24 October 2023

Iltani confirms significant new discovery of silver-lead-zinc-indium-antimony-tin system at Orient, QLD

Critical minerals and base metals explorer **Iltani Resources Limited** (ASX: ILT, "Iltani" or "the Company") is pleased to announce the remaining results from its recently completed Stage 1 Orient drilling program in North Queensland.

HIGHLIGHTS:

- Iltani receives results for final seven drill holes (ORR005, ORR008, ORR008A, ORR010, ORR011, ORR012, and ORR016) of its Stage 1 Orient reverse circulation (RC) drilling program (14 holes for 2,034 metres).
- **Iltani's Stage 1 RC drilling program has demonstrated the potential of the Orient system to host one of Australia's largest silver deposits combined with material exposure to critical raw materials (indium and antimony).**
- Drilling at Orient West has delivered **wide intersections of silver-lead-zinc-indium-antimony-tin mineralisation**. Notable results include:
    - ORR010: **41m @ 35 g/t Ag, 0.7% Pb, 1.0% Zn, 35 g/t In, 0.03% Sb & 0.04% Sn** from 60m downhole inc. **5m @ 74 g/t Ag, 1.5% Pb, 1.1% Zn, 47 g/t In, 0.02% Sb & 0.04% Sn** from 67m and **8m @ 73 g/t Ag, 1.2% Pb, 2.6% Zn, 116 g/t In, 0.13% Sb & 0.08% Sn** from 90m downhole.
    - ORR011: **7m @ 19 g/t Ag, 0.6% Pb, 1.1% Zn, 16 g/t In, 0.09% Sb & 0.02% Sn** from 39m downhole and **6m @ 79 g/t Ag, 1.6% Pb, 2.5% Zn, 38 g/t In, 0.15% Sb & 0.06% Sn** from 69m downhole plus **10m @ 50 g/t Ag, 0.9% Pb, 1.1% Zn, 35 g/t In, 0.05% Sb & 0.05% Sn** from 141m downhole incl. **2m @ 201 g/t Ag, 3.2% Pb, 3.9% Zn, 148 g/t In, 0.22% Sb & 0.13% Sn** from 148m downhole.
    - ORR012: **5m @ 80 g/t Ag, 1.7% Pb, 0.5% Zn, 5 g/t In, 0.06% Sb & 0.04% Sn** from 47m downhole and **9m @ 88 g/t Ag, 1.6% Pb, 1.1% Zn, 31 g/t In, 0.17% Sb & 0.06% Sn** from 64m downhole inc. **3m @ 228 g/t Ag, 4.0% Pb, 2.5% Zn, 62 g/t In, 0.51% Sb & 0.13% Sn** from 67m downhole plus **5m @ 31 g/t Ag, 0.5% Pb, 1.0% Zn, 25 g/t In, 0.01% Sb & 0.03% Sn** from 92m downhole.
- Intersections in ORR010, ORR011 and ORR012 are open along strike (to NE and SW) and down dip.
- Iltani's Stage 1 drilling program has delivered **multiple wide intersections of mineralisation** at both **Orient East and Orient West (2km apart)** – highlighting Orient system size and potential.
- Iltani will **commence a Stage 2 drilling campaign** to follow up Stage 1 drilling and test the high priority stockwork targets as soon as preparation is complete.

Iltani Managing Director Donald Garner commented:

"Our Orient Stage 1 RC drilling program ontinues to deliver outstanding intersections of silver-lead-zinc-indium-antimony-tin mineralisation.

The assay results we released today, particularly the multiple intersections of silver-lead-zinc-indium-antimony-tin mineralisation at Orient West (ORR011, ORR012 and ORR013), demonstrates Orient's potential to deliver one of Australia's largest silver deposits combined with material amounts of critical raw materials (indium and antimony).

To date, the mineralisation intersected is a combination of high-grade veins surrounded by larger zones of low to medium-grade mineralisation, such as ORR010 with an intercept of 2m @ 173 g/t Ag, 2.6% Pb, 5.9% Zn, 296g/t In, 0.4% Sb and 0.17% Sn (from 93m downhole) contained in a much broader intercept of 41m @ 35 g/t Ag, 0.7% Pb, 1.0% Zn, 35 g/t In, 0.03% Sb and 0.04% Sn (from 60m downhole).

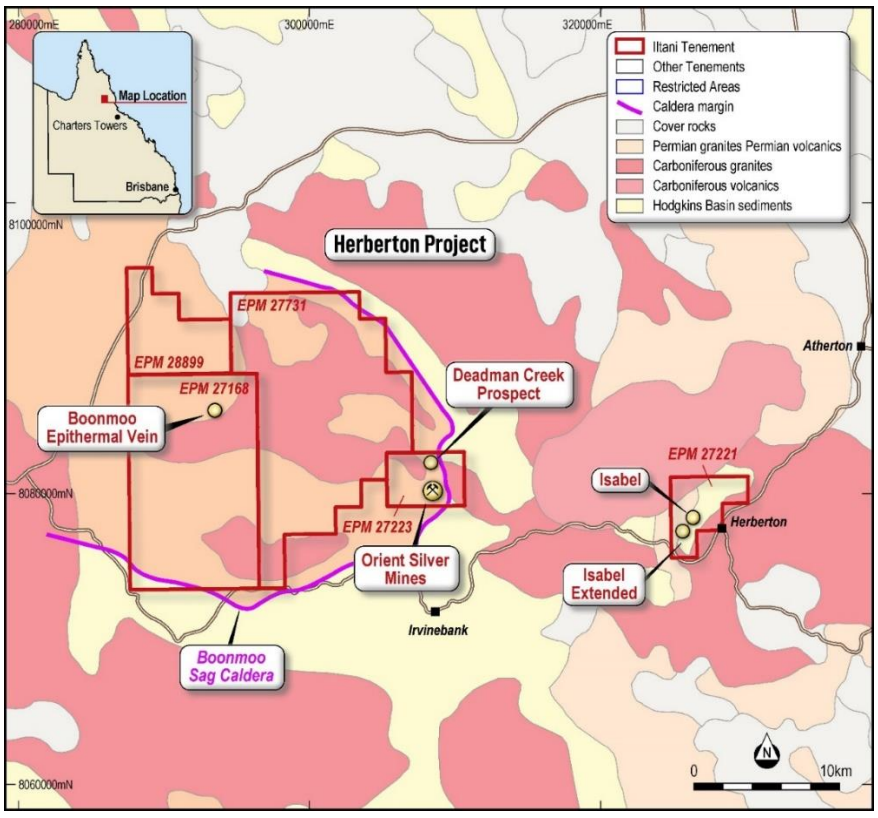
The mineralisation intersected to date is at shallow depths, is outcropping and is amenable to potential open pit mining. The mineralisation at Orient West and East is open along strike and depth, and Orient West and East are 2km apart, which highlights the upside at Orient Project.

We plan to commence drilling our Stage 2 program at Orient as soon as possible, targeting extensions of the mineralisation intersected in Stage 1, plus targeting areas of stockwork mineralisation discovered in our recent mapping program."

1. Orient Project

Iltani is pleased to report the remaining assay results from its recently completed reverse circulation (RC) drilling program at the Orient silver-lead-zinc-indium-antimony-tin project in North Queensland. The Orient project is located on Iltani's wholly owned tenement EPM27223, which is approximately 20km west of the historic mining town of Herberton and 9km north of Irvinebank (Figure 1). Access is via the sealed Herberton-Petford Road and then unsealed Hales Siding Road.

Figure 1 Orient Location and Regional Geology

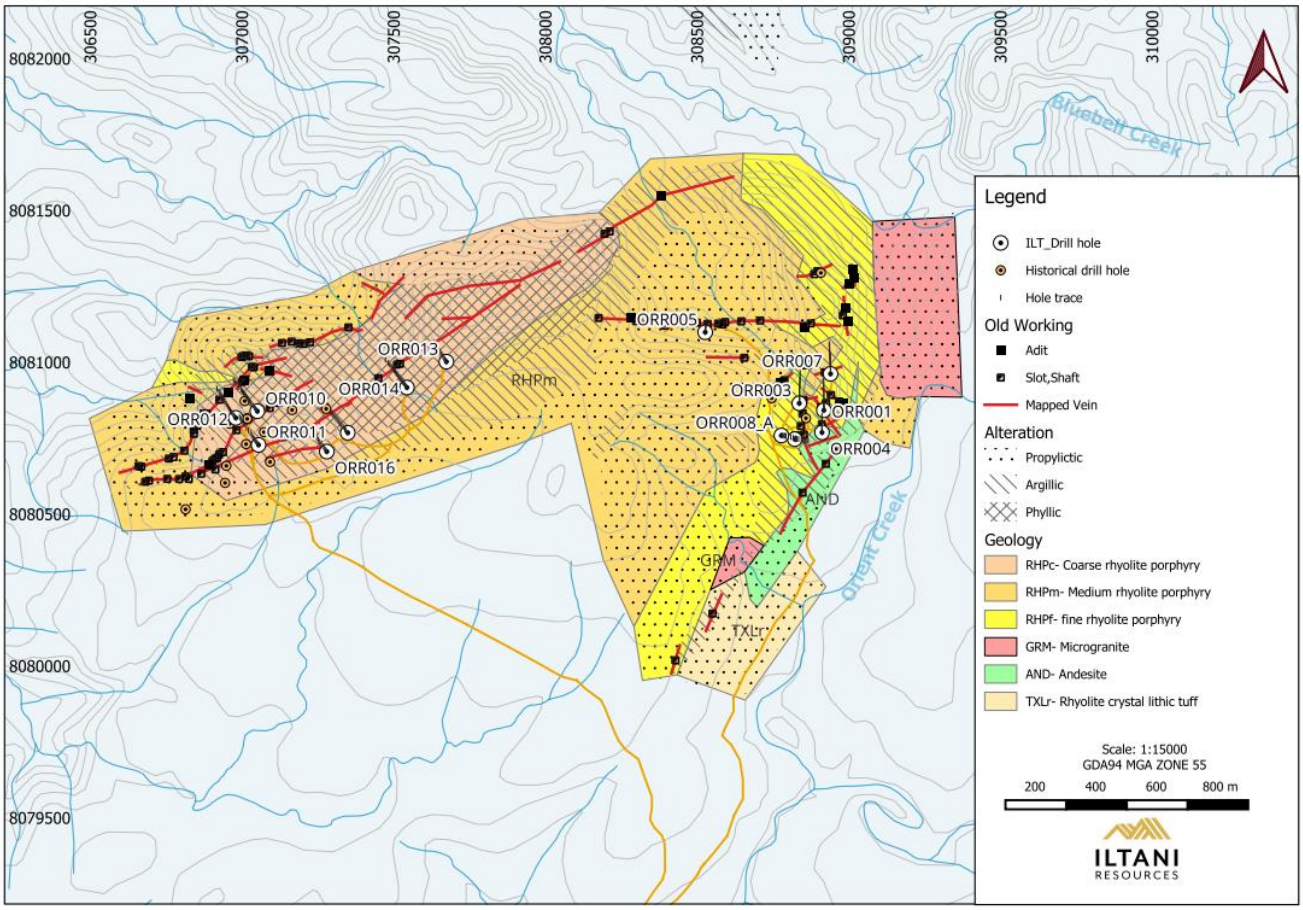


Iltani completed 14 RC holes for a total of 2,034m drilled, with seven holes (804 metres drilled) at Orient East and seven holes (1,224m drilled) at Orient West (refer to Table 3 for further information).

