

## EXCEPTIONAL TIN INTERSECTIONS FROM AREA 5 AT RENISON

Metals X Limited (**Metals X** or the **Company**) is pleased to provide a further update on the ongoing drilling programs in the Area 5 and Leatherwood Trend targets at the Renison Tin Operations (**Renison**) in Tasmania. Renison is 50% owned by Metals X through the Bluestone Mines Tasmania Joint Venture.

### HIGHLIGHTS

- ▶ Assay results for a further 25 holes completed at Area 5 and 22 holes completed at the Leatherwood Trend have been received returning the following exceptional intersections (all true width);

#### Area 5

- 20.2m at 2.79% Sn from 148.9m in hole U6805
- 12.5m at 5.14% Sn from 151.0m in hole U6806
- 14.0m at 3.82% Sn from 176m in hole U6808
- 20.0m at 6.27% Sn from 148.8m in hole U6809
- 8.7m at 5.21% Sn from 167.9m in hole U6811

#### Leatherwood Trend

- 6.8m at 2.44% Sn from 173.9m in hole U6458
  - 5.6m at 4.18% Sn from 222.0m in hole U6461
  - 17.0m at 2.40% Sn from 160.0m in hole U6688
  - 7.7m at 2.67% Sn from 161.2m in hole U6689
  - 15.0m at 3.67% Sn from 148.5 in hole U6690
- ▶ Area 5 and the Leatherwood Trend are located proximal to existing development and mining areas and have the potential to be brought into the mining schedule relatively quickly.
  - ▶ The tin mineralisation at both targets remain open at depth and along strike.
  - ▶ Infill drilling programs are underway with the intention of completing an updated Mineral Resource estimate during the June 2019 quarter in advance of mine planning studies.

#### Managing Director, Mr Damien Marantelli, commented:

*"These latest drilling results from Area 5 and Leatherwood are, once again, impressive. We have mobilised an additional drill rig to accelerate the infill programs in preparation for a planned Mineral Resource estimate update.*

*This world class ore body continues to deliver. In January, Renison recorded its highest monthly production on record, producing 871 tonnes of tin in concentrate. This was a great effort by our operational team, particularly as the Australian dollar tin price recently reached a seven-year high.*

*Overall, performance at Renison is very pleasing and we look forward to reporting the Mineral Resource update in the June Quarter".*



## DETAILS

Metals X is pleased to provide an update to the ongoing resource definition drilling programs in the Area 5 and Leatherwood Trend targets at Renison.

Significant resource definition drilling programs were undertaken during 2018 with, at times, up to 3 diamond drill rigs in operation. Primary target areas tested included Area 5, Leatherwood Trend, Huon North and the Central Federal Basset (CFB).

As previously reported (ASX announcement dated 19 December 2018), encouraging results were returned from all drilled areas with assay results continuing to flow in.

Assay results for a further 47 drill holes completed at Area 5 and the Leatherwood Trend have now been received. These results include the end of the 2018 resource definition program in both target areas and the commencement of the infill drilling program at Area 5. Outstanding intersections continue to be returned, further confirming the significance of the high-grade tin mineralisation in both areas.

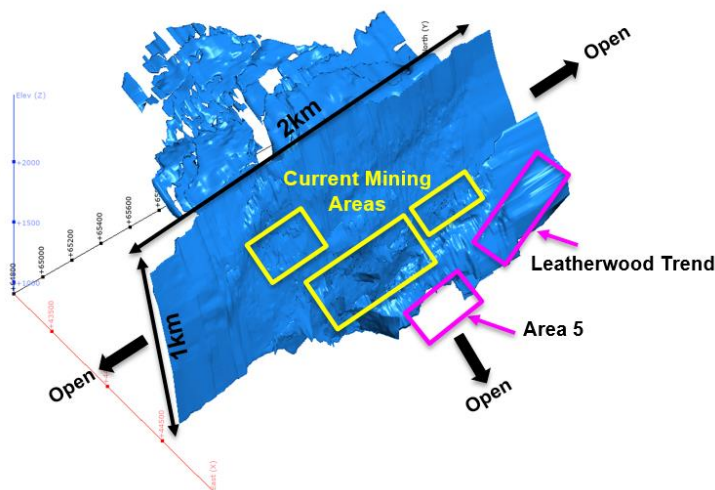


FIGURE 1: OBLIQUE VIEW LOOKING NW OF SIMPLIFIED RENISON RESOURCE MODEL SHOWING THE LOCATION OF AREA 5 AND THE LEATHERWOOD TREND

## AREA 5

A total of 76 resource definition diamond drill holes for ~18,000m were completed within the Area 5 target during 2018. Results from this drilling program were progressively reported as they became available during the second half of 2018. During January 2019 the assay results for an additional 25 drill holes, including the end of the resource definition program and the commencement of the infill drilling program, were received further delineating very significant zones of high-grade mineralisation hosted in the Footwall No. 2 Dolomite (Table 1 & Figure 2).

