## ASX ANNOUNCEMENT 27 June 2022

# HIGH-GRADE TIN MINERALISATION AT TALLEBUNG DRILLING COMMENCES AT 3KEL-DORADILLA

#### TALLEBUNG TIN PROJECT

 Assay results from RC and diamond drilling at Tallebung have intercepted broad, highgrade tin-silver mineralisation, results include:

TBD002: 60.2m @ 0.54% tin & 40.4g/t silver from 12.8m, including;

15m @ 1.17% tin & 150.3g/t silver from 58m

TBRC021: 25m @ 0.14% tin from 124m, including;

1m @ 1.57% tin from 124m

- TBD002 drilled partially down the mineralisation to provide samples for metallurgical test work to build on the promising early indications of simple metallurgical processing at Tallebung.
- Further RC drilling has also been completed to follow up these results Assays pending.

#### DORADILLA TIN PROJECT

- 500m strike extension of the 3KEL target has been confirmed with all remaining assays now received for hole **3KDD017** from the most recent diamond drilling program at 3KEL.
- **3KDD017** was drilling to target tin mineralisation predicted to be underlying the zinc mineralisation intercepted in hole **3KDD013**, results include:

3KDD017: 5m @ 3.21% zinc from 207.7m, 10.6m @ 0.09% tin from 228m

• Large RC drilling program to test the 3km strike length at 3KEL has now commenced.

SKY CEO Oliver Davies commented, "The shallow, high-grade tin results intercepted at Tallebung are extremely encouraging with +0.5% tin corresponding to 2.5g/t Au equivalent in value at current prices. This is an exceptional result, particularly in combination with the recent, additional tin mineralisation intercepted in the RC programs and positive indications of simple metallurgical processing of the tin at Tallebung. This all provides SKY with a strong impetus to continue to develop the open pit mine potential at Tallebung. At the Doradilla Project, SKY is also very excited to start the large RC program at 3KEL, exploring for further extensions and infill drilling over the broad almost 3km strike now established."

The Board of Sky Metals Limited ('SKY' or 'The Company') is pleased to provide an update on exploration activities at the Tallebung Project and the 3KEL Tin-Polymetallic Target at the Doradilla Tin-Polymetallic Project, both in NSW.

#### **TALLEBUNG PROJECT: TIN (EL 6699, SKY 100%)**

#### TALLEBUNG TARGET - DIAMOND DRILLING

A large diameter PQ diamond drillhole, **TBD002**, was completed at Tallebung to provide samples for further metallurgical test work. This hole was orientated perpendicular to previous drilling and subparallel to the mineralisation to intercept as much of the mineralisation as possible to provide as much sample as possible for bulk metallurgical test work **(Figure 1)**. Assay results have been received and include:

TBD002: 60.2m @ 0.54% tin & 40.4g/t silver from 12.8m, including;

0.6m @ 7.96% tin & 0.08% tungsten from 12.8m and; 36.4m @ 0.73% tin & 65.2g/t silver from 36.6m including:

15m @ 1.17% tin, 150.3g/t silver & 0.20% copper from 58m including;

6m @ 2.28% tin, 229.1g/t silver & 0.35% copper from 64m.

The shallow high-grade tin mineralisation intercepted in **TBD002** demonstrates the strong potential for near surface open pit tin mineralisation at Tallebung. Two possible post mineralisation faults were observed in the hole and SKY plans to drill additional diamond drillholes with orientated core to continue to further develop the geological and structural controls on the mineralisation at Tallebung

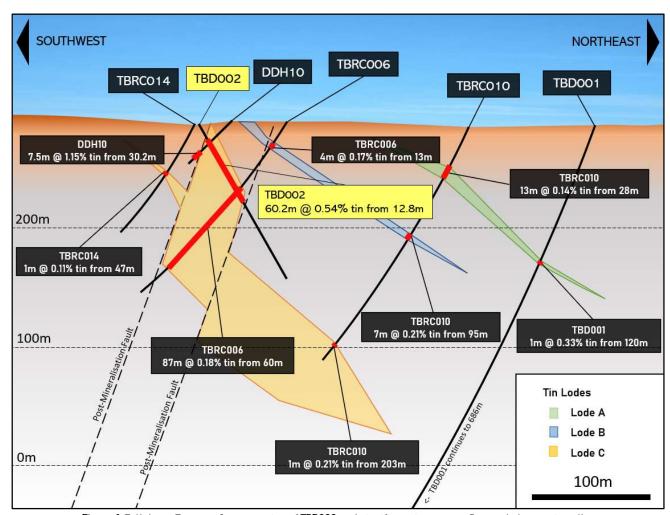


Figure 1: Tallebung Target - Cross-section of TBD002 and significant intercepts. Recent holes are in yellow.



As previously described, tin mineralisation at Tallebung is hosted as coarse cassiterite (tin-oxide) indicating favourable concentration by traditional gravity methods, most likely to be after pre-concentration via ore sorting. Due to the extremely successful start to ore sorting trials by TOMRA Ore Sorting Solutions (**Table 1**), samples from this metallurgical hole have been sent to TOMRA for further bulk ore sorting test work and will then on be sent on to test a conventional gravity flow sheet.

