NEXUSMINERALS

ASX ANNOUNCEMENT **21 April 2022**

Extensive Near Surface and Deep High-Grade Gold Mineralisation Links Crusader-Templar

ASX: NXM
Capital Structure

Shares on Issue 288 million
Options 20 million

Corporate Directory

Mr Paul Boyatzis
Non-Executive Chairman

Mr Andy Tudor
Managing Director

Dr Mark Elliott
Non-Executive Director

Mr Bruce Maluish
Non-Executive Director

Mr Phillip Macleod
Company Secretary

Company Projects

Wallbrook Gold Project

Bethanga Copper-Gold Project

Pinnacles Gold Project

Pinnacles JV Gold Project (with Northern Star Limited ASX:NST)

Mt Celia Gold Project

Crusader-Templar Prospect Highlights

- **Drilling at Crusader-Templar intersects broad high-grade mineralisation in both shallow and deep drill holes**
- **Link zone results connects Crusader with Templar forming a continuous 1.6km mineralised corridor**
- **Assay results from 43 RC holes for 10,003m received**
- **41 RC drill holes intersect gold mineralisation exhibiting strike and depth continuity**
- **Notable results (listed by depth) from RC drilling include:**
  - **5m @ 4.09g/t Au** (within **43m @ 1.20g/t Au** from 20m);
  - **7m @ 3.40g/t Au** (within **20m @ 1.27g/t Au** from 28m);
  - **3m @ 4.91g/t Au** (within**20m @ 1.43g/t Au** from 43m);
  - **3m @ 10.53g/t Au** (within **15m @ 2.28g/t Au** from 68m);
  - **5m @ 3.55g/t Au** (within **16m @ 1.48g/t Au** from 70m);
  - **5m @ 3.49g/t Au** (within **19m @ 1.18g/t Au** from 82m);
  - **9m @ 5.48g/t Au** (within **41m @ 1.99g/t Au** from 92m);
  - **11m @ 3.24g/t Au** (within **30m @ 1.76g/t Au** from 97m);
  - **7m @ 2.20g/t Au** (within **32m @ 1.33g/t Au** from 114m);
  - **3m @ 3.90g/t Au** (within **5m @ 2.92g/t Au** from 187m);
  - **4m @ 16.14g/t Au** (within **9m @ 7.32g/t Au** from 203m);
  - **7m @ 4.13g/t Au** (within **12m @ 2.90g/t Au** from 245m);
  - **4m @ 3.12g/t Au** (within **9m @ 1.57g/t Au** from 261m).

Regional Exploration Highlights

- **Initial RC drill programs completed at Solomon and Branches prospects – results are pending**
- **Regional gravity survey now ~50% completed**

Nexus Minerals Limited (ASX: NXM) (Nexus or **the Company)** is pleased to announce further high-grade gold assay results from drilling completed at the Crusader – Templar Prospect, within the Company's Wallbrook gold project in WA.

The gold mineralisation tenor and widths observed in these recent holes complement and enhance the results seen in previous drilling at Crusader-Templar, with broad high-grade mineralisation being intersected in these latest drill results:

- Near surface to <100m oxide levels as seen in:
  - Hole#256: **5m @ 4.09/t Au** within **43m @ 1.20 g/t Au** from 20m; and
  - Hole#360: **7m @ 3.40g/t Au** within **20m @ 1.27g/t Au** from 28m.
- Transition levels at ~100 meters as seen in:
  - Hole#263: **9m @ 5.48g/t Au** and **2m @ 4.55g/t Au** within **41m @ 1.99g/t Au** from 92m; and
  - Hole#257: **11m @ 3.24g/t Au** within **30m @ 1.76g/t Au** from 97m.
- Deeper primary levels beyond 200m depth as seen in:
  - Hole#372: **4m @ 16.14g/t Au** within **9m @ 7.32g/t Au** from 203m meters; and
  - Hole#393: **7m @ 4.13g/t Au** within **12m @ 2.90g/t Au** from 245m.

The results from this first program of drill holes into the link zone are very encouraging, intersecting broad and consistent mineralisation. To have intersected the mineralisation as modelled positions Nexus to undertake further infill and extensional drilling to define and extend this evolving 1.6km mineralised corridor.

