Sunshine Gold Limited
ABN 12 063 388 821
1/23 Mackley Street
Garbutt Qld 4814

ASX: SHN
+61 8 6245 9828
info@shngold.com.au
shngold.com.au

ASX Release

6 October 2022

Ravenswood West Project returns exceptional results.
Titov prospect extends over 500m & high-grade gold at Connolly.

Highlights

- New reverse circulation (RC) drilling at Ravenswood West Project extends Cu-Au-Ag-Mo mineralisation over 500m of strike at Titov prospect.
- Soil sampling at Connolly gold prospect, 20km south south-east of Titov, defines a large scale 1.8km x 2.5km > 50ppb Au anomaly.
- Strong potential for high-grade gold mineralisation at Connolly following exceptional rock chip results.

Sunshine Gold Limited (ASX:SHN) has continued to return exceptional exploration results at its Ravenwood West Project near Townsville following 3,310m of RC drilling across 19 holes (average depth 174m).

Located adjacent to Queensland's largest gold mine at Ravenswood, Sunshine's polymetallic Ravenswood West Project is highlighted by up to 14 major prospects from Titov (Cu-Au-Ag-Mo) in the north to Connolly (Au) in the south.

Strong intercepts returned at Titov Prospect

At Titov, 12 drill holes tested the extent of the "Main Zone" lode, defining mineralisation over a 500m strike length and showing it to be open at depth. Notable assays include:

- **45m @ 0.25% CuEq from 36m** (22TVRC019)
- **16m @ 0.50% CuEq from 15m** (22TVRC022)
- **103m @ 0.57% CuEq from surface** (22TVRC012 ASX - 10 August 2022)
- **42m @ 0.34% CuEq from 15m** (22TVRC011 ASX - 10 August 2022)

Additionally, three holes at Titov South intercepted higher-grade Cu-Mo bearing veins in a similar structural orientation to the Main Zone, including:

- **5m @ 0.95% CuEq from 201m and 5m @ 0.79% CuEq from 229m** (22TVRC018)

Meanwhile, three of four shallow holes drilled 300 to 500m north of Titov Main (to test a coincident shallow east-west conductor and Cu-Ag bearing float) returned anomalous Au.

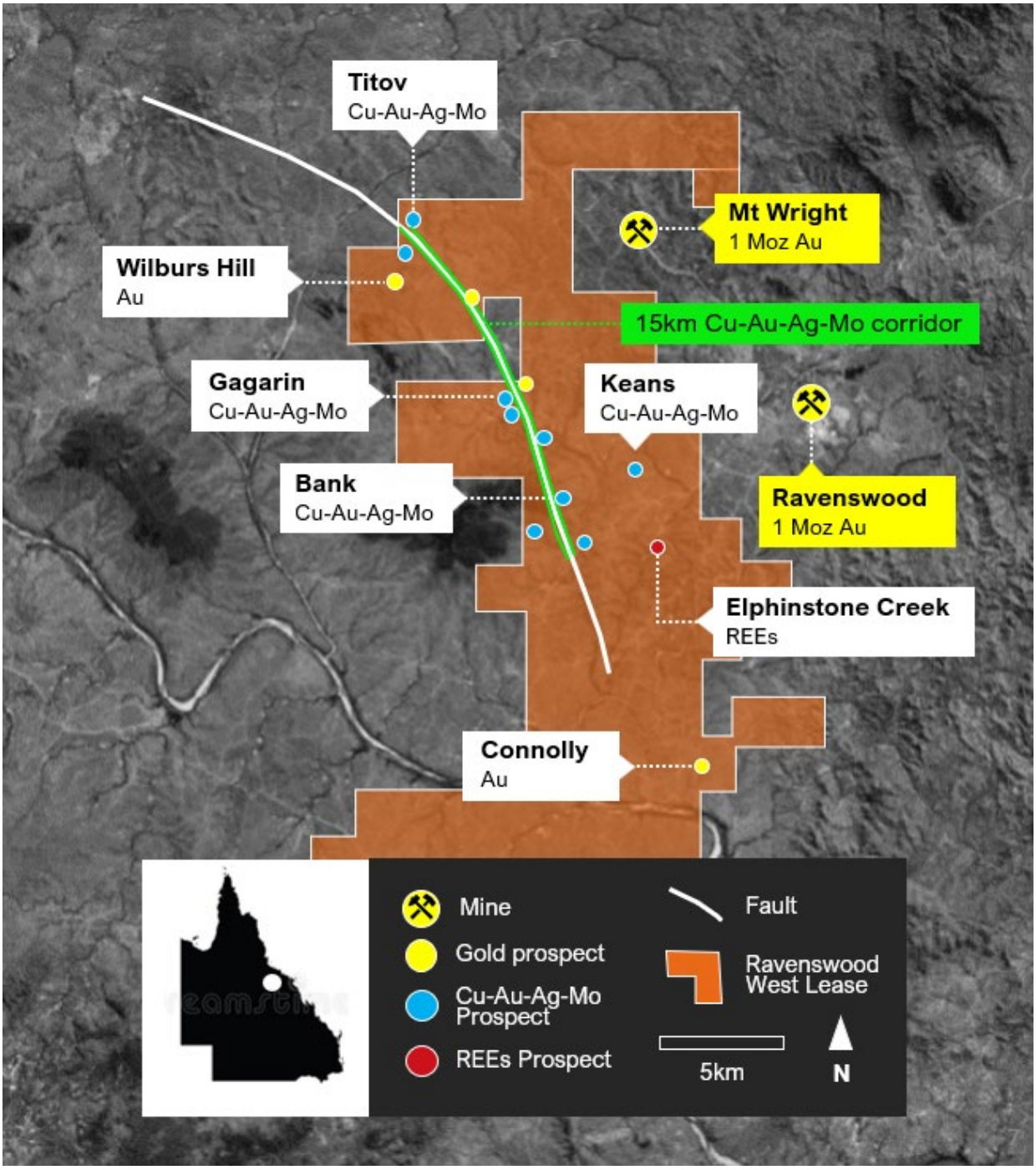


***Figure 1**. Ravenswood West Project showing major prospects in close proximity to Queensland's largest gold mine, Ravenswood, and Mt Wright gold mine .*

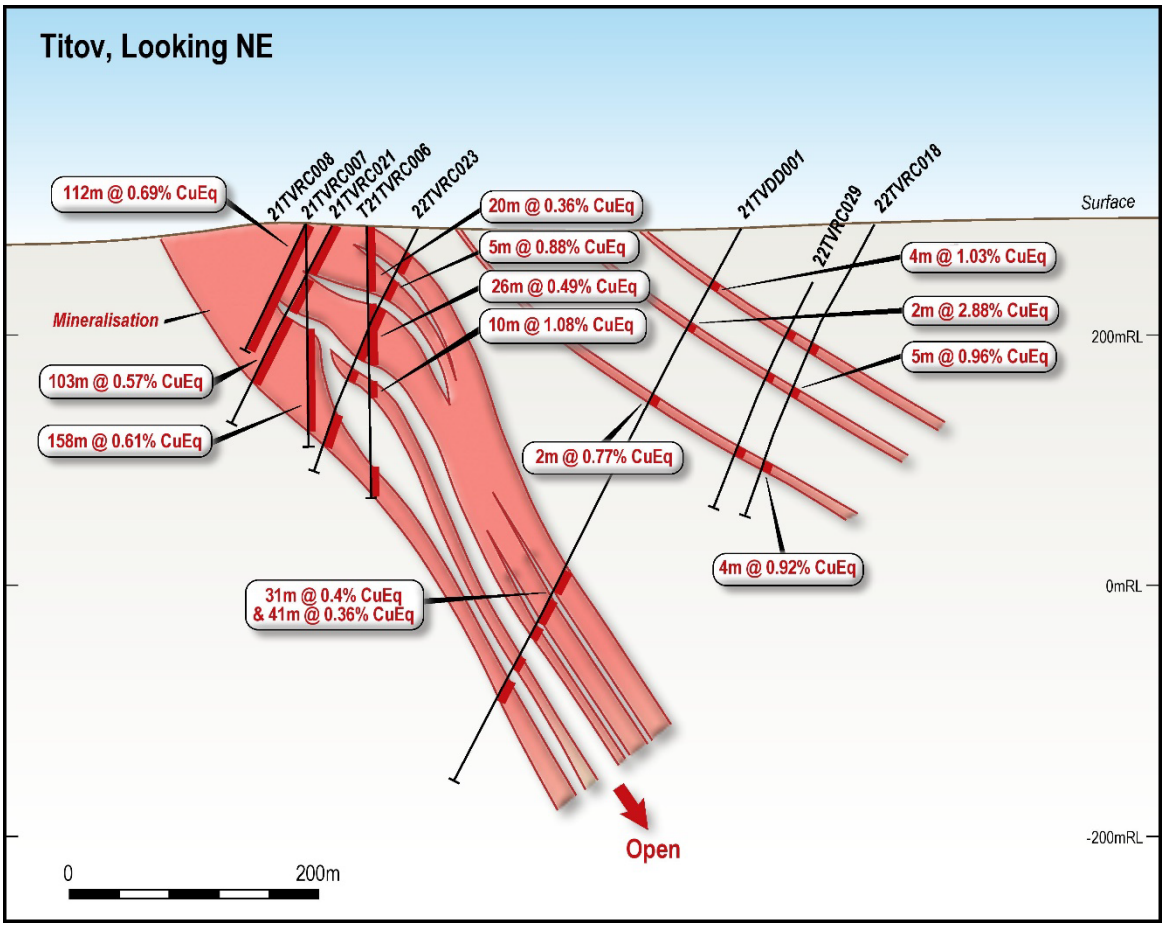


Figure 2. Cross section through the Titov prospect at Sunshine Gold's Ravenswood West Project.

Connolly gold prospect shows potential to be large scale and high-grade

Recent soil sampling at the Connolly gold prospect, 15km south of the Ravenswood Gold Mine and in the north of the Dreghorn trend, has defined a large-scale 1.8km x 2.5km >50 ppb Au soil anomaly, with ~15% of samples returning assays >50ppb Au, with a max of 1.47g/t Au.

