

Impressive Thick Porphyry-Style Copper-Gold Intercepts at Thursday's Gossan, Victoria

New diamond drill results including 124m at 0.31% Cu and 0.12 g/t Au plus individual assays of up to 5.17% Cu and 1.26 g/t Au provide further evidence that Stavely Minerals may be closing-in on a substantial porphyry copper-gold discovery in western Victoria

Highlights

- Outstanding follow-up results received from recently completed diamond drill 'tails' to shallow Reverse Circulation (RC) drilling at the Thursday's Gossan copper deposit, part of the 100%-owned Stavely Copper Project in western Victoria.
- Strong porphyry-style copper-gold mineralisation intersected, including:
 - 124 metres at 0.31% copper and 0.12 g/t gold, including
 - 13 metres at 0.31% copper and 0.35 g/t gold, and including
 - 6 metres at 2.35% copper and 1.05 g/t gold
 - 36 metres at 0.43% copper and 0.20 g/t gold, including
 - 20 metres at 0.65% copper and 0.30 g/t gold, including
 - o 1 metre at 5.17% copper and 1.26 g/t gold
 - 85 metres at 0.35% copper and 0.18 g/t gold, including
 - o 35 metres at 0.44% copper and 0.28 g/t gold
 - 53 metres at 0.37% copper and 0.15 g/t gold, including
 - 23 metres at 0.57% copper and 0.20 g/t gold
 - 88 metres at 0.22% copper and 0.10 g/t gold, including
 - 3 metres at 0.92% copper and 0.32 g/t gold
- These copper-gold mineralised intercepts are hosted within structurally controlled intermediate argillic alteration, supporting Stavely's conceptual model that the metals are 'leaking' up structures from a potentially copper-gold mineralised porphyry at depth.
- ➤ The highest grade interval of 1 metre at 5.17% copper and 1.26 g/t gold was associated with the copper-sulphide mineral bornite, confirming the potential for materially higher gold and copper grades in the target potassic alteration zone.
- Assays are awaited from further diamond 'tails' completed as part of a more recent programme. These results are expected in the next few weeks.
- Follow-up deeper drilling is being planned as a priority to follow the structures down towards the expected high-grade copper-gold core of the Thursday's Gossan porphyry system.

Stavely Minerals Limited (ASX Code: **SVY** – "Stavely Minerals") is pleased to advise that its ongoing search for a world-class porphyry copper-gold deposit at its 100%-owned **Stavely Copper Project** in western Victoria (Figures 1, 2 and 3) continues to gather momentum with the latest drilling returning by far the strongest results seen at the Project to date.



The Company has received the first batch of assay results from diamond drill 'tails' completed as a follow-up to a highly successful 20-hole RC drilling programme reported in early July at the Thursday's Gossan copper deposit (see ASX announcement, 3 July 2017). Investors are advised to read this release in conjunction with the ASX release of 3 July 2017 announcing the original RC drill assay results and associated discussion.

The diamond drill 'tails' were designed to follow-up a new interpretation of the controls on high-grade copper-gold mineralisation in the near-surface chalcocite-enriched copper 'blanket' at Thursday's Gossan. In some cases, where the RC drill holes finished in copper-gold mineralisation, the diamond drill 'tail' has extended that mineralisation significantly. An example is drill hole STRC005, originally reported as:

• 25 metres at 0.52% copper and 0.37 g/t gold

With the diamond drill 'tail' STRC005D, this intercept has been extended to:

- 85 metres at 0.35% copper and 0.18 g/t gold including
 - o 35 metres at 0.44% copper and 0.28 g/t gold

Likewise drill hole STRC003 had returned an intercept of:

• 64 metres at 0.40% copper and 0.19 g/t gold to end-of-hole (EoH)

And was twinned with SMD012 (diamond drill hole drilled adjacent to the RC drill hole) which returned an intercept of:

124 metres at 0.31% copper and 0.12 g/t gold

These intercepts are consistent with, and lend further support to, Stavely Minerals' conceptual model that the fluids responsible for the copper-gold mineralisation at Thursday's Gossan have migrated up structures from a porphyry source below (Figure 4).

Full results are presented in a table at the end of this release and include:

- 124 metres at 0.31% copper, 0.12 g/t gold and 13 g/t silver, including
 - 13 metres at 0.31% copper 0.35 g/t gold and 18 g/t silver, and including
 - o 6 metres at 2.35% copper, 1.05 g/t gold and 48 g/t silver
- 36 metres at 0.43% copper, 0.20 g/t gold and 7 g/t silver, including
 - 20 metres at 0.65% copper, 0.30 g/t gold and 12 g/t silver, including
 - 1 metre at 5.17% copper, 1.26 g/t gold and 24 g/t silver
- 85 metres at 0.35% copper, 0.18 g/t gold and 3 g/t silver, including
 - 35 metres at 0.44% copper, 0.28 g/t gold and 4 g/t silver
- 53 metres at 0.37% copper, 0.15 g/t gold and 8 g/t silver, including
 - 23 metres at 0.57% copper, 0.20 g/t gold and 12 g/t silver
- 88 metres at 0.22% copper, 0.10g/t gold and 4 g/t silver, including
 - 3 metres at 0.92% copper, 0.32 g/t gold and 28 g/t silver

Drill sections are provided in Figures 5 and 6.

Of significance is the fact that the best copper-gold mineralised intercept was associated with chalcopyrite / bornite mineralisation from 157-158 metres in drill hole STRC008D, which returned **5.17% copper and 1.26 g/t gold** (Photo 1). The target potassic core to the porphyry system should host the best developed bornite mineralisation and this result is a



strong portent for the presence of high-grade copper-gold mineralisation in the deeper target zone.



Photo 1. STRC008D 157.1m – pyrite-chalcopyrite-bornite (purple) sulphide mineralisation.

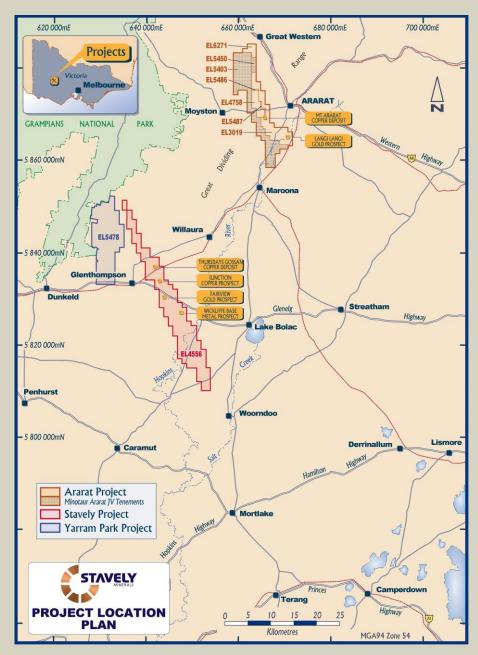


Figure 1. Project location plan.



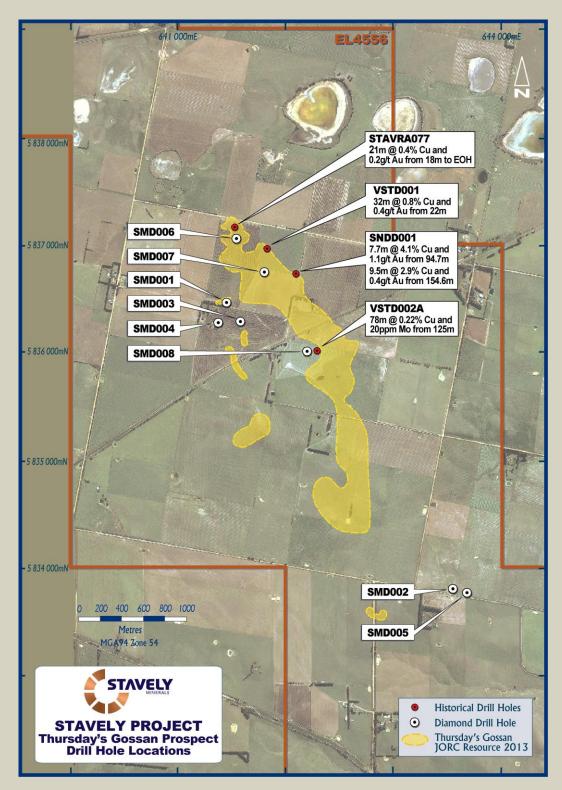


Figure 2. Thursday's Gossan diamond drill-hole location plan.