**Table 1** - Tallebung Tin-Tungsten Project, Tallebung Target. TOMRA ore sorting trial results.

Commodity	Sample	Weights	Feed Grade	Sort Grade	Sort Ratio	Recovery	Upgrade
Tin	Product 1	2.98	0.19%	0.70%	26:74	96%	3.74
	Waste 1	8.62	0.19%	0.01%	74:26	4%	0.05
Tungoton	Product 1	2.98	0.02%	0.06%	26:74	90%	3.50
Tungsten	Waste 1	8.62	0.02%	0.002%	74:26	10%	0.14

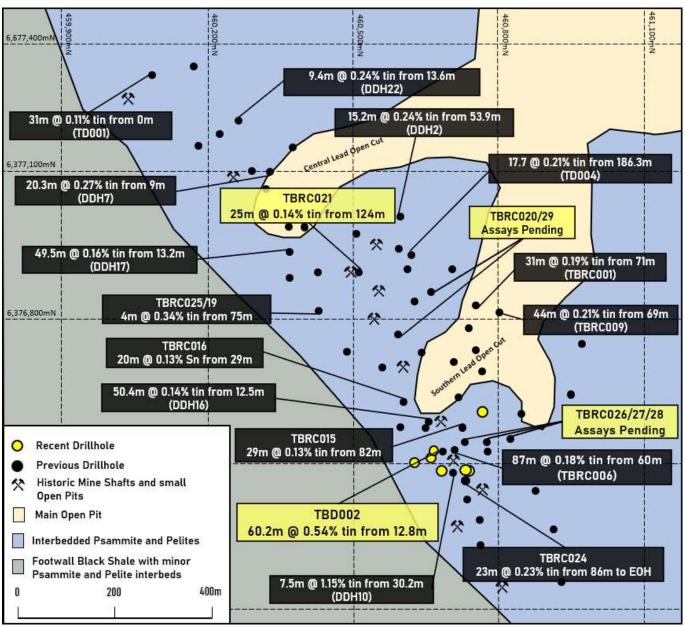


Figure 2: Tallebung Target – Plan view with drill hole collars and significant intercepts. Recent RC holes (TBRC030-34) are in yellow – assays are pending for these holes.



#### TALLEBUNG TARGET - RC DRILLING

Six RC drillholes, **TBRC020-21** and **TBRC026-29**, for a total of 1110m were completed at Tallebung last month to infill the large extensions to the tin mineralisation intercepted by the previous RC program. Assays have been received for one of the six holes drilled, **TBRC021**, which confirm the tin mineralisation has successfully been extended. Results include:

TBRC021: 4m @ 0.35% tin & 0.04% tungsten from 42m, including;

1m @ 1.23% tin & 0.07% tungsten from 42m. 25m @ 0.14% tin from 124m including;

8m @ 0.36% tin & 0.07% tungsten from 124m, including;

1m @ 1.57% tin from 124m.

Another six infill and extension RC drillholes, **TBRC030-35**, have now been completed at Tallebung to continue to expand the broad footprint of bulk tonnage mineralisation and to increase confidence in the bulk tonnage tin mineralisation intercepted in previous drilling (**Figure 2**).

**Table 2** - Tallebung Tin-Tungsten Project, Tallebung Target. Collar summary for drill holes.

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Hole ID	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (MGA)	Total Depth (m)	Comments
TBD002	460632	6376535	289	-60	84.4	150.2	Completed
TBRC020	460593	6376771	287	-60	239.4	204	Completed
TBRC021	460524	6376889	290	-60	246.6	210	Completed
TBRC026	460846	6376533	285	-60	260.4	192	Completed
TBRC027	460728	6376531	288	-60	260.4	186	Completed
TBRC028	460764	6376529	287	-60	260.4	198	Completed
TBRC029	460657	6376873	285	-60	246.4	120	Completed

Table 3 - Tallebung Tin-Tungsten Project, Tallebung Target. Significant drillhole intersections.

Hole ID	From	To	Interval	Sn	W	Ag	Cu	Zn	Comment
	(m)	(m)	(m)	%	%	g/t	%	%	
TBD002	12.8	73	60.2	0.54	0.01	40.4	0.06	-	Bulk Tonnage Interval
including	12.8	13.4	0.6	7.96	0.08	5.41	-	-	High-grade Vein
and	36.6	73	36.4	0.73	0.01	65.2	0.09	-	Lower Zone - 'C' Lode
including	58	73	15	1.17	0.02	150.3	0.20	0.05	High-grade Zone
including	64	70	6	2.28	0.03	229.1	0.35	0.08	High-grade Core
TBRC021	42	46	4	0.35	0.04	21.6	-	-	
including	42	43	1	1.23	0.07	53.7	-	-	
	124	149	25	0.14	0.03	3.24	-	-	
including	124	132	8	0.36	0.07	7.73	-	-	
including	124	125	1	1.57	0.02	28.8	-	0.1	
	192	202	10	0.12	0.02	4.12	-	0.21	



#### **DORADILLA PROJECT: TIN-POLYMETALLIC (EL 6258, SKY 100%)**

#### **3KEL TARGET - DIAMOND DRILLING**

SKY completed three diamond drillholes at 3KEL in March, earlier this year. Assays have previously been reported for two of the three holes with the assays now received for remaining hole, **3KDD017**. **3KDD017** was drilled below the zinc mineralisation in **3KDD013** (11.2m @ 3.02% Zn from 123m) to confirm the geological interpretation that the zinc mineralisation in **3KDD013** was overlying further tin mineralisation at depth (**Figure 3**). The results from **3KDD017** have confirmed this geological model and established a 500m strike extension of the 3KEL Target, expanding the strike length of the 3KEL tin mineralisation to over 2.8km. Results included:

3KDD017: 5m @ 3.21% zinc from 207.7m,

10.6m @ 0.09% tin from 228m

Deeper drilling under the mineralisation intercepted in **3KDD017** is being planned to further extend this mineralisation at depth. Based on the growing confidence of the geological model being developed at 3KEL, SKY anticipates that that the tin grades will increase significantly at depth below **3KDD017**. Most importantly, these results also demonstrate that the mineralisation at 3KEL remains open along strike to the northeast, as has been indicated by up to 0.7% tin rock chips collected by SKY previously to the northeast of **3KDD017** (**Figures 4 and 5**).