Material assay results for drills holes (ORR010, ORR011, ORR012, and ORR016) are reported in this release (refer to Table 1) following material assay results for ORR001, ORR003, ORR004, ORR007, ORR013, ORR014 and ORR015 reported on 13 October 2023[1].

Of note are the outstanding assay results received from a cluster of holes (ORR010, ORR011 and ORR012) drilled in Orient West.

Figure 2 Orient Drill Collar Location



[1] ASX announcement – *Iltani hits wide intersections of silver-lead-zinc-indium-antimony-tin mineralisation at Orient* – 13 October 2023

2. Orient West

Iltani completed seven RC drillholes at Orient West for 1,224 metres (ORR010, ORR011, ORR013, ORR014, ORR015 and ORR016). Drill holes ORR010, ORR011 and ORR012 (refer to Figure 3) intersected wide intersections of silver-lead-zinc-indium-antimony-tin mineralisation (refer to Figures 4 and 5). The mineralisation intersected in these holes is open down dip and along strike (to the NE and SW).

Table 1 Orient West Stage 1 RC Program - Material Intercepts

Hole	From (m)	To (m)	Intersect (m)	Ag g/t	Pb %	Zn %	In g/t	Sb g/t	Sb %	Sn g/t	Sn %
ORR010	60	101	41	34.8	0.69%	0.99%	35	321	0.03%	402	0.04%
incl.	67	72	5	74.5	1.52%	1.12%	47	205	0.02%	414	0.04%
and	90	98	8	73.0	1.15%	2.64%	116	1,283	0.13%	813	0.08%
incl.	93	95	2	172.5	2.61%	5.86%	296	4,000	0.40%	1,660	0.17%
ORR011	21	26	5	19.3	0.49%	0.63%	5	185	0.02%	583	0.06%
	39	46	7	19.0	0.59%	1.15%	16	852	0.09%	202	0.02%
	69	75	6	79.2	1.56%	2.51%	38	1,549	0.15%	563	0.06%
incl.	71	74	3	145.2	2.75%	4.54%	73	2,922	0.29%	977	0.10%
	114	115	1	30.7	0.85%	0.69%	2	71	0.01%	140	0.01%
	141	151	10	49.9	0.89%	1.07%	35	474	0.05%	455	0.05%
incl.	148	150	2	201.4	3.23%	3.95%	148	2,217	0.22%	1,290	0.13%
ORR012	47	52	5	79.6	1.75%	0.51%	5	621	0.06%	368	0.04%
	64	73	9	88.1	1.61%	1.12%	31	1,746	0.17%	647	0.06%
incl.	67	70	3	227.7	3.99%	2.54%	62	5,058	0.51%	1,305	0.13%
	92	97	5	30.9	0.51%	1.03%	25	148	0.01%	272	0.03%
ORR016	15	17	2	31.9	0.94%	1.00%	1	84	0.01%	198	0.02%
Intersection width (m) is downhole width not true width											

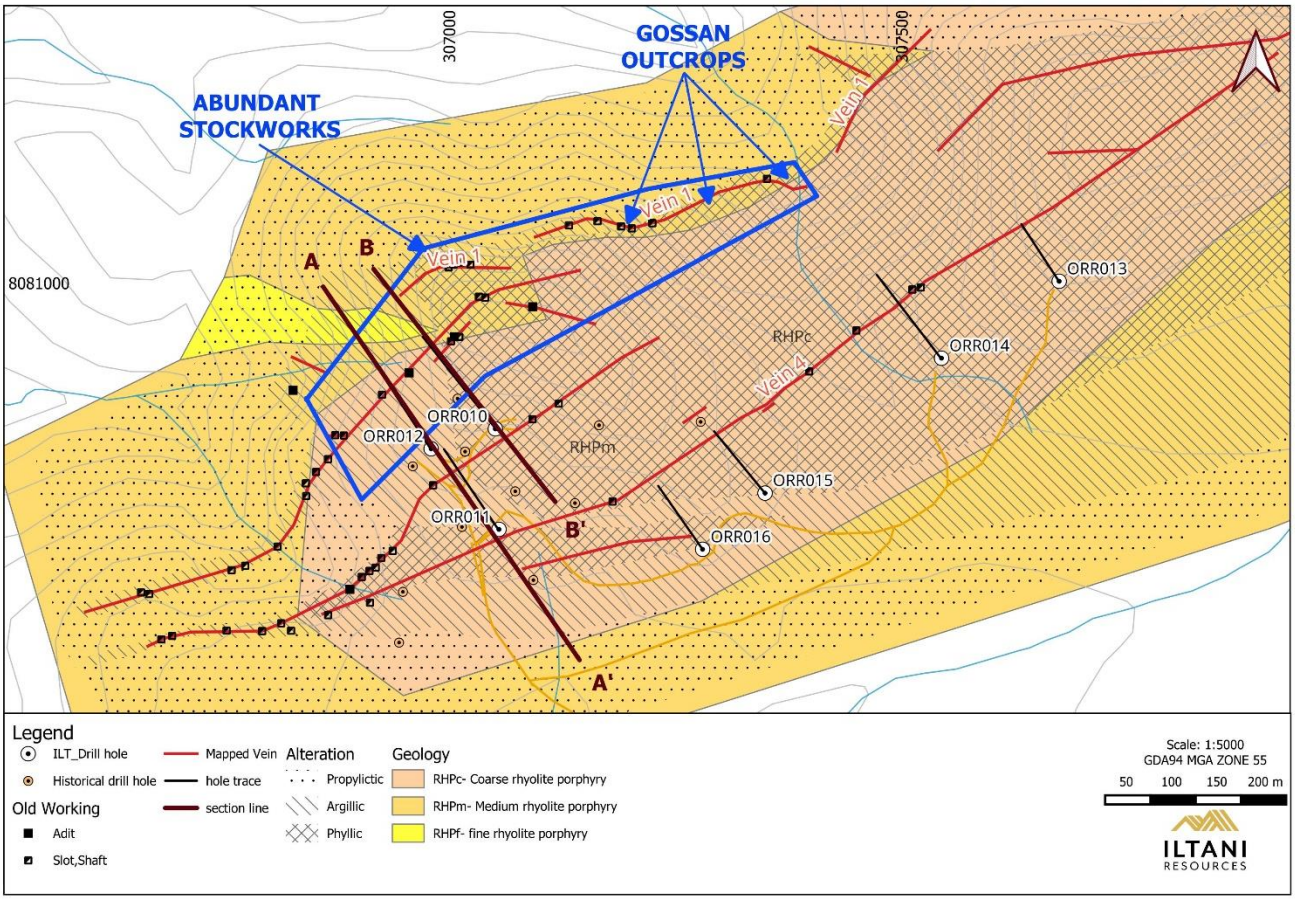
The material assay results from ORR010, ORR011 and ORR012 when taken in context with the previously received assay results for Orient West (Table 2) begins to paint a compelling picture of the potential of the Orient system to host a material silver-lead-zinc-indium-antimony-tin deposit.

Table 2 Orient West Stage 1 RC Drill Program Material Intercepts (Previously Released)

Hole	From (m)	To (m)	Intersect (m)	Ag g/t	Pb %	Zn %	In g/t	Sb g/t	Sb %	Sn g/t	Sn %
ORR013	15	17	2	173.5	3.76%	0.03%	17	153	0.02%	364	0.04%
	55	96	41	21.2	0.53%	0.57%	6	36	0.00%	257	0.03%
incl.	55	62	7	28.1	0.72%	0.83%	8	70	0.01%	281	0.03%
and	80	86	6	49.1	1.09%	0.98%	19	64	0.01%	371	0.04%
and	94	96	2	45.2	1.17%	1.51%	20	63	0.01%	974	0.10%
	131	132	1	31.7	0.86%	1.16%	22	39	0.00%	359	0.04%
ORR014	2	15	13	12.6	0.34%	0.12%	2	44	0.00%	60	0.01%
	24	35	11	24.7	0.62%	0.78%	9	81	0.01%	249	0.02%
	47	54	7	31.6	0.75%	0.74%	11	69	0.01%	296	0.03%
	95	96	1	45.9	1.22%	1.35%	19	67	0.01%	181	0.02%
	124	126	2	38.1	1.00%	1.21%	30	55	0.01%	333	0.03%
	144	155	11	33.8	0.63%	1.32%	54	48	0.00%	322	0.03%
incl.	148	150	2	81.9	0.87%	4.68%	250	124	0.01%	348	0.03%
Intersection width (m) is downhole width not true width											

Iltani's geological consultant, Nick Tate, noted (during mapping) that the area to the NW of the current drilling (blue box) contains significant stockworks and subparallel sheeted veins occur in the hanging and footwall of Vein 1. Historical workings indicate that the vein itself is potentially a series of lenses on several different parallel structures. The fresh pyrrhotite and sphalerite veins outcropping in the creek at the northeast end of the vein suggest that the stockworks extend at least 20m into the footwall. Outcrops in the hanging wall suggest stockworks extend even further above the vein.