In addition to scale at Connolly, there is potential for high-grade Ravenswood-style mineralisation, with rock chip results including:

Sample ID	Au g/t	Ag g/t	Pb %
KK22_015	17.15	*pending*	*pending*
KK22_018	9.38	*pending*	*pending*
KK22_023	7.79	*pending*	*pending*
KK22_013	6.47	*pending*	*pending*
KK22_024	3.09	*pending*	*pending*
CY22_017	0.87	243	9.44
CY22_025	2.98	3	0.41
CY22_016	2.17	12	1.22

Prior exploration at Connolly has been minimal. The prospect is located within the Carse o'Gowrie granodiorite, immediately south of the regional Warrawee Fault which offsets the area from Ravenswood by ~10km.

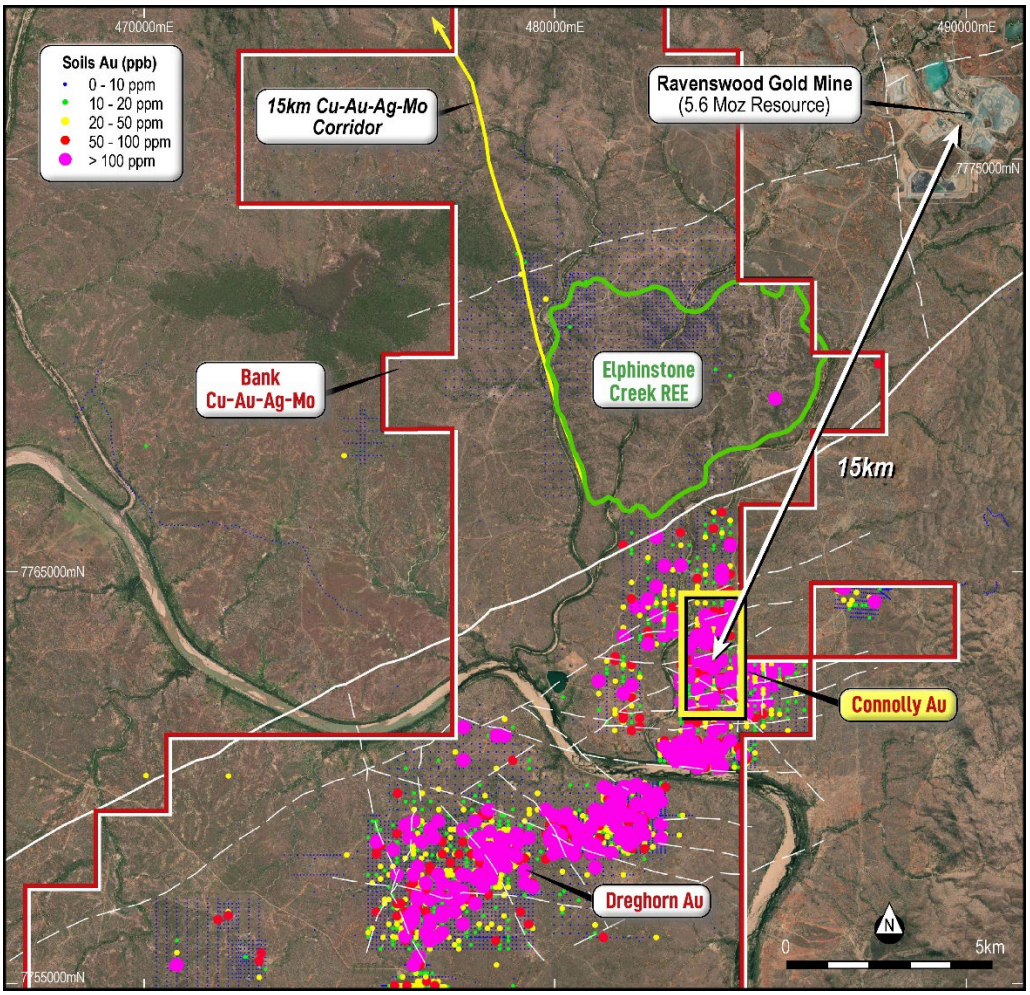


***Figure 3**. Location of Connolly showing proximity to the Ravenswood Gold Mine and the large-scale 1.8 km x 2.5 km Au anomaly.*

The majority of the area is covered with a thin soil veneer. Where outcrop exists, a number of shallowly dipping quartz veins have been exploited by historical workings.

Mapping and contouring of the anomaly indicate the Au is oriented in two preferential trends – to the east-northeast and northwest. The strongest Au in soil is in the east and south of the anomaly, with a zonation from higher Pb on the peripheries grading to higher Au, Sb and As in the core of the anomaly.

Exploration was first reported at Connolly through stream sediment sampling by IMC in 1987, where panned concentrates returned assays of up to 779g/t Au and 9.71g/t Au (CR16180). Additional rock chips by IMC included assays of 65.0g/t and 13.9g/t Au (R100040 and R100042). Recent stream sediment sampling by Stavely Minerals in 2017 returned highly elevated assays of up to 7.29g/t Au with follow up rock chips of 36.6g/t Au and 14.8g/t Au (RSL10296 and RSL10345).

***Figure 4**. Rock chip sample (CY22_025) from Connolly showing galena in quartz-veining and grading 2.98 g/t Au.*

Sunshine Gold Managing Director, Dr Damien Keys, said the new exploration results across Ravenswood West added to a compelling picture.

"Ravenswood West is emerging as significant project which is highly prospective for intrusion-related and orogenic gold, porphyry copper, gold, silver, molybdenum, and rare earths elements," Dr Keys said.

"Ongoing exploration has identified a pipeline of quality targets from Titov and Wilbur's Hill in the north down to Connolly in the South where high-grade rock in chip samples suggest similar mineral assemblages, including elevated lead, to that seen at the Ravenswood Gold Mine."

Planned activities

Oct 2022:	Drilling of Wilbur's Hill (Au-Ag) target (Ravenswood West)
Nov 2022:	RAB drill transect of Elphinstone Creek REE target (Ravenswood West)
Oct – Dec 2022:	Assay results for Wilbur's Hill and Elphinstone drill programs (Ravenswood West)
2 – 4 Nov 2022:	Attending IMARC, Sydney
11 Nov 2022:	Annual General Meeting
Jan – Feb 2023:	Extensional drilling Triumph Au

Sunshine Gold's Board has authorised the release of this announcement to the market.

For more information, please contact:

Dr Damien Keys
Managing Director
Phone: +61 428 717 466
dkeys@shngold.com.au

Mr Alec Pismiris
Director & Company Secretary
Phone +61 402 212 532
alec@lexconservices.com.au

About Sunshine Gold

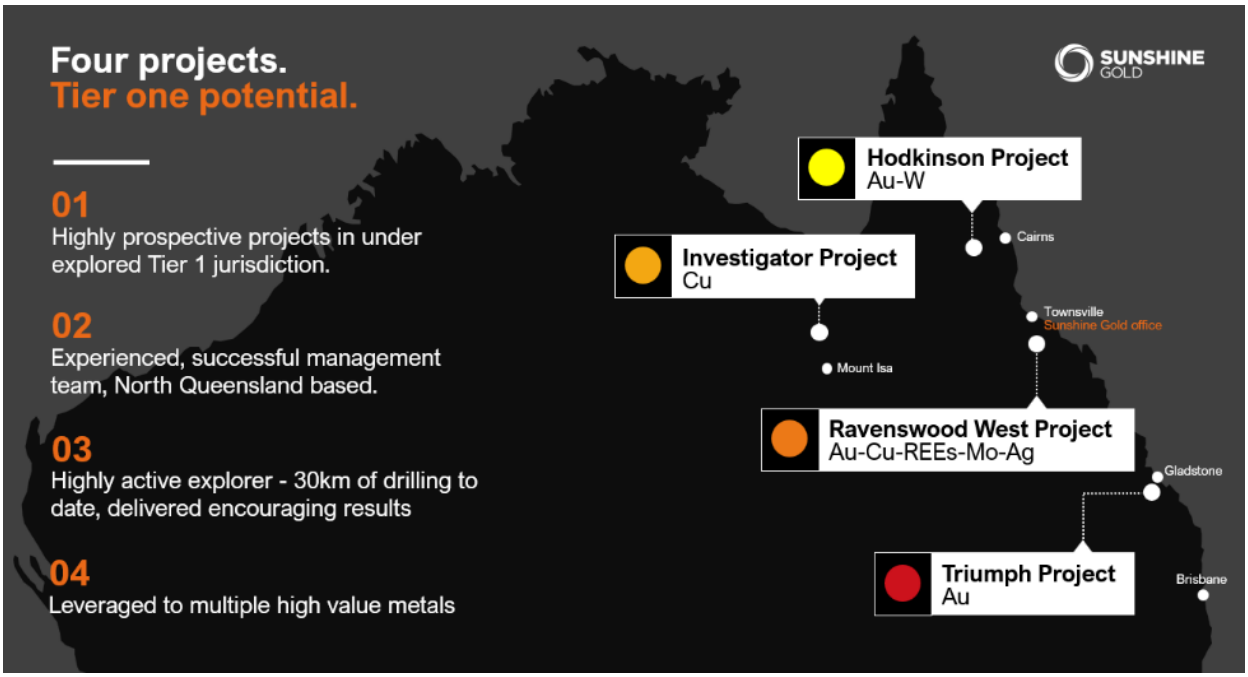
Four projects. Tier one potential. Sunshine Gold is developing four projects with tier one potential in north Queensland over 1,000km^2 in proven districts with high prospectivity for gold, copper, molybdenum, and rare earths elements:

Triumph Project (Au) – More than 85% of Triumph's Inferred Resource of 118,000 ounces @ 2.03g/t Au is less than 100m deep and largely located within 1.25km of strike within a 6km long trend called the Southern Corridor. Recent drilling has confirmed the project's intrusion-related gold system is characteristic of larger mines and deposits in the area including the Mt Morgan Mine and Evolution Mining's Mt Rawdon Mine

Ravenswood West Project (Au-Cu-REEs-Mo-Ag) – Adjacent to Queensland's largest gold mine, Ravenswood, jointly owned by EMR Capital and SGL listed Gold Energy and Resources. The Ravenswood Mine hosts a 9.8Moz resource within a district that has produced over 20Moz of gold historically.