Tin mineralisation within Area 5 has now been defined over more than 400m of strike, with the higher grade zone extending over 150m of strike. This mineralisation remains open down-dip.

Importantly, the proximity of the defined high-grade mineralisation to existing underground development and mining areas could allow the Area 5 target to be brought into the mining schedule relatively quickly. Infill and further extensional drilling is underway with an additional drilling rig being mobilised to accelerate the program in preparation for the planned updated Mineral Resource estimate during the June 2019 quarter.

## LEATHERWOOD TREND

A total of 58 diamond drill holes for approximately 15,000m were drilled into the Leatherwood Trend during 2018. The results from this drilling program were progressively reported as they became available during the second half of 2018. During January 2019 the assay results for an additional 22 drill holes were received, further delineating very significant zones of high-grade mineralisation hosted in the No. 2 Dolomite (Table 2 & Figure 3).

Tin mineralisation within the Leatherwood Trend has now been defined over approximately 400m of strike and remains open down-dip and up-plunge to the north towards the Huon North area.

Infill and further extensional drilling is currently being designed with the intention of providing an update of the Mineral Resource estimate during the June 2019 quarter.

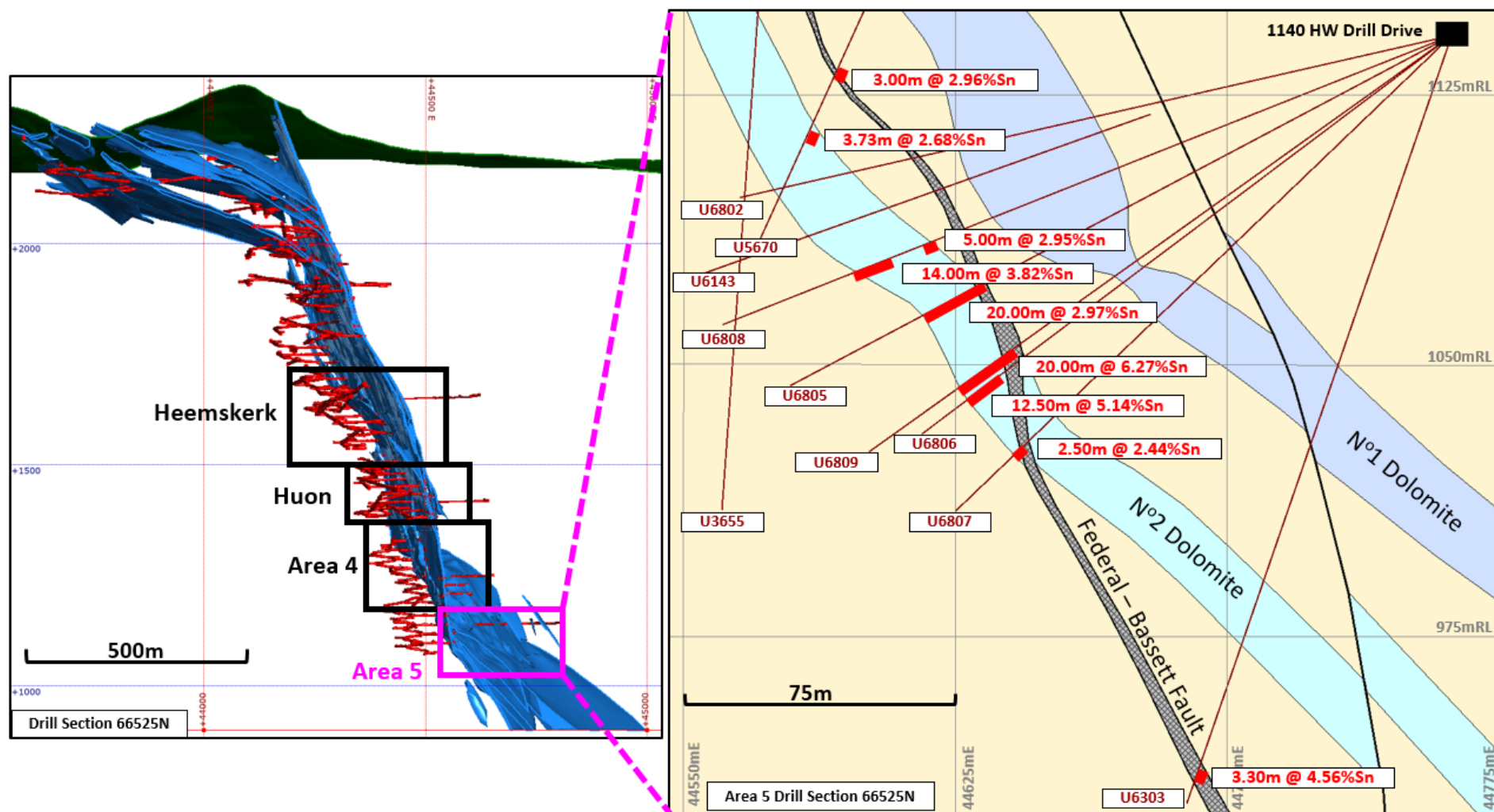


FIGURE 2: AREA 5 - EXAMPLE DRILLING CROSS SECTION LOOKING NORTH. REFER TO TABLE 1 FOR FULL DETAILS OF RESULTS RECEIVED DURING JANUARY