Figure 3 Orient West Drill Collar Location

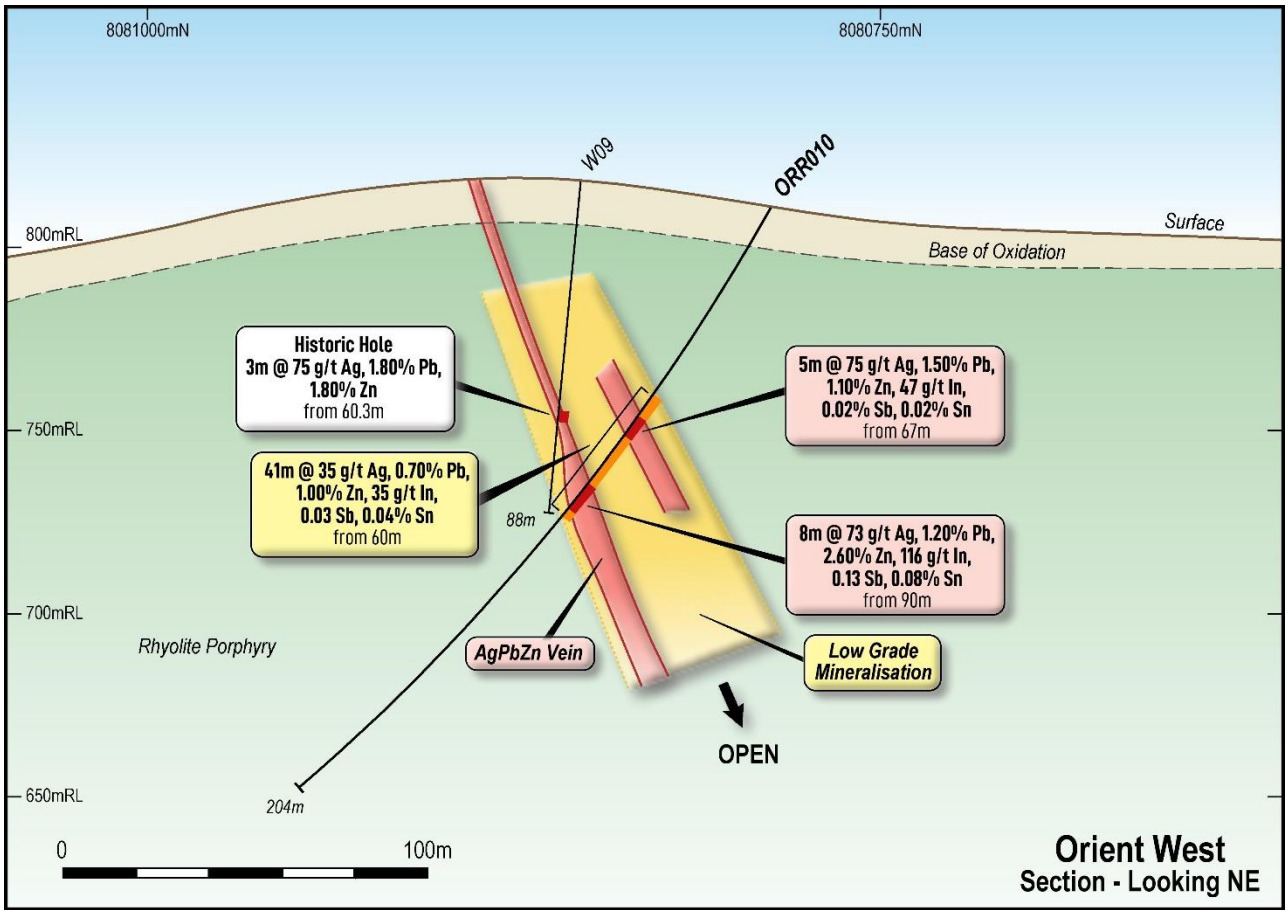


ORR010 intersected 41m of mineralisation (**41m @ 35 g/t Ag, 0.7% Pb, 1.0% Zn, 35 g/t In, 0.03% Sb and 0.04% Sn**) from 60m down hole. The intersection contained two higher grade zones: **5m @ 75 g/t Ag, 1.5% Pb, 1.1% Zn, 47 g/t In, 0.02% Sb and 0.04% Sn** from 67m downhole and **8m @ 73 g/t Ag, 1.2% Pb, 2.6% Zn, 116 g/t In, 0.13% Sb and 0.08% Sn** from 90m.

The mineralisation was previously drilled up dip by Great Northern Mining Corporation (drillhole W09, in the late 1980s - refer to Red River Resources Limited (RVR) ASX release 30 July 2020), with only limited partial assays available. Iltani's drilling confirms the presence of multiple high-grade veins within a larger halo of lower grade mineralisation. The mineralisation outcrops and is open down dip and along strike to the NE. The mineralisation in ORR010 was also intersected in ORR012 to the SW (approx. 70m along strike), and the mineralisation is open to the SW beyond ORR012.

The shallow nature of the mineralisation combined with the material width intersected makes the mineralisation amenable to open pit mining, which is only enhanced by the advantageous topography (mineralisation is situated on a ridge line).

Figure 4 Orient West Section (ORR010)



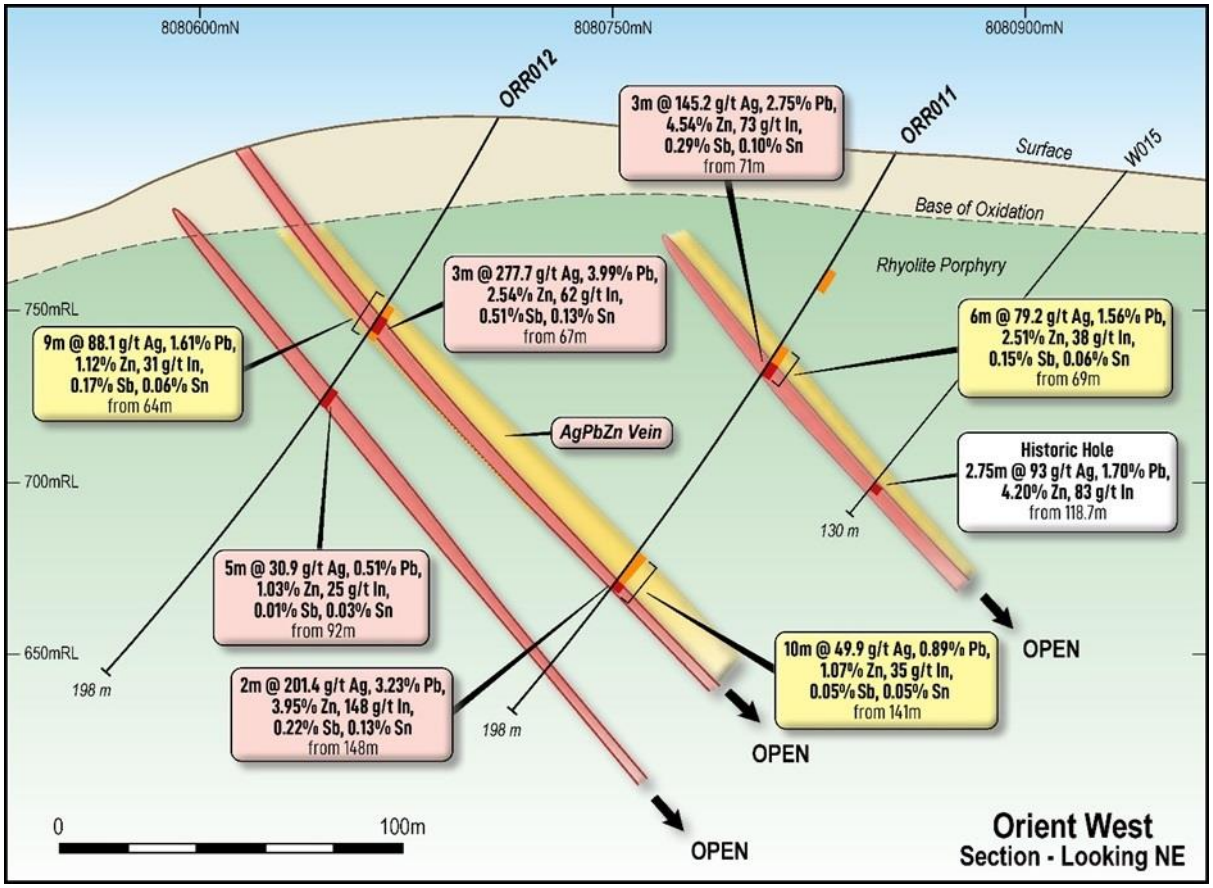
ORR011 and ORR012 intersected multiple vein systems, with a total of 19m of mineralisation intercepted in ORR011 and 29m of material mineralisation intercepted in ORR012.

The high-grade vein intersected in ORR012 (**3m @ 228g/t Ag, 4.0% Pb, 2.5% Zn, 62 g/t In, 0.51% Sb and 0.13% Sn** from 67m downhole within a larger intercept of **9m @ 88g/t Ag, 1.6% Pb, 1.1% Zn, 31 g/t In, 0.17% Sb and 0.06% Sn** from 64m downhole) was intersected in ORR011 (**2m @ 201 g/t Ag, 3.2% Pb, 3.9% Zn, 148 g/t In, 0.22% Sb and 0.13% Sn** from 148m downhole within a larger intercept of **10m @ 50 g/t Ag, 0.9% Pb, 1.1% Zn, 35 g/t In, 0.05% Sb and 0.05% Sn** from 141m downhole) This also correlates with the mineralisation intercepted in ORR010 (approx. 70m to the NE along strike).

The mineralisation intersected in ORR011 was previously drilled down dip by Great Northern Mining Corporation (drillhole W015, in the late 1980s), (refer to Red River Resources Limited (RVR) ASX release 30 July 2020), with only limited partial assays available). Iltani's drilling confirms the presence of a high-grade vein system within a larger halo of lower grade mineralisation.

Mineralisation intercepted in ORR011 and ORR012 is open at depth and along strike (to the NE and SW). The stacked nature of mineralisation intercepted at shallow depths makes the mineralisation amenable to open pit mining, which again is enhanced by the fact that the mineralisation outcrops, and the advantageous topography.

Figure 5 Orient West Section (ORR011 and ORR012)



3. Orient East

Iltani completed seven RC drillholes at Orient East for 804 metres drilled (ORR001, ORR003, ORR004, ORR005, ORR007, ORR008 and ORR008A). Assay results have been received for all holes, with material assay results recently received for ORR05 and ORR08A (Table 3).

Table 3 Orient East Stage 1 RC Program - Material Intercepts

Hole	From (m)	To (m)	Intersect (m)	Ag g/t	Pb %	Zn %	In g/t	Sb g/t	Sb %	Sn g/t	Sn %
ORR005	34	36	2	80.6	1.86%	1.60%	37	209	0.02%	1,035	0.10%
ORR008A	29	37	8	20.1	0.48%	0.59%	1	53	0.01%	179	0.02%
incl.	33	35	2	41.9	0.97%	1.33%	3	73	0.01%	255	0.03%
Intersection width (m) is downhole width not true width											

The material assay results from ORR005 and ORR08A when taken in context with the previously received assay results for Orient East (Table 4), again, similarly to the assay results received from Orient East begin to paint a compelling picture of the potential of the Orient system to host a material silver-lead-zinc-indium-antimony-tin deposit.