Zinc mineralisation is common in these zoned large-scale tin systems and is associated with 'high levels' above the tin mineralisation and mineralising granite. **3KDD013** likely intercepted this higher level, indicated by the very pale yellow/white sphalerite (zinc sulphide) which hosted the zinc mineralisation. **3KDD017** has also intercepted sphalerite, however, this sphalerite is a darker yellow-red and indicates that it is moving towards the deeper tin zone of the 3KEL system, as has now been confirmed with these recent assays and the tin mineralisation.

#### **3KEL TARGET - RC DRILLING**

The large extension and infill RC drilling program planned for 3KEL has now commenced after significant delays due to wet conditions. The drill program is to continue the drilling of the large 3KEL Target, starting on the north-eastern end of the 3KEL Target before moving to the south-west, testing along the 2.8km strike.

This RC program will aim to explore extensions to the large strike of tin mineralisation, extend the zinc mineralisation in **3KDD013** and also test underneath the rock chips results from the large 200m x 150m undrilled gossanous area 200m further to the northeast of **3DKK013**. Rock chips from this gossanous area assayed up to 0.7% tin and represent a +200m extension of the 3KEL Target.

A camp is in place near the 3KEL Target to allow for better access for SKY staff and contractors for the ongoing drilling programs planned over at least the next 3 months.



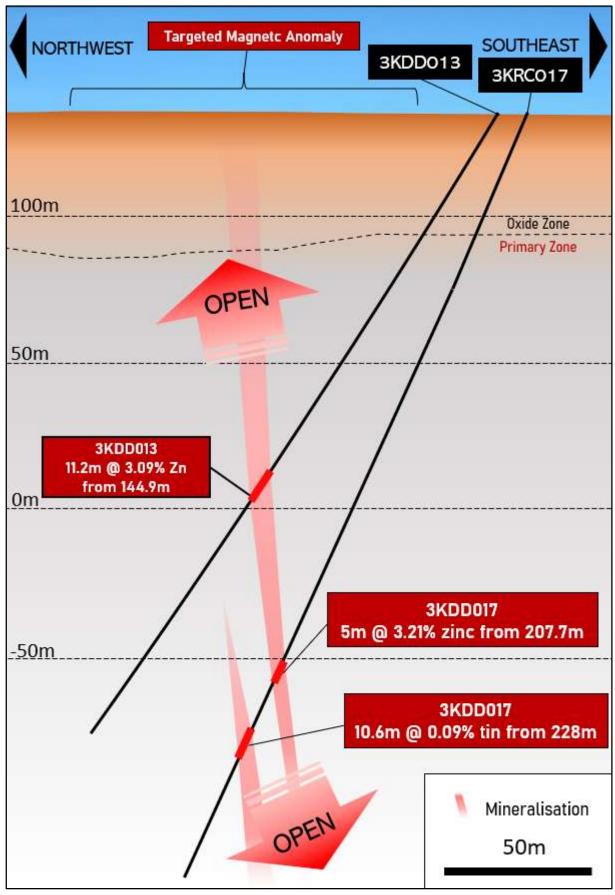


Figure 3: 3KEL Target - Cross-section showing 3KDD013 and 3KRC017.



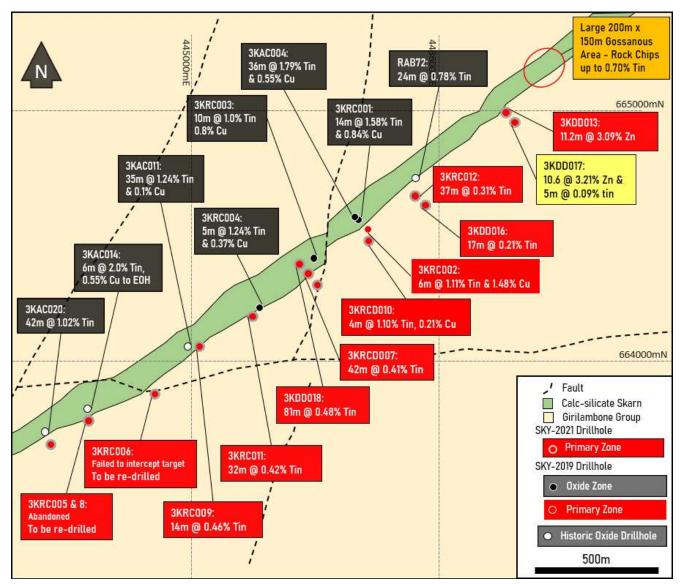


Figure 4: 3KEL Target – Geological map of the 3KEL Target and drillhole collar positions and assays. Drillholes from latest drill program are in the yellow boxes.