Stavely Minerals has recently completed additional diamond drill 'tails' to selected RC drill holes on the two southern drill sections and assay results are pending.



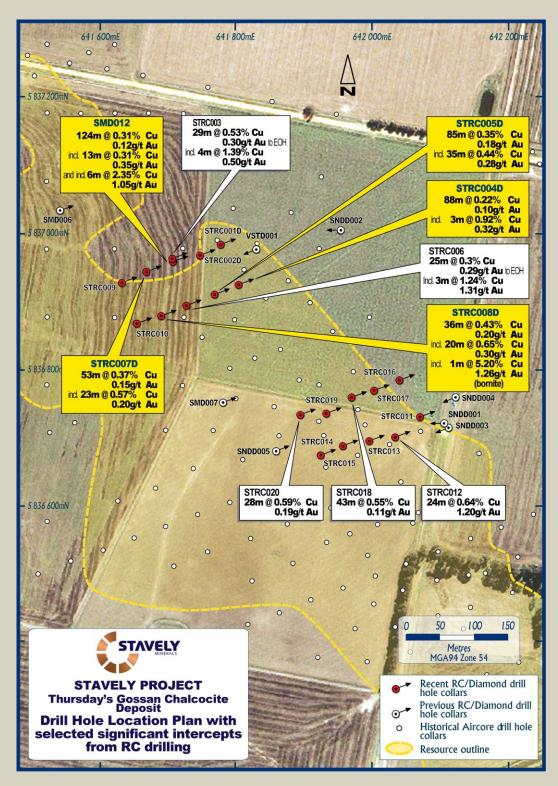


Figure 3. Current RC drill hole location plan.

Stavely Minerals' Managing Director, Mr Chris Cairns, said the initial results from the deeper diamond drilling at Thursday's Gossan represented a major step forward for the Company.

"These are by far the best results we have seen to date from Thursday's Gossan and, while we are adopting a systematic and cautious approach, it's fair to say that they give us great confidence that we are on the right track towards identifying the porphyry source.



"The latest drilling confirms our belief that the fluids responsible for these wide and strong copper-gold mineralised intervals had migrated upwards along major structures from a potentially well mineralised porphyry source at depth. We are most definitely in the hunt for a major mineralised porphyry system.

"We are looking forward to the next batch of assay results, due in the coming weeks, as well as the opportunity to get back on the ground by late October/November to put some more deep diamond holes into this emerging discovery opportunity."

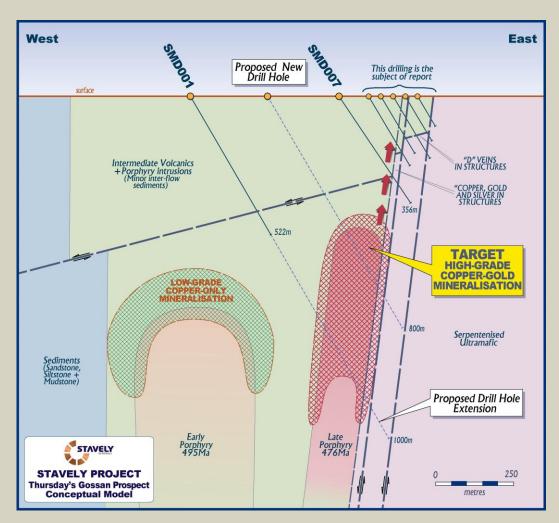


Figure 4. Stavely Minerals' conceptual model of two-phase porphyry intrusion with the second-phase porphyry driving the copper-gold-silver mineralisation with some leakage to surface along structures.

A large number of short-wave infrared (SWIR) readings have been acquired from recent and historical drilling and this data will be used to map out the alteration mineralogy. As various minerals are only stable in certain temperature and pH conditions, the distribution of the various clay species is of great assistance in understanding the fluid conduits and the temperature / pH conditions associated with the copper-gold mineralising events. This data will assist in our targeting deeper along the controlling structures towards the porphyry source.



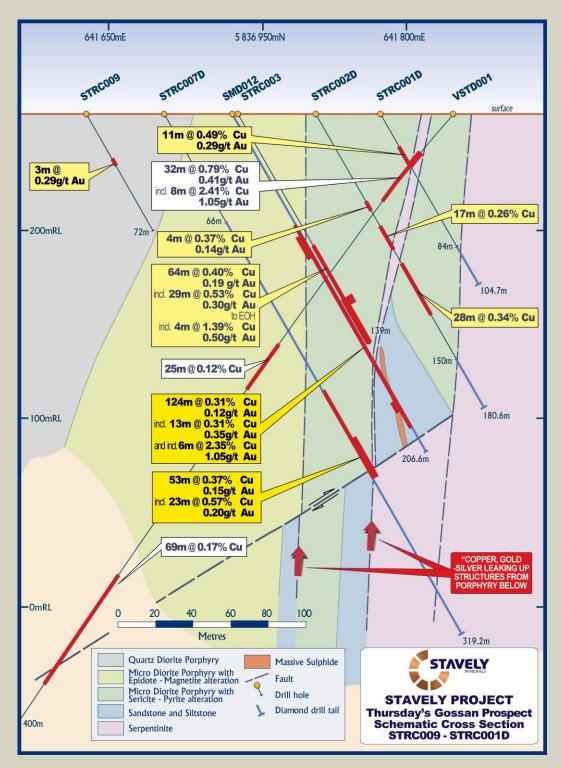


Figure 5. RC drill section STRC009-STRC001D.

Additionally, a large number of sulphur isotope analyses have recently been received which likewise provides important information as to the nature of the fluids responsible for sulphide mineralisation – providing an additional potential vector to the porphyry source.



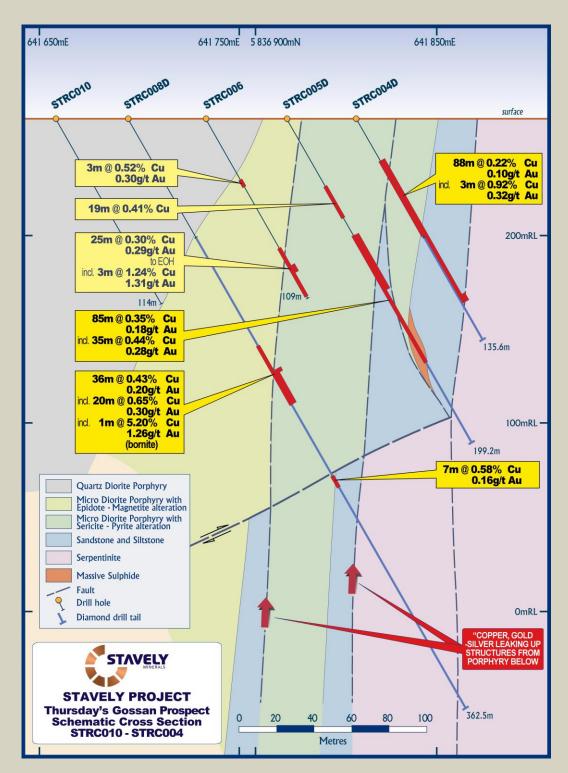


Figure 6. RC drill section STRC0010-STRC004D.