Table 4 Orient East Stage 1 RC Drill Program Material Intercepts (Previously Received)

Hole	From (m)	To (m)	Intersect (m)	Ag g/t	Pb %	Zn %	In g/t	Zn %	In g/t	Sb g/t	Sn g/t	Sn %
ORR001	19	57	38	69	1.29%	1.44%	7	1.44%	7	319	1,084	0.11%
incl.	20	24	4	89	2.00%	2.08%	22	2.08%	22	329	353	0.04%
and	27	34	7	180	2.99%	3.25%	12	3.25%	12	870	4,353	0.44%
	81	120	39	22	0.58%	0.71%	2	0.71%	2	191	221	0.02%
incl.	99	100	1	118	2.81%	2.87%	33	2.87%	33	217	390	0.04%
ORR003	39	80	41	36	0.78%	0.83%	5	0.83%	5	257	444	0.04%
incl.	50	52	2	95	1.89%	1.59%	11	1.59%	11	843	855	0.09%
and	59	64	5	122	2.45%	2.48%	27	2.48%	27	731	1,302	0.13%
	110	130	20	20	0.52%	0.60%	3	0.60%	3	109	235	0.02%
ORR004	21	26	5	33	0.76%	1.95%	4	1.95%	4	45	109	0.01%
Intersection width (m) is downhole width not true width												

4. Commentary on Stage 1 RC Drilling Results

Iltani's Stage 1 RC drilling program at Orient has been an outstanding success and has demonstrated the potential of the Orient system to host one of Australia's largest silver deposits combined with material exposure to critical raw materials (indium and antimony).

The drilling has discovered extensive silver-lead-zinc-indium-antimony tin mineralisation at both Orient West and Orient East, with high-grade vein systems surrounded by a larger zones of lower grade mineralisation. Notable intercepts were delivered by multiple drillholes, and the following drillholes are standouts (in terms of both grade and thickness).

Table 5 Orient West Stage 1 RC Program - Material Intercepts

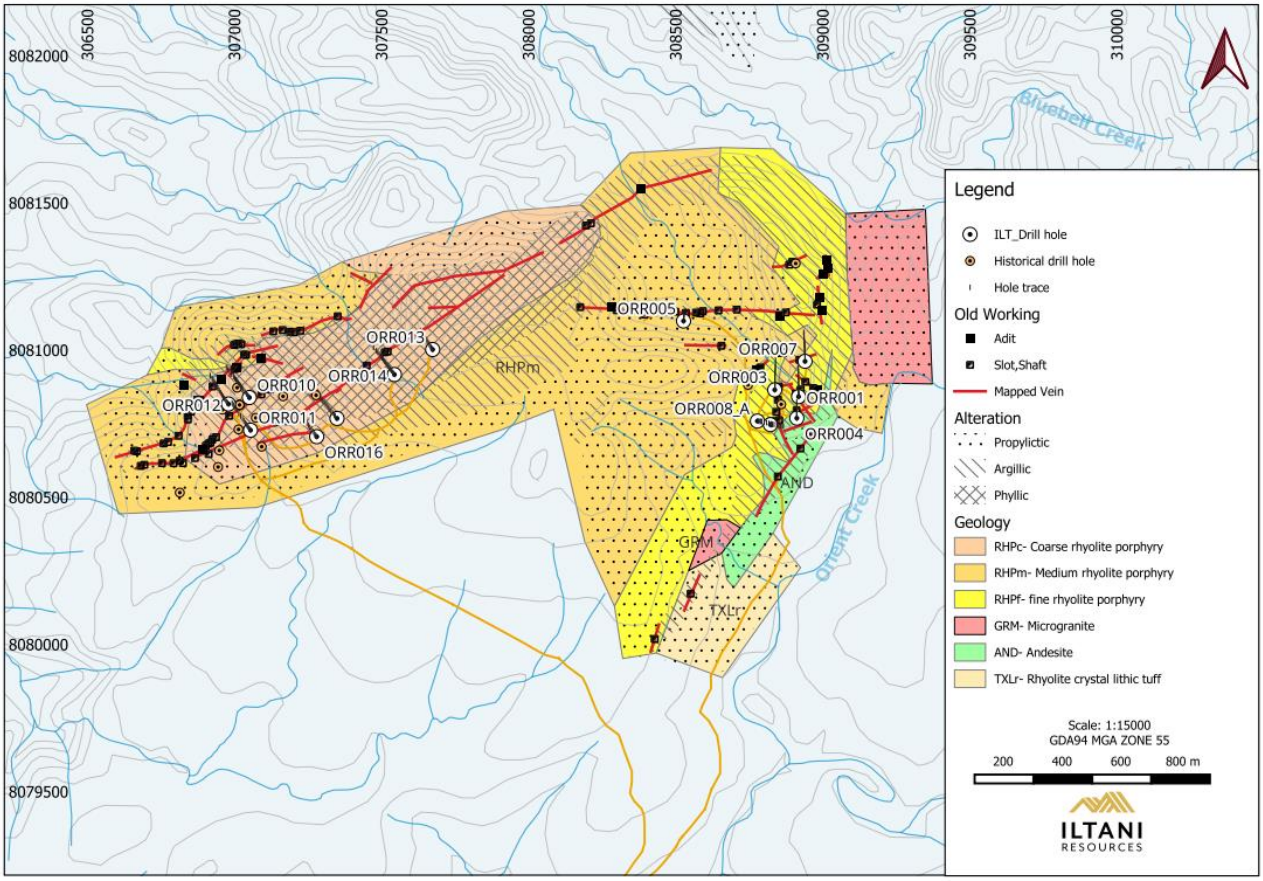
Hole	From (m)	To (m)	Intersect (m)	Ag g/t	Pb %	Zn %	In g/t	Sb g/t	Sb %	Sn g/t	Sn %
ORR010	60	101	41	34.8	0.69%	0.99%	35	321	0.03%	402	0.04%
incl.	67	72	5	74.5	1.52%	1.12%	47	205	0.02%	414	0.04%
and	90	96	6	89.0	1.36%	3.00%	135	1,513	0.15%	846	0.08%
incl.	93	95	2	172.5	2.61%	5.86%	296	4,000	0.40%	1,660	0.17%
ORR011	21	26	5	19.3	0.49%	0.63%	5	185	0.02%	583	0.06%
	39	46	7	19.0	0.59%	1.15%	16	852	0.09%	202	0.02%
	69	75	6	79.2	1.56%	2.51%	38	1,549	0.15%	563	0.06%
incl.	71	74	3	145.2	2.75%	4.54%	73	2,922	0.29%	977	0.10%
	114	115	1	30.7	0.85%	0.69%	2	71	0.01%	140	0.01%
	141	151	10	49.9	0.89%	1.07%	35	474	0.05%	455	0.05%
incl.	148	150	2	201.4	3.23%	3.95%	148	2,217	0.22%	1,290	0.13%
ORR012	47	52	5	79.6	1.75%	0.51%	5	621	0.06%	368	0.04%
	64	73	9	88.1	1.61%	1.12%	31	1,746	0.17%	647	0.06%
incl.	67	70	3	227.7	3.99%	2.54%	62	5,058	0.51%	1,305	0.13%
	92	97	5	30.9	0.51%	1.03%	25	148	0.01%	272	0.03%
ORR013	15	17	2	173.5	3.76%	0.03%	17	153	0.02%	364	0.04%
	55	96	41	21.2	0.53%	0.57%	6	36	0.00%	257	0.03%
incl.	55	62	7	28.1	0.72%	0.83%	8	70	0.01%	281	0.03%
and	80	86	6	49.1	1.09%	0.98%	19	64	0.01%	371	0.04%
and	94	96	2	45.2	1.17%	1.51%	20	63	0.01%	974	0.10%
	131	132	1	31.7	0.86%	1.16%	22	39	0.00%	359	0.04%
ORR014	2	15	13	12.6	0.34%	0.12%	2	44	0.00%	60	0.01%
	24	35	11	24.7	0.62%	0.78%	9	81	0.01%	249	0.02%
	47	54	7	31.6	0.75%	0.74%	11	69	0.01%	296	0.03%
	95	96	1	45.9	1.22%	1.35%	19	67	0.01%	181	0.02%
	124	126	2	38.1	1.00%	1.21%	30	55	0.01%	333	0.03%
	144	155	11	33.8	0.63%	1.32%	54	48	0.00%	322	0.03%
inc.	148	150	2	81.9	0.87%	4.68%	250	124	0.01%	348	0.03%
Intersection width (m) is downhole width not true width											

Table 6 Orient East Stage 1 RC Program - Material Intercepts

Hole	From (m)	To (m)	Intersect (m)	Ag g/t	Pb %	Zn %	In g/t	Sb g/t	Sb %	Sn g/t	Sn %
ORR01	19	57	38	68.6	1.29%	1.44%	7	319	0.03%	1,084	0.11%
incl.	20	24	4	89.3	2.00%	2.08%	22	329	0.03%	353	0.04%
and	27	34	7	179.5	2.99%	3.25%	12	870	0.09%	4,353	0.44%
	81	120	39	22.4	0.58%	0.71%	2	191	0.02%	221	0.02%
incl.	99	100	1	118.0	2.81%	2.87%	33	217	0.02%	390	0.04%
ORR003	39	80	41	35.5	0.78%	0.83%	5	257	0.03%	444	0.04%
incl.	50	52	2	95.0	1.89%	1.59%	11	843	0.08%	855	0.09%
and	59	64	5	121.5	2.45%	2.48%	27	731	0.07%	1,302	0.13%
	110	130	20	20.1	0.52%	0.60%	3	109	0.01%	235	0.02%
ORR004	21	26	5	33.0	0.76%	1.95%	4	45	0.00%	109	0.01%
ORR005	34	36	2	80.6	1.86%	1.60%	37	209	0.02%	1,035	0.10%
ORR008A	29	37	8	20.1	0.48%	0.59%	1	53	0.01%	179	0.02%
incl.	33	35	2	41.9	0.97%	1.33%	3	73	0.01%	255	0.03%
Intersection width (m) is downhole width not true width											

Based on the results to date, Iltani believes that Orient has the potential to be a world-class system, with mineralisation intercepted in Orient West and Orient East (2km apart) (Figure 6), and the system extends 1.5km north to Deadman Creek (Figure 7).