Table 4 - Doradilla Tin-Polymetallic Project, 3KEL Target. Collar summary for drill holes.

Hole ID	From	To	Interval	Sn	Cu	Zn	ln	Ag	Comment
	(m)	(m)	(m)	%	%	%	g/t	g/t	
3KDD017	207.7	212.7	5	0.05	1	3.21	17.0	-	Upper Zinc Zone
and	228	238.6	10.6	0.09	1	1	11.4	-	Lower Tin Zone

**Table 5** – Doradilla Tin-Polymetallic Project, 3KEL Target. Significant drillhole intersections.

Hole ID	Easting (MGA)	Northing (MGA)	RL (m)	Dip	Azimuth (MGA)	Total Depth (m)	Comments
3KDD016	444933.9	6649621.1	132.1	-60	324.6	252.6	Completed
3KDD017	445309.7	6649962.4	129.3	-66	334.6	276.7	Completed
3KDD018	444425.6	6649385.2	135.4	-75	142	168.5	Completed



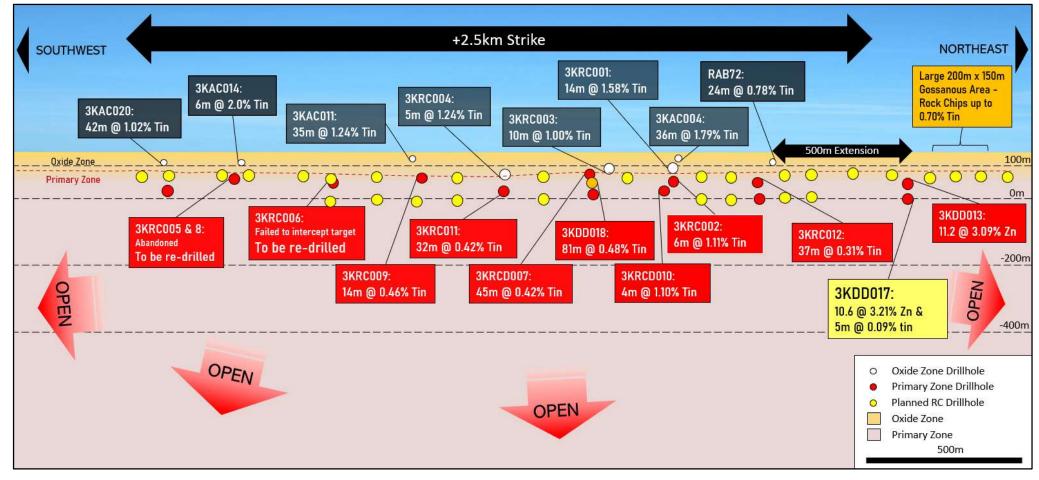


Figure 5: 3KEL Target - Schematic Long Section. Holes 3KRC005 and 3KRC008 were drilled from the same pad and both holes were abandoned before reaching the target depth.



This report has been approved for release by the Board of Directors.

#### ABOUT SKY (ASX: SKY)

SKY is an ASX listed public company focused on the exploration and development of high value mineral resources in Australia. SKY's project portfolio offers exposure to the tin, gold, and copper markets in the world class mining jurisdiction of NSW.

#### **GOLD PROJECTS**

#### CULLARIN / KANGIARA PROJECTS (EL7954; EL8400 & EL8573, HRR FARM-IN)

Under the HRR farm-in, SKY has now earned an 80% interest in the projects via the expenditure of \$2M (ASX: 9 October 2019). McPhillamys-style' gold results from previous drilling at the Cullarin Project include 148.4m @ 0.97 g/t Au (WL31) including 14.6m @ 5.1 g/t Au from 16.2m, & 142.1m @ 0.89 g/t Au (WL28) including 12m @ 4.4 g/t Au from 25.9m. The Cullarin Project contains equivalent host stratigraphy to the McPhillamys deposit with a similar geochemical, geophysical & alteration signature. SKY's maiden drill program was successful including core hole HUD002 which returned 93m @ 4.2 g/t Au from 56m.

#### CALEDONIAN / TIRRANA PROJECTS ( EL8920, EL9048, EL9120 100% SKY)

Highlight, 'McPhillamys-style' gold results from previous exploration include 36m @ 1.2 g/t Au from 0m to EOH in drillhole LM2 and 81m @ 0.87g/t Au in a costean on EL8920 at the Caledonian Project. The distribution of multiple historic drill intersections indicates a potentially large gold zone with discrete high-grade zones, e.g. 6m @ 8g /t Au recorded from lode at historic Caledonian Mines (GSNSW). A strong, robust soil gold anomaly (600 x 100m @ +0.1ppm) occurs and most drillholes (depth ~25m) terminate in the mineralised zone.

#### COPPER GOLD PROJECTS

#### GALWADGERE (EL6320, 100% SKY)

The Galwadgere project is located ~15km south-east of Wellington in central NSW. High grade copper-gold mineralisation has been intersected by previous explorers (e.g. 47m @ 0.90% Cu & 1.58g/t Au) and the mineralisation is open along strike and at depth.