Investigator Project (Cu) - The project is located 100km north of the Mt Isa, home to rich copper-lead-zinc mines that have been worked for almost a century. Investigator is hosted in the same stratigraphy and a similar fault architecture as the Capricorn Copper Mine which is located 12km to the north.

Hodgkinson Project (Au-W) - The project is situated between the Palmer River alluvial gold field (1.35 Moz Au) and the historic Hodgkinson gold field (0.3 Moz Au) and incorporates the Elephant Creek Gold, Peninsula Gold-Copper and Campbell Creek Gold prospects.



Competent Person's Statement

The information in this report that relates to Exploration Results is based on, and fairly represents, information compiled by Mr Matt Price, a Competent Person who is a Member of the Australian Institute of Geoscientists (AIG). Mr Price has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Price consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Exploration Results

Table 1. *Collar and survey data for RC drilling, Titov*

Hole_ID	Max_Depth	East	North	RL	Dip	Azimuth (Grid)
22TVRC009	154	473,436	7,784,350	270	-60	340
22TVRC010	112	473,361	7,784,325	272	-60	340
22TVRC011	154	473,290	7,784,298	273	-60	340
22TVRC012	178	473,213	7,784,268	279	-60	340
22TVRC013	100	472,808	7,784,680	275	-60	350
22TVRC014	100	472,756	7,784,731	273	-60	170
22TVRC015	82	473,238	7,784,618	273	-60	0
22TVRC016	124	473,152	7,784,578	276	-60	0
22TVRC017	154	473,645	7,784,052	275	-60	340
22TVRC018	250	473,406	7,783,874	276	-60	340
22TVRC019	184	472,988	7,784,138	278	-60	340
22TVRC020	166	472,907	7,784,113	277	-60	340
22TVRC021	172	472,830	7,784,088	274	-60	340
22TVRC022	232	472,941	7,784,043	280	-60	340
22TVRC023	214	473,246	7,784,202	281	-60	340
22TVRC024	226	473,309	7,784,229	276	-60	340
22TVRC025	208	473,380	7,784,252	270	-60	340
22TVRC026	250	473,417	7,784,176	283	-60	340
22TVRC027	250	473,316	7,783,853	277	-60	340

**Coordinates are recorded in GDA94, Zone 55.*

Table 2. *Significant intercepts at Titov*

Cut off	HoleID	From	To	Interval	Au gt	Ag gt	Cu %	Mo ppm	Cu_eq%	Comments
0.1 Cu	22TVRC009	15	16	1	0.03	2.6	0.50	385	0.55	
0.1 Cu	22TVRC009	28	29	1	0.01	1.7	0.23	35	0.19	
0.1 Cu	22TVRC009	48	49	1	-0.01	-0.5	0.11	70	0.11	
0.1 Cu	**22TVRC009**	**57**	**60**	**3**	**0.02**	**2.0**	0.20	**2030**	**1.02**	
0.1 Cu	22TVRC009	70	71	1	0.01	4.1	0.22	22	0.18	
0.1 Cu	22TVRC009	75	77	2	0.02	1.3	0.15	235	0.22	
0.1 Cu	22TVRC009	90	92	2	0.01	1.1	0.15	22	0.12	
0.1 Cu	22TVRC009	107	108	1	0.01	-0.5	0.10	3	0.08	
0.1 Cu	22TVRC010	1	17	16	0.01	0.1	0.13	6	0.10	
0.1 Cu	22TVRC010	28	29	1	0.01	0.8	0.11	7	0.08	

Cut off	HoleID	From	To	Interval	Au gt	Ag gt	Cu %	Mo ppm	Cu_eq%	Comments
0.1 Cu	22TVRC010	35	37	2	0.01	0.1	0.16	4	0.12	
0.1 Cu	22TVRC010	42	48	6	0.01	0.8	0.12	24	0.10	
0.1 Cu	22TVRC010	61	62	1	0.01	0.6	0.12	9	0.10	
0.1 Cu	22TVRC010	64	65	1	0.03	1.5	0.20	20	0.16	
0.1 Cu	22TVRC010	69	70	1	0.01	0.7	0.13	21	0.11	
0.1 Cu	22TVRC010	102	103	1	0.01	1.5	0.20	19	0.16	
0.1 Cu	22TVRC010	109	112	3	0.01	1.8	0.20	309	0.28	Open at depth
0.1 Cu	22TVRC011	0	1	1	0.01	0.7	0.15	37	0.13	
0.1 Cu	22TVRC011	6	11	5	0.01	0.2	0.14	12	0.11	
0.1 Cu	**22TVRC011**	**15**	**57**	**42**	**0.03**	**1.2**	**0.31**	**238**	**0.34**	
0.2 Cu	*inc*	*22*	*56*	*34*	*0.03*	*1.5*	0.35	*255*	*0.38*	
0.1 Cu	22TVRC011	60	63	3	0.01	-0.5	0.15	73	0.15	
0.1 Cu	22TVRC011	66	67	1	0.02	0.5	0.15	190	0.19	
0.1 Cu	22TVRC011	71	72	1	0.04	1.2	0.35	405	0.44	
0.1 Cu	22TVRC011	76	79	3	0.02	-0.5	0.10	194	0.16	
0.1 Cu	22TVRC011	104	105	1	0.01	-0.5	0.14	44	0.12	
0.1 Cu	22TVRC011	108	109	1	-0.01	0.5	0.20	9	0.16	
0.1 Cu	22TVRC011	119	129	10	0.01	-0.1	0.14	128	0.16	
0.1 Cu	22TVRC011	140	142	2	0.03	1.0	0.21	1491	0.80	
0.1 Cu	22TVRC011	144	148	4	0.02	0.7	0.23	287	0.30	
0.5 Cu	*inc*	*146*	*147*	*1*	*0.06*	*3.1*	0.63	*1020*	*0.92*	
0.1 Cu	22TVRC011	152	153	1	0.01	1.5	0.10	4	0.08	
0.1 Cu	**22TVRC012**	**0**	**103**	**103**	**0.02**	**0.6**	**0.26**	**861**	**0.57**	
0.5 Cu	*inc*	*92*	*99*	*7*	*0.06*	*4.3*	0.68	*4252*	*2.35*	
0.1 Cu	22TVRC012	109	111	2	0.01	-0.5	0.15	434	0.30	
0.1 Cu	22TVRC012	118	119	1	0.02	0.5	0.19	199	0.23	
0.1 Cu	22TVRC012	123	124	1	0.01	-0.5	0.10	14	0.08	
0.1 Cu	22TVRC012	127	141	14	0.02	0.3	0.16	188	0.20	
0.1 Cu	22TVRC012	146	149	3	0.01	0.7	0.15	54	0.14	
0.1 Cu	22TVRC012	152	158	6	0.01	0.5	0.15	38	0.13	
0.1 Cu	22TVRC012	164	165	1	0.01	0.5	0.12	114	0.14	
0.1 Cu	22TVRC012	172	175	3	0.01	0.0	0.15	8	0.12	
0.1 Cu	22TVRC013	76	77	1	0.10	0.9	0.21	8	0.17	elevated Au
0.1 Cu	22TVRC014									No significant intercepts
0.1 Cu	22TVRC015	6	7	1	0.03	-0.5	0.14	3	0.11	
0.1 Au	22TVRC015	81	82	1	0.18	-0.5	0.00	1	0.00	elevated Au; Open at depth
0.1 Cu	22TVRC016	79	80	1	0.11	1.2	0.25	2	0.19	elevated Au
0.1 Cu	22TVRC016	116	117	1	0.07	-0.5	0.43	14	0.33	
0.1 Cu	22TVRC017	1	2	1	0.01	-0.5	0.11	2	0.08	
0.1 Cu	22TVRC017	10	11	1	0.02	-0.5	0.16	3	0.13	
0.1 Cu	22TVRC017	14	16	2	0.01	0.0	0.14	7	0.11	
0.1 Cu	22TVRC017	21	39	18	0.01	0.2	0.19	37	0.16	
0.1 Cu	22TVRC017	57	61	4	0.03	0.9	0.20	17	0.16	
0.1 Cu	22TVRC017	64	76	12	0.02	0.5	0.13	29	0.11	
0.1 Cu	22TVRC017	83	84	1	0.02	0.9	0.14	5	0.11	
0.1 Cu	22TVRC017	86	87	1	0.01	0.5	0.12	8	0.09	
0.1 Cu	22TVRC017	93	96	3	0.01	-0.2	0.11	52	0.11	
0.1 Cu	22TVRC017	100	101	1	0.01	-0.5	0.14	14	0.12	
0.1 Cu	22TVRC017	112	113	1	0.01	-0.5	0.12	46	0.11	