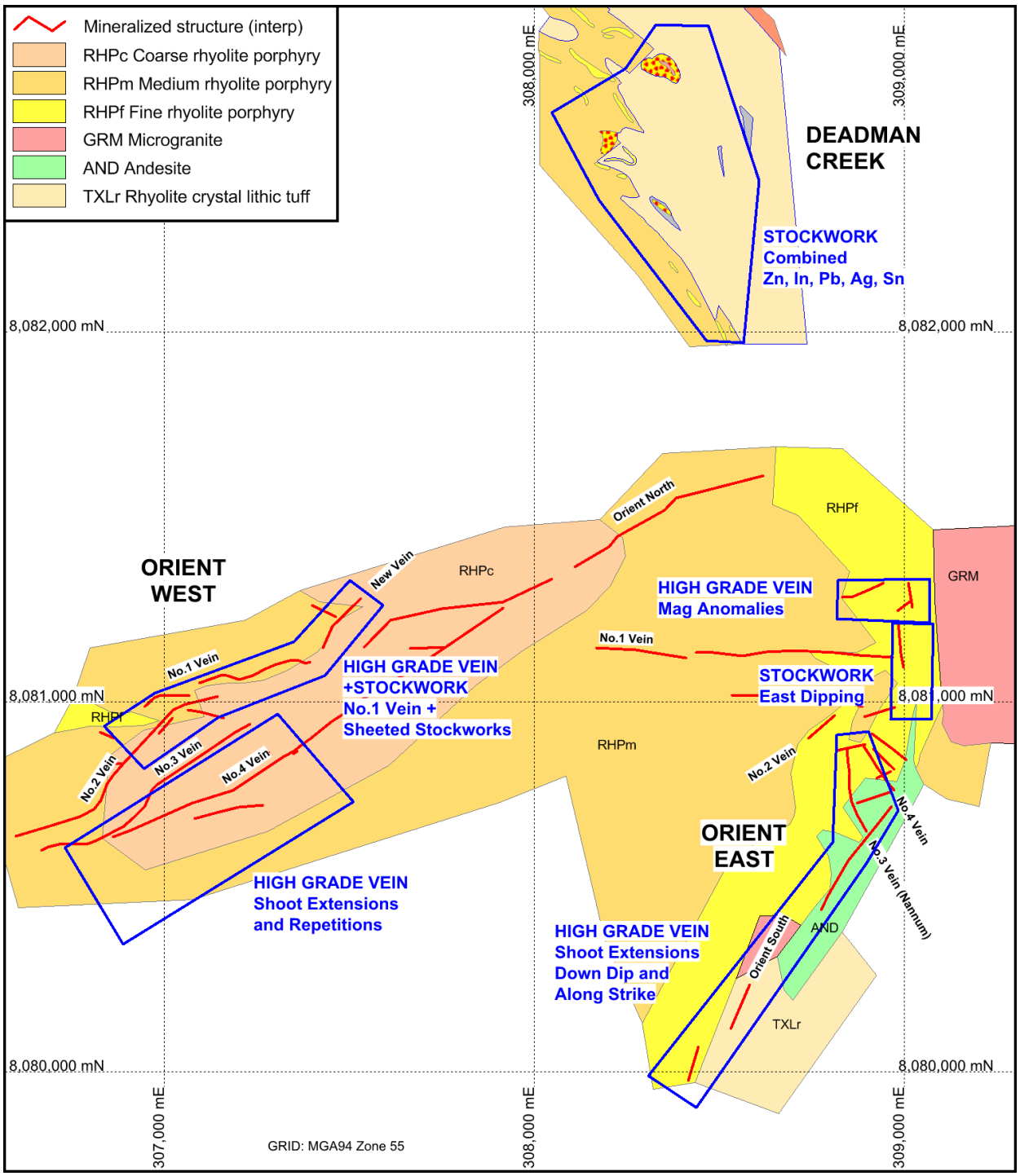
Figure 6 Orient Plan



The mineralisation outcrops and its shallow nature is conducive to potential open pit mining, which is enhanced by the topography, with the vein systems outcropping close to or along ridge lines.

The mineralisation intersected in the Stage 1 drilling is open at depth and along strike, combined with the target areas (Figure 7) from recent mapping demonstrating the potential of the Orient System.

Figure 7 Orient Target Areas



5. Next Steps

Iltani is planning the next stages of exploration at the Orient project, following up on the Stage 1 RC drilling program and the recently completed mapping. Iltani aims to extend the mineralisation intersected in Stage 1 and test stockwork targets generated by mapping.

- **Stockwork Target Definition**

Follow up mapping and sampling on the stockwork targets (Vein 1 Orient West, Deadman Creek and Orient South) to generate drill targets.

- **Stage 2 RC drilling program**

Iltani has commenced designing the Stage 2 RC program, and the program will be designed to follow up the most promising results from Stage 1 plus test stockwork targets (Vein 1 Orient West, Deadman Creek and Orient South). Subject to drill rig availability, approvals and clearance, Iltani anticipates commencing the Stage 2 RC program as soon as preparation is complete.

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 Carlos Duran who is a member of The Australasian Institute of Geologists (AIG), and is a consultant engaged by 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 Duran consents to the inclusion in this report of the matters based on the information in the form and context in which it appears.

About Iltani

Iltani Resources (ASX: ILT) is a recently listed ASX company focused on the base metals and critical raw materials 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, including a high priority silver target at Orient, part of its Herberton Project, which will be its initial focus for exploration.

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 volcanic hosted massive sulphide deposits.

Figure 8 Location of Iltani Resources' projects in Queensland and Tasmania

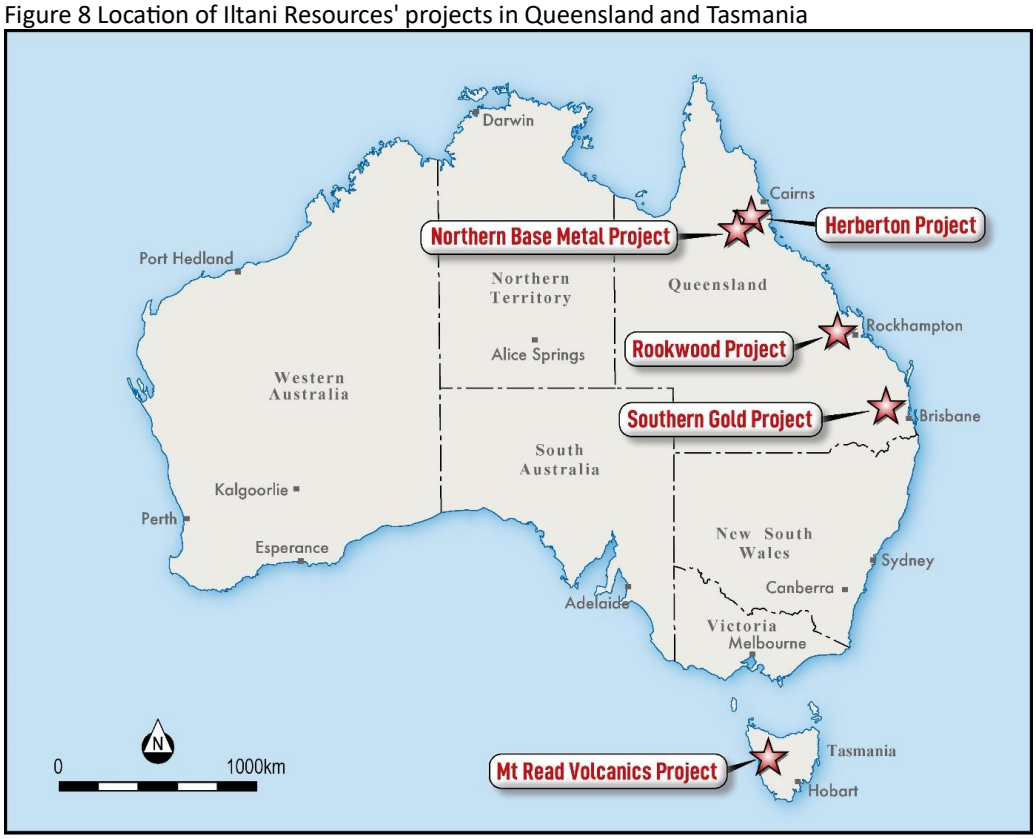

Table 7 Orient Stage 1 RC Drill Program Drillhole Data

DH ID	Easting	Northing	Elevation (m)	Dip	Azimuth (Mag)	Azimuth (Grid)	Depth (m)
ORR001	308918	8080842	815	-60	353.5	0	150
ORR003	308837	8080865	798	-60	353.5	0	150
ORR004	308912	8080769	798	-60	353.5	0	102
ORR005	308527	8081099	756	-60	353.5	0	72
ORR007	308940	8080962	821	-60	353.5	0	162
ORR008	308822	8080747	791	-60	353.5	90	18
ORR008_A	308778	8080759	790	-60	83.5	90	156
ORR010	307051	8080839	809	-60	313.5	320	204
ORR011	307055	8080728	796	-60	313.5	320	198
ORR012	306980	8080817	805	-60	313.5	320	198
ORR013	307674	8081002	826	-60	313.5	320	156
ORR014	307544	8080917	799	-60	313.5	320	168
ORR015	307349	8080768	803	-60	313.5	320	150
ORR016	307280	8080706	801	-60	313.5	320	150

Table 8 Orient Stage 1 RC Drill Assay Data (ORR005)

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR005	20	21	1	121694	0.12	5	0.00%	0.01%	0.035	2	2
ORR005	21	22	1	121695	0.26	8	0.01%	0.01%	0.043	3	3
ORR005	22	23	1	121697	0.22	7	0.01%	0.01%	0.039	2	2
ORR005	23	24	1	121698	0.12	7	0.00%	0.01%	0.038	2	2
ORR005	24	25	1	121699	0.18	7	0.00%	0.01%	0.034	2	3
ORR005	25	26	1	121700	0.21	7	0.01%	0.01%	0.037	2	5
ORR005	26	27	1	121701	0.14	6	0.00%	0.01%	0.047	2	2
ORR005	27	28	1	121702	0.10	5	0.00%	0.01%	0.037	2	2
ORR005	28	29	1	121703	0.11	6	0.00%	0.01%	0.038	2	2
ORR005	29	30	1	121704	0.12	5	0.00%	0.01%	0.035	2	2
ORR005	30	31	1	121705	0.09	6	0.00%	0.01%	0.037	2	2
ORR005	31	32	1	121706	0.08	6	0.00%	0.01%	0.042	3	2
ORR005	32	33	1	121707	0.13	8	0.00%	0.01%	0.049	3	2
ORR005	33	34	1	121708	6.71	152	0.10%	0.10%	1.37	20	85
ORR005	34	35	1	121709	103.00	>10000	2.37%	2.47%	57.6	319	1,620
ORR005	35	36	1	121710	58.10	2,700	1.35%	0.73%	15.55	99	450
ORR005	36	37	1	121711	3.34	87	0.07%	0.10%	0.381	10	52
ORR005	37	38	1	121712	0.80	45	0.02%	0.03%	0.219	7	27
ORR005	38	39	1	121713	0.31	36	0.01%	0.01%	0.106	7	7
ORR005	39	40	1	121714	0.28	23	0.01%	0.01%	0.097	5	3
ORR005	40	41	1	121715	0.23	17	0.00%	0.01%	0.052	6	3
ORR005	41	42	1	121717	0.15	15	0.00%	0.01%	0.062	10	6
ORR005	42	43	1	121718	0.16	9	0.00%	0.01%	0.029	9	2
ORR005	43	44	1	121719	0.12	11	0.00%	0.01%	0.041	6	2
ORR005	44	45	1	121720	0.11	6	0.00%	0.01%	0.038	6	3
ORR005	45	46	1	121721	0.11	5	0.00%	0.01%	0.033	3	2
ORR005	46	47	1	121722	0.10	6	0.00%	0.01%	0.045	5	2
ORR005	47	48	1	121723	0.15	6	0.00%	0.01%	0.056	9	2
ORR005	48	49	1	121724	0.16	9	0.00%	0.01%	0.027	8	2
ORR005	49	50	1	121725	0.14	6	0.00%	0.01%	0.039	8	2