Yours sincerely,

Chris Cairns
Managing Director

ASX RELEASE 23 August 2017



The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Chris Cairns, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Cairns is a full-time employee of the Company. Mr Cairns is the Managing Director of Stavely Minerals Limited, is a substantial shareholder of the Company and is an option holder of the Company. Mr Cairns 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Cairns consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

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Drill Intercept Table

Thursday's Go	ossan Prosp	ect										
			M	GA 94 zone 5				T	1	rcept	1	
Hole id	Hole Type	East	North	Dip/ Azimuth	RL (m)	Total Depth (m)	From (m)	To (m)	Width (m)	Cu (%)	Au (g/t)	Ag (g/t)
SMD012	DD	641709	5836962	-60/70	264	206.6	70.0	194.0	124	0.31	0.12	13
						Incl.	75.6	88.6	13	0.31	0.35	18
						Incl.	177.0	183.0	6	2.35	1.05	48
STRC001D	RC/	641782	5836985	-60/70	269	113.7	23.0	31.0	8	0.74	0.17	5
	DD						58.0	60.0	2	0.68	0.33	18
STRC002D	RC/	641751	5836969	-60/70	235	180.6	54.0	57.0	3	0.44	0.15	5
	DD						91.0	119.0	28	0.34	0.08	
STRC003	RC	641711	5836956	-60/70	264	139	75.0	97.0	22	0.38	0.12	6
							110.0	139.0	29	0.53	0.30	15
<u> </u>						Incl.	110.0	114.0	4	1.39	0.50	55
STRC004D	RC/	641807	5836924	-60/70	258	135.6	26.0	114.0	88	0.22	0.10	4
	DD					Incl.	111.0	114.0	3	0.92	0.32	28
STRC005*	RC	641772	5836911	-60/70	262	96	41.0	60.0	19	0.41	0.07	4
							71.0	96.0	25	0.52	0.37	6
STRC005D	RC/	641772	5836911	-60/70	262	199.2	71.0	156.0	85	0.35	0.18	3
	DD					Incl.	71.0	106.0	35	0.44	0.28	4
STRC006	RC	641732	5836894	-60/70	263	109	36.0	39.0	3	0.52	0.30	7
							78.0	103.0	25	0.30	0.29	3
=						Incl.	91.0	94.0	3	1.24	1.31	8
STRC007D	RC/	641673	5836945	-60/70	263	319.4	172.0	225.0	53	0.37	0.15	8
	DD					Incl.	202.0	225.0	23	0.57	0.20	12
STRC008D	RC/	641693	5836880	-60/70	263	364.1	140.0	176.0	36	0.43	0.20	7
	DD					Incl.	156.0	176.0	20	0.65	0.30	12
						Incl.	157.0	158.0	1	5.17	1.26	24
							220.0	227.0	7	0.58	0.16	10
=						Incl.	220.0	222.0	2	1.15	0.28	14
STRC012	RC	642038	5836701	-60/70	263	54	22.0	46.0	24	0.64	1.20	4
						incl.	32.0	46.0	14	0.82	1.99	
						incl.	33.0	34.0	1	0.84	22.20	8
STRC013	RC	642000	5836696	-60/70	264	102	19.0	47.0	28	0.30	0.06	
							87.0	90.0	3	4.14	0.36	59
STRC014	RC	641961	5836687	-60/70	265	54	21.0	40.0	19	0.25		
STRC015	RC	641926	5836674	-60/70	266	78	21.0	33.0	12	0.27		
							41.0	56.0	15	0.35		



Thursday's Gos	Thursday's Gossan Prospect											
			MGA 94 zone 54			Intercept						
Hole id	Hole Type	East	North	Dip/ Azimuth	RL (m)	Total Depth (m)	From (m)	To (m)	Width (m)	Cu (%)	Au (g/t)	Ag (g/t)
STRC018	RC	641973	5836760	-60/70	263	78	22.0	65.0	43	0.55	0.11	3
							73.0	76.0	3.0	0.19	0.64	10
STRC019	RC	641937	5836736	-60/70	266	90	15.0	24.0	9	0.28	0.15	1
							41.0	64.0	23	0.35	0.10	2
							88.0	90.0	2	0.56	0.18	3
STRC020	RC	641899	5836733	-60/70	263	66	33.0	61.0	28	0.59	0.19	3

Comments – New results from diamond tails are in **bold** *Superseded by STRC005D



JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary	
Sampling	Nature and quality of	Stavely Project	
techniques	sampling (eg cut channels, random chips, or specific	Thursday's Gossan Prospect	
	specialised industry standard	Stavely Minerals' RC Drilling	
	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.	Reverse Circulation (RC) percussion drilling was used to produce a 1m bulk sample (~25kg) which was collected in plastic bags and representative 1m split samples (12.5% or nominally 3kg) were collected using a cone splitter and placed in a calico bag. The cyclone was cleaned out with compressed air at the end of each hole and periodically during the drilling. The 1m split samples were submitted for analysis.	
		Stavely Minerals' Diamond Drilling	
		quarter core and HQ half core was	The diamond core for the entire hole was sampled. PQ quarter core and HQ half core was submitted for analysis. Sample intervals were based on lithology but in general were 1m. No intervals were less than 0.4m or greater than 1.2m.
		Historical Drilling	
		Historical aircore hole STAVRA077 was drilled by North Limited in 1994 to a depth of 39m at the Thursday's Gossan prospect. 3m composite samples were analysed.	
		Historical diamond drill hole VSTD001 was drilled by Newcrest in 2002 to a depth of 520.7m to target the porphyry core. 2m composite samples were taken to a depth of 62m and then 1m samples to eoh. The samples were analysed for Au, Ag, As, Bi, Cu, Mo, Pb, S and Zn.	
		Historical aircore hole TGAC004 was drilled by Beaconsfield Gold Mines Pty Ltd in 2006 to a depth of 80m. 3m composite samples were taken for the entire hole.	
		Historical diamond hole SNDD001 was drilled by Beaconsfield Gold Mines Pty Ltd in 2008 to a depth of 321.9m. No sampling was done for the first 21m. From 21m to 321.9m composite samples based on lithology were analysed for Au, Ag, Co, Cu, Ni, Pb and Zn.	
		Historical aircore hole TGAC016 was drilled by Beaconsfield Gold Mines Pty Ltd in 2008 to a depth of 78m. Sampling was done at 1m intervals, apart from when sampling the oxide zone where 2m composite samples were collected.	
		Historical reverse circulation holes TGRC110 and TGRC136 were drilled by BCD in 2009 to a depth of 78m	



Criteria	JORC Code explanation	Commentary
		and 84m respectively. 1m interval samples were taken for the entire length of the holes.
		Historical aircore hole TGAC078 was drilled by BCD in 2009 to a depth of 59m. 2m composite samples were taken for the entire length of the hole.
		Historical aircore holes SAC029 and SAC030 were drilled by BCD in 2010 to a depth of 65m and 62m respectively. 1m interval samples were taken for the entire length of the holes.
		Mineral Resource Estimate
		Mineral Resource estimate underpinned by diamond drilling (DD), aircore drilling (AC), reverse air blast drilling (RAB) and reverse circulation drilling (RC) samples: Pennzoil (1 RC, 14 RAB holes): 2m samples selected where mineralisation observed. 13 RAB holes sampled every alternate 2m intervals. No details on sampling methods.
		North (4 DD, 1 AC, 85 RAB) and Newcrest (3 DD): Diamond holes ½ core sampled. No details on sampling of RC, RAB and AC holes.
		Beaconsfield Gold (2 DD, 78 AC): Diamond holes ½ core sampled. AC holes were sampled by spearing of material on 2m or 3m intervals where no mineralisation was observed and on 1m intervals where mineralisation was observed.
		TGM Group (26 AC): No details.
	Include reference to	Stavely Project
	measures taken to ensure sample representivity and the	Thursday's Gossan Prospect
	appropriate calibration of any	Stavely Minerals' Diamond and RC Drilling
	measurement tools or systems used.	Sample representivity was ensured by a combination of Company Procedures regarding quality control (QC) and quality assurance/ testing (QA). Certified standards and blanks were inserted into the assay batches.
		Historical Drilling
		No information available.
	Aspects of the determination	Stavely Project
	of mineralisation that are Material to the Public Report -	Thursday's Gossan Prospect
	In cases where 'industry' standard' work has been	Stavely Minerals' Diamond Drilling
	done this would be relatively	Drill sampling techniques are considered industry standard for the Stavely work programme.
	simple (eg '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	The diamond core for the entire hole has been sampled. PQ quarter core and HQ half core was submitted for analysis. Sample intervals were based on lithology but in