Nexus Managing Director Andy Tudor commented *"The drill results continue to impress, with broad high-grade zones of mineralisation being returned. The positive link zone drill results allow us to confidently confirm the joining of the Crusader and Templar prospects into a single 1.6km mineralised corridor. With the 5 drill rigs continuing to operate on site as planned, we are now well into the 6,000m diamond drill program and the follow-up 40,000m RC program at Crusader-Templar. The strength of these results continues to build our confidence in the potential for the Crusader-Templar Prospect to evolve into a very large mineralised system."*

Hole ID	Easting	Northing	mRL	Azimuth	Dip	EOH (m)	From(m)	To (m)	Interval (m)	g/t Au
NMWBRC21-252	433391	6697222	374	90	-60	150	82	101	19	1.18
						inc	82	87	5	3.49
NMWBRC21-256	433396	6697260	374	90	-60	102	20	63	43	1.20
						inc	21	26	5	4.09
						and	43	63	20	1.43
						inc	55	58	3	4.91
NMWBRC21-257	433370	6697259	374	90	-60	174	97	127	30	1.76
						inc	103	114	11	3.24
NMWBRC21-260	433218	6697257	373	90	-60	300	261	270	9	1.57
						inc	261	265	4	3.12
NMWBRC21-263	433270	6697698	371	90	-60	246	68	83	15	2.28
						inc	72	75	3	10.53
							92	133	41	1.99
						inc	112	114	2	4.55
						and	119	128	9	5.48
NMWBRC22-344	433324	6697060	374.589	90	-60	204	70	86	16	1.48
						inc	70	75	5	3.55
NMWBRC22-345	433281	6697059	374.421	90	-60	276	187	192	5	2.92
						inc	188	191	3	3.90
NMWBRC22-349	433277	6697304	372.801	90	-60	252	28	47	19	0.87
							33	40	7	2.04
NMWBRC22-360	433231	6697502	371.675	90	-60	264	28	48	20	1.27
						inc	41	48	7	3.40
NMWBRC22-362	433288	6696983	374.819	90	-60	156	60	93	33	0.50
						inc	80	90	10	1.16
NMWBRC22-372	433301	6697575	372.072	90	-60	306	203	212	9	7.32
						inc	205	209	4	16.14
NMWBRC22-393	433211	6697381	372.046	90	-60	300	240	268	28	1.37
						inc	245	257	12	2.90
						inc	245	252	7	4.13
NMWBRC22-399	433277	6697621	371.682	90	-60	330	114	146	32	1.33
						inc	117	124	7	2.20

Table 1: Crusader – Templar Prospect RC Drill Holes Selected Significant Intercepts