Cut off	HoleID	From	To	Interval	Au gt	Ag gt	Cu %	Mo ppm	Cu_eq%	Comments
0.1 Cu	22TVRC017	115	123	8	0.01	0.3	0.16	9	0.12	
0.1 Cu	22TVRC017	129	131	2	0.01	0.3	0.20	47	0.17	
0.1 Cu	22TVRC017	133	134	1	0.01	-0.5	0.12	6	0.09	
0.1 Cu	22TVRC017	135	136	1	0.01	-0.5	0.13	4	0.10	
0.1 Cu	22TVRC017	146	147	1	0.01	0.8	0.16	79	0.16	
0.1 Cu	22TVRC017	149	151	2	0.01	0.4	0.16	42	0.14	
0.1 Cu	22TVRC018	33	34	1	0.01	1.1	0.13	2	0.10	
0.1 Cu	22TVRC018	59	67	8	0.01	1.1	0.12	19	0.10	
0.1 Cu	22TVRC018	104	113	9	0.02	2.1	0.24	201	0.27	
0.1 Cu	22TVRC018	119	133	14	0.01	1.3	0.21	21	0.17	
0.1 Cu	22TVRC018	136	148	12	0.01	1.0	0.14	24	0.12	
0.1 Cu	22TVRC018	155	156	1	0.01	0.8	0.11	42	0.10	
0.1 Cu	22TVRC018	158	160	2	0.01	1.4	0.19	9	0.15	
0.1 Cu	22TVRC018	165	170	5	0.02	0.9	0.25	12	0.19	
0.2 Cu	inc	165	169	4	0.02	1.0	0.27	15	0.21	
0.1 Cu	22TVRC018	175	179	4	0.01	-0.2	0.14	13	-0.12	
0.1 Cu	22TVRC018	182	183	1	0.01	-0.5	0.11	5	0.09	
0.1 Cu	22TVRC018	186	187	1	0.01	0.5	0.12	189	0.17	
0.1 Cu	22TVRC018	190	191	1	0.01	-0.5	0.11	5	0.09	
0.1 Cu	22TVRC018	201	202	1	0.02	2.7	0.35	5340	2.56	
0.1 Mo	22TVRC018	201	206	5	0.00	0.8	0.12	1998	0.95	
0.1 Cu	22TVRC018	204	205	1	0.02	1.7	0.19	2210	1.10	
0.1 Cu	22TVRC018	218	221	3	0.01	0.9	0.11	23	0.09	
0.1 Cu	22TVRC018	224	225	1	0.02	1.7	0.25	196	0.27	
0.1 Cu	**22TVRC018**	**229**	**234**	**5**	**0.08**	**4.6**	**0.97**	**105**	**0.79**	
0.2 Cu	**inc**	**230**	**234**	**4**	**0.10**	**5.5**	**1.16**	**70**	**0.92**	
1.0 Cu	inc	230	231	1	0.33	19.5	4.24	226	3.34	
0.1 Cu	22TVRC018	240	242	2	0.03	1.4	0.19	26	0.15	
0.1 Cu	22TVRC019	3	14	11	0.00	1.1	0.19	135	0.20	
0.1 Cu	22TVRC019	25	29	4	0.01	0.3	0.10	120	0.13	
0.1 Cu	**22TVRC019**	**36**	**81**	**45**	**0.00**	**0.3**	**0.21**	**195**	**0.25**	
0.2 Cu	inc	42	48	6	0.00	1.4	0.29	454	0.42	
0.2 Cu	and	63	73	10	0.00	1.1	0.34	292	0.39	
0.1 Cu	22TVRC019	84	88	4	0.00	0.3	0.25	220	0.28	
0.2 Cu	inc	85	88	3	0.00	0.5	0.27	223	0.30	
0.1 Cu	22TVRC019	91	113	22	0.00	0.2	0.22	62	0.19	
0.2 Cu	inc	93	96	3	0.01	1.5	0.35	136	0.33	
0.2 Cu	and	100	104	4	0.00	0.7	0.27	70	0.24	
0.2 Cu	and	107	111	4	0.01	0.7	0.34	86	0.30	
0.1 Cu	22TVRC019	135	136	1	0.01	-0.5	0.13	11	0.10	
0.1 Cu	22TVRC019	138	139	1	0.01	0.6	0.23	41	0.19	
0.1 Cu	22TVRC019	145	147	2	0.02	-0.5	0.12	3	0.09	
0.1 Cu	22TVRC019	150	151	1	0.02	-0.5	0.12	3	0.09	
0.1 Cu	22TVRC019	154	155	1	0.01	-0.5	0.13	31	0.11	
0.1 Cu	22TVRC019	161	162	1	0.02	-0.5	0.11	9	0.09	
0.1 Cu	22TVRC019	166	171	5	0.03	1.0	0.22	3	0.17	
0.1 Cu	22TVRC019	174	175	1	0.01	-0.5	0.11	11	0.09	
0.1 Cu	22TVRC020	0	1	1	0.01	-0.5	0.12	8	0.10	
0.1 Cu	22TVRC020	4	5	1	0.01	-0.5	0.10	5	0.08	

Cut off	HoleID	From	To	Interval	Au gt	Ag gt	Cu %	Mo ppm	Cu_eq%	Comments
0.1 Cu	**22TVRC020**	**23**	**33**	**10**	**0.03**	**0.7**	**0.39**	**309**	**0.43**	
0.2 Cu	*inc*	*24*	*29*	*5*	*0.04*	*1.2*	*0.57*	*369*	*0.59*	
0.1 Cu	**22TVRC020**	**42**	**44**	**2**	**0.08**	**4.7**	**0.40**	**3850**	**1.96**	
0.1 Cu	22TVRC020	53	57	4	0.01	0.2	0.18	557	0.37	
0.1 Cu	**22TVRC020**	**60**	**80**	**20**	**0.01**	**0.3**	**0.20**	**149**	**0.22**	
0.2 Cu	*inc*	*60*	*69*	*9*	*0.01*	*0.6*	*0.26*	*224*	*0.30*	
0.2 Cu	*and*	*72*	*75*	*3*	*0.01*	*0.8*	*0.24*	*184*	*0.26*	
0.1 Cu	22TVRC020	96	103	7	-0.01	-0.2	0.17	20	0.14	
0.1 Cu	22TVRC021	0	8	8	0.02	-0.5	0.13	8	0.10	
0.1 Cu	22TVRC021	23	24	1	0.01	-0.5	0.25	15	0.20	
0.1 Cu	22TVRC021	32	41	9	0.01	-0.2	0.17	37	0.14	
0.1 Cu	22TVRC021	44	47	3	0.01	0.2	0.19	88	0.18	
0.1 Cu	22TVRC021	51	59	8	0.01	0.1	0.15	329	0.26	
0.1 Cu	22TVRC021	61	66	5	0.01	-0.1	0.15	106	0.16	
0.1 Cu	22TVRC021	69	76	7	0.00	-0.2	0.11	193	0.17	
0.1 Cu	22TVRC021	78	80	2	0.01	1.0	0.28	108	0.26	
0.1 Cu	22TVRC021	162	168	6	0.09	1.3	0.32	8	0.25	
1.0 Cu	inc	164	165	1	0.42	6.8	1.45	18	1.11	elevated Au
0.1 Cu	**22TVRC022**	**1**	**38**	**37**	**0.03**	**1.2**	**0.39**	**22**	0.31	
0.2 Cu	**inc**	**15**	**31**	**16**	**0.06**	**2.8**	**0.64**	**25**	0.50	
0.5 Cu	**inc**	**15**	**16**	**1**	**0.07**	**2.9**	**0.53**	**11**	0.41	
0.5 Cu	**and**	**25**	**30**	**5**	**0.11**	**5.1**	**1.40**	**30**	1.08	
0.2 Cu	also inc	34	37	3	0.03	1.3	0.36	93	0.32	
0.1 Cu	22TVRC022	46	58	12	0.02	0.5	0.26	47	0.22	
0.2 Cu	inc	50	55	5	0.03	1.5	0.44	79	0.37	
0.5 Cu	inc	53	54	1	0.06	2.6	0.77	12	0.60	
0.1 Cu	22TVRC022	61	62	1	0.01	0.5	0.17	3	0.13	
0.1 Cu	22TVRC022	70	71	1	0.01	0.8	0.12	4	0.10	
0.1 Cu	22TVRC022	77	79	2	0.02	1.3	0.13	33	0.11	
0.1 Cu	22TVRC022	88	89	1	-0.01	0.6	0.11	5	0.09	
0.1 Cu	22TVRC022	93	104	11	0.01	-0.1	0.12	130	0.14	
0.1 Cu	22TVRC022	111	112	1	0.01	-0.5	0.23	11	0.18	
0.1 Cu	22TVRC022	115	121	6	0.01	1.0	0.21	610	0.42	
0.2 Cu	inc	115	120	5	0.01	1.0	0.21	718	0.47	
0.1 Cu	22TVRC022	123	124	1	-0.01	-0.5	0.11	71	0.12	
0.1 Cu	22TVRC022	140	149	9	0.01	1.0	0.25	97	0.23	
0.2 Cu	inc	140	148	8	0.01	1.2	0.26	106	0.25	
0.1 Cu	22TVRC022	160	162	2	0.00	0.3	0.20	3	0.16	
0.1 Cu	22TVRC022	167	168	1	-0.01	1.0	0.32	10	0.25	
0.1 Cu	22TVRC022	171	176	5	0.01	2.4	0.29	78	0.26	
0.5 Cu	inc	173	174	1	0.01	12.6	0.90	64	0.72	
0.1 Cu	22TVRC022	180	181	1	-0.01	0.7	0.16	19	0.13	
0.1 Cu	22TVRC022	209	210	1	0.01	0.8	0.12	56	0.12	
0.1 Cu	22TVRC022	217	218	1	0.01	0.5	0.15	9	0.12	
0.1 Cu	22TVRC022	223	224	1	0.01	-0.5	0.17	9	0.14	
0.1 Cu	22TVRC022	227	228	1	0.02	0.8	0.13	2	0.10	
BULK	*22TVRC023*	*0*	*214*	*214*	*0.01*	*-0.1*	*0.11*	*273*	0.21	
0.1 Cu	22TVRC023	2	7	5	0.02	-0.3	0.12	30	0.11	
0.1 Cu	22TVRC023	13	15	2	0.02	0.9	0.15	420	0.30	