Criteria	JORC Code explanation	Commentary			
	where there is coarse gold that has inherent sampling problems. Unusual	general were 1m. No intervals were less than 0.3m or greater than 1.8m.			
	commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.	The diamond drill samples were submitted to Australian Laboratory Services ("ALS") in Orange, NSW. Laboratory sample preparation involved:- sample crush to 70% < 2mm, riffle/rotary split off 1kg, pulverize to >85% passing 75 microns.			
		Diamond core samples were analysed by ME-ICP61 – multi acid digest with HF and ICPAES and ICPMS and Au-AA23 – fire assay with AAS finish.			
		Stavely Minerals' RC Drilling			
		Drill sampling techniques are considered industry standard for the Stavely work programme.			
		The 1m split samples were submitted to Australian Laboratory Services ("ALS") in Orange, NSW. Laboratory sample preparation involved:- sample crush to 70% < 2mm, riffle/rotary split off 1kg, pulverize to >85% passing 75 microns.			
		The RC samples were analysed by ME-ICP61 – multi acid digest with HF and ICPAES and ICPMS and Au-AA23 – fire assay with AAS finish.			
		Historical Drilling			
		No sample preparation is available for the historical drilling.			
Drilling	Drill type (eg core, reverse	Stavely Project			
techniques	circulation, open-hole hammer, rotary air blast,	Thursday's Gossan Prospect			
	auger, Bangka, sonic, etc)	Stavely Minerals' Diamond Drilling			
	and details (eg core diameter, triple or standard tube, depth of diamond tails, facesampling bit or other type, whether core is oriented and if so, by what method, etc).	Diamond drill holes were drilled by Titeline Drilling in 2014 (SMD001, SMD003 and SMD004) and 2017 (SMD006, SMD007, SMD008 and SMD012). Diamond tails were completed on drill holes STRC004D, STRC005D, STRC007D and STRC008D. For the diamond drill holes drilling was used to produce drill core with a diameter of 85mm (PQ) from surface until the ground was sufficiently consolidated and then core with a diameter of 63.5mm (HQ) was returned. For the diamond tails drilling was used to produce drill core with a diameter of 63.5mm (HQ) was returned.			
		Diamond drilling was standard tube. Diamond core was orientated by the Reflex ACT III core orientation tool.			
		SMD003 was orientated at -60° towards azimuth 060° to a depth of 522.3m.			
		SMD006, SMD007 and SMD008 were orientated at -60° towards azimuth 070° to depths of 353.3m, 355.6m and 240m respectively. SMD012 was orientated at -60° towards azimuth 065° to a depth of 206.6m.			



Criteria	JORC Code explanation	Commentary
		Stavely Minerals' RC Drilling
		The RC holes were drilled by Budd Exploration Drilling P/L. The RC percussion drilling was conducted using a UDR 1000 truck mounted rig with onboard air. A Sullair 350/1150 auxiliary compressor was used. 4" RC rods were used and 51/4" to 53/4" drill bits. A Reflex Digital Ezy-Trac survey camera was used.
		The holes were oriented at -60° towards azimuth 070°.
		Historical Drilling
		Historical hole STAVRA077 is an aircore hole drilled by North Limited in 1994. The hole was drilled vertically. No other drilling details are known.
		Historical hole VSTD001 was drilled by Newcrest in 2002 using a diamond drill rig. The drilling was conducted by Silver City Drilling. The first 62m were drilled by aircore. HQ core was drilled between 62m and 255.7m and NQ core between 255.7m and 520.7m. The hole was oriented at -50° towards azimuth 256°.
		Historical aircore hole TGAC004 was drilled by Beaconsfield Gold Mines Pty Ltd in 2006 to a depth of 80m. The drilling was conducted by Blacklaws Drilling Services using a truck mounted Wallis Mantis rig with a 450cfm/200psi compressor.
		Historical hole SNDD001 was drilled by Beaconsfield Gold Mines Pty Ltd in 2008 using a diamond drill rig. The drilling was conducted by Silver City Drilling with a Mantis 700 rig. The hole was oriented at -50° towards magnetic azimuth 265°. HQ triple tube was drilled from 0m to 56.6m and then NQ to 321.9m.
		Historical aircore hole TGAC016 was drilled by Beaconsfield Gold Mines Pty Ltd in 2008 to a depth of 78m. The hole was drilled vertically by Wallis Drilling.
		Historical reverse circulation holes TGRC110 and TGRC136 were drilled by BCD in 2009 to a depth of 78m and 84m respectively. Drilling was conducted by Budd Exploration Drilling P/L using a Universal drill rig. TGRC110 was oriented at -60° towards magnetic azimuth 349°. TGRC136 was oriented at -60° towards magnetic azimuth 064°.
		Historical aircore hole TGAC078 was drilled by BCD in 2009 to a depth of 59m. Drilling was conducted by Budd Exploration Drilling P/L using a Universal drill rig. TGAC078 was oriented at -50° towards magnetic azimuth 231°.
		Historical aircore holes SAC029 and SAC030 were drilled by BCD in 2010 to a depth on 65m and 62m respectively. The holes were drilled vertically by Blacklaws Drilling Services.



Criteria	JORC Code explanation	Commentary						
				Irca	Estimate			
		Drilling details for the Thursday's Gossan Chalcocite Deposit (TGC) resource drill hole dataset						
		Drill Type	Company	Count	Av. DFrom to Min. Top (m)	Av. Dto to Min. Base (m)	Av. Min. Int Length (m)	Av. Cu (ppm)
		AC	BCD	78	32	56	24	4080
		AC	North TGM Group	26	20 33	62 55	42 22	3090 3496
		AC Total	BCD	105 2	32 86	56 93	24 7	3926 23586
		DD	CRAE Newcrest	2	41 56	54 85	13 29	3237 3927
			North	4	37	63	26	3541
		DD Total	Pennzoil	1 12	20 49	28 69	20	5250 7070
		RAB	North Pennzoil	85 14	31 22	46 35	15 13	2948 2587
		RAB Total		99	30	45	15	2897
		RC	BCD Pennzoil	1	27 2	45 34	17 32	4498 11944
		RC Total Total A	ll Drilling	225	24 32	43 51	19 20	5326 3697
D.''II.	Add to be for each	01	. D'					
Drill sample recovery	Method of recording and assessing core and chip	•	y Projec		D	.4		
	sample recoveries and results assessed.		•		n Prospec			
		Stavely Minerals' Diamond Drilling						
		Diamond core recoveries were logged and recorded in the database.						
		Core recovery for SMD001, SMD003 and SMD007 was good. In general the core recovery for SMD012 was good but there were several intervals where core was lost or there was poor core recovery.						
		Stavely Minerals' RC Drilling						
		used to signific visually	keep thant	ne sa Intity	ry was goo mples dry of water. during	despite th RC sam	e hole pro ple recov	ducing a ery was
		Historical Drilling						
		Diamond core recoveries were logged and recorded for historical drill hole SNDD001.						
		Mineral Resource Estimate						
		Recovery data available for 2 DD holes.						
		Generally no major sample loss or groundwater issues.						
	Measures taken to maximise	Stavel	y Projec	et				
	sample recovery and ensure representative nature of the	-			n Prospec	:t		
	samples.	Stavel	Miner	als' l	Diamond E	Prilling		
		Stavely Minerals' Diamond Drilling Diamond core is reconstructed into continuous runs on an angle iron cradle for orientation marking. Depths are						



Criteria	JORC Code explanation	Commentary
		checked against the depth given on the core blocks and rod counts are routinely carried out by the driller.
		Stavely Minerals' RC Drilling
		The RC samples are collected by plastic bag directly from the rig-mounted cyclone and laid directly on the ground in rows of 10. The drill cyclone and sample buckets are cleaned between rod-changes and after each hole to minimise down-hole and/or cross contamination.
		Historical Drilling
		No details are available for the historical drill holes.
	Whether a relationship exists	Stavely Project
	between sample recovery and grade and whether	Thursday's Gossan Prospect
	sample bias may have	Stavely Minerals' Diamond Drilling
	occurred due to preferential loss/gain of fine/coarse	Not an issue relevant to diamond drilling.
	material.	Stavely Minerals' RC Drilling
		No analysis has been undertaken as yet regarding whether sample bias may have occurred due to preferential loss/gain of fine/coarse material and is not considered to have a material effect given the good sample recovery.
		Historical Drilling
		No details are available for the historical drill holes.
Logging	Whether core and chip	Stavely Project
	samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	Thursday's Gossan Prospect
		Stavely Minerals' Diamond and RC Drilling
		Geological logging of samples followed Company and industry common practice. Qualitative logging of samples including, but not limited to, lithology, mineralogy, alteration, veining and weathering. Diamond core logging included additional fields such as structure and geotechnical parameters.
		Magnetic Susceptibility measurements were taken for each 1m RC and diamond core interval.
		Historical drilling
		All holes were geologically logged.
	Whether logging is qualitative	Stavely Project
	or quantitative in nature. Core (or costean, channel, etc)	Thursday's Gossan Prospect
	photography.	Stavely Minerals' Diamond Drilling
		All logging is quantitative, based on visual field estimates. Systematic photography of the diamond core in the wet and dry form was completed.