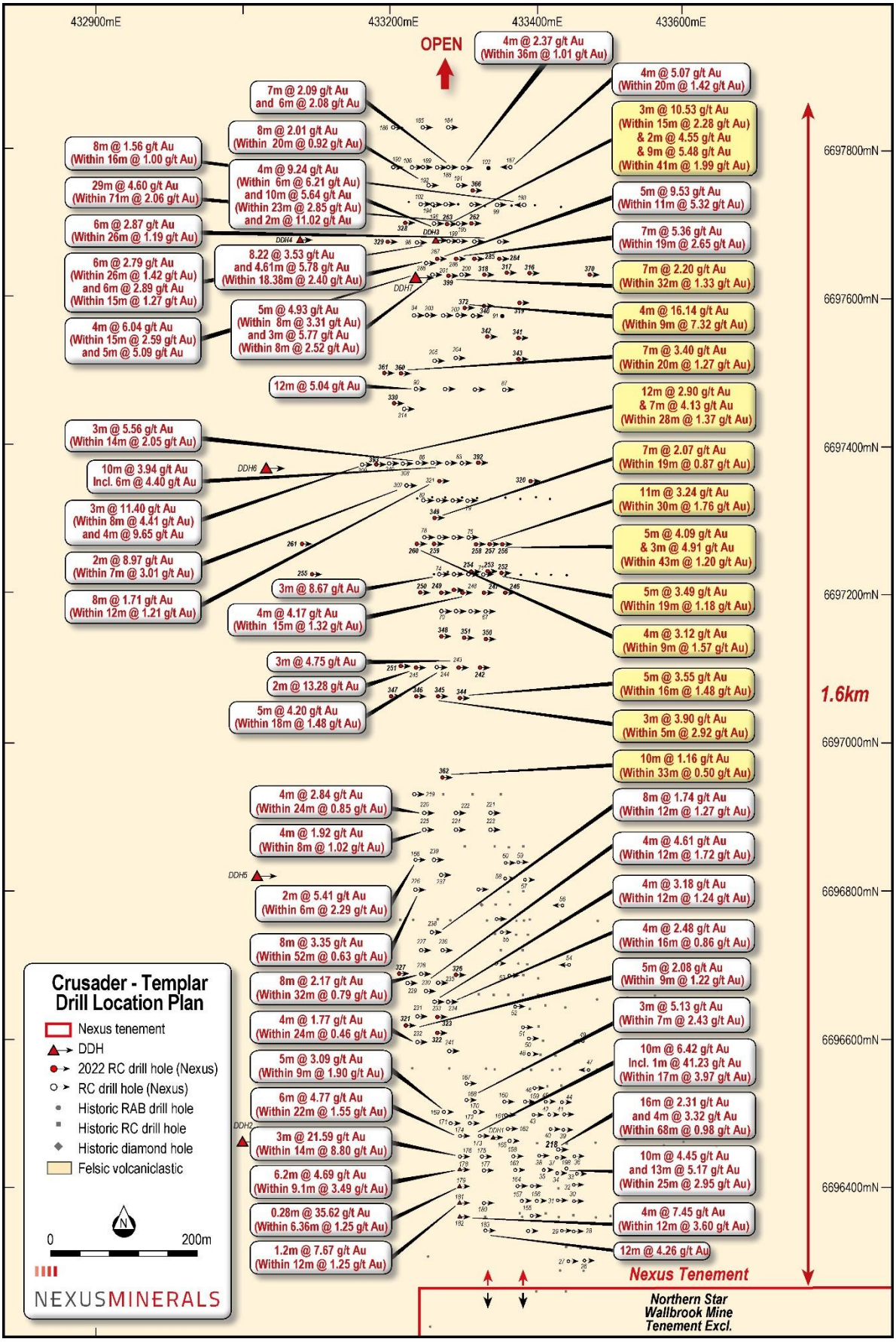

Figure 1: Crusader – Templar Prospect Drill Hole Location Plan
(Yellow highlighted boxes selected new results / White boxes Nexus drill results)