Cut off	HoleID	From	To	Interval	Au gt	Ag gt	Cu %	Mo ppm	Cu_eq%	Comments
0.1 Cu	22TVRC023	21	23	2	0.01	0.2	0.17	651	0.41	
500 Mo	22TVRC023	21	26	5	0.00	0.0	0.11	1852	0.88	
0.1 Cu	22TVRC023	27	28	1	0.01	-0.5	0.11	108	0.13	
0.1 Cu	22TVRC023	33	35	2	0.03	6.0	0.91	1050	1.15	
1.0 Cu	inc	33	34	1	0.04	11.1	1.57	1930	2.03	
0.1 Cu	22TVRC023	44	45	1	0.02	0.7	0.16	35	0.14	
500 Mo	22TVRC023	46	51	5	0.02	0.3	0.16	710	0.43	
0.1 Cu	22TVRC023	47	51	4	0.02	0.5	0.18	672	0.42	
0.1 Cu	22TVRC023	54	55	1	0.02	0.6	0.15	27	0.13	
0.1 Cu	**22TVRC023**	**58**	**62**	**4**	**0.03**	**0.6**	**0.23**	**868**	**0.55**	
0.1 Cu	22TVRC023	65	75	10	0.02	0.2	0.15	410	0.29	
0.1 Cu	22TVRC023	78	94	16	0.03	1.1	0.20	522	0.37	
0.2 Cu	inc	79	87	8	0.03	1.7	0.26	637	0.48	
0.1 Cu	**22TVRC023**	**97**	**109**	**12**	**0.02**	**0.5**	**0.14**	**1168**	**0.61**	
500 Mo	22TVRC023	99	106	7	0.02	1.4	0.16	2178	1.06	
0.1 Cu	22TVRC023	114	116	2	0.02	-0.5	0.14	32	0.12	
0.1 Cu	22TVRC023	120	124	4	0.02	0.4	0.15	487	0.33	
0.1 Cu	22TVRC023	127	128	1	0.01	-0.5	0.12	175	0.16	
0.1 Cu	22TVRC023	129	130	1	0.01	-0.5	0.10	17	0.08	
0.1 Cu	22TVRC023	148	149	1	0.01	-0.5	0.12	40	0.11	
0.1 Cu	22TVRC023	155	156	1	0.01	-0.5	0.11	48	0.11	
0.1 Cu	22TVRC023	159	163	4	0.01	-0.5	0.11	171	0.16	
0.1 Cu	22TVRC023	168	185	17	0.02	0.2	0.16	261	0.24	
0.1 Cu	22TVRC023	190	194	4	0.01	-0.2	0.11	39	0.10	
0.1 Cu	22TVRC023	197	212	15	0.02	-0.4	0.13	13	0.11	
0.1 Cu	22TVRC024	0	2	2	0.03	0.1	0.13	52	0.12	
0.1 Cu	22TVRC024	7	12	5	0.01	-0.1	0.11	27	0.10	
0.1 Cu	22TVRC024	24	42	18	0.02	0.8	0.20	106	0.20	
0.2 Cu	inc	31	38	7	0.02	1.4	0.29	40	0.24	
0.1 Cu	22TVRC024	48	49	1	0.02	0.7	0.14	6	0.11	
0.1 Cu	22TVRC024	52	67	15	0.01	1.0	0.19	270	0.26	
0.2 Cu	inc	55	61	6	0.02	1.3	0.25	399	0.36	
0.1 Cu	22TVRC024	72	73	1	0.02	0.8	0.17	110	0.18	
0.1 Cu	22TVRC024	77	84	7	0.02	0.6	0.17	122	0.18	
0.1 Cu	**22TVRC024**	**91**	**154**	**63**	**0.02**	**0.9**	**0.20**	**91**	**0.19**	
0.2 Cu	inc	99	107	8	0.03	1.3	0.26	212	0.29	
0.2 Cu	and	115	119	4	0.02	1.3	0.22	69	0.20	
0.2 Cu	and	134	150	16	0.03	1.6	0.29	168	0.29	
0.1 Cu	22TVRC024	157	159	2	0.02	0.5	0.12	13	0.10	
0.1 Cu	22TVRC024	165	167	2	0.01	0.1	0.13	56	0.13	
0.1 Cu	22TVRC024	172	179	7	0.02	0.0	0.15	28	0.12	
0.2 Cu	inc	174	177	3	0.03	0.7	0.21	49	0.18	
0.1 Cu	22TVRC024	187	193	6	0.02	1.6	0.16	557	0.37	
0.1 Cu	22TVRC024	212	214	2	0.01	0.8	0.14	297	0.24	
0.1 Cu	22TVRC024	224	225	1	-0.01	1.4	0.20	21	0.16	
0.1 Cu	22TVRC025	1	5	4	0.02	-0.3	0.12	16	0.10	
0.1 Cu	22TVRC025	12	21	9	0.01	0.2	0.14	14	0.11	
0.1 Cu	22TVRC025	25	28	3	0.01	-0.1	0.10	139	0.14	
0.1 Cu	22TVRC025	30	35	5	0.04	1.9	0.43	340	0.48	

Cut off	HoleID	From	To	Interval	Au gt	Ag gt	Cu %	Mo ppm	Cu_eq%	Comments
0.2 Cu	**inc**	**30**	**33**	**3**	**0.06**	**2.6**	**0.61**	**551**	**0.70**	
0.1 Cu	22TVRC025	41	42	1	0.01	-0.5	0.11	27	0.09	
0.1 Cu	22TVRC025	50	51	1	0.02	0.8	0.10	4	0.08	
0.1 Cu	**22TVRC025**	**53**	**57**	**4**	**0.03**	**3.3**	**0.57**	**355**	**0.59**	
0.1 Cu	22TVRC025	60	61	1	0.01	0.5	0.10	4	0.08	
0.1 Cu	22TVRC025	65	67	2	0.02	1.2	0.13	6	0.10	
0.1 Cu	22TVRC025	71	72	1	-0.01	1.7	0.26	41	0.21	
0.1 Cu	22TVRC025	75	79	4	0.02	0.9	0.15	81	0.15	
0.1 Cu	22TVRC025	81	82	1	0.01	0.6	0.11	13	0.09	
0.1 Cu	22TVRC025	84	86	2	0.01	0.1	0.11	7	0.09	
0.1 Cu	22TVRC025	88	92	4	0.02	1.1	0.19	18	0.15	
0.1 Cu	22TVRC025	95	97	2	0.01	0.3	0.13	9	0.10	
0.1 Cu	22TVRC025	99	104	5	0.02	0.8	0.17	28	0.14	
0.1 Cu	22TVRC025	109	110	1	0.01	1.0	0.15	21	0.12	
0.1 Cu	22TVRC025	117	130	13	0.01	1.1	0.15	35	0.13	
0.1 Cu	22TVRC025	133	135	2	0.02	1.2	0.19	12	0.15	
0.1 Cu	22TVRC025	141	174	33	0.02	0.8	0.15	80	0.15	
0.2 Cu	inc	147	152	5	0.03	1.8	0.27	245	0.31	
0.1 Cu	22TVRC025	177	178	1	0.01	0.6	0.10	55	0.10	
0.1 Cu	22TVRC025	197	198	1	0.01	-0.5	0.11	27	0.10	
0.1 Cu	22TVRC026	6	17	11	0.01	0.7	0.13	28	0.11	
0.1 Cu	22TVRC026	21	22	1	0.01	-0.5	0.12	45	0.11	
0.1 Cu	22TVRC026	26	27	1	0.02	0.8	0.20	93	0.19	
0.1 Cu	22TVRC026	36	42	6	0.00	0.2	0.15	101	0.16	
0.1 Cu	22TVRC026	52	53	1	0.01	0.5	0.22	45	0.19	
0.1 Cu	22TVRC026	57	58	1	0.01	-0.5	0.13	30	0.11	
0.1 Cu	22TVRC026	67	68	1	0.01	1.1	0.10	9	0.08	
0.1 Cu	22TVRC026	82	83	1	0.01	0.7	0.12	69	0.12	
0.1 Cu	22TVRC026	89	90	1	0.01	0.9	0.13	54	0.12	
0.1 Cu	22TVRC026	101	102	1	0.14	2.5	0.32	797	0.59	Elevated Au
0.1 Cu	22TVRC026	104	105	1	0.01	1.3	0.13	54	0.13	
0.1 Cu	22TVRC026	130	131	1	0.01	-0.5	0.10	8	0.08	
0.1 Cu	22TVRC026	136	137	1	0.01	-0.5	0.11	59	0.11	
0.1 Cu	22TVRC026	140	141	1	0.01	0.5	0.12	23	0.10	
0.1 Cu	22TVRC026	151	152	1	0.01	0.5	0.13	4	0.10	
0.1 Cu	22TVRC026	167	188	21	0.01	0.1	0.13	19	0.11	
0.1 Cu	22TVRC026	191	204	13	0.02	1.0	0.19	48	0.17	
0.2 Cu	inc	191	201	10	0.02	1.2	0.21	47	0.18	
0.1 Cu	22TVRC026	206	210	4	0.02	0.4	0.20	36	0.16	
0.1 Cu	22TVRC026	216	218	2	0.02	1.3	0.16	9	0.13	
0.1 Cu	22TVRC026	223	224	1	0.01	1.2	0.18	16	0.14	
0.1 Cu	22TVRC026	230	234	4	0.01	0.9	0.12	26	0.10	
0.1 Cu	22TVRC026	239	240	1	0.02	2.1	0.19	45	0.16	
0.1 Cu	22TVRC026	247	250	3	0.01	-0.2	0.12	10	0.09	Open at depth
0.1 Mo	22TVRC026	57	58	1	-0.01	-0.5	0.05	5860	2.56	
0.1 Mo	22TVRC026	68	69	1	-0.01	-0.5	0.02	1320	0.58	
0.1 Mo	22TVRC026	91	92	1	-0.01	0.7	0.03	3040	1.33	
0.1 Mo	22TVRC026	105	106	1	-0.01	-0.5	0.03	1060	0.48	
0.1 Cu	22TVRC027	47	48	1	0.01	0.9	0.11	10	0.09	