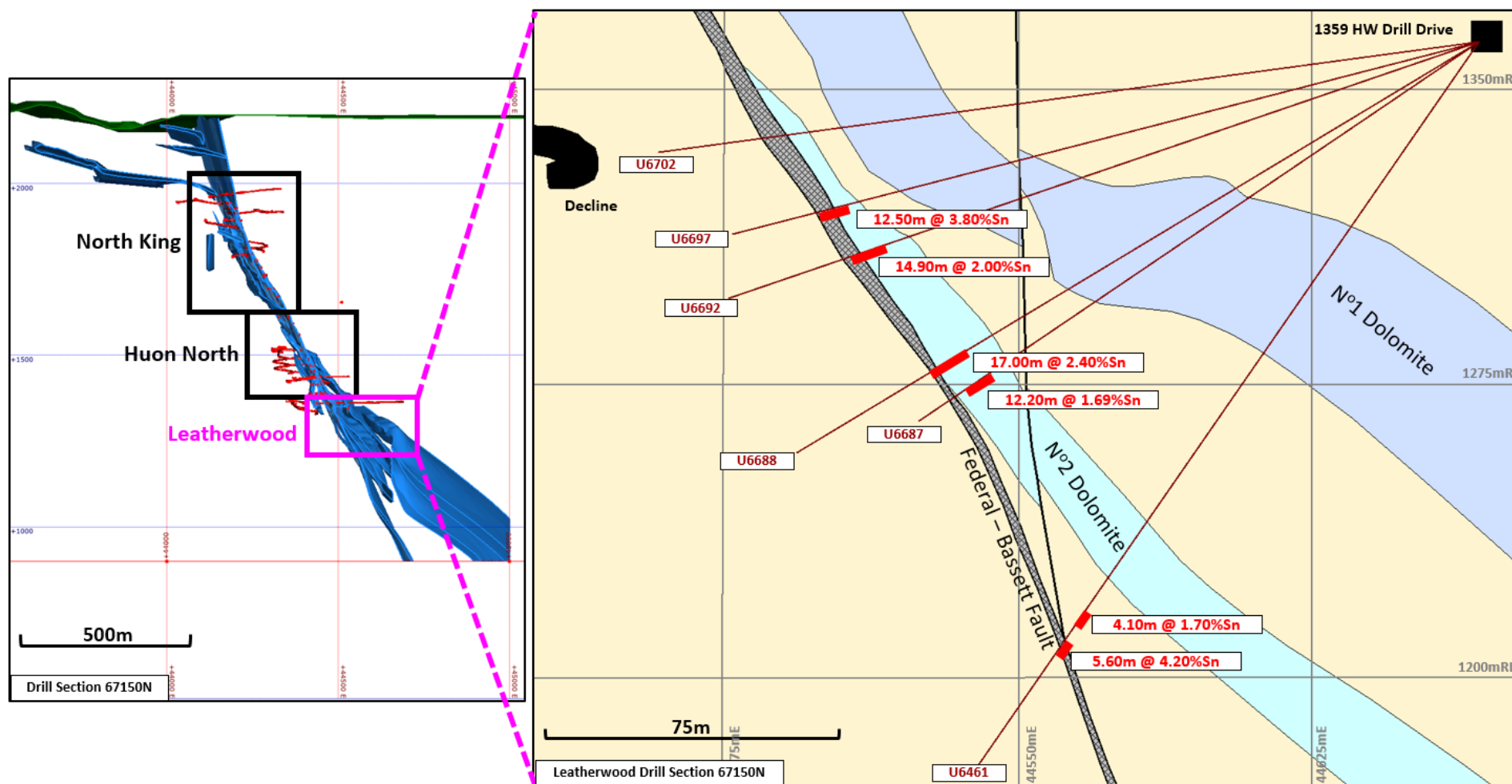


FIGURE 3: LEATHERWOOD - EXAMPLE DRILLING CROSS SECTION LOOKING NORTH. REFER TO TABLE 2 FOR FULL DETAILS OF RESULTS RECEIVED DURING JANUARY



TABLE 1: AREA 5 – SUMMARY OF DRILL HOLE RESULTS FOR THE PERIOD 11 DECEMBER 2018 TO 31 JANUARY 2019

Hole	Northing	Easting	RL	Intercept (True Width)	From (m)	Dip	Azi
U6166	66653.9	44627.5	1083.4	1.3m @ 3.22% Sn & 0.17% Cu	171.9	-18.6	288.9
U6171	66192.8	44577.7	1064.3	1.7m @ 4.95% Sn & 0.05% Cu	242.0	-16.0	244.9
	66190.4	44571.6	1062.0	9.6m @ 2.71% Sn & 0.14% Cu	253.0	-16.0	244.9
U6176	66598.9	44779.8	1141.1	NSI	n/a	-18.99	301.0
U6177	66803.4	44663.5	1071.0	1.9m @ 1.95% Sn & 0.1% Cu	245.0	-14.6	329.3
U6182	66599.8	44780.1	1141.0	NSI	n/a	-22.2	316.5
U6183	66751.3	44673.7	1063.7	3.3m @ 4.48% Sn & 0.06% Cu	198.0	-21.0	325.7
U6188	66251.1	44768.2	1131.1	2m @ 1.16% Sn & 0.06% Cu	49.0	-12.1	223.0
U6201	66598.3	44779.7	1141.2	NSI	n/a	-17.5	340.4
U6634	66739.8	44705.5	1035.4	0.9m @ 8.84% Sn & 1.46% Cu	190.9	-31.3	332.1
	66761.6	44694.9	1018.3	3.7m @ 2.4% Sn & 0.21% Cu	219.0	-31.3	332.1
U6636	66700.9	44709.4	1032.7	0.8m @ 4.25% Sn & 0.5% Cu	164.6	-41.2	327.3
U6638	66597.9	44779.6	1140.9	NSI	n/a	-44.5	293.5
U6666	66601.3	44780.6	1140.6	NSI	n/a	-59.0	293.2
U6668	66598.7	44780.1	1141.4	NSI	n/a	-56.8	336.7
U6670	66632.7	44729.6	981.2	1.1m @ 2.36% Sn & 0.27% Cu	170.0	-69.0	304.7
U6802	66535.9	44665.0	1120.0	1m @ 1.22% Sn & 0.02% Cu	101.6	-11.0	272.1
U6803	66547.8	44615.91	1088.6	1m @ 1.33% Sn & 0.07% Cu	158.5	-18.4	276.0
	66548.57	44608.8	1086.1	3.3m @ 10.39% Sn & 0.12% Cu	166.1	-18.4	276.0
U6804	66537.11	44691.8	1088.1	0.5m @ 12.84% Sn & 0.23% Cu	89.9	-35.0	278.3