Table 9 Orient Stage 1 RC Drill Assay Data (ORR008A)

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR008_A	20	21	1	121789	2.71	2	0.09%	0.13%	0.06	7	43
ORR008_A	21	22	1	121790	0.22	2	0.01%	0.01%	0.05	2	3
ORR008_A	22	23	1	121791	0.15	1	0.01%	0.01%	0.05	2	3
ORR008_A	23	24	1	121792	0.16	1	0.01%	0.01%	0.06	2	3
ORR008_A	24	25	1	121793	0.25	2	0.01%	0.01%	0.04	4	5
ORR008_A	25	26	1	121794	11.00	1	0.29%	0.40%	0.22	22	124
ORR008_A	26	27	1	121795	0.70	2	0.02%	0.02%	0.04	10	19
ORR008_A	27	28	1	121797	0.57	2	0.01%	0.02%	0.05	6	9
ORR008_A	28	29	1	121798	5.43	1	0.15%	0.18%	0.08	12	50
ORR008_A	29	30	1	121799	12.85	4	0.33%	0.43%	0.22	23	132
ORR008_A	30	31	1	121800	17.65	179	0.36%	0.25%	0.20	45	166
ORR008_A	31	32	1	121801	12.85	539	0.33%	0.37%	0.23	46	157
ORR008_A	32	33	1	121802	15.75	431	0.37%	0.40%	0.04	44	219
ORR008_A	33	34	1	121803	39.20	353	0.91%	1.28%	0.77	59	231
ORR008_A	34	35	1	121804	44.60	101	1.04%	1.39%	4.75	88	278
ORR008_A	35	36	1	121805	9.13	35	0.25%	0.27%	0.70	77	158
ORR008_A	36	37	1	121806	8.54	30	0.23%	0.35%	0.47	45	93
ORR008_A	37	38	1	121807	1.91	19	0.04%	0.04%	0.07	16	35
ORR008_A	38	39	1	121808	5.10	10	0.15%	0.15%	0.20	12	68
ORR008_A	39	40	1	121809	3.17	10	0.10%	0.12%	0.30	10	52
ORR008_A	40	41	1	121810	5.83	14	0.18%	0.23%	1.04	65	81
ORR008_A	41	42	1	121811	0.89	11	0.03%	0.03%	0.10	16	21
ORR008_A	42	43	1	121812	6.12	13	0.19%	0.23%	0.51	69	100
ORR008_A	43	44	1	121813	2.29	10	0.07%	0.07%	0.13	40	32
ORR008_A	44	45	1	121814	0.32	8	0.01%	0.01%	0.06	13	15
ORR008_A	45	46	1	121815	0.37	12	0.01%	0.01%	0.06	17	22
ORR008_A	46	47	1	121817	1.05	11	0.03%	0.03%	0.06	12	30
ORR008_A	47	48	1	121818	0.27	8	0.00%	0.00%	0.04	9	6
ORR008_A	48	49	1	121819	0.30	13	0.01%	0.01%	0.04	8	7
ORR008_A	49	50	1	121820	0.45	10	0.01%	0.01%	0.05	11	15

Table 10 Orient Stage 1 RC Drill Assay Data (ORR010)

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR010	50	51	1	120560	2.18	6	0.08%	0.09%	0.21	10	68
ORR010	51	52	1	120561	1.62	6	0.05%	0.06%	0.15	12	71
ORR010	52	53	1	120562	2.13	5	0.08%	0.11%	0.25	10	78
ORR010	53	54	1	120563	6.25	24	0.23%	0.38%	2.74	19	208
ORR010	54	55	1	120564	1.26	5	0.05%	0.06%	0.30	7	52
ORR010	55	56	1	120565	1.22	4	0.05%	0.05%	0.23	6	51
ORR010	56	57	1	120566	0.58	5	0.02%	0.02%	0.10	6	31
ORR010	57	58	1	120568	0.83	6	0.03%	0.03%	0.14	6	39
ORR010	58	59	1	120569	1.02	6	0.04%	0.04%	0.17	6	45
ORR010	59	60	1	120570	2.60	8	0.11%	0.13%	0.36	8	76
ORR010	60	61	1	120571	19.10	82	0.68%	0.73%	3.68	38	351
ORR010	61	62	1	120572	10.35	27	0.34%	0.50%	6.15	24	211
ORR010	62	63	1	120573	4.87	20	0.17%	0.23%	1.50	14	136
ORR010	63	64	1	120574	2.59	31	0.10%	0.11%	0.58	11	80
ORR010	64	65	1	120575	4.85	22	0.17%	0.18%	1.47	18	125
ORR010	65	66	1	120576	16.90	34	0.47%	0.50%	5.39	32	312
ORR010	66	67	1	120577	6.20	16	0.18%	0.17%	1.98	34	149
ORR010	67	68	1	120578	68.20	885	1.52%	0.86%	40.20	125	255
ORR010	68	69	1	120579	92.50	827	2.07%	1.70%	82.60	166	388
ORR010	69	70	1	120580	7.31	58	0.18%	0.16%	5.41	36	93
ORR010	70	71	1	120581	6.47	18	0.19%	0.17%	2.42	57	173
ORR010	71	72	1	120582	198.00	4,350	3.65%	2.72%	103.50	643	1,160
ORR010	72	73	1	120583	15.75	9	0.45%	0.66%	7.67	46	320
ORR010	73	74	1	120584	3.61	11	0.12%	0.12%	1.23	25	127
ORR010	74	75	1	120585	19.20	7	0.52%	0.59%	7.84	38	314
ORR010	75	76	1	120586	126.00	5,480	2.27%	1.92%	79.20	435	1,180
ORR010	76	77	1	120588	22.30	680	0.50%	0.43%	11.90	98	253
ORR010	77	78	1	120589	12.40	99	0.35%	0.51%	7.81	34	341
ORR010	78	79	1	120590	1.82	14	0.08%	0.07%	0.91	15	99
ORR010	79	80	1	120591	1.85	13	0.08%	0.08%	1.07	17	106
ORR010	80	81	1	120592	2.30	11	0.10%	0.09%	1.37	24	124
ORR010	81	82	1	120593	16.90	4	0.48%	0.61%	10.90	31	353
ORR010	82	83	1	120594	36.30	1,025	0.77%	0.70%	19.90	56	406
ORR010	83	84	1	120595	6.36	26	0.19%	0.17%	2.15	71	136
ORR010	84	85	1	120596	12.40	8	0.39%	0.46%	4.06	36	292
ORR010	85	86	1	120597	13.75	8	0.45%	0.51%	6.12	33	350
ORR010	86	87	1	120598	6.73	29	0.22%	0.23%	3.99	48	178
ORR010	87	88	1	120599	15.95	41	0.42%	0.65%	13.65	88	367
ORR010	88	89	1	120600	27.90	75	0.60%	1.13%	23.70	98	364
ORR010	89	90	1	120601	20.80	71	0.51%	0.59%	9.61	63	400
ORR010	90	91	1	120602	40.20	363	0.79%	1.30%	44.50	109	470
ORR010	91	92	1	120603	58.00	673	1.05%	2.08%	72.10	154	460

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR010	92	93	1	120604	58.80	5,590	0.72%	1.42%	43.40	317	346
ORR010	93	94	1	120605	208.00	8,690	3.54%	6.67%	316.00	5,520	2,040
ORR010	94	95	1	120606	137.00	>10000	1.68%	5.04%	276.00	2,480	1,280
ORR010	95	96	1	120608	32.20	2,780	0.40%	1.51%	59.20	499	480
ORR010	96	97	1	120609	29.00	134	0.61%	0.68%	13.75	66	349
ORR010	97	98	1	120610	20.80	518	0.43%	2.39%	99.70	1,115	1,080
ORR010	98	99	1	120611	15.35	101	0.32%	0.87%	25.60	206	353
ORR010	99	100	1	120612	15.20	73	0.43%	0.50%	9.00	88	236
ORR010	100	101	1	120613	10.70	280	0.28%	0.43%	12.60	152	249
ORR010	101	102	1	120614	3.83	53	0.15%	0.15%	2.93	32	163
ORR010	102	103	1	120615	3.59	32	0.12%	0.13%	2.46	46	131
ORR010	103	104	1	120616	2.45	15	0.10%	0.10%	1.05	13	94
ORR010	104	105	1	120617	2.27	22	0.10%	0.08%	1.39	9	82
ORR010	105	106	1	120618	1.64	19	0.06%	0.06%	1.46	9	69
ORR010	106	107	1	120619	3.73	52	0.14%	0.16%	1.38	13	94
ORR010	107	108	1	120620	5.46	24	0.17%	0.10%	1.24	15	154
ORR010	108	109	1	120621	4.60	16	0.11%	0.12%	0.90	14	80
ORR010	109	110	1	120622	14.90	3,110	0.32%	0.50%	1.07	60	178

Table 11 Orient Stage 1 RC Drill Assay Data (ORR011)

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR011	19	20	1	120951	0.25	17	0.01%	0.05%	0.03	22	2
ORR011	20	21	1	120952	1.98	6	0.07%	0.09%	0.06	17	48
ORR011	21	22	1	120953	16.80	3	0.44%	0.43%	1.62	24	226
ORR011	22	23	1	120954	44.00	35	1.06%	1.76%	16.45	821	2,110
ORR011	23	24	1	120955	8.73	2	0.22%	0.27%	1.68	33	180
ORR011	24	25	1	120956	13.60	1	0.34%	0.33%	1.71	23	230
ORR011	25	26	1	120957	13.30	2	0.38%	0.35%	1.53	23	170
ORR011	26	27	1	120958	9.79	2	0.34%	0.34%	1.49	20	196
ORR011	27	28	1	120959	1.64	5	0.04%	0.05%	0.22	10	23
ORR011	28	29	1	120960	0.46	3	0.01%	0.02%	0.08	6	7
ORR011	29	30	1	120961	0.20	3	0.01%	0.01%	0.05	4	4
ORR011	30	31	1	120962	0.11	3	0.00%	0.02%	0.04	4	2
ORR011	31	32	1	120963	0.04	3	0.00%	0.01%	0.03	4	2
ORR011	32	33	1	120964	0.04	4	0.00%	0.01%	0.03	6	2
ORR011	33	34	1	120965	0.28	4	0.01%	0.01%	0.04	19	9
ORR011	34	35	1	120966	4.83	1	0.13%	0.19%	0.13	59	67
ORR011	35	36	1	120968	7.14	2	0.24%	0.26%	0.22	233	84
ORR011	36	37	1	120969	0.21	5	0.01%	0.01%	0.03	29	5
ORR011	37	38	1	120970	2.32	4	0.06%	0.06%	0.05	66	32
ORR011	38	39	1	120971	7.19	4	0.20%	0.30%	0.40	129	91