Cut off	HoleID	From	To	Interval	Au gt	Ag gt	Cu %	Mo ppm	Cu_eq%	Comments
0.1 Cu	22TVRC027	49	51	2	0.01	0.7	0.12	4	0.09	
0.1 Cu	22TVRC027	57	60	3	0.01	1.1	0.11	5	0.08	
0.1 Cu	22TVRC027	68	70	2	0.01	1.2	0.14	16	0.11	
0.1 Cu	22TVRC027	76	77	1	0.01	1.0	0.13	7	0.10	
0.1 Cu	22TVRC027	79	80	1	0.01	1.4	0.15	9	0.12	
0.1 Cu	22TVRC027	85	87	2	0.01	1.1	0.14	16	0.12	
0.1 Cu	22TVRC027	91	94	3	0.01	1.4	0.20	19	0.16	
0.1 Cu	22TVRC027	104	108	4	0.01	0.6	0.12	7	0.09	
0.1 Cu	22TVRC027	113	118	5	0.01	-0.3	0.11	11	0.08	
0.1 Cu	22TVRC027	121	122	1	0.01	-0.5	0.10	3	0.08	
0.1 Cu	22TVRC027	124	125	1	0.01	0.6	0.11	49	0.11	
0.1 Cu	22TVRC027	126	127	1	0.01	0.7	0.11	9	0.09	
0.1 Cu	22TVRC027	128	129	1	0.01	0.9	0.12	63	0.12	
0.1 Cu	22TVRC027	137	138	1	0.01	0.6	0.10	4	0.08	
0.1 Cu	22TVRC027	139	140	1	0.01	-0.5	0.10	6	0.08	
0.1 Cu	22TVRC027	143	146	3	0.01	0.8	0.13	40	0.12	
0.1 Cu	22TVRC027	148	149	1	0.01	0.6	0.10	6	0.08	
0.1 Cu	22TVRC027	151	159	8	0.01	0.4	0.13	12	0.10	
0.1 Cu	22TVRC027	175	176	1	0.01	1.1	0.14	43	0.13	
0.1 Cu	22TVRC027	180	181	1	0.01	0.6	0.14	21	0.11	
0.1 Cu	22TVRC027	183	184	1	0.01	0.6	0.13	98	0.14	
0.1 Cu	22TVRC027	186	187	1	0.01	0.8	0.15	3	0.12	
0.1 Cu	22TVRC027	194	195	1	0.02	1.2	0.10	54	0.10	
0.1 Cu	22TVRC027	196	197	1	0.01	0.5	0.10	19	0.09	
0.1 Cu	22TVRC027	199	205	6	0.02	1.3	0.17	91	0.17	
0.1 Cu	22TVRC027	231	232	1	0.02	1.5	0.22	116	0.22	
0.1 Cu	22TVRC027	237	239	2	0.01	0.4	0.11	272	0.20	
0.1 Cu	22TVRC027	243	244	1	0.02	0.5	0.10	160	0.15	
0.1 Cu	22TVRC027	246	250	4	0.01	0.6	0.11	279	0.20	Open at depth

Table 3. *Rock chip samples from Connolly Au prospect*

Sample	Type	East	North	Au g/t	Ag g/t	Cu %	Pb %
CY22_001	Outcrop	481,976	7,765,272	0.01	0.03	0.00	0.00
CY22_002	Outcrop	481,970	7,765,285	0.01	1.64	0.98	0.00
CY22_003	Outcrop	481,953	7,765,326	0.00	0.1	0.00	0.00
CY22_004	Outcrop	481,652	7,765,631	0.01	0.12	0.01	0.00
CY22_005	Outcrop	481,811	7,765,299	0.02	3.29	0.05	0.01
CY22_006	Float	482,135	7,765,538	0.16	5.12	2.40	0.00
CY22_007	Float	482,188	7,765,512	0.1	5.05	3.97	0.00
CY22_008	Float	482,177	7,765,413	0.11	1.94	1.37	0.00
CY22_009	Float	481,786	7,764,871	0.13	11.45	3.00	0.00
CY22_010	Float	481,658	7,764,882	0.01	3.72	1.42	0.00
CY22_011	Outcrop	481,688	7,764,819	0.16	0.29	0.05	0.01
CY22_012	Mullock	482,309	7,764,200	0.04	0.85	0.22	0.01
CY22_013	Outcrop	481,378	7,763,944	0.07	10.85	1.59	0.00
CY22_014	Float	482,158	7,764,194	0.02	2.72	0.72	0.00
CY22_015	Float	482,103	7,764,238	0.07	8.02	0.03	0.85

Sample	Type	East	North	Au g/t	Ag g/t	Cu %	Pb %
CY22_016	Mullock	482,181	7,764,117	2.17	12	0.11	1.22
CY22_017	Mullock	482,173	7,764,113	0.87	243	0.28	9.44
CY22_018	Mullock	482,177	7,764,101	0.28	2.63	0.02	0.34
CY22_019	Float	482,363	7,764,311	0.11	2.76	0.11	0.29
CY22_020	Mullock	482,524	7,764,356	0.16	30	0.78	0.85
CY22_021	Outcrop	482,244	7,764,213	0.07	7.68	0.02	1.44
CY22_022	Outcrop	482,397	7,764,167	0.37	5.35	0.02	0.49
CY22_023	Outcrop	482,366	7,764,219	0.06	4.58	0.12	0.25
CY22_024	Mullock	482,461	7,763,689	0.10	0.56	0.01	0.10
CY22_025	Float	482,436	7,763,682	2.98	3.25	0.05	0.41
CY22_026	Outcrop	481,532	7,763,768	0.22	*pending*		
CY22_027	Outcrop	481,876	7,763,857	0.00	*pending*		
CY22_028	Outcrop	481,477	7,763,572	0.03	*pending*		
KK22_001	Outcrop	482,317	7,762,271	0.02	*pending*		
KK22_002	Outcrop	482,229	7,762,879	0.00	*pending*		
KK22_003	Outcrop	482,516	7,762,734	0.00	*pending*		
KK22_004	Outcrop	482,495	7,762,700	0.01	*pending*		
KK22_005	Float	482,248	7,762,439	0.76	*pending*		
KK22_006	Float	481,915	7,761,713	*pending*			
KK22_007	Mullock	481,995	7,761,675	0.85	*pending*		
KK22_008	Mullock	482,182	7,761,804	0.79	*pending*		
KK22_009	Mullock	482,376	7,761,897	0.02	*pending*		
KK22_010	Mullock	482,368	7,761,901	0.69	*pending*		
KK22_011	Mullock	482,370	7,761,924	*pending*			
KK22_012	Mullock	482,475	7,761,983	*pending*			
KK22_013	Outcrop	482,491	7,761,724	6.47	*pending*		
KK22_014	Mullock	482,489	7,761,722	0.01	*pending*		
KK22_015	Mullock	482,495	7,761,733	17.15	*pending*		
KK22_016	Float	482,516	7,761,042	1.14	*pending*		
KK22_017	Outcrop	481,650	7,761,840	0.04	*pending*		
KK22_018	Float	481,657	7,761,899	9.38	*pending*		
KK22_019	Float	481,324	7,761,920	0.15	*pending*		
KK22_020	Float	481,367	7,761,901	0.11	*pending*		
KK22_021	Outcrop	481,281	7,761,911	0.10	*pending*		
KK22_022	Outcrop	481,318	7,761,896	0.09	*pending*		
KK22_023	Float	481,239	7,761,983	7.79	*pending*		
KK22_024	Mullock	481,326	7,761,700	3.09	*pending*		
KK22_025	Outcrop	481,523	7,761,077	0.69	*pending*		
KK22_026	Outcrop	481,518	7,761,083	0.19	*pending*		

Table 4. Soil sampling data where Au ppb is >50ppb

Sample ID	East	North	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm
257752	7,765,600	481,600	60	0.16	77	25
257774	7,763,397	481,599	130	0.06	64	16
257799	7,764,300	481,800	71	0.11	71	19
257867	7,764,300	482,200	180	0.18	82	122
257875	7,763,503	482,197	76	0.12	63	32
257876	7,763,387	482,222	69	0.06	69	14
257878	7,763,202	482,200	114	0.10	74	14
257886	7,765,801	482,400	267	0.03	54	15
257898	7,764,599	482,402	497	0.07	47	16
257905	7,763,902	482,400	165	0.09	39	28
257927	7,765,102	482,599	225	0.04	116	13
257944	7,763,407	482,591	285	0.07	53	16
257971	7,764,100	482,802	70	0.06	78	17
257974	7,763,801	482,805	104	0.06	72	13
257976	7,763,601	482,797	911	0.23	69	43
257977	7,763,502	482,800	474	0.06	62	15
257987	7,765,913	482,992	89	0.24	99	32
257995	7,765,115	482,999	114	0.04	57	16
258008	7,763,803	483,000	62	0.04	49	14
258010	7,763,601	483,004	158	0.05	65	13
258048	7,763,203	483,200	140	0.12	94	25
258049	7,763,102	483,201	306	0.10	57	17
258066	7,764,795	483,396	57	0.06	69	22
258079	7,763,493	483,393	75	0.08	79	14
258080	7,763,403	483,388	973	0.07	75	12
258081	7,763,302	483,402	193	0.10	68	13
258104	7,764,398	483,600	77	0.05	120	36
258109	7,763,902	483,599	264	0.04	80	13
258110	7,763,804	483,601	198	0.05	74	17
258113	7,763,495	483,599	546	0.11	96	22
258114	7,763,403	483,602	65	0.04	69	11
258116	7,763,206	483,609	328	0.07	73	13
258122	7,766,004	483,793	56	0.23	82	33
258142	7,763,999	483,797	80	0.04	56	12
258144	7,763,800	483,803	354	0.05	64	14
258149	7,763,301	483,801	138	0.04	94	12
258151	7,763,093	483,799	85	0.10	63	16
258152	7,766,401	483,999	85	0.07	104	19
258166	7,764,996	484,005	126	0.50	119	489
258167	7,764,902	483,999	311	0.10	83	30
258168	7,764,800	484,001	335	0.40	159	242
258171	7,764,502	483,996	70	0.06	44	16
258172	7,764,397	484,003	72	0.36	57	10