	66552.16	44634.8	1049.3	9.3m @ 2.95% Sn & 0.07% Cu	155	-35.0	278.3
U6805	66534.5	44623.8	1068.2	20.2m @ 2.97% Sn & 0.09% Cu	148.9	-26.3	271.0
	66534.7	44604.7	1058.0	3.5m @ 10.78% Sn & 0.6% Cu	178.5	-26.3	271.0
U6806	66534.02	44689.1	1087.4	2.1m @ 2.85% Sn & 0.55% Cu	92.4	-35.4	270.2
	66534.65	44655.8	1064.2	2.7m @ 7.51% Sn & 0.07% Cu	133.0	-35.4	270.2
	66534.92	44641.0	1053.9	12.5m @ 5.14% Sn & 0.18% Cu	151.0	-35.4	270.2
U6807	66533.02	44697.0	1076.7	1m @ 2.35% Sn & 0.2% Cu	92.0	-43.0	270.2
	66533.58	44641.5	1024.7	2.5m @ 2.44% Sn & 0.12% Cu	167.2	-43.0	270.2
U6808	66519.39	44695.8	1115.9	1.5m @ 3.84% Sn & 0.01% Cu	74.5	-18.2	258.5
	66505.99	44619.2	1085.7	5m @ 2.95% Sn & 0.12% Cu	158.0	-18.2	258.5
	66503.91	44607.3	1080.8	1.8m @ 2.29% Sn & 0.04% Cu	171.0	-18.2	258.5
	66503.31	44603.8	1079.4	14m @ 3.82% Sn & 0.12% Cu	176.0	-18.2	258.5
U6809	66514.17	44642.2	1057.9	20m @ 6.27% Sn & 0.26% Cu	148.8	-33.3	260.2
	66510.65	44618.8	1042.1	1.4m @ 10.49% Sn & 0.08% Cu	177.4	-33.3	260.2
U6811	66516.5	44718.1	1090.5	0.5m @ 7.58% Sn & 1.06% Cu	69.8	-44.8	251.1
	66493.4	44650.0	1017.5	8.7m @ 5.21% Sn & 0.3% Cu	167.9	-44.8	251.1
	66490.5	44641.4	1008.3	1m @ 17.27% Sn & 0.19% Cu	185.0	-44.8	251.1
U6813	66456.76	44668.4	1098.4	3.3m @ 1.23% Sn & 0.65% Cu	89.5	-26.2	269.2
	66456.7	44660.8	1094.5	1.5m @ 2.24% Sn & 0.09% Cu	98.6	-26.2	269.2
	66456.03	44626.9	1076.3	1m @ 1.45% Sn & 0.11% Cu	137.0	-26.2	269.2
	66455.83	44618.9	1072.0	4.7m @ 3.68% Sn & 0.26% Cu	146.0	-26.2	269.2
	66455.6	44610.3	1067.3	6.3m @ 3.31% Sn & 0.12% Cu	156.0	-26.2	269.2
	66455.16	44594.9	1058.8	1.2m @ 8.66% Sn & 0.25% Cu	173.6	-26.2	269.2
U6816	66586.7	44777.0	1140.9	NSI	n/a	-27.8	281.5