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR011	39	40	1	120972	16.80	3	0.42%	0.43%	1.55	56	174
ORR011	40	41	1	120973	18.85	323	0.56%	1.36%	22.20	1,200	202
ORR011	41	42	1	120974	16.15	11	0.33%	0.45%	3.87	79	185
ORR011	42	43	1	120975	21.80	7	0.50%	0.47%	2.15	38	203
ORR011	43	44	1	120976	5.31	15	0.10%	0.20%	1.23	15	140
ORR011	44	45	1	120977	39.80	4,260	1.76%	4.63%	80.00	4,330	338
ORR011	45	46	1	120978	14.45	92	0.44%	0.51%	4.43	245	174
ORR011	46	47	1	120979	1.49	38	0.06%	0.09%	1.14	79	35
ORR011	47	48	1	120980	0.53	21	0.02%	0.04%	0.58	30	9
ORR011	48	49	1	120981	0.24	3	0.01%	0.02%	0.10	9	4
ORR011	49	50	1	120982	0.08	4	0.00%	0.01%	0.06	6	2
ORR011	50	51	1	120983	0.11	3	0.00%	0.01%	0.06	7	2
ORR011	66	67	1	120984	5.78	11	0.17%	0.24%	0.16	68	95
ORR011	67	68	1	120985	9.94	2	0.31%	0.38%	0.60	37	176
ORR011	68	69	1	120986	3.10	3	0.07%	0.11%	0.28	14	136
ORR011	69	70	1	120988	17.35	82	0.64%	0.88%	2.69	162	145
ORR011	70	71	1	120989	2.90	5	0.05%	0.07%	0.30	16	123
ORR011	71	72	1	120990	117.00	4,080	2.41%	6.23%	76.10	1,545	380
ORR011	72	73	1	120991	241.00	>10000	4.39%	5.64%	108.50	5,690	2,210
ORR011	73	74	1	120992	77.70	5,210	1.46%	1.76%	35.20	1,530	340
ORR011	74	75	1	120993	19.00	539	0.40%	0.49%	7.02	349	182
ORR011	75	76	1	120994	2.49	171	0.06%	0.06%	1.14	65	15
ORR011	76	77	1	120995	2.02	139	0.04%	0.05%	0.94	49	10
ORR011	77	78	1	120996	2.79	170	0.06%	0.07%	1.25	72	11
ORR011	78	79	1	120997	0.24	21	0.01%	0.01%	0.13	10	4
ORR011	79	80	1	120998	6.66	41	0.20%	0.25%	2.28	134	113
ORR011	80	81	1	120999	0.38	23	0.01%	0.02%	0.18	12	8
ORR011	102	103	1	121000	0.51	16	0.02%	0.01%	0.07	13	14
ORR011	103	104	1	121001	0.72	263	0.02%	0.02%	0.10	16	27
ORR011	104	105	1	121002	0.35	73	0.01%	0.01%	0.09	13	17
ORR011	105	106	1	121003	0.41	25	0.01%	0.02%	0.12	13	19
ORR011	106	107	1	121004	0.38	16	0.02%	0.02%	0.11	11	19
ORR011	107	108	1	121005	0.35	17	0.01%	0.01%	0.11	9	20
ORR011	108	109	1	121006	0.57	8	0.04%	0.04%	0.26	7	20
ORR011	109	110	1	121008	0.29	5	0.02%	0.03%	0.18	5	11
ORR011	110	111	1	121009	0.25	7	0.01%	0.02%	0.10	6	10
ORR011	111	112	1	121010	0.62	8	0.02%	0.02%	0.07	9	25
ORR011	112	113	1	121011	1.42	14	0.06%	0.06%	0.09	10	22
ORR011	113	114	1	121012	5.10	140	0.18%	0.14%	0.41	19	76
ORR011	114	115	1	121013	30.70	1,525	0.85%	0.69%	1.54	71	140
ORR011	115	116	1	121014	2.85	132	0.07%	0.06%	0.15	9	11
ORR011	116	117	1	121015	1.33	47	0.04%	0.03%	0.11	6	10
ORR011	117	118	1	121016	1.25	103	0.03%	0.03%	0.12	7	12

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR011	118	119	1	121017	0.59	26	0.02%	0.03%	0.10	4	9
ORR011	119	120	1	121018	0.28	12	0.01%	0.01%	0.11	5	9
ORR011	126	127	1	121019	0.97	7	0.04%	0.04%	0.38	4	26
ORR011	127	128	1	121020	1.28	10	0.05%	0.04%	0.53	6	26
ORR011	128	129	1	121021	14.15	8	0.42%	0.45%	2.37	35	307
ORR011	129	130	1	121022	2.84	16	0.09%	0.10%	0.47	61	84
ORR011	130	131	1	121023	5.53	20	0.16%	0.22%	0.98	22	153
ORR011	131	132	1	121024	1.50	7	0.05%	0.05%	0.51	10	73
ORR011	132	133	1	121025	9.04	117	0.25%	0.38%	3.80	25	204
ORR011	133	134	1	121026	3.06	9	0.10%	0.09%	0.93	13	88
ORR011	134	135	1	121028	1.68	7	0.07%	0.07%	1.04	9	65
ORR011	135	136	1	121029	1.69	8	0.08%	0.07%	1.08	8	57
ORR011	136	137	1	121030	1.71	8	0.07%	0.07%	1.06	7	58
ORR011	137	138	1	121031	22.00	18	0.75%	0.46%	5.74	47	235
ORR011	138	139	1	121032	5.58	7	0.17%	0.20%	2.23	29	159
ORR011	139	140	1	121033	2.61	8	0.11%	0.09%	1.45	23	87
ORR011	140	141	1	121034	7.55	4	0.19%	0.35%	6.07	14	291
ORR011	141	142	1	121035	34.90	8,250	0.55%	0.82%	22.20	68	346
ORR011	142	143	1	121036	12.95	1,220	0.36%	0.31%	4.60	28	185
ORR011	143	144	1	121037	5.17	393	0.18%	0.14%	2.57	21	112
ORR011	144	145	1	121038	10.85	28	0.44%	0.35%	4.95	24	213
ORR011	145	146	1	121039	2.97	13	0.15%	0.12%	1.82	17	97
ORR011	146	147	1	121040	5.88	6	0.22%	0.17%	1.96	57	176
ORR011	147	148	1	121041	7.00	8	0.12%	0.36%	6.75	33	460
ORR011	148	149	1	121042	331.00	>10000	5.27%	6.38%	245.00	3,520	2,100
ORR011	149	150	1	121043	71.80	3,120	1.18%	1.51%	51.40	914	480
ORR011	150	151	1	121044	16.65	407	0.44%	0.54%	8.31	62	381
ORR011	151	152	1	121045	8.62	74	0.30%	0.28%	4.05	81	232
ORR011	152	153	1	121046	2.99	59	0.10%	0.09%	1.68	20	68
ORR011	153	154	1	121048	2.36	29	0.09%	0.08%	1.11	10	58
ORR011	154	155	1	121049	3.45	79	0.13%	0.13%	1.60	14	132

Table 12 Orient Stage 1 RC Drill Assay Data (ORR012)

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR012	30	31	1	120754	0.36	43	0.01%	0.04%	0.06	10	14
ORR012	31	32	1	120755	0.36	17	0.01%	0.03%	0.04	9	5
ORR012	32	33	1	120756	1.46	73	0.07%	0.04%	0.05	11	29
ORR012	33	34	1	120757	0.26	50	0.01%	0.02%	0.03	9	6
ORR012	34	35	1	120758	0.47	31	0.01%	0.02%	0.03	13	6
ORR012	35	36	1	120759	0.20	31	0.00%	0.01%	0.03	8	6
ORR012	36	37	1	120760	0.27	55	0.01%	0.04%	0.04	9	9

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR012	37	38	1	120761	0.13	24	0.01%	0.01%	0.05	5	10
ORR012	38	39	1	120762	0.44	16	0.01%	0.02%	0.04	9	18
ORR012	39	40	1	120763	17.50	95	0.45%	1.52%	5.08	39	337
ORR012	40	41	1	120764	2.31	32	0.06%	0.12%	0.32	11	77
ORR012	41	42	1	120765	0.33	8	0.01%	0.02%	0.07	7	20
ORR012	42	43	1	120766	1.58	14	0.04%	0.05%	0.16	13	40
ORR012	43	44	1	120768	22.10	532	0.56%	0.60%	9.09	65	174
ORR012	44	45	1	120769	0.70	26	0.02%	0.02%	0.22	17	8
ORR012	45	46	1	120770	0.60	31	0.01%	0.02%	0.11	14	11
ORR012	46	47	1	120771	0.56	17	0.01%	0.02%	0.10	14	14
ORR012	47	48	1	120772	288.00	1,265	6.41%	0.31%	0.98	2,460	342
ORR012	48	49	1	120773	0.93	10	0.02%	0.02%	0.09	11	15
ORR012	49	50	1	120774	3.64	14	0.10%	0.10%	0.14	20	73
ORR012	50	51	1	120775	2.46	7	0.06%	0.04%	0.12	42	38
ORR012	51	52	1	120776	103.00	973	2.15%	2.10%	21.30	574	1,370
ORR012	52	53	1	120777	6.05	45	0.16%	0.14%	1.04	43	103
ORR012	53	54	1	120778	3.31	8	0.13%	0.11%	1.03	18	150
ORR012	54	55	1	120779	3.83	11	0.13%	0.15%	2.07	20	112
ORR012	55	56	1	120780	2.54	6	0.10%	0.09%	0.83	13	95
ORR012	56	57	1	120781	8.03	9	0.25%	0.23%	1.53	20	239
ORR012	57	58	1	120782	7.34	7	0.22%	0.28%	1.93	17	165
ORR012	58	59	1	120783	1.90	5	0.08%	0.08%	0.55	8	115
ORR012	59	60	1	120784	0.88	4	0.04%	0.04%	0.25	8	49
ORR012	60	61	1	120785	0.76	5	0.04%	0.05%	0.21	8	48
ORR012	61	62	1	120786	4.91	9	0.16%	0.17%	0.63	16	134
ORR012	62	63	1	120788	2.27	5	0.12%	0.11%	1.26	11	163
ORR012	63	64	1	120789	5.41	14	0.18%	0.15%	1.76	19	200
ORR012	64	65	1	120790	40.40	1,710	0.66%	1.54%	61.70	136	470
ORR012	65	66	1	120791	4.93	74	0.12%	0.12%	2.85	38	146
ORR012	66	67	1	120792	8.92	16	0.27%	0.22%	1.57	73	149
ORR012	67	68	1	120793	257.00	>10000	4.35%	3.20%	130.50	6,330	2,080
ORR012	68	69	1	120794	324.00	>10000	5.69%	3.01%	43.60	6,880	1,420
ORR012	69	70	1	120795	102.00	7,960	1.92%	1.42%	12.20	1,965	414
ORR012	70	71	1	120796	18.70	322	0.44%	0.83%	11.95	139	390
ORR012	71	72	1	120797	12.50	373	0.29%	0.55%	6.75	107	325
ORR012	72	73	1	120798	24.10	63	0.77%	0.77%	8.90	42	428
ORR012	73	74	1	120799	5.92	53	0.23%	0.21%	2.18	24	118
ORR012	74	75	1	120800	3.31	72	0.10%	0.10%	1.73	44	56
ORR012	75	76	1	120801	1.87	68	0.06%	0.08%	1.03	33	50
ORR012	76	77	1	120802	1.74	92	0.05%	0.05%	1.14	30	39
ORR012	77	78	1	120803	2.81	89	0.06%	0.13%	3.08	58	64
ORR012	78	79	1	120804	0.87	12	0.04%	0.19%	0.61	12	32
ORR012	79	80	1	120805	0.89	15	0.03%	0.17%	0.60	12	29