Sample ID	East	North	Au_ppb	Ag_ppm	Cu_ppm	Pb_ppm
258176	7,763,997	484,001	100	0.07	46	14
258177	7,763,904	484,002	59	0.03	68	17
258178	7,763,805	484,000	90	0.15	60	19
258179	7,763,697	483,999	104	0.09	86	11
258181	7,763,502	483,999	113	0.04	39	16
258184	7,763,202	484,001	160	0.06	63	16
258193	7,765,701	484,197	68	0.10	34	13
258194	7,765,603	484,200	129	0.12	29	11
258201	7,764,900	484,195	57	0.07	91	15
258205	7,764,500	484,198	75	0.13	71	49
258209	7,764,104	484,199	704	0.15	111	158
258210	7,763,995	484,200	57	0.07	70	14
258212	7,763,804	484,201	1470	1.23	283	1140
258215	7,763,501	484,201	50	0.24	81	30
258216	7,763,403	484,201	97	0.06	54	13
258223	7,762,302	480,998	181	0.05	57	14
258256	7,762,899	481,399	67	0.06	60	29
258257	7,762,802	481,398	61	0.06	61	15
258284	7,762,001	481,600	102	0.07	43	13
258289	7,761,508	481,602	67	0.06	58	24
258290	7,761,397	481,599	72	0.04	56	16
258296	7,762,698	481,802	64	0.08	91	27
258301	7,762,201	481,805	119	0.05	88	19
258304	7,761,901	481,799	59	0.18	78	21
258312	7,761,101	481,800	65	0.05	60	28
258328	7,761,400	482,000	61	0.33	89	77
258330	7,761,201	482,000	53	0.08	116	63

Section 1 - Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	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.*	**GEOCHEMICAL SAMPLING** IMC – Stream sediment samples were collected from hard sediment on the steam bed and then sieved to -80 mesh. Pan concentrates were collected from similar horizons within streams and consisted of 15kg samples which were panned down to 50g and sent for analysis. IMC utilised AMDEL laboratory in Townsville using analysis method A2/4 for gold and A1/2 for base metals. SVY – Stream sediment samples were taken from a reasonably straight section of the stream away from turbulent flow. The surface sand was removed and a sample was taken from a depth of between 5 and 20cm. The sample was sieved with a 4mm mesh to remove the larger fraction and placed in labelled calico bags. The samples were then sieved to -80 mesh, with >100g placed in a paper sample bag. SHN – Soil samples were collected from between 5 – 15cm below existing surface and sieved to -80 mesh size. Approximately 100g of sample placed in a paper sample bag and transported by SHN to the laboratory for assay. Rock chips were selected by the Geologist and typically around 1kg sample weight. **DRILLING** SVY – Diamond core drilling was used to obtain samples at Connolly. Drill holes collared in HQ-sized core and reduced to NQ-sized core in competent ground. No official records have been viewed, but samples were selectively cut in half (and rarely as quarter core) and analysed using standard analytical procedures. SHN – Reverse circulation (RC) drilling was used to obtain samples for geological logging and assaying. All holes were assayed in their entirety as individual 1m samples. Individual samples were collected from the cyclone using an 87.5/12.5 rig-mounted splitter. Once received by the laboratory, sample preparation consisted of the drying of the sample, the entire sample being crushed to 70% passing 6mm and pulverised to 85% passing 75 microns in a ring and puck pulveriser. RC samples were assayed for gold by 50g fire assay with OES finish and multielement analysis was completed using an 4AD ICP-OES analysis.
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.).*	**DRILLING** SVY – Holes were collared using HQ-sized core, cased off, and completed in NQ-sized core. SHN – All holes were collared using an 8" bit open hole to 10m, and then collared using 150mm PVC and drilled using Reverse Circulation utilising a 5.5" face sampling RC hammer.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.*	**DRILLING** SVY – Drill core recovery was deemed good, with samples averaging 98.2% recovery across the program.

Criteria	Explanation	Commentary
	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.*	SHN – For RC sample recoveries of less than approximately 80% are noted in the geological/sampling log. No such samples were recorded during this drill program. Wet samples are also recorded in the geological/sampling log. Any significant wet zones (>6m) were to be flagged; however, no such zones were identified in the drilling. No relationship has been observed between sample recovery and grade.
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.*	**GEOCHEMICAL SAMPLING** Historical: No geological information was recorded. Sunshine Gold Soils: No geological information has been logged whilst directly taking the soil sample. All samples are ensured they are not collected on top of infrastructure (e.g. historical workings) or from alluvial sources (e.g. creeks). **DRILLING** SVY – All drill holes were geologically logged for lithology, alteration, mineralisation and structure. SHN – All drill holes are geologically logged in full. Geology logs include lithology, alteration, mineralisation, veining and weathering types, styles and intensities. All RC chip trays are photographed. Metallurgical studies were completed at the Titov Main zone in May 2022 and have allowed SHN to report a recoverable Cu equivalent.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.* *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.* *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* *Whether sample sizes are appropriate to the grain size of the material being sampled.*	**GEOCHEMICAL SAMPLING** IMC – Stream sediment samples were sieved to -80 mesh. Sample size was not reported. Panned concentrates consisted of approximately 50g of material sieved from a 15kg bulk sample. Both stream sediments and panned concentrates were sourced from the hard stream sediment material below the loose sand. SVY - Stream sediment samples were taken from a reasonably straight section of the stream away from turbulent flow. The surface sand was removed and a sample was taken from a depth of between 5 and 20cm. The sample was sieved with a 4mm mesh to remove the larger fraction and placed in labelled calico bags. The samples were then sieved to -80 mesh, with >100g placed in a paper sample bag. SHN: Approximately 100g of -80 mesh sieved soil sample is collected. This is deemed representative of the B-Horizon soil as a point location. Laboratory in-house QAQC protocols are solely used. **DRILLING** SVY – No records are provided but is understood drill core was oriented and measured. Select samples were then chosen following geological logging of the core based on visual interpretation. Drill core was then sawn in half with one half kept (whereabouts unknown) and one half sent for assay. For quarter core samples, the half core sample piece was sawn longitudinally in half again prior to being placed into the sample bag, leaving three quarters of sample remaining. Sample QAQC is unknown. SHN – The 1m primary RC samples were obtained using a cyclone mounted 87.5:12.5 riffle splitter. Compressed air was used to clean the splitter after each drill rod. Duplicate samples were taken routinely using a second split off the

Criteria	Explanation	Commentary
		main cyclone for the selected interval. Samples are recorded if dry or wet when collected from the cyclone. QAQC samples (Standards, Duplicates, Blanks) were submitted at a frequency of at least 1 in 10.
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.*	**GEOCHEMICAL SAMPLING** IMC – Utilised assay code A2/4 for gold analysis and A1/2 for base metal analysis. The exact specifications of these analysis methods are unknown. SVY – Exact sample methodology is unknown. Sunshine Gold Soils: Soils were assayed using a 25g charge for Au followed by an aqua regia digestion and analysis using ICP-MS/OES, which is considered appropriate for this style of mineralisation and sample type (Au-TL43). All other elements were assayed using a four-acid digest and ICP-MS/OES finish. **DRILLING** SVY – Sample methodology is unknown. SHN – RC samples were assayed using 50g fire assay with ICP-OES finish for gold which is considered appropriate for this style of mineralisation. Fire assay is considered total assay for gold. Multielement analysis was completed using an 4AD ICP-OES analysis. No geophysical tools, spectrometers or handheld XRF instruments have been used to determine assay results for any elements. Monitoring of results of blanks and standards is conducted regularly. QAQC data is reviewed for bias prior to inclusion in any subsequent Mineral Resource estimate. Au assays were completed as fire assay analysis and screen fire analysis will be contemplated on a suite of high-grade samples at the end of the drill programme if deemed necessary
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*	**GEOCHEMICAL SAMPLING** Historical data has been collected as per the open file reports (located at the GSQ Open Data Portal), namely CR16180 (IMC) and ASX reports for ASX:SVY dated 17th July 2017 and 30th July 2019. Sunshine Gold Soils: Data will be compared to adjacent soil grids to ensure compatibility. **DRILLING** Significant intersections are routinely monitored through review of drill chip and by site visits by the Exploration Manager. Data is verified and checked in Leapfrog software. No drill holes were twinned. Primary data is collected via hard copy documentation and subsequently entered into spreadsheet format. This is then validated and uploaded to a secure external database, which in turn has further validation checks. No adjustments have been applied to assay data and is loaded directly from the laboratory deliverable. Three low grade gold assays (SX40774, SX41747 and SX40863) which are reported in the significant intercepts table are in re-analysis at the time of writing in order to verify their accuracy, although the outcome of this is not deemed to materially affect this report.

Criteria	Explanation	Commentary
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.*	**GEOCHEMICAL SAMPLING** IMC samples are considered approximations and have been registered using available open-file maps. Samples by Stavely Minerals are located as points provided in GDA94, Zone 55 format. Historical rock chips were utilised from the GSQ open-file database. All historical data points should be considered as approximations only. SVY – Samples were collected as points and reported in an internal database in format in GDA94, Zone 55. SHN – Sample locations are located as points using handheld GPS in GDA94, Zone 55 format. **DRILLING** SVY – Collar locations have been recorded in an internal database in GDA94, Zone 55 format. SHN – Drill hole collar locations are initially set out (and reported) using a hand-held GPS with a location error of +/- 3m. All completed holes are capped and marked and will be accurately surveyed via DGPS at a later date. The drill rig was aligned at the collar location by the site Geologist using a sighting compass. Down hole surveys were completed using a Reflex digital survey system routinely at intervals of 15m hole depth, 30m hole depth, and every 30m thereafter to end of hole. Measurements were taken as a pull back from the RC hammer at the midpoint of a non-magnetic stainless-steel rod. All drilling is conducted on MGA94 Zone 55 grid system. A topographic survey of the project area has partially been conducted using an in-house drone survey. Collar elevations have not been adjusted to this surface and use the elevation as stated on the GPS device.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.* *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* *Whether sample compositing has been applied.*	**GEOCHEMICAL SAMPLING** Historical: IMC and SVY samples were collected at irregular spacings within streams and along rock outcrops. Sunshine Gold Soils: A nominal 200m x 100m grid was used for the soil sampling area. **DRILLING** The drilling has been conducted to determine exploration potential at the prospect, with Titov Main zone drill holes roughly spaced at 80m. No subsequent sample compositing has been applied on the raw assay results for the reported intervals.
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.*	**GEOCHEMICAL SAMPLING** Historical Samples & Sunshine Gold Rock Chips – Samples are considered point samples only and no orientation is derived from the individual sample. SHN Soil samples were orientated in north-south lines (ie. Closest spacing in N-S direction) in order to traverse relatively perpendicular to the general structural trend (interpreted to be NE-SW).

