser veinlets of variable density. - 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	Iltani Resources has completed 33 RC (Reverse Circulation) drill holes for 5678m drilled (Refer to Table 3).



Criteria	JORC Code explanation	Commentary															
	the case.																
Data aggregation methods	- 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.	- Itani are using a 30 g/t Ag Eq. lower cut with no upper cut applied) to report material intersections - Metal equivalents are used (silver equivalent) - The equivalent silver formula is $\text{Ag Eq.} = \text{Ag} + (\text{Pb} \times 35.5) + (\text{Zn} \times 50.2) + (\text{In} \times 0.47)$ Metal Equivalent Calculation - Recoveries and Commodity Prices <table border="1"> <thead> <tr> <th>Metal</th><th>Price/Unit</th><th>Recovery</th></tr> </thead> <tbody> <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> </tbody> </table> - It is Itani's opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold	Metal	Price/Unit	Recovery	Silver	US\$20/oz	87%	Lead	US\$1.00/lb	90%	Zinc	US\$1.50/lb	85%	Indium	US\$300/kg	85%
Metal	Price/Unit	Recovery															
Silver	US\$20/oz	87%															
Lead	US\$1.00/lb	90%															
Zinc	US\$1.50/lb	85%															
Indium	US\$300/kg	85%															
Relationship between mineralisation widths and intercept lengths	- These relationships are particularly important in the reporting of Exploration Results. - If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. - If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	Drilling is generally perpendicular to the structure by angled RC at 50° to 60° into structures dipping between 45° and 80°.															
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include but not be limited to a plans and sections.	Refer to plans and sections within report															
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	The accompanying document is considered to represent a balanced report															
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported.	All meaningful and material data is reported															
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	- Exploration of the target area is ongoing. - Itani plans to complete a further drilling at Orient during 2025.															



Metallurgical Equivalent Calculation – Additional Disclosure

The equivalent silver formula is $\text{Ag Eq.} = \text{Ag} + (\text{Pb} \times 35.5) + (\text{Zn} \times 50.2) + (\text{In} \times 0.47)$

Table 10 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%

Please refer to the release dated 14 November 2023 (Test Work Confirms Silver-Indium Production Potential) detailing the historical test work which Iltani is using to support the metal equivalent calculation.

The metal equivalent calculation (Ag Eq.) assumes lead and silver will be recovered to a lead concentrate and zinc, silver and indium will be recovered to a zinc concentrate. It is Iltani's opinion that all the elements included in the metal equivalent calculation have a reasonable potential to be recovered and sold.

It should be noted that there are other metals present, notably antimony and tin, that have the potential to be included in the metallurgical equivalent calculation, but at this stage, Iltani has chosen not to do so. These metals will likely also be recovered to the concentrates, notably the lead concentrate, however Iltani is currently assuming that these metals will not be payable, so are excluded from the metallurgical equivalent calculation.

Should this situation change, and the antimony and tin become payable in the lead concentrate and/or metallurgical test work indicates that the antimony or tin can be recovered to a separate concentrate where they are payable, then the metallurgical equivalent calculation could be expanded to include these metals.

Exploration Target – Additional Disclosure

1. Summary of Relevant Exploration Data

The Exploration Target is based on the interpretation of the following geology and mineralisation data that has been collated as of the date of this announcement, which includes previously reported exploration results, and information in this report that relates to previously reported exploration results has been cross-referenced in this report to the date it was reported to the ASX. Exploration data is comprised of:

- 22 reverse circulation (RC) drill holes completed for 4,406 metres drilled
- 2,773 assay results from RC drill hole samples
- Detailed surface geological mapping
- Wireframing and 3D block modelling of the Orient West mineralised vein systems.

Historical exploration completed at Orient includes:

- 255 rock chip assay results from Orient East and Orient West
- Geophysical data sets (14km² drone mag survey over the Orient area plus 7.18 line km of a dipole-dipole Induced Polarisation survey)
- Great Northern Mining Corporation (GNMC) completed 16 diamond drill holes at Orient West in the 1970s. Drilling did not delineate the margins of mineralisation, leaving it open to extension in all directions. GNMC undertook limited assay of the drill samples (core and percussion) with a focus on the high grade vein system. Extensive low grade mineralisation was logged, usually forming halos around the higher grade veins but this was not assayed. The assay data was not used in the Exploration Target estimation process (due to lack of certainty of the data), and the geological data was used in the wireframing process.

2. Methodology to Determine the Grade and Tonnage Range for the Exploration Target

Ittani engaged Mining One Consultants to build a 3D model of the Orient System (Orient West and East) to better understand the size and scale of the mineralised vein systems, allowing Ittani to optimise drill hole design. This model has been continually updated as drilling has been completed and was used as the basis for estimating the Exploration Target.

Mineralised intercepts in downhole drilling align from section to section along structures that can be assumed to be continuous between drillholes. Mineralised zones broadly pinch and swell but can be linked together across drilled sections. Some areas of interpretation, especially regarding thin and lower grade lenses, should be considered initial and linkages between drillholes may change with further information, however the current interpretation holds true with concurrent surface geological observations and areas of denser drilling.

Apart from drilling, strike extents of the exploration model are also based on soil anomalism above the mineralised veins and the extent of historic workings which have been rock chip sampled. Mineralisation extends 2.6km from SW to NE and dips approximately 55° → 150°. The stacked system ranges from 270 – 330m in thickness from the footwall of the northern-most structure to the hanging wall in the south. The 13 modelled mineral domains (sulphide veins) range from 2 – 55 m in thickness. Assays were composited in each domain to 1m which is the nominal assay interval. Domains were snapped to assay intervals and Ag, Pb, Zn & In were estimated from the composites constrained by each domain using hard boundaries and using inverse distance squared (ID²) estimation in four passes. Search ellipsoids were oriented according to the mineralised trend 55° → 150° or 153°. The Block Model has parent blocks 20m x 20m x 10m. It is sub-blocked using an octree method 8 x 8 x 16 resulting in sub-blocks as small as 2.5 m x 2.5m x 0.625m to honour the vein geometry even as they pinch out or splay against each other.



Drilling intersects the mineralised structures at 60m intervals in the area of closest drilling. Grades were not capped. The highest grades are in the core of the deposit where the estimate uses up to 50 samples to estimate grade. High grades including outliers will impact local grades in the core of the deposit but will have very little influence on blocks away from drilling.

Global approximated exploration target figures were generated using a 30g/t Ag equivalent cut off and the high-grade core target figures were approximated using an 80g/t Ag equivalent cut off.

An assumed density of 2.7 g/cc was applied to determine the tonnes. Density vs sulphide content was inspected at other multi-commodity deposits to understand the effect of similar grades to density. At similar average grades to Orient, the result is negligible. Some high sulphide zones likely have a higher density however, the volume of this material is very low and deemed negligible for consideration in the current study.

The Exploration Target Estimation for Orient West has utilised the more rigorous methodology that is generally utilised for Mineral Resource Estimation without a more constrained statistical approach required for the latter. This is to ensure the Exploration Target Estimation result is meaningful and, with further drilling, will be used as a basis for a Mineral Resource Estimate.

3. Progress Towards a Mineral Resource Estimate

Proposed exploration activities designed to progress the Orient West Exploration Target to a Mineral Resource Estimate will consist of the following and is planned to take place over the next 6 to 12 months.