TABLE 2: LEATHERWOOD TREND – SUMMARY OF DRILL HOLE RESULTS FOR THE PERIOD 11 DECEMBER 2018 TO 31 JANUARY 2019

Hole	N	E	RL	Intercept (True Width)	From (m)	Dip	Azi
U6302	67248.2	44502.2	1339.7	1.6m @ 1.65% Sn & 0.2% Cu	242.0	-4.9	316.1
U6455	67194.1	44484.9	1366.6	1m @ 2.97% Sn & 0.19% Cu	225.0	3.2	307.2
U6457	67216.0	44513.0	1316.0	1.6m @ 1.55% Sn & 0.14% Cu	221.0	-11.8	312.9
U6458	67135.1	44518.5	1305.1	6.8m @ 2.44% Sn & 0.16% Cu	173.9	-18.1	295.3
U6460	67962.5	44666.2	1361.6	NSI	-29.1	-29.1	317.9
U6461	67147.1	44556.3	1201.7	4.1m @ 1.7% Sn & 1.23% Cu	210.0	-48.5	307.1
	67152.6	44549.2	1191.1	5.6m @ 4.18% Sn & 0.49% Cu	222.0	-48.5	307.1
U6463	67057.1	44595.6	1124.7	1m @ 1.47% Sn & 0.33% Cu	246.8	-73.4	265.9
	67056.6	44590.3	1107.4	1.2m @ 2.13% Sn & 0.6% Cu	265.2	-73.4	265.9
	67056.2	44584.2	1087.4	0.8m @ 5.79% Sn & 0.09% Cu	285.9	-73.4	265.9
	67055.7	44577.7	1066.4	5m @ 1.6% Sn & 0.19% Cu	307.9	-73.4	265.9
U6471	66925.4	44631.4	1115.9	0.5m @ 1.2% Sn & 0.01% Cu	280.0	-58.7	193.5
U6472	67056.5	44671.7	1361.01	NSI	n/a	-83.9	223.8
U6474	66996.6	44663.6	1133.4	0.7m @ 3.05% Sn & 0.15% Cu	229.0	190.0	-73.9
U6476	67055.2	44671.7	1361.1	NSI	n/a	-82.16	174.5
U6477	66965.0	44673.9	1071.6	0.5m @ 2.97% Sn & 0.03% Cu	303.0	-71.7	176.6
U6686	67190.9	44556.1	1282.5	6.2m @ 2.8% Sn & 0.18% Cu	180.9	-23.9	317.4
	67217.8	44531.5	1263.6	1.1m @ 1.16% Sn & 1.76% Cu	217.6	-24.0	317.4
U6688	67141.5	44536.1	1282.8	17m @ 2.40% Sn & 0.17% Cu	160.0	-27.4	299.0
U6689	67124.6	44541.4	1268.6	7.7m @ 2.67% Sn & 0.18% Cu	161.2	-33.8	292.9
U6690	67099.3	44547.3	1264.9	15m @ 3.67% Sn & 0.19% Cu	148.5	-38.7	282.1
U6693	67187.3	44522.0	1300.7	11.2m @ 1.65% Sn & 0.31% Cu	188.0	-17.9	307.7
U6696	67206.2	44509.1	1324.5	5.4m @ 0.92% Sn & 0.06% Cu	207.0	-10.4	309.2
U6698	67070.9	44666.5	1362.0	NSI	n/a	-15.3	280.3
U6699	67071.0	44666.5	1362.0	NSI	n/a	-9.0	286.1
U6700	67070.3	44666.7	1362.5	NSI	n/a	-2.7	309.3
U6701	67071.1	44666.5	1362.1	NSI	n/a	-4.2	302.3