Criteria	JORC Code explanation	Commentary
- Gritteria		Stavely Minerals' RC Drilling
		All logging is quantitative, based on visual field estimates. Chip trays with representative 1m RC samples were collected and photographed then stored for future reference.
		Historical Drilling
		All logging is quantitative, based on visual field estimates.
	The total length and	Stavely Project
	percentage of the relevant intersections logged.	Thursday's Gossan Prospect
		Stavely Minerals' Diamond Drilling
		Detailed diamond core logging, with digital capture, was conducted for 100% of the core by Stavely's on-site geologist at the Company's core shed near Glenthompson.
		Stavely Minerals' RC Drilling
		All RC chip samples were geologically logged by Stavely Minerals' on-site geologist on a 1m basis, with digital capture in the field.
		Historical Drilling
		Historical holes have been logged in their entirety.
Sub-sampling	If core, whether cut or sawn and whether quarter, half or all core taken.	Stavely Project
techniques and sample		Thursday's Gossan Prospect
preparation		Stavely Minerals' Diamond Drilling
		Quarter core for the PQ diameter diamond core and half core for the HQ diameter core was sampled on site using a core saw.
		Historical Drilling
		For historical hole SNDD001 half core was sampled. No details are given for VSTD001.
	If non-core, whether riffled, tube sampled, rotary split, etc	Stavely Project
	and whether sampled wet or	Thursday's Gossan Prospect
	dry.	Stavely Minerals' RC Drilling
		Splitting of RC samples occurred via a rotary cone splitter by the RC drill rig operators. Cone splitting of RC drill samples occurred regardless of whether the sample was wet or dry.
		Historical Drilling
		No details are given for historical aircore and RC holes.



Criteria	JORC Code explanation	Commentary		
	For all sample types, the	Stavely Project		
	nature, quality and appropriateness of the	Thursday's Gossan Prospect		
	sample preparation	Stavely Minerals' Diamond and RC Drilling		
	technique.	Company procedures were followed to ensure sub- sampling adequacy and consistency. These included, but were not limited to, daily work place inspections of sampling equipment and practices.		
		Historical Drilling		
		No details of sample preparation are given for the historical drilling.		
		Mineral Resource Estimate		
		Pennzoil (1 RC, 14 RAB holes): No details on sampling and sample preparation methodology.		
		North (4 DD, 1 AC, 85 RAB) and Newcrest (3 DD): No details on sample preparation methodology.		
		Beaconsfield Gold (2 DD, 78 AC): No information on sample preparation methodology.		
		TGM Group (26 AC): No details.		
	Quality control procedures	Stavely Project		
	adopted for all sub-sampling stages to maximise	Thursday's Gossan Prospect		
	representivity of samples.	Stavely Minerals' Diamond and RC Drilling		
		Blanks and certified reference materials are submitted with the samples to the laboratory as part of the quality control procedures.		
		Historical Drilling		
		No details of quality control procedures are given for the historical drilling.		
	Measures taken to ensure	Stavely Project		
	that the sampling is representative of the in situ	Thursday's Gossan Prospect		
	material collected, including for instance results for field	Stavely Minerals' Diamond and RC Drilling		
	duplicate/second-half sampling.	No second-half sampling of the diamond core or field duplicates for the RC drilling has been conducted at this stage.		
		Historical Drilling		
		No details are given for the historical drilling.		
	Whether sample sizes are	Stavely Project		
	appropriate to the grain size of the material being	Thursday's Gossan Prospect		
	sampled.	Stavely Minerals' Diamond and RC Drilling		
		The sample sizes are considered to be appropriate to correctly represent the sought mineralisation.		



Criteria	JORC Code explanation	Commentary
		Historical Drilling
		The sample sizes are considered to be appropriate to correctly represent the sought mineralisation.
Quality of	The nature, quality and	Stavely Project
assay data and	appropriateness of the assaying and laboratory	Thursday's Gossan Prospect
laboratory tests	procedures used and whether the technique is considered	Stavely Minerals' Diamond and RC Drilling
lesis	partial or total.	The core samples and 1m RC split samples were analysed by multielement ICPAES Analysis - Method ME-ICP61. A 0.25g sample is pre-digested for 10-15 minutes in a mixture of nitric and perchloric acids, then hydrofluoric acid is added and the mixture is evaporated to dense fumes of perchloric (incipient dryness). The residue is leached in a mixture of nitric and hydrochloric acids, the solution is then cooled and diluted to a final volume of 12.5mls. Elemental concentrations are measured simultaneously by ICP Atomic Emission Spectrometry. This technique approaches total dissolution of most minerals and is considered an appropriate assay method for porphyry copper-gold systems.
		The core samples and 1m RC split samples were also analysed for gold using Method Au-AA23. Up to a 30g sample is fused at approximately 1,100°C with alkaline fluxes including lead oxide. During the fusion process lead oxide is reduced to molten lead which acts as a collector for gold. When the fused mass is cooled the lead separates from the impurities (slag) and is placed in a cupel in a furnace at approximately 900°C. The lead oxidizes to lead oxide, being absorbed by the cupel, leaving a bead (prill) of gold, silver (which is added as a collector) and other precious metals. The prill is dissolved in aqua regia with a reduced final volume. Gold content is determined by flame AAS using matrix matched standards. For samples which are difficult to fuse a reduced charge may be used to yield full recovery of gold. This technique approaches total dissolution of most minerals and is considered an appropriate assay method for detecting gold mineralisation.
		Historical Drilling
		Samples from historical diamond hole SNDD001 were analysed at Amdel Laboratory. Gold was analysed by Fire assay and the multi-elements by aqua regia with ICPOES finish.
		Samples from TGRC110, TGRC136 and TGAC078 were submitted for the analysis of Au, Ag, As, Cu, Co, Fe, Ni, Pb, S and Zn. All elements except Au were assayed by ICP/OES methods. Gold was analysed using the Fire Assay method. Samples were submitted to either Genalysis Laboratory Services Pty Ltd (Amdel) in Adelaide



Criteria	JORC Code explanation	Commentary
		or to Aminya Laboratories Pty Ltd (Onsite Laboratory Services) in Bendigo for analysis.
		Samples from TGAC016 were submitted to Amdel Laboratory for Au by Fire assay and Ag, As, Cu, Fe, S, Pb and Zn by ICP/OES.
		Samples for TGAC004 were submitted to Onsite Laboratory Services in Bendigo for Au analysis by Fire Assay and Cu by ICP/OES.
		Holes SAC029 and SAC030 were submitted to Onsite Laboratory Services in Bendigo. Au was analysed by Fire assay, Hg by cold vapour and Ag, As, Bi, Cu, Pb, S and Zn by ICP/OES.
		Mineral Resource Estimate
		Pennzoil (1 RC, 14 RAB holes): A base metal suite was assayed via AAS (digestion not specified) and Au was assayed via fire assay.
		North (4 DD, 1 AC, 85 RAB) and Newcrest (3 DD): A base metal suite was assayed via Mixed Acid digest, AAS detection and Au was assayed via fire assay.
		Beaconsfield Gold (2 DD, 78 AC): OnSite Laboratory Services (Bendigo) analysed all samples for Cu by aqua regia digest ICP-OES detection and repeated assays for samples returning greater than 5,000ppm Cu by Mixed Acid Digest ICP-OES detection. Au was assayed via fire assay.
		TGM Group (26 AC): No details. "Cherry-picking" of best assays from reassayed samples (85 of 160 substituted) has introduced a +10% relative bias for 9 holes used in the Mineral Resource estimate.
		No QC samples were inserted into any of the sample batches from the Thursday's Gossan drilling. No laboratory QC data was made available for assessment as part of this Mineral Resource estimate.
		Beaconsfield Gold undertook a limited (selective) umpire laboratory programme (29 samples), entire residual material assaying (94 intervals) and 66 sub-sample assays of residual material (66 intervals). These projects provide limited insight into sampling and assay reliability. This data indicates that:
		Both significant bias and precision issues are suspected in the Beaconsfield Gold dataset (OnSite Laboratory) and that there appears to be a period of instrument malfunction or systems/procedural breakdown at grades greater than 3,000ppm Cu at the laboratory.
		The spear vs total sample dataset shows a significant relative bias in favour of the spear sample, manifesting greatest within samples containing higher copper grades.