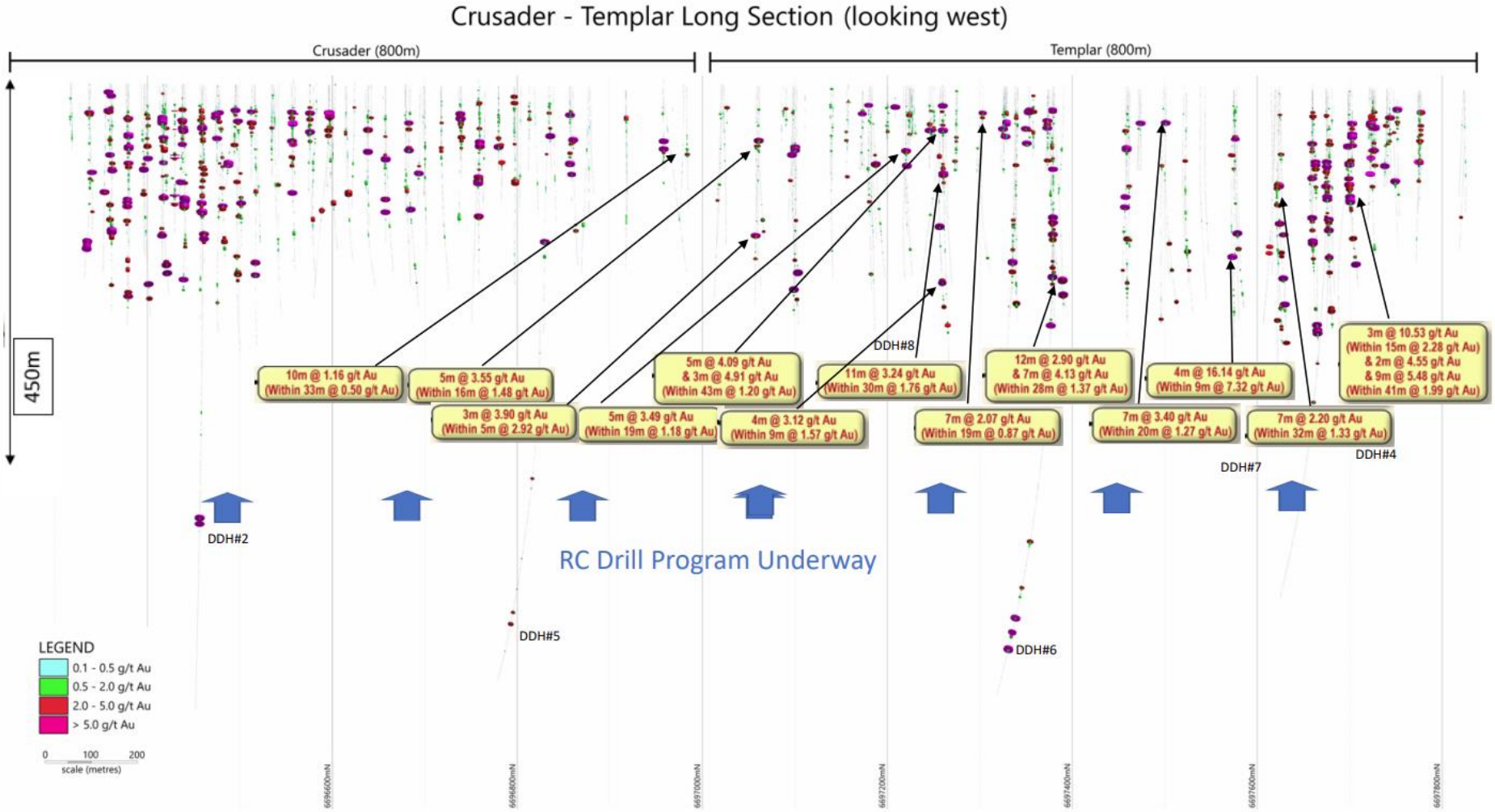

Figure 2: Crusader–Templar Prospect All Drill Holes Long Section
Looking West 1.6km Strike Extent
All existing RC and diamond drill strings with results colour coded for downhole gold values.