## ENQUIRIES

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## COMPETENT PERSON'S STATEMENT

The information in this report that relates to Exploration Results has been compiled by Mr. Simon Rigby B.Sc. (Hons), who is a member of the Australian Institute of Geoscientists. Mr Rigby is a full time employee of the Company and has sufficient experience which is relevant to the styles of mineralisation and types of deposit under consideration and to the activities which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Rigby consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.



## APPENDIX A

## JORC CODE, 2012 EDITION

**JORC TABLE 1: THE INFORMATION IN THIS TABLE REFERS TO THE FOLLOWING PROJECTS AT THE RENISON TIN OPERATIONS: RENISON BELL, RENTAILS AND MOUNT BISCHOFF**
**SECTION 1: SAMPLING TECHNIQUES AND DATA**

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code Explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (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.</li> </ul>	<b>Diamond Drilling</b> <ul style="list-style-type: none"> <li>The bulk of the data used in resource calculations at Renison has been gathered from diamond core. Three sizes have been used historically NQ2 (45.1mm nominal core diameter), LTK60 (45.2mm nominal core diameter) and LTK48 (36.1mm nominal core diameter), with NQ2 currently in use. This core is geologically logged and subsequently halved for sampling. Grade control holes may be whole-cored to streamline the core handling process if required.</li> <li>NQ and HQ core sizes have been recorded as being used at Mount Bischoff. This core is geologically logged and subsequently halved for sampling.</li> <li>There is no diamond drilling for the Rentails Project.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>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.).</li> </ul>	<b>Face Sampling</b> <ul style="list-style-type: none"> <li>Each development face / round is horizontally chip sampled at Renison. The sampling intervals are dominated by geological constraints (e.g. rock type, veining and alteration / sulphidation etc.). Samples are taken in a range from 0.3m up to 1.2m in waste. All exposures within the orebody are sampled. A similar process would have been followed for historical Mount Bischoff face sampling.</li> <li>There is no face sampling for the Rentails Project.</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> </ul>	<b>Sludge Drilling</b> <ul style="list-style-type: none"> <li>Sludge drilling at Renison is performed with an underground production drill rig. It is an open hole drilling method using water as the flushing medium, with a 64mm (nominal) hole diameter. Sample intervals are ostensibly the length of the drill steel. Holes are drilled at sufficient angles to allow flushing of the hole with water following each interval to prevent contamination.</li> <li>There is no sludge drilling for the Mount Bischoff Project.</li> <li>There is no sludge drilling for the Rentails Project.</li> </ul>