#### IRON DUKE (EL6064, BALMAIN OPTION; EL9191 100% SKY)

The Iron Duke project is located ~10km south-east of Tottenham in central NSW. High grade copper-gold mineralisation has been intersected by previous explorers (e.g. 13m @ 1.56% Cu & 4.48g/t Au)

#### TIN PROJECTS

#### TALLEBUNG PROJECT (EL6699, 100% SKY)

The Tallebung Project is located ~70km north-west of Condobolin in central NSW. The project encompasses the historic Tallebung Tin Mining Field at the northern extent of the Wagga Tin Belt within the central Lachlan Orogen and is considered prospective for lode and porphyrystyle tin - tungsten mineralisation.

#### DORADILLA PROJECT (EL6258, 100% SKY)

The Doradilla Project is located ~ 30km south of Bourke in north-western NSW and represents a large and strategic tin project with excellent potential for associated polymetallic mineralisation (tin, tungsten, copper, bismuth, indium, nickel, cobalt, gold).

#### NEW ENGLAND PROJECT (EL9200 & 9210, 100% SKY)

SKY has been granted two exploration licences in the New England Orogen covering areas of significant historical tin production – Emmaville & Gilgai. These areas were selected as they were considered to have considerable potential to host hardrock tin resources and limited modern exploration has been conducted.



Figure 6: SKY Location Map



#### COMPETENT PERSONS STATEMENT

The information in this report that relates to Exploration Results is based on information compiled by Rimas Kairaitis, who is a Member of the Australasian Institute of Mining and Metallurgy. Rimas Kairaitis is a Director of Sky Metals Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity 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 Kairaitis consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

#### PREVIOUSLY REPORTED INFORMATION

The information in this report that references previously reported exploration results is extracted from the Company's ASX market announcements released on the date noted in the body of the text where that reference appears. The previous market announcements are available to view on the Company's website or on the ASX website (www. asx.com.au). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

#### DISCLAIMER

This report contains certain forward-looking statements and forecasts, including possible or assumed reserves and resources, production levels and rates, costs, prices, future performance or potential growth of Sky Metals Ltd, industry growth or other trend projections. Such statements are not a guarantee of future performance and involve unknown risks and uncertainties, as well as other factors which are beyond the control of Sky Metals Ltd. Actual results and developments may differ materially from those expressed or implied by these forward-looking statements depending on a variety of factors. Nothing in this report should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities.

This document has been prepared in accordance with the requirements of Australian securities laws, which may differ from the requirements of United States and other country securities laws. Unless otherwise indicated, all ore reserve and mineral resource estimates included or incorporated by reference in this document have been, and will be, prepared in accordance with the JORC classification system of the Australasian Institute of Mining, and Metallurgy and Australian Institute of Geoscientists.



#### JORC CODE, 2012 - TABLE 1

## Section 1 Sampling Techniques and Data – TALLEBUNG AND DORADILLA PROJECT (Criteria in this section apply to all succeeding sections)

Criteria	Explanation	Commentary
Sampling techniques	standard measurement tools appropriate to the minerals under investigation, such as downhole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as	Drill core sampling is by sawn half core HQ core. Nominal sample intervals are 1m with a range from 0.3m to 2.0m.  All diamond drill core and RC chips were submitted to ALS Orange for preparation and assaying.
	<ul> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> </ul>	Assay standards or blanks are inserted at least every 30 samples for diamond drill core. All sample lab received weights show consistency with core recovery and interval length.
	<ul> <li>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.</li> </ul>	Each sample was dried, crushed and pulverised as per standard industry practice.  Diamond drilling - core samples were taken at nominally 1m, but with a range between 0.3-2m. PQ core samples are cut in quarters with ¾ retained for reference and metallurgical test work and ¼ submitted for assay - dried, crushed and pulverised to 90% passing 75 microns.  RC Drilling – the total sample (~20-30kg) is delivered via cyclone into a large plastic bag which is retained for future use if required. 1m intervals are split using a cone splitter on the rig into a separate calico at the time of drilling. Though the Permian overlying sequence, composite spear samples of 3m were taken.
		Forty-eight elements including Ag, As, Cu, Fe, In, Pb, S, Zn are digested by four-acid digest then analysed by ICPMS (method ME-MS61). Sn and W assays were generated by lithium borate fusion XRF (method ME-MS85) — considered appropriate for these elements and by XRF fusion for +1% ore grade assays.
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)	Diamond Drilling completed by drilling PQ. PQ was drilled to EOH to produce the largest sample.  PQ core was not orientated.  Reverse circulation (RC) drilling using 110mm rods, 144mm face sampling hammer.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed	Diamond drill core recovery recorded against intervals drilled as part of geotechnical logging to determine recovery. Recoveries are generally greater than 95% once in fresh rock.  RC drilling - high capacity RC rig was used to enable dry samples collected. Drill cyclone is cleaned between rod changes and after each hole to minimise cross-hole contamination.