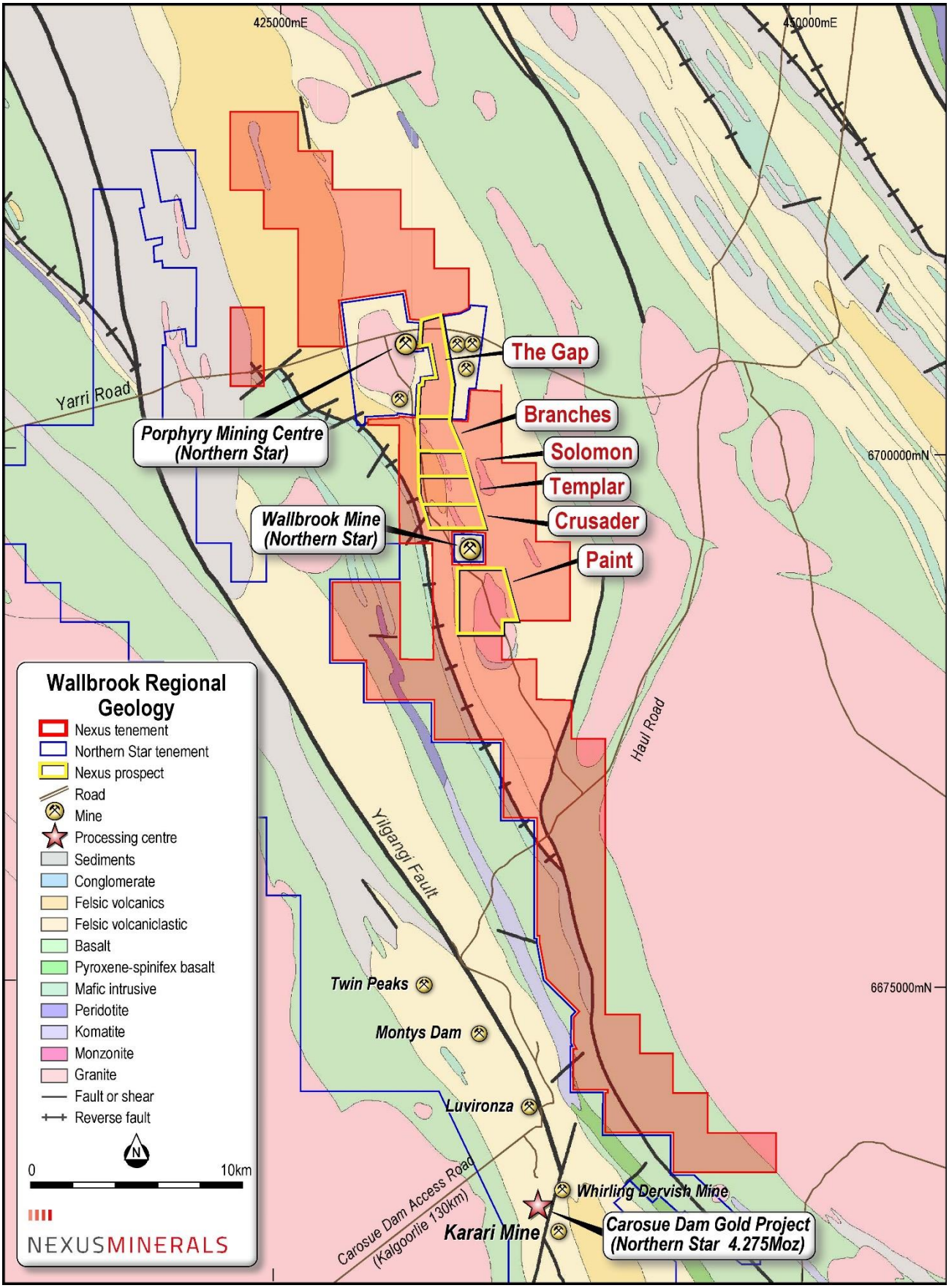

Figure 3: Nexus Wallbrook Project Tenure and Prospects

Regional Exploration Activities

The Company has undertaken initial RC drilling of two regional exploration targets, Solomon and Branches prospects. These prospects were identified by regional gravity and magnetic surveys (Figure 4).

At the Solomon prospect, Nexus drilled 3 broad spaced RC lines (17 RC drill holes for 3,812m), testing for the northern extension of the mineralised corridor ~800m north of Crusader-Templar. The holes sucessfully intersected similar host rocks and alteration style as that observed in the Crusader-Templar mineralised corridor. That being a hematitie altered / silicified quartz porphyry that has intruded a volcaniclastic host rock unit. Results are pending.

At the Branches prospect the Company has completed a 19 RC hole – 4,094m drill program. The Branches prospect is a further 2km north of the Solomon prospect with historical Nexus drilling results at the prospect including 25m @ 2.86g/t Au from 43m (see ASX release dated 23 November 2020). Early indications are promising with extensive hematitie altered / silicified quartz porphyry rock units being intersected. Results are pending.

Nexus has also completed approximately 50% of a regional gravity survey which will concentrate on an area of some 95km^2 in the central project area. The survey will cover the same area that had a ground magnetic survey completed by Nexus in 2021, the results of that survey are shown in Figure 4 below. The aim being to identify gravity low corridors coincident with the existing ground magnetic anomalies, providing further regional targets for drill testing.