Criteria	JORC Code Explanation	Commentary
	<ul style="list-style-type: none"> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<p><b>RC Drilling</b></p> <ul style="list-style-type: none"> <li>RC drilling has been utilised at Mount Bischoff.</li> <li>Drill cuttings are extracted from the RC return via cyclone. The underflow from each interval is transferred via bucket to a four tiered riffle splitter, delivering approximately three kilograms of the recovered material into calico bags for analysis. The residual material is retained on the ground near the hole. Composite samples are obtained from the residue material for initial analysis, with the split samples remaining with the individual residual piles until required for re-split analysis or eventual disposal.</li> <li>There is no RC drilling for the Renison Project.</li> <li>There is no RC drilling for the Rentails Project.</li> </ul> <p><b>Percussion Drilling</b></p> <ul style="list-style-type: none"> <li>This drilling method was used for the Rentails project and uses a rotary tubular drilling cutter which was driven percussively into the tailings. The head of the cutting tube consisted of a 50mm diameter hard tipped cutting head inside which were fitted 4 spring steel fingers which allowed the core sample to enter and then prevented it from falling out as the drill tube was withdrawn from the drill hole.</li> <li>There is no percussion drilling for the Renison Project.</li> <li>There is no percussion drilling for the Mount Bischoff Project.</li> <li>All geology input is logged and validated by the relevant area geologists, incorporated into this is assessment of sample recovery. No defined relationship exists between sample recovery and grade. Nor has sample bias due to preferential loss or gain of fine or coarse material been noted.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>Diamond core is logged geologically and geotechnically.</li> <li>RC chips are logged geologically.</li> <li>Development faces are mapped geologically.</li> <li>Logging is qualitative in nature.</li> <li>All holes are logged completely, all faces are mapped completely.</li> </ul>





Criteria	JORC Code Explanation	Commentary
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>• If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>• If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>• For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>• Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</li> <li>• Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>• Drill core is halved for sampling. Grade control holes may be whole-cored to streamline the core handling process if required.</li> <li>• Samples are dried at 90°C, then crushed to &lt;3mm. Samples are then riffle split to obtain a sub-sample of approximately 100g which is then pulverized to 90% passing 75um. 2g of the pulp sample is then weighed with 12g of reagents including a binding agent, the weighed sample is then pulverised again for one minute. The sample is then compressed into a pressed powder tablet for introduction to the XRF. This preparation has been proven to be appropriate for the style of mineralisation being considered.</li> <li>• QA/QC is ensured during the sub-sampling stages process via the use of the systems of an independent NATA / ISO accredited laboratory contractor.</li> <li>• The sample size is considered appropriate for the grain size of the material being sampled.</li> <li>• The un-sampled half of diamond core is retained for check sampling if required.</li> <li>• For RC chips regular field duplicates are collected and analysed for significant variance to primary results.</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li>• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>• For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>• Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul style="list-style-type: none"> <li>• Assaying is undertaken via the pressed powder XRF technique. Sn, As and Cu have a detection limit 0.01%, Fe and S detection limits are 0.1%. These assay methodologies are appropriate for the resource in question.</li> <li>• All assay data has built in quality control checks. Each XRF batch of twenty consists of one blank, one internal standard, one duplicate and a replicate, anomalies are re-assayed to ensure quality control.</li> <li>• Specific gravity / density values for individual areas are routinely sampled during all diamond drilling where material is competent enough to do so.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>• The verification of significant intersections by either independent or alternative company personnel.</li> <li>• The use of twinned holes.</li> <li>• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>• Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>• Anomalous intervals as well as random intervals are routinely checked assayed as part of the internal QA/QC process.</li> <li>• Virtual twinned holes have been drilled in several instances across all sites with no significant issues highlighted. Drillhole data is also routinely confirmed by development assay data in the operating environment.</li> <li>• Primary data is loaded into the drillhole database system and then archived for reference.</li> <li>• All data used in the calculation of resources and reserves are compiled in databases (underground and open pit) which are overseen and validated by senior geologists.</li> <li>• No primary assays data is modified in any way.</li> </ul>



Criteria	JORC Code Explanation	Commentary
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Specification of the grid system used.</li> <li>• Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>• All data is spatially oriented by survey controls via direct pickups by the survey department. Drillholes are all surveyed downhole, currently with a GyroSmart tool in the underground environment at Renison, and a multishot camera for the typically short surface diamond holes.</li> <li>• All drilling and resource estimation is undertaken in local mine grid at the various sites.</li> <li>• Topographic control is generated from remote sensing methods in general, with ground based surveys undertaken where additional detail is required. This methodology is adequate for the resource in question.</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>• Data spacing for reporting of Exploration Results.</li> <li>• Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>• Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>• Drilling in the underground environment at Renison is nominally carried-out on 40m x 40m spacing in the south of the mine and 25m, x 25m spacing in the north of the mine prior to mining occurring. A lengthy history of mining has shown that this data spacing is appropriate for the Mineral Resource estimation process and to allow for classification of the resource as it stands.</li> <li>• Drilling at Mount Bischoff is variably spaced. A lengthy history of mining has shown that this data spacing is appropriate for the Mineral resource estimation process and to allow for classification of the resource as it stands.</li> <li>• Drilling at Rentails is usually carried out on a 100m centres. This is appropriate for the Mineral resource estimation process and to allow for classification of the resource as it stands.</li> <li>• Compositing is carried out based upon the modal sample length of each individual domain.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>• Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>• 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.</li> </ul>	<ul style="list-style-type: none"> <li>• Drilling intersections are nominally designed to be normal to the orebody as far as underground infrastructure constraints / topography allows.</li> <li>• Development sampling is nominally undertaken normal to the various orebodies.</li> <li>• It is not considered that drilling orientation has introduced an appreciable sampling bias.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>• The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>• At Renison, Mount Bischoff and Rentails samples are delivered directly to the on-site laboratory by the geotechnical crew where they are taken into custody by the independent laboratory contractor.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>• The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>• Site generated resources and reserves and the parent geological data is routinely reviewed by the Metals X Corporate technical team.</li> </ul>