Criteria	Explanation	Commentary	
•	Measures taken to maximise sample recovery and ensure representative nature of the samples	Diamond drilling utilising triple tube drilling and short drilling runs employed to maximise core recovery.  RC drilling - high capacity RC rig was used to enable dry samples collected. Drill cyclone is cleaned	
•	Whether a relationship exists between sample recovery and grade and whether sample bias man have occurred due to preferential loss/gain of fine/coarse material	between rod changes and after each hole to minimise cross-hole contamination.  Vec There is no known relationship between sample recovery and grade. Where samples recoveries are less than 95% there is no relationship observed between grade and sample recovery. Relationships between sample recovery and grade are not considered significant where recoveries exceeded 95% in fresh rock.	
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	Systematic geological and geotechnical logging was undertaken by NBH and their joint venture partners when the holes were originally drilled. Data collected includes:  Nature and extent of lithologies. Relationship between lithologies. Amount and mode of occurrence of ore minerals. Location, extent, and nature of structures such as bedding, cleavage, veins, faults etc. Structural data (alpha & beta) are recorded for orientated core. Geotechnical data such as recovery, RQD, fracture frequency, qualitative IRS, microfractures veinlets and number of defect sets. For some geotechnical holes the orientation, nature of defects and defect fill are recorded.	
•	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography	Both qualitative and quantitative data is collected. Half core (HQ) & ¾ core (PQ) samples are retained in trays for future reference.	
•	The total length and percentage of the relevant intersections logged	All core was geologically and geotechnically logged.	
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken	Diamond drilling - core was sawn with half core (HQ) or quarter core (PQ) submitted for assay. Sampling was consistently on one side of the orientation line so that the same part of the core is sent for assay.	
		RC drilling - the total sample ( $\sim$ 20-30kg) is delivered via cyclone into a large plastic bag which is retained for future use if required. 1m intervals are split using a riffle splitter on the rig into a separate calico at the time of drilling.	
•	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry	RC drilling - the total sample (~20-30kg) is delivered via cyclone into a large plastic bag which is retained for future use if required. 1m intervals are split using a riffle splitter on the rig into a separate calico at the time of drilling.	
	For all sample types, the nature, quality and appropriateness of the sample preparation technique	Core samples were dried crushed and pulverised to 90% passing 75 microns. This is considered to appropriately homogenise the sample to allow subsampling for the various assay techniques.	
		For RC samples: samples were dried crushed and pulverised to 85% passing 75 microns. This is considered to appropriately homogenise the sample to allow subsampling for the various assay techniques.	



Criteria	Explanation	Commentary		
•	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples	Certified Reference Material (CRM) and blanks were inserted at least every 50 samples to assess the accuracy and reproducibility of the drill core results. The results of the standards were to be within ±10% variance from known certified result. If greater than 10% variance the standard and up to 10 samples each side were re-assayed. ALS conducted internal check samples every 20 for multielement assay.		
	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.	No field duplicates are taken for core samples. Core samples were cut in ½ for HQ and ¼ for PQ generally in down hole intervals of 1m, however, intervals can range from 0.3-2.0m. This is considered representative of the in-situ material. The sample was crushed and pulverised to 90% passing 75 microns. This was considered to appropriately homogenise the sample.		
		Field duplicates were taken for RC samples with spear sampling of zones of visual mineralisation.  Duplicates performed well. The sample was crushed and pulverised to 90% passing 75 microns. This was considered to appropriately homogenise the sample.		
	Whether sample sizes are appropriate to the grain size of the material being sampled	Sample sizes are industry standard and considered appropriate		
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	Standard assay procedures performed by a reputable assay lab, (ALS Group), were undertaken. Fortyeight elements including Ag, As, Cu, Fe, Pb, S, Zn are digested by four-acid digest then analysed by ICPMS (method ME-MS61).		
		Sn and W assays were generated by lithium borate fusion XRF (method ME-MS85) – considered appropriate for these elements. XRF analysis was used for sample over 1% Sn or W.		
	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	Not applicable as no geophysical tools were used in the determination of assay results.		
	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	Certified reference material or blanks were inserted at least every 30 samples. Standards are purchased from Certified Reference Material manufacture companies: Standards were purchased in foil lined packets of between 60g and 100g. Different reference materials were used to cover high grade, medium grade, low grade, and trace ranges of elements, with a primary focus on Sn and Cu.		
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Drill data is compiled and collated and reviewed by senior staff. External consultants do not routinely verify exploration data until resource estimation procedures are deemed necessary. The intersection calculations were viewed by >1 geological personnel.		
	The use of twinned holes.	Twinned holes have been used by past explorers at the Doradilla project to validate the results achieved and have confirmed these historic results.		



Criteria	Explanation	Commentary		
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Drill Hole Data including: meta data, any gear left in the drill hole, lithological, mineral, survey, sampling, magnetic susceptibility was collected and stored as physical and electronic copies or entered directly into an excel spread sheet using drop down codes. When complete the spreadsheet was combined into a master excel spreadsheet as the drill hole database.  Assay data was provided by ALS via .csv spreadsheets. The data was validated using the results received from the known certified reference material. Hard copies of the assay certificates were stored with drill hole data such as drillers plods, invoices, and hole planning documents.		
	Discuss any adjustment to assay data	Assay data is not adjusted.		
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.	Historic drill hole collars were located using either a licenced surveyor or on a local imperial or metric grid. Conversion of the local grid co-ordinates has been undertaken by previous exploration companies and has been checked by SKY staff and contract surveyors to provide SKY with a +/-5m accuracy of historic drillhole collars. SKY has used DGPS surveying of drillholes (± 0.1m) to accurately locate them once completed and an initial handheld GPS (+/-3m) reading is used before holes are surveyed via DGPS.		
	Specification of the grid system used	All coordinates are based on Map Grid Australia Zone 55E, Geodetic Datum of Australia 1994.		
	Quality and adequacy of topographic control	Historic drill hole collars were located using either a licenced surveyor or on a local imperial or metric grid. SKY has used DGPS surveying of drillholes (± 0.1m) to accurately locate them and an initial handheld GPS (+/-3m) reading is used before holes are surveyed via DGPS.		
Data spacing and distribution	Data spacing for reporting of Exploration Results	At this early exploration stage, the data spacing is variable as the focus is on geological mapping and identifying new zones of mineralisation.		
	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	Not Applicable as no JORC-2012 resource estimate has been completed.		
	Whether sample compositing has been applied	Sample compositing is not 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	Drilling was orientated to cross the mineralisation trend at moderate to high angles. The use of orientated core allows estimates of the true width and orientation of the mineralisation to be made.		
		In the case of the hole for metallurgical sample, however, drilling was orientated to drill sub-parallel to mineralisation to maximise sample of the mineralisation to provide the largest sample possible for metallurgical test work.		
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced sampling bias, this should be assessed and reported if material	No sample bias due to drilling orientation is known, however, the unique orientation of the metallurgical drillholes may introduce some sampling bias. The structural controls on mineralisation is considered well understood and consistent.		