Criteria	JORC Code explanation	Commentary
	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.	N/A
	Nature of quality control procedures adopted (eg	Stavely Project
	standards, blanks, duplicates,	Thursday's Gossan Prospect
	external laboratory checks) and whether acceptable	Stavely Minerals' Diamond and RC Drilling
	levels of accuracy (ie lack of bias) and precision have been established.	Laboratory QAQC involved the submission of standards and blanks. For every 20 samples submitted either a standard or blank was submitted.
		The analytical laboratory provide their own routine quality controls within their own practices. The results from their own validations were provided to Stavely Minerals.
		Results from the CRM standards and the blanks gives confidence in the accuracy and precision of the assay data returned from ALS.
		Historical Drilling
		No quality control data available for historical drilling.
Verification of sampling and	The verification of significant intersections by either	Stavely Project
assaying	independent or alternative company personnel.	Thursday's Gossan Prospect
		Stavely Minerals' Diamond and RC Drilling
		Either Stavely Minerals' Managing Director or Technical Director has visually verified significant intersections in the core and RC chips at Thursday's Gossan.
		Historical Drilling
		Stavely Minerals' Managing Director has visually verified the significant intersections in historical diamond hole SNDD001.
		Mineral Resource Estimate
		Beaconsfield Gold undertook a limited (selective) umpire laboratory programme (29 samples), entire residual material assaying (94 intervals) and 66 sub-sample assays of residual material (66 intervals). These projects provide limited insight into sampling and assay reliability.
	The use of twinned holes.	No twinned holes have been drilled.



Criteria	JORC Code explanation	Commentary
	Documentation of primary	Stavely Project
	data, data entry procedures, data verification, data storage	Thursday's Gossan Prospect
	(physical and electronic) protocols.	Stavely Minerals' Diamond and RC Drilling
	protocois.	Primary data was collected for drill holes using the OCRIS logging template on Panasonic Toughbook laptop computers using lookup codes. The information was sent to a database consultant for validation and compilation into a SQL database.
		Historical Drilling
		No details provided for historical drilling.
	Discuss any adjustment to assay data.	No adjustments or calibrations were made to any assay data used in this report.
Location of	Accuracy and quality of	Stavely Project
data points	surveys used to locate drill holes (collar and down-hole	Thursday's Gossan Prospect
	surveys), trenches, mine workings and other locations	Stavely Minerals' Diamond and RC Drilling
	used in Mineral Resource estimation.	Drill collar locations were pegged before drilling and surveyed using Garmin handheld GPS to accuracy of +/- 3m. Collar surveying was performed by Stavely Minerals' personnel. This is considered appropriate at this early stage of exploration.
		For the diamond holes, down-hole single shot surveys were conducted by the drilling contractor. Surveys were conducted at approximately every 30m down-hole.
		Historical Drilling
		No details provided for drill collar locations for historical drilling.
		Downhole surveying was conducted for SNDD001 and VSTD001.
		Mineral Resource Estimate
		Holes within the Thursday's Gossan area are recorded as being surveyed under three systems: AMG66 zone 54S, MGA zone 54 and GDA94 zone 54S. All coordinates were converted to GDA94 zone 54S by previous workers. These conversions have not been checked by Stavely Minerals or Hackman & Associates. The August 2013 estimate is undertaken using the supplied GDA94 54S grid references.
		Beaconsfield Gold holes were located by hand held GPS. No information on survey methods for other workers.
	Specification of the grid system used.	The grid system used is GDA94, zone 54.
	Quality and adequacy of topographic control.	At the Thursday's Gossan prospect topographic control is achieved via use of DTM developed from a 2008 airborne



Criteria	JORC Code explanation	Commentary
		magnetic survey conducted by UTS contractors measuring relative height using radar techniques.
		For Stavely Minerals' exploration, the RL was recorded for each drill hole and soil sample location from the GPS. Accuracy of the GPS is considered to be within 5m.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	The drill hole spacing is project specific, refer to figures in text.
	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.	Mineral Resource Estimate Area showing the thickest and highest tenor of mineralisation tested at nominal 50m centres by predominantly vertical holes. Areas less well mineralised tested mostly at 100m centres by vertical drill holes.
	Whether sample compositing has been applied.	Stavely Project
		Thursday's Gossan Prospect
		Stavely Minerals' Diamond Drilling
		Sample intervals were based on lithology but in general were 1m. No intervals were less than 0.4m or greater than 1.2m.
		Stavely Minerals' RC Drilling
		No sample compositing has been applied.
		Historical Drilling
		Sample compositing based on lithology was applied for historical drill hole SNDD001.
		3m compositing was applied for historical drill holes STAVRA077 and TGAC004.
		2m compositing was applied for historical drill hole TGAC078.
		TGRC110, TGRC136, SAC029 and SAC030 were sampled on a 1m basis.
		A combination of 1m and 2m composite sampling was applied for VSTD001.
Orientation of	Whather the orientation of	Stavely Project
Orientation of data in	Whether the orientation of sampling achieves unbiased	Stavely Project Thursday's Gossan Prospect
relation to geological	sampling of possible structures and the extent to	Stavely Minerals' Diamond and RC Drilling
structure	which this is known, considering the deposit type.	The RC pre-collars and diamond tails were orientated at -60° toward 070° to perpendicularly intercept the sulphide
		rich 'D' veins within the low angle structure.



Criteria	JORC Code explanation	Commentary
		Mineral Resource Estimate
		Drill orientation appropriate for testing of flat-lying mineralisation.
		Underlying geology indicates that primary mineralisation may be sub vertical. Supergene mineralisation is controlled by pre-existing geology, groundwater movement and surface/weathering events. It is unknown from the current dataset if there is any sub-vertical fabric within the supergene mineralisation and if so then vertical holes will not adequately sample this feature of the mineralisation.
	If the relationship between the drilling orientation and the	Stavely Project
	orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	Thursday's Gossan Prospect
		Stavely Minerals' Diamond and RC Drilling
		There is insufficient drilling data to date to demonstrate continuity of mineralised domains and determine if any orientation sampling bias can be identified in the data.
Sample	The measures taken to ensure sample security.	Stavely Project
security		Thursday's Gossan Prospect
		Stavely Minerals' Diamond and RC Drilling
		Samples in closed poly-weave bags were collected from the Company's Glenthompson shed by a contractor and delivered to Hamilton from where the samples are couriered to ALS Laboratory in Orange, NSW.
		Historical Drilling
		No available data to assess security.
		Mineral Resource Estimate
		No available data to assess security.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews of the data management system has been carried out.
	teoriniques and data.	Mineral Resource Estimate
		Basic checking of data integrity.



Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral	Type, reference	Stavely Project
tenement and land tenure status	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 diamond drilling and RC drilling at Thursday's Gossan was located on EL4556, which forms the Stavely Project.
		The mineralisation at Thursday's Gossan is situated within exploration licence EL4556.
		The Stavely Project was purchased by Stavely Minerals (formerly Northern Platinum) from BCD Resources Limited in May 2013. Stavely Minerals hold 100% ownership of the Stavely Project Tenements. The Stavely Project is on freehold agricultural land and not subject to Native Title claims.
		New Challenge Resources Pty Ltd retains a net smelter return royalty of 3% in EL4556, although there is an option to reduce this to 1% upon payment of \$500k.
	The security of the tenure	Stavely Project
	held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	A retention licence, RL2017, was applied for over the majority of EL4556 in May 2014.
		The tenement is in good standing and no known impediments exist.
Exploration	Acknowledgment and appraisal of exploration by other parties.	Stavely Project
done by other parties		Thursday's Gossan Prospect
		Exploration activity became focused on Thursday's Gossan and the Junction prospects following their discovery by Pennzoil of Australia Ltd in the late 1970s. North Limited continued to focus on Thursday's Gossan in the 1990s. North's best drill result at Thursday's Gossan came from VICT1D1 which gave 161m of 0.26% Cu from 43m, including 10m of 0.74% Cu from 43m from a supergene-enriched zone containing chalcocite.
		The tenement was optioned to CRA Exploration between 1995 and 1997. CRAE drilled several deep diamond drill holes into Thursday's Gossan, including DD96WL10, which intersected 186m from 41m of 0.15% Cu and DD96WL11, which intersected 261.7m from 38.3m of 0.13% Cu.
		EL4556 was further explored by Newcrest Operations Limited under option from New Challenge Resources Ltd between 2002 and 2004. Their main focus was Thursday's Gossan in order to assess its potential as a porphyry copper deposit. One of their better intersections came from drill hole VSTD01 on the northern edge of the deposit which gave 32m at 0.41 g/t