## SECTION 2: REPORTING OF EXPLORATION RESULTS

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

Criteria	JORC Code Explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>All Tasmania resources are hosted within 12M1995 and 12M2006. Both tenements are standard Tasmanian mining leases.</li> <li>No native title interests are recorded against the Tasmanian tenements.</li> <li>Tasmanian tenements are held by the Bluestone Mines Tasmania Joint Venture of which Metals X has 50% ownership.</li> <li>No royalties above legislated state royalties apply for the Tasmanian tenements.</li> <li>Bluestone Mines Tasmania Joint Venture operates in accordance with all environmental conditions set down as conditions for grant of the mining leases.</li> <li>There are no known issues regarding security of tenure.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>The Renison and Mount Bischoff areas have an exploration and production history in excess of 100 years.</li> <li>Bluestone Mines Tasmania Joint Venture work has generally confirmed the veracity of historic exploration data.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>Renison is one of the world's largest operating underground tin mines and Australia's largest primary tin producer. Renison is the largest of three major Skarn, carbonate replacement, pyrrhotite-cassiterite deposits within western Tasmania. The Renison Mine area is situated in the Dundas Trough, a province underlain by a thick sequence of Neoproterozoic-Cambrian siliciclastic and volcanoclastic rocks. At Renison there are three shallow-dipping dolomite horizons which host replacement mineralisation.</li> <li>Mount Bischoff is the second of three major Skarn, carbonate replacement, pyrrhotite-cassiterite deposits within western Tasmania. The Mount Bischoff Mine area is situated within the Dundas Trough, a province underlain by a thick sequence of Neoproterozoic-Cambrian siliciclastic and volcanoclastic rocks. At Mount Bischoff folded and faulted shallow-dipping dolomite horizons host replacement mineralisation with fluid interpreted to be sourced from the forceful emplacement of a granite ridge and associated porphyry intrusions associated with the Devonian Meredith Granite, which resulted in the complex brittle / ductile deformation of the host rocks. Lithologies outside the current mining area are almost exclusively metamorphosed siltstones. Major porphyry dykes and faults such as the Giblin and Queen provided the major focus for ascending hydrothermal fluids from a buried ridge of the Meredith Granite. Mineralisation has resulted in tin-rich sulphide replacement in the dolomite lodes, greisen and sulphide lodes in the porphyry and fault / vein lodes in the major faults. All lodes contain tin as cassiterite within sulphide mineralisation with some coarse cassiterite as veins throughout the lodes.</li> <li>The Rentails Mineral Resource is contained within three Tailing Storage Facilities (TSF's) that have been built up from the processing of tin ore at the Renison Bell mine over the period 1968 to 2013.</li> </ul>



Criteria	JORC Code Explanation	Commentary
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</li> </ul>	<ul style="list-style-type: none"> <li>No exploration results are reported as part of this release, results relating to the deposits have been previously released.</li> </ul>
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>No exploration results are reported as part of this release, results relating to the deposits have been previously released.</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>	<ul style="list-style-type: none"> <li>No exploration results are reported as part of this release, results relating to the deposits have been previously released.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul style="list-style-type: none"> <li>No exploration results are reported as part of this release, results relating to the deposits have been previously released.</li> </ul>



Criteria	JORC Code Explanation	Commentary
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>No exploration results are reported as part of this release, results relating to the deposits have been previously released.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	<ul style="list-style-type: none"> <li>No relevant information to be presented.</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>Exploration assessment and normal mine extensional drilling continues to take place at Renison.</li> <li>Exploration assessment continues to progress at Mount Bischoff.</li> <li>Project assessment continues to progress at Rentails.</li> </ul>