Criteria	Explanation	Commentary
Sample security	The measures taken to ensure sample security	Sample chain of custody has been managed by the employees of Sky Metals who commissioned the drilling and transport samples from the drilling rig to assay laboratory.  All samples are bagged in tied numbered calico bags, grouped into larger tied polyweave bags, or placed in a stillage box and transported to ALS in Orange by SKY personnel. All sample submissions are documented via ALS tracking system and all assays are reported via email.  Sample pulps are returned to site and stored for an appropriate length of time (minimum 3 years). The Company has in place protocols to ensure data security.
Audits or reviews	The results of any audits or reviews of sampling techniques and data	The Company does not routinely have external consultants verify exploration data until resource estimation procedures are deemed necessary.

### Section 2 Reporting of Exploration Results – DORADILLA PROJECT (Criteria listed in the preceding section also apply to this section)

Criteria	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 Doradilla Project is described by NSW Exploration Licence 6258 The tenement is 100% owned by Stannum Pty Ltd, a 100% owned subsidiary of Big Sky Metals Pty Ltd and Sky Metals Ltd.
		The Tallebung Project is described by NSW Exploration Licence 6699 The tenement is 100% owned by Stannum Pty Ltd, a 100% owned subsidiary of Big Sky Metals Pty Ltd and Sky Metals Ltd.
		The Tallebung tenement is overlain by Native Title Determination Application No NC12/1 (Federal Court No NSD 415/12). A determination of extinguished native title was received over a portion of the Tallebung Tin Field.
•	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 conditions of the license for the Doradilla Project require the prior written consent from NSW Minister for Planning (Minister) before any change in effective control of the licence holder or foreign acquisition of substantial control of the licence holder. No impediments known.
		Stannum Pty Ltd have previously commence a Right to Negotiate Process (RTN) with the claimant group with respect to Application No NC12/1 (Federal Court No NSD 415/12). These negotiations did not conclude. Stannum Pty Ltd has recently (June 2018) resubmitted a Native Title Clearance report to the NSW Dept of Planning. A determination of extinguished native title was received over a portion of the Tallebung Tin Field.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties	The Doradilla Project area has an extensive exploration history, with the tenement area subject to extensive past exploration within 22 previous exploration licences. The main DMK line skarn zone was discovered by North Broken Hill Ltd in 1972. Between 1972 and 1984 several companies, (North Broken Hill Ltd, Renison Ltd, Aberfoyle Exploration Pty Ltd, Metals Exploration Ltd, and Preussag Australia Pty Ltd), drilled multiple diamond, percussion and auger drill holes on the prospect, defining a stratigraphically persistent, low grade, tin-bearing calc-silicate skarn. Significant exploration efforts were