Criteria	JORC Code explanation	Commentary
		Au and 0.73% Cu from 22m in supergene-enriched material.
		The Stavely Project was optioned to Beaconsfield Gold Mines Pty Ltd in 2006 who flew an airborne survey and undertook an extensive drilling programme focused on several prospects including Thursday's Gossan. One of their diamond drill holes at Thursday's Gossan, SNDD001, encountered zones with quartz- sulphide veins assaying 7.7m of 1.08 g/t Au and 4.14% Cu from 95.3m and 9.5m of 0.44 g/t Au and 2.93% Cu from 154.6m along silicified and sheared contacts between serpentinite and porphyritic intrusive rocks.
		Once Beaconsfield Gold Mines Pty Ltd had fulfilled their option requirements, title of EL4556 passed to their subsidiary company, BCD Metals Pty Ltd, who undertook a gravity survey and extensive drilling at prospects including Thursday's Gossan. They also commissioned a maiden Mineral Resource estimate for Thursday's Gossan.
		All work conducted by previous operators at Thursday's Gossan is considered to be of a reasonably high quality.
		Mineral Resource Estimate
		Pennzoil: 1 RC, 14 RAB holes
		North: 4 DD, 1 AC, 85 RAB holes
		TGM Group: 26 AC holes
		Beaconsfield Gold: 2 DD, 78 AC holes
		Beaconsfield Gold: Mineral Resource Estimate undertaken by Coffey Mining Pty Ltd (2008).
Geology	Deposit type, geological	Stavely Project
	setting and style of mineralisation.	Thursday's Gossan Prospect
		The Thursday's Gossan and Junction prospects are located in the Mount Stavely Volcanic Complex (MSVC). Intrusion of volcanic arc rocks, such at the Mount Stavely Volcanic Complex, by shallow level porphyries can lead to the formation of porphyry copper ± gold ± molybdenum deposits.
		The Thursday's Gossan Chalcocite deposit (TGC) is considered to be a supergene enrichment of primary porphyry-style copper mineralisation. Mineralisation is characterised by chalcopyrite, covellite and chalcocite copper sulphide mineralisation within a sericite, illite and kaolin clay alteration assemblage. Copper mineralisation is within a flat lying enriched 'blanket' of overall dimensions of 4 kilometres north-south by up to 1.5 kilometres eastwest by up to 60 metres thick with an average thickness of approximately 20 metres commencing at an average depth



b (d) g m T a k d g N s d N S rd p all information	(circa 60 grade zo metres la The Thomat la Iteration kilometre defined geocher Minerals significate depth at Mineral Supergerocks, versially Mineral	curface of 10%) of the cone of apply 35 merursday's (on system re long color by a coir mistry, Resident porphy the Thursday Resource where find replaced Resource Res	e Mineral proximate fres thick. Gossan a with copportidor. The cident man AB drillings the technyry coppe y's Gossa ce Estimate grained	Resource e dimension rea host per-gold The Junc agnetic lang coppo- nical evi- r-gold man.	es reside ions of 1 s a majo mineralis ction por high, stro er anom dence in	e within a kilometre or hydrotle sation over the congruence on a soil of the congruence of the congrue	higher e x 300 hermal er a 10 rget is copper Stavely here is
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ıth.	AC	North TGM Group		21	187		21 187
Α	AC Total		833	279	364	1	1477
		BCD CRAE	3 1	10	2	1	9 13
	DD	Newcrest	38	25			63
		North	96	4			100
	DD Total	Pennzoil	8 146	43	3	1	193
	RAB	North		1	436	2	439
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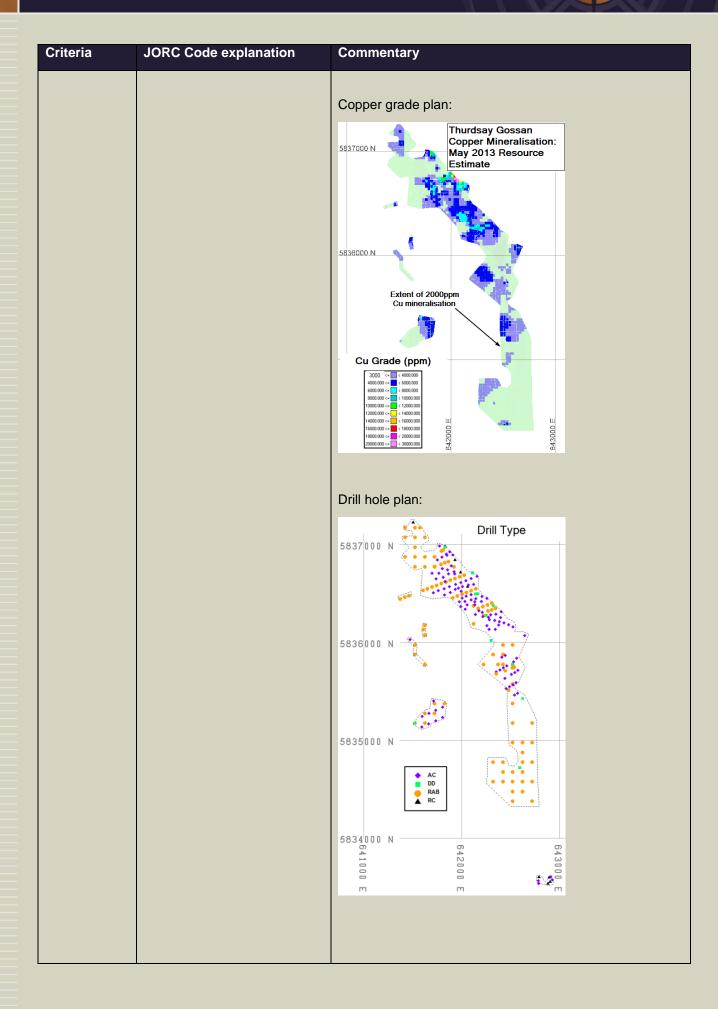


Criteria	JORC Code explanation	Commentary
		Summary moisture data available for 28 AC/RC holes show that all bar one hole encountered water through the mineralised interval.
		Recovery data available for 2 DD holes.
		SG measurements taken from Beaconsfield Gold hole TGDD46. No mention of drying samples. May be more akin to bulk density measurements than dry bulk density measurements.
	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.	No material drill hole information has been excluded.
Data aggregation	In reporting Exploration Results, weighting averaging	Stavely Project
methods	techniques, maximum and/or	Thursday's Gossan Prospect
	minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.	Exploration results are nominally reported where copper results are greater than 0.1% Cu over a down-hole width of a minimum of 3m.
		No top-cutting of high grade assay results have been applied, nor was it deemed necessary for the reporting of significant intersections.
		The quoted intercept for STRC004D includes "aggregated in total" 3.9m of core loss.
		The quoted intercept for STRC005D includes "aggregated in total" 2.8m of core loss.
		The quoted intercept for SMD012 includes "aggregated in total" 7.1m of core loss.
		Mineral Resource Estimate
		Assays composited to 3m for resource estimation.
	Where aggregate intercepts incorporate short lengths of	Stavely Project
	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.	Thursday's Gossan Prospect
		In reporting exploration results, length weighted averages are used for any non-uniform intersection sample lengths. Length weighted average is (sum product of interval x corresponding interval grade %) divided by sum of interval length.
		Historical Drilling
		In reporting exploration results, length weighted averages are used for any non-uniform intersection sample lengths. Length weighted average is (sum product of interval x