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR012	80	81	1	120806	0.74	9	0.02%	0.18%	0.41	10	34
ORR012	81	82	1	120808	0.40	9	0.02%	0.08%	0.52	9	23
ORR012	82	83	1	120809	0.63	10	0.03%	0.04%	0.53	9	26
ORR012	83	84	1	120810	2.05	11	0.07%	0.06%	0.89	11	51
ORR012	84	85	1	120811	7.94	28	0.21%	0.32%	2.37	23	96
ORR012	85	86	1	120812	0.96	11	0.04%	0.18%	0.43	12	23
ORR012	86	87	1	120813	0.58	9	0.02%	0.07%	0.32	11	32
ORR012	87	88	1	120814	1.10	40	0.03%	0.04%	0.27	19	25
ORR012	88	89	1	120815	0.86	13	0.05%	0.05%	0.33	8	33
ORR012	89	90	1	120816	1.12	10	0.05%	0.05%	0.42	10	34
ORR012	90	91	1	120817	1.38	45	0.05%	0.08%	0.46	10	52
ORR012	91	92	1	120818	4.77	36	0.13%	0.13%	1.03	15	71
ORR012	92	93	1	120819	41.90	>10000	0.47%	1.86%	68.20	240	312
ORR012	93	94	1	120820	49.30	>10000	0.77%	1.53%	36.90	217	480
ORR012	94	95	1	120821	14.90	836	0.32%	0.34%	5.34	56	129
ORR012	95	96	1	120822	27.20	6,440	0.51%	0.88%	13.20	127	174
ORR012	96	97	1	120823	21.00	274	0.46%	0.54%	3.69	100	265
ORR012	97	98	1	120824	3.96	186	0.09%	0.10%	0.77	74	75
ORR012	98	99	1	120825	10.20	656	0.23%	0.21%	1.06	53	86
ORR012	99	100	1	120826	9.68	263	0.23%	0.25%	2.18	66	113
ORR012	100	101	1	120828	1.55	163	0.05%	0.05%	0.40	16	25
ORR012	101	102	1	120829	1.63	90	0.04%	0.04%	0.39	14	23
ORR012	102	103	1	120830	1.24	1,495	0.04%	0.03%	0.28	20	22
ORR012	103	104	1	120831	1.38	107	0.04%	0.04%	0.25	12	12
ORR012	104	105	1	120832	2.49	97	0.05%	0.06%	0.35	10	9
ORR012	105	106	1	120833	2.11	60	0.04%	0.04%	0.25	7	8
ORR012	106	107	1	120834	3.32	31	0.06%	0.06%	0.27	6	8
ORR012	107	108	1	120835	1.98	46	0.03%	0.03%	0.17	6	8
ORR012	108	109	1	120836	4.10	2,250	0.09%	0.08%	0.19	11	8
ORR012	109	110	1	120837	1.80	553	0.06%	0.03%	0.15	7	8

Table 13 Orient Stage 1 RC Drill Assay Data (ORR016)

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR016	2	3	1	120388	1.26	20	0.03%	0.07%	0.04	13	17
ORR016	3	4	1	120389	2.80	44	0.04%	0.06%	0.05	14	32
ORR016	4	5	1	120390	2.97	28	0.04%	0.06%	0.07	15	18
ORR016	5	6	1	120391	4.24	69	0.12%	0.04%	0.10	80	68
ORR016	6	7	1	120392	2.87	215	0.17%	0.05%	0.04	26	20
ORR016	7	8	1	120393	3.16	111	0.06%	0.05%	0.03	18	13
ORR016	8	9	1	120394	7.98	1,240	0.34%	0.07%	0.18	35	75
ORR016	9	10	1	120395	12.50	2,560	0.62%	0.08%	0.39	60	235

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR016	10	11	1	120397	13.70	2,180	0.57%	0.10%	0.77	54	3,260
ORR016	11	12	1	120398	5.97	343	0.20%	0.17%	0.24	57	94
ORR016	12	13	1	120399	1.14	166	0.06%	0.05%	0.07	12	25
ORR016	13	14	1	120400	0.43	56	0.02%	0.02%	0.02	10	6
ORR016	14	15	1	120401	1.70	18	0.06%	0.08%	0.10	14	45
ORR016	15	16	1	120402	35.50	904	0.99%	1.10%	1.60	87	216
ORR016	16	17	1	120403	28.30	441	0.89%	0.90%	1.37	81	180
ORR016	17	18	1	120404	6.09	61	0.19%	0.25%	0.27	59	82
ORR016	18	19	1	120405	2.01	29	0.07%	0.26%	0.10	62	91
ORR016	19	20	1	120406	0.37	36	0.01%	0.13%	0.04	21	35
ORR016	20	21	1	120408	9.63	21	0.30%	0.48%	0.51	34	148
ORR016	21	22	1	120409	3.18	35	0.10%	0.19%	0.11	24	90
ORR016	22	23	1	120410	0.27	97	0.01%	0.07%	0.02	9	7
ORR016	23	24	1	120411	0.19	17	0.00%	0.09%	0.04	6	4
ORR016	33	34	1	120412	0.14	10	0.00%	0.02%	0.04	8	7
ORR016	34	35	1	120413	0.12	11	0.00%	0.01%	0.04	6	3
ORR016	35	36	1	120414	0.30	9	0.01%	0.01%	0.03	11	79
ORR016	36	37	1	120415	0.75	9	0.03%	0.04%	0.04	12	90
ORR016	37	38	1	120416	0.10	9	0.00%	0.01%	0.04	6	3
ORR016	38	39	1	120417	0.07	9	0.00%	0.01%	0.03	6	2
ORR016	39	40	1	120418	0.50	9	0.02%	0.02%	0.05	8	19
ORR016	40	41	1	120419	3.89	16	0.10%	0.13%	0.07	21	105
ORR016	41	42	1	120420	1.91	18	0.04%	0.05%	0.03	16	92
ORR016	42	43	1	120421	0.89	10	0.05%	0.06%	0.08	10	127
ORR016	43	44	1	120422	0.99	13	0.04%	0.06%	0.04	10	84
ORR016	44	45	1	120423	0.27	17	0.01%	0.01%	0.03	6	9
ORR016	45	46	1	120424	0.12	10	0.00%	0.01%	0.03	5	5
ORR016	46	47	1	120425	0.58	10	0.01%	0.01%	0.04	8	27
ORR016	47	48	1	120426	1.41	298	0.04%	0.04%	0.06	11	62
ORR016	48	49	1	120428	0.14	10	0.00%	0.02%	0.03	5	3
ORR016	49	50	1	120429	0.11	14	0.00%	0.01%	0.03	5	3
ORR016	50	51	1	120430	0.70	14	0.03%	0.03%	0.05	11	28
ORR016	51	52	1	120431	14.25	256	0.53%	0.55%	1.80	36	115
ORR016	52	53	1	120432	1.28	13	0.05%	0.05%	0.12	9	49
ORR016	53	54	1	120433	16.05	343	0.47%	0.39%	0.71	39	178
ORR016	54	55	1	120434	0.77	35	0.02%	0.03%	0.08	8	34
ORR016	55	56	1	120435	0.19	15	0.00%	0.01%	0.04	5	5
ORR016	56	57	1	120436	9.82	48	0.33%	0.28%	0.37	27	233
ORR016	57	58	1	120437	0.69	12	0.02%	0.02%	0.05	5	17
ORR016	58	59	1	120438	0.24	9	0.01%	0.01%	0.05	4	7
ORR016	59	60	1	120439	0.20	6	0.01%	0.01%	0.04	5	5
ORR016	60	61	1	120440	19.70	875	0.65%	0.70%	2.73	48	324
ORR016	61	62	1	120441	15.55	1,605	0.53%	0.43%	1.08	53	373

Hole ID	From	To	Intersect	Sample ID	Ag	As	Pb	Zn	In	Sb	Sn
	(m)	(m)	(m)		ppm	ppm	%	%	ppm	ppm	ppm
ORR016	62	63	1	120442	4.30	194	0.14%	0.15%	0.22	18	105
ORR016	63	64	1	120443	0.73	39	0.02%	0.03%	0.08	7	16
ORR016	64	65	1	120444	1.50	17	0.06%	0.06%	0.13	8	80
ORR016	65	66	1	120445	2.70	14	0.11%	0.13%	0.20	13	138
ORR016	66	67	1	120446	23.20	179	0.89%	0.82%	3.57	45	284
ORR016	67	68	1	120448	3.24	19	0.12%	0.12%	0.46	12	55
ORR016	68	69	1	120449	15.50	53	0.60%	0.56%	1.69	35	308
ORR016	69	70	1	120450	4.19	12	0.16%	0.15%	0.37	15	120

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 completed 14 RC holes for 2,034m 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 Sn, Pb, Zn & Ag. • 30g Fire Assay with AAS finish for Au was carried out for samples >100 g/t Ag
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 18m to 204m with average hole length of 145m. • Downhole surveys were undertaken at nominal 30m intervals during drilling utilising a digitally controlled IMDEX Gyro instrument

Criteria	JORC Code explanation	Commentary
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 (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	• 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.

Criteria	JORC Code explanation	Commentary
	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.	• 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) and gold (fire assay) • 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.
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.	• 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.

Criteria	JORC Code explanation	Commentary
	• Whether 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 transport 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.	• Iltani Resources completed 14 RC (Reverse Circulation) drill holes for 2,034m drilled. • Refer to Tables 1 & 2 (Material Drill Intercepts) and Table 3 (Orient Stage 1 RC Drill Program Drillhole Data) in attached ASX release which provide the required data.

Criteria	JORC Code explanation	Commentary
	• If the exclusion of this information is justified the Competent Person should clearly explain why this is 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.	• No data aggregation methods have been used. • No metal equivalents are used or presented.
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 65° into structures dipping between 30° and 60°.
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	• Exploration of the target area is ongoing. Iltani plans to follow up on the positive

Criteria	JORC Code explanation	Commentary
	extensions or depth extensions or large-scale step-out drilling).	drilling results with a Stage 2 drill program. Further field work including mapping and rock chip/soil sampling and drilling is planned