Criteria	Explanation	Commentary
		also completed by Shell Minerals, Cleveland Tin, Aberfoyle, Eastmet and Metals Exploration. More recent exploration was completed by Goldminco Corporation and YTC Resources (now Aurelia Metals), who completed aircore drilling programmes on 3KEL, the Doradilla deposit, as well as aircore and diamond core holes across a number of ultramafic serpentinite bodies, exploring for Avebury-style related nickel mineralisation.
		The Tallebung Project area was subject to a large, modern scale alluvial/colluvial mining by the Tullebong Tin Syndicate in the period 1963-1972. The Tullebong Syndicate completed a programme of 24 short diamond holes in 1968-69 designed to test the lode mineralisation at Tallebung.
		Pruessag completed a large-scale assessment of the alluvial tin deposits in 1984-85, including RC drilling, identifying the potential for a large, low grade alluvial deep lead.
		In recent exploration, YTC Resources (now Aurelia Metals Ltd) completed trenching, diamond drilling, aircore drilling of tailings, and resistivity geophysics (EH4) at the Tallebung tin field. YTC recognised the continued potential for both shallow high grade, and large scale low-grade 'porphyry-style- tin mineralisation.
Geology	Deposit type, geological setting and style of mineralisation	The bedrock geology of EL6258 comprises units of low to moderate metamorphic grade phyllite, schist, slate, siltstone, and conglomerate that have been previously interpreted to be part of the Ordovician Girilambone Group. The mineralisation at Doradilla is mainly skarn/replacement tin/tungsten mineralisation hosted with the DMK Line. The DMK Line is a belt of calc-silicate skarns after limestone and marl that is up to 100m thick. This unit is considered to be a conformable part of the Devonian stratigraphy. Other calc silicates have been located at Doradilla Trig, Wednesday Shaft and Northern Shaft. Post-dating deformation and regional metamorphism is the emplacement of a large fractioned A-type granite batholith with an evolved suite of quartz porphyry dykes (the Midway Granite), interpreted to be the source of mineralising fluids at Doradilla. Recent dating has demonstrated a Triassic age for these intrusions. Mineralisation appears to be related to emplacement of this batholith.
		The Ordovician aged Tallebung Group sediments in the Tallebung Tin Field area outcrop as a sequence of weakly metamorphosed shales, siltstones, carbonaceous mudstones and minor quartz-rich sandstones. The rocks are tightly folded, striking NNW at around 3300 with variable dips. The tin mineralisation is thought to be sourced from the Silurian-aged Erimeran granite, which outcrops 2km south of the Tallebung Tin Field. The Tallebung Tin Field represents a site of significant tin and tungsten production from high grade, quartz lodes and their associated alluvial and deep lead deposits. The field has been worked sporadically from the discovery of lode tin in the 1890's, through to the large-scale open cut mining of alluvial tin by the Tullabong Tin Syndicate in the period 1963 to 1971. The Tallebung Tin Field contains significant, tin bearing, unconsolidated sediments which are alluvial to elluvial in nature, poorly sorted and contain coarse bedrock fragments up to 15cm in a matrix of sandy/silty clay with some iron oxides and cemented layers. Sediment thickness varies from 5m to 36 metres. The east-trending, tin bearing leads and deep leads draining the Tallebung lode deposits are the dominant source of historic tin production from the field. The Tallebung site is now a large-scale derelict mining environment with approximate 1.2km strike of shallow open cuts, large scale tailings dam and decaying mine site housing and infrastructure.  The tin and tungsten bearing quartz reefs are located on the western edge of the worked out alluvial
		open pits. The lodes form a well-developed quartz vein stock work zone extending for approximately



Criteria	Explanation	Commentary
		1.2km on a 330o trend. Thicker quartz lodes >0.5m have been selectively exploited in historic shafts and shallow open cuts along the trend.
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level–elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not Material</li> </ul>	See body of announcement.  Not applicable as drill hole information is included.
	and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	<ul> <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> </ul>	Where reported, drilling results from the Doradilla and Tallebung Projects have been length weighted. Grades greater than 0.1% Sn or 2% Zn have been used to calculate intercepts. No high cut-off has been applied.
	<ul> <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> </ul>	Intercepts are length weighted with no cutting of grades. This may lead to elevation of intercept grades due to the presence of a narrow interval of high-grade material. Such high grade zones are reported as included intercepts inside the broader intercept.
	The assumptions used for any reporting of metal equivalent values should be clearly stated	No metal equivalences quoted.
Relationship between mineralisation widths and intercept lengths	<ul> <li>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.</li> <li>if it is not known and only the down hole lengths are reported, there should be a clear</li> </ul>	Orientated drill core used to allow determination of orientation of structures and mineralisation. Lode orientation of the 3KEL mineralisation is well constrained by previous drilling, outcrop and orientated drillcore measurements.
	statement to this effect (e.g. 'down hole length, true width not known').	Similarly, at Tallebung, orientated drill core has been used to allow determination of orientation of structures and mineralisation. Lode orientation of the Tallebung is well constrained by previous drilling and outcrop.
Diagrams	<ul> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	See body of announcement, and SKY ASX announcement 9 March 2020, SKY ASX announcement 22 September 2021, SKY ASX announcement 25 October 2021 SKY ASX announcement 17 January 2022, SKY ASX announcement 27 January 2022, SKY ASX announcement 7 March 2022.
Balanced reporting	<ul> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	See body of announcement, and SKY ASX announcement 9 March 2020, SKY ASX announcement 22 September 2021, SKY ASX announcement 25 October 2021 SKY ASX announcement 17 January 2022, SKY ASX announcement 27 January 2022, SKY ASX announcement 7 March 2022, SKY ASX announcement 1 June 2022, ASX announcement, 22 November 2018, SKY ASX announcement 4 September 2019, SKY ASX announcement 5 December 2019 and SKY ASX Announcement 10 May 2022.
Other substantive exploration data	<ul> <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>	/N/A.



Criteria	Explanation	Commentary
Further work		Further work is imminent to continue exploring the tenement. See body of announcement, and SKY ASX announcement 9 March 2020, SKY ASX announcement 22 September 2021, SKY ASX announcement 25 October 2021 SKY ASX announcement 17 January 2022, SKY ASX announcement 27 January 2022, SKY ASX announcement 7 March 2022, SKY ASX announcement 1 June 2022, ASX announcement, 22 November 2018, SKY ASX announcement 4 September 2019, SKY ASX announcement 5 December 2019 and SKY ASX Announcement 10 May 2022.
	interpretations and future drilling areas, provided this information is not commercially sensitive.	See body of announcement, and SKY ASX announcement 9 March 2020, SKY ASX announcement 22 September 2021, SKY ASX announcement 25 October 2021 SKY ASX announcement 17 January 2022, SKY ASX announcement 27 January 2022, SKY ASX announcement 7 March 2022, SKY ASX announcement 1 June 2022, ASX announcement, 22 November 2018, SKY ASX announcement 4 September 2019, SKY ASX announcement 5 December 2019 and SKY ASX Announcement 10 May 2022.