Criteria	JORC Code explanation	Commentary
		corresponding interval grade %) divided by sum of interval length.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are used for reporting exploration results.
Relationship	These relationships are	Stavely Project
between mineralisation	particularly important in the reporting of Exploration	Thursday's Gossan Prospect
widths and intercept lengths	Results.	There is insufficient drilling data to date to demonstrate
	If the geometry of the mineralisation with respect to the drill hole angle is known,	continuity of mineralised domains and determine the relationship between mineralisation widths and intercept lengths.
	its nature should be reported.	Mineral Resource Estimate
		No obvious association other than, as expected with supergene mineralisation, globally thicker mineralisation has higher tenor of copper.
	If it is not known and only the	Refer to the Tables and Figures in the text.
	down hole lengths are reported, there should be a	
	clear statement to this effect (eg 'down hole length, true width not known').	
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	Refer to Figures in the text.
		A plan view of the drill hole collar locations is included.
		Mineral Resource Estimate
		No historic or client produced diagrams available for review.
		Thickness plan:
	locations and appropriate sectional views.	1 Theories plan.
		TGC - Resource Model Thickness Contours
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		5835000 N
		Thickness Contours 50m 40m
		30m 20m 50 50
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Criteria	JORC Code explanation	Commentary
Balanced	Where comprehensive	Stavely Project
reporting	reporting of all Exploration Results is not practicable,	Thursday's Gossan Prospect
	representative reporting of both low and high grades and/or widths should be practiced to avoid misleading	All copper and gold values considered to be significant for porphyry mineralisation have been reported. Some subjective judgement has been used.
	reporting of Exploration Results.	Mineral Resource Estimate
	recounts.	Selective sampling of holes where mineralisation observed considered acceptable for estimating sulphide resources.
		Alternative sampling and "cherry picking" practices assessed as having negligible effect on global estimate but will be a limiting factor in lifting local resources to higher than Inferred classification under the JORC Code (2012 Edition).
		66 of the 225 holes terminate within mineralisation; however surrounding holes adequately define the base of mineralisation.
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.	All relevant exploration data is shown on figures and discussed in the text. Mineral Resource Estimate A further 683 holes within and surrounding the prospect area were utilised for defining the resource mineralisation.
Further work	The nature and scale of planned further work (eg tests	Stavely Project
	for lateral extensions or depth	Thursday's Gossan Prospect
	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.	Results from the diamond tails for holes drilled to test the near-surface expressions of the sulphide-rich 'D' veins on the southern two sections are pending. A deep diamond hole (`800m deep) has been planned to test the targeted high grade copper-gold mineralisation at depth. Mineral Resource Estimate Evaluation of area for discovery of styles of mineralisation other than the defined supergene mineralisation.



Section 3 Estimation and Reporting of Mineral Resources

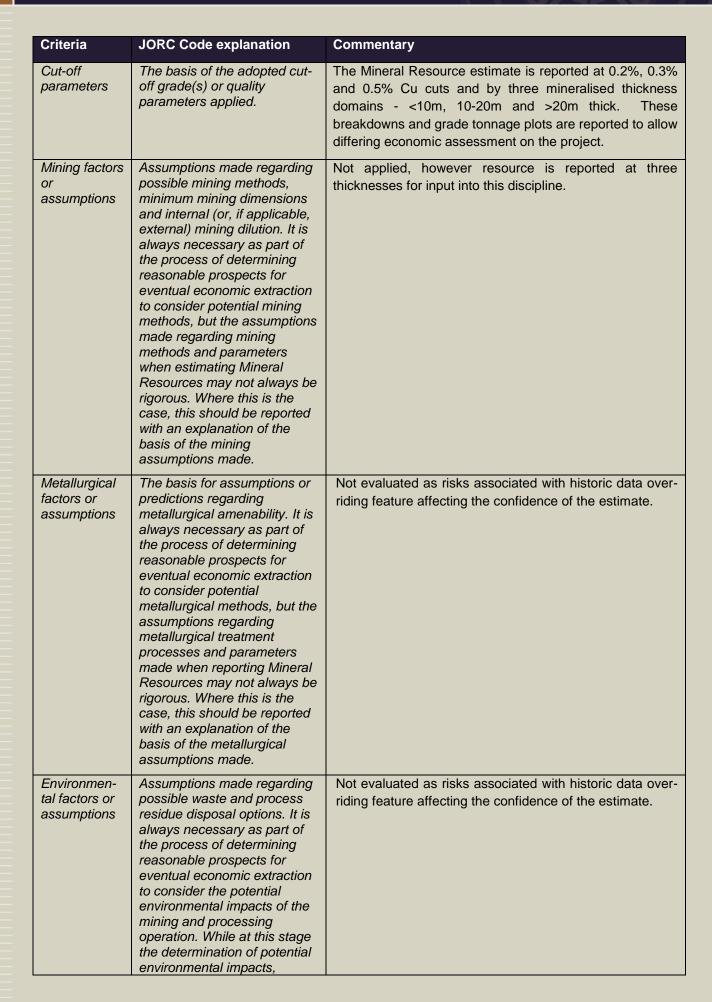
(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code explanation	Commentary
	·	Commentary
Database integrity	Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes. Data validation procedures used.	Data management protocols and provenance unknown. Limited cross checks with paper records of drill hole and assay data. Relational and spatial integrity assessed and considered acceptable.
Site visits	Comment on any site visits undertaken by the Competent Person and the outcome of those visits. If no site visits have been undertaken indicate why this is the case.	Not undertaken by CP. CP has viewed photos of chip trays with mineralisation taken by Stavely Minerals' personnel.
Geological interpretation	Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit. Nature of the data used and of any assumptions made. The effect, if any, of alternative interpretations on Mineral Resource estimation. The use of geology in guiding and controlling Mineral Resource estimation. The factors affecting continuity both of grade and geology.	Single planar flat-lying horizon of supergene mineralisation containing areas where mineralisation thickens and copper grade tenor increases. A 0.2% Cu cut was utilised to domain the extents of the better mineralisation and this domain used as a hard boundary for grade interpolation.
Dimensions	The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.	Extends intermittently for a strike length of 4,000m (NS) a breadth of 1,500m and vertically up to 60m thick. The model includes prospects known as Thursday's Gossan Chalcocite Copper, Junction and Drysdale. The block model and grade estimate encompasses the extent of the mineralisation.
Estimation and modelling techniques	The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted	Copper grades were interpolated into a Vulcan [™] non-regular block model with 20x20x10 metre parent blocks – subblocked to 2.5x2.5x2.5 metre minimum block dimensions. 3m composite intervals utilised. No high grade sample treatment applied.



Criteria	JORC Code explanation	Commentary
	estimation method was chosen include a description of computer software and parameters used.	Single pass ID2 interpolation run employed utilising 200m sample search within the plane of mineralisation (97.8% of blocks within the TIN domain estimated).
	The availability of check estimates, previous estimates	Minimum of 10 and maximum of 20 composites utilised to estimate grade.
	and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.	The Mt Ararat Mineral Resource is classified as Inferred under the guidelines set out in the 2012 JORC Code.
	The assumptions made regarding recovery of by-products.	
	Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).	
	In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.	
	Any assumptions behind modelling of selective mining units.	
	Any assumptions about correlation between variables.	
	Description of how the geological interpretation was used to control the resource estimates.	
	Discussion of basis for using or not using grade cutting or capping.	
	The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.	
Moisture	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content	27 of 28 AC/RC holes with moisture information recorded wet drilling conditions through the mineralisation. It is unknown if the wet conditions has introduced bias or contamination into the dataset as relevant/detailed information is not available.
		Available core recovery data suggests that biases caused by both loss and enrichment may be affecting the resource dataset.







Criteria	JORC Code explanation	Commentary
	particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	
Bulk density	Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples. The bulk density for bulk material must have been	A single tonnage factor of 2.10 tonnes/m³ was applied to all mineralisation.
	measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit. Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.	
Classification	The basis for the classification of the Mineral Resources into varying confidence categories. Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data). Whether the result appropriately reflects the	The estimate is classified as Inferred under the JORC Code (2012 Edition). Absence of QA/QC, the indicated sampling and assaying issues and absence of important data for evaluating other risks to the estimate (such as recover and moisture versus grade) are key factors in assigning an Inferred Classification.
Audits or	Competent Person's view of the deposit. The results of any audits or	No audit or review of Mineral Resource estimate
reviews	reviews of Mineral Resource estimates.	undertaken.
Discussion of relative	Where appropriate a statement of the relative	Not undertaken other than that stated under the classification section.



Criteria	JORC Code explanation	Commentary
accuracy/ confidence	accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.	
	The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	