Criteria	Explanation	Commentary
		DRILLING Drilling is designed to intersect interpreted veins as orthogonally (perpendicular) as possible, with orientation based on geological interpretation from the previous drill data
Sample security	*The measures taken to ensure sample security.*	**GEOCHEMICAL SAMPLING** Historical – No sample security details are known. SHN – Samples were pre-numbered prior to collection. Samples are sieved when collected and placed immediately into a paper geochemical bag marked with the sample ID. The paper bags are then placed in boxes or calicos with a numbered range. The samples are then transported by SHN to the laboratory. No third party was involved with the handling of the sample between collection and drop off. **DRILLING** SVY – No sample security details are known. SHN – Samples were collected daily in pre-numbered Calico sample bags by the on-site Field Technician and subsequently stored in sealed plastic bags. These were then transported to laboratory upon the completion of 2 – 5 drill holes via field staff.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	Historical Data – Data is reported as per the open-file document with no auditing or field validation of the reported results. Sunshine Gold: The sampling techniques are regularly reviewed during the program and further review will take place prior to future drilling.

Section 2 - Reporting of Exploration Results

(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 Ravenswood West Project consists of EPMs 26041, 26152, 26303, 26404, 27824 and 27825. All EPMs are owned 100% by Ukalunda Pty Ltd or XXXX Gold Pty Ltd, both wholly owned subsidiaries of Sunshine Gold Limited. EPMAs 28237 and 28240 are owned 100% by XXXX Gold Pty Ltd, a wholly owned subsidiary of Sunshine Gold Limited. The tenements are in good standing and no known impediments exist. - Two current, third party Mining Leases exist on EPM 26041 – named ML 10243 (Delour) and ML 10315 (Podosky). One further current, third party Mining Lease exists partially on EPM 26152 – named ML 1529 (Waterloo).

<table>
<tr><th>Criteria</th><th>Explanation</th><th>Commentary</th></tr>
<tr><td></td><td>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.</td><td>- All of EPM 26303 and part of EPM 26041 are situated within the Burdekin Falls Dam catchment area</td></tr>
<tr><td>Exploration done by other parties</td><td>Acknowledgment and appraisal of exploration by other parties.</td><td>- Numerous exploration companies have explored within the Ravenswood West Project area, namely North Broken Hill, New Consolidated Gold Fields, Noranda, Planet Metals, MAT, Nickel Mines Ltd, Minefields, Kennecott, Cormepar Minerals, Geopeko, Esso, Dampier Mining, IMC, CRA, Ravenswood Resources, Dalrymple Resource, BJ Hallt, Poseidon, Haoma Mining, Kitchener Mining, Placer, Goldfields, Carpentaria Gold, MIM, BHP, and Stavely Minerals.</td></tr>
<tr><td>Geology</td><td>Deposit type, geological setting and style of mineralisation.</td><td>- The Ravenswood West Project area is located within open file 100k map sheet area 8257. The project is hosted within the Ravenswood Batholith of the Charters Towers Province, which consists primarily of Ordovician to Silurian granitoids and lesser sedimentary packages. The area is considered by SHN to be prospective for orogenic and intrusion-related gold deposits, as well as granitoid-related copper, molybdenum, silver and rare earth deposits. There also appears to be prospectivity for MVT deposits on the fringes of the tenement area.</td></tr>
<tr><td>Drill hole Information</td><td>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:
easting and northing of the drill hole collar
elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar
dip and azimuth of the hole
down hole length and interception depth
hole length.
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</td><td>Historical information of drilling is provided in ASX:SVY report dated 30th July 2019.
Information pertaining to previous assays by SHN is provided in previous SHN ASX releases as listed below:
- 6th December 2021 – “Assays confirm large Cu-Ag-Mo System at Titov – Updated”
- 11th April 2022 – “Diamond Holes and IP survey confirm mineralised zones at Titov”
- 2nd May 2022 – “Excellent Recoveries from Metallurgical Test Work at Titov”
- 11th August 2022 – “Broad Copper Zones Continue at Titov & The Bank Revised”

Drill Hole Collar Table
Coordinates listed in MGA 94, Zone 55

<table>
<tr><th>Hole_ID</th><th>Max_Depth</th><th>East</th><th>North</th><th>RL</th><th>Dip</th><th>Azimuth (Grid)</th></tr>
<tr><td>22TVRC009</td><td>154</td><td>473,436</td><td>7,784,350</td><td>270</td><td>-60</td><td>340</td></tr>
<tr><td>22TVRC010</td><td>112</td><td>473,361</td><td>7,784,325</td><td>272</td><td>-60</td><td>340</td></tr>
<tr><td>22TVRC011</td><td>154</td><td>473,290</td><td>7,784,298</td><td>273</td><td>-60</td><td>340</td></tr>
<tr><td>22TVRC012</td><td>178</td><td>473,213</td><td>7,784,268</td><td>279</td><td>-60</td><td>340</td></tr>
<tr><td>22TVRC013</td><td>100</td><td>472,808</td><td>7,784,680</td><td>275</td><td>-60</td><td>350</td></tr>
<tr><td>22TVRC014</td><td>100</td><td>472,756</td><td>7,784,731</td><td>273</td><td>-60</td><td>170</td></tr>
</table></td></tr>
</table>

Criteria	Explanation	Commentary
		22TVRC015 82 473,238 7,784,618 273 -60 0 22TVRC016 124 473,152 7,784,578 276 -60 0 22TVRC017 154 473,645 7,784,052 275 -60 340 22TVRC018 250 473,406 7,783,874 276 -60 340 22TVRC019 184 472,988 7,784,138 278 -60 340 22TVRC020 166 472,907 7,784,113 277 -60 340 22TVRC021 172 472,830 7,784,088 274 -60 340 22TVRC022 232 472,941 7,784,043 280 -60 340 22TVRC023 214 473,246 7,784,202 281 -60 340 22TVRC024 226 473,309 7,784,229 276 -60 340 22TVRC025 208 473,380 7,784,252 270 -60 340 22TVRC026 250 473,417 7,784,176 283 -60 340 22TVRC027 250 473,316 7,783,853 277 -60 340
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*	- Historical drilling results are reported as previously reported in open file data. - SHN samples are metre intervals only, no weighting calculations have been made. - Drillhole 21TVDD001 interval 303 – 379m uses no cut-off grade, due to it comprising two broad intervals using a 0.1% Cu cut-off with a 4m consecutive internal dilution. - Cut-off grades for all other significant intercepts are reported at 0.1% Cu, where intervals can include a maximum of 3m consecutive dilution providing grade is carried. - Higher grade intervals within the broader 0.1% Cu cut-off intervals use a 0.5% Cu cut-off. **Metal Equivalent Calculation** - Copper has been chosen as the equivalent metal as it is found in both potassic and sericitic alteration assemblages. There are numerous intersections where copper is the only metal present but there are no intersections with a molybdenum value and no copper present. The presence of the copper only (and very low silver) ore assemblage is particularly apparent within the intense potassic alteration in the footwall of the Titov orebody. Similar observations were made in drilling of potassic altered zones at Keans and Bank. - Sunshine Gold believe that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold. - The metal equivalent is expressed as a recoverable copper equivalent. Metallurgical test work was completed on a composite sample from RC drill sample at Titov. Optical mineralogy results indicated that molybdenite and

Criteria	Explanation	Commentary
		chalcopyrite are very well liberated in all fractions. The test work displayed that a concentrate could be produced via rougher flotation (announced 2 May 2022). - The preliminary metallurgical test work at Titov has highlighted the coarse molybdenum observed at Titov recovers extremely well in flotation (>90%). The coarse molybdenum observed in quartz veining in outcrop at Titov, is also observed in quartz veining at Keans (costean sampling), in quartz veining within two separate mapped fault zones at Gagarin and within discrete veining mapped at the Bank. Sunshine Gold has recently joined the International Molybdenum Association to further explore markets and downstream users. The copper is ubiquitous across all prospects as disseminated and vein-hosted sulphide and is a readily saleable commodity. The gold and silver content of the original met samples was so low that test work yielded modest (and likely unreliable) recoveries: Au 57% and Ag 44.5%. Further met test work is warranted, especially on any higher-grade Au or Ag ores encountered. - A recoverable metal equivalent value has been calculated for Titov using results from preliminary metallurgical test work (announced 2 May 2022). - A recoverable metal equivalent value has been calculated for the Bank using the same parameters as the Titov metallurgical study. The two prospects are located 13km apart, in same aged granodiorites, with mineralisation hosted in similar style quartz vein associated or disseminated assemblages. **Metal Equivalent Formula** - (Cu% * Cu Recov) + (Mo% * 4.6875 * Mo Recov) + (Au g/t * 0.6176 * Au Recov) + (Ag g/t * 0.0077 * Ag Recov) - Recoveries - Cu 76.5%, Mo 91.7%, Au 57%, Ag 44.5% - Assumed Prices $USD (from 2/5/22) - Cu $9,920/t, Mo $46,500/t, Au $1,900/oz, Ag $23.77/oz
Relationship between mineralisation widths and intercept length	*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').*	The geometry of the mineralisation is subject to ongoing interpretation and as such intervals are reported in downhole length only.
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 plan view of drill hole collar locations and appropriate sectional views.*	All relevant diagrams are reported in the body of this report

Criteria	Explanation	Commentary
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.*	N/A
Other substantive exploration data	*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.*	Relevant data is reported in the body of the report
Further work	*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	Further work is addressed in the body of this report