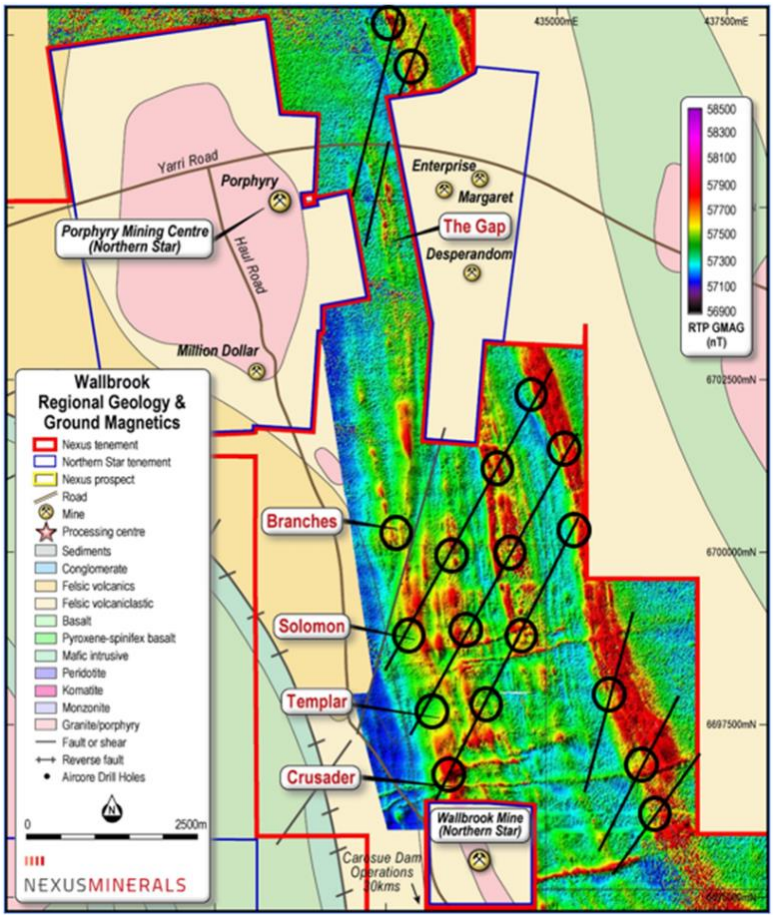

Figure 4: Nexus Wallbrook Regional Targets Location Plan

Appendix 1

Hole ID	Easting	Northing	mRL	Azimuth	Dip	EOH (m)	From(m)	To (m)	Interval (m)	g/t Au
NMWBRC21-250	433234	6697183	373	90	-60	324	27	28	1	0.17
							73	74	1	0.29
							100	101	1	0.19
							164	165	1	0.17
							171	182	11	0.13
							254	259	5	0.24
NMWBRC21-251	433213	6697098	374	90	-60	331	33	36	3	1.15
							41	44	3	0.11
							51	52	1	0.12
							90	92	2	0.14
							139	140	1	0.14
							160	162	2	0.34
							229	230	1	0.28
							240	241	1	0.48
							284	285	1	0.18
							291	303	12	0.53
						inc	291	294	3	1.38
							319	320	1	0.13
NMWBRC21-252	433391	6697222	374	90	-60	150	19	21	2	0.11
							26	27	1	0.22
							38	39	1	0.16
							43	44	1	0.12
							82	101	19	1.18
						inc	82	87	5	3.49
NMWBRC21-253	433350	6697218	374	90	-60	198	82	83	1	0.11
							164	166	2	0.26
							177	183	6	0.22
NMWBRC21-254	433319	6697221	373	90	-60	246	25	26	1	0.70
							32	38	6	0.22
							70	72	2	0.20
							97	99	2	0.15
							128	129	1	0.41
							137	138	1	0.11
							147	148	1	0.46
							208	213	5	0.89
NMWBRC21-255	433098	6697220	374	90	-60	264	11	12	1	0.10
							107	108	1	0.23
							123	124	1	0.16
							150	151	1	0.24
NMWBRC21-256	433396	6697260	374	90	-60	102	0	1	1	0.17
							20	63	43	1.20
						inc	21	26	5	4.09
						and	43	63	20	1.43
						inc	55	58	3	4.91
NMWBRC21-257	433370	6697259	374	90	-60	174	32	35	3	1.03
							97	127	30	1.76
						inc	103	114	11	3.24
							132	133	1	0.51
							150	151	1	0.13
							170	171	1	0.20

Table 2: Crusader – Templar Prospect RC Drill Holes All Intercepts >0.1g/t Au

Hole ID	Easting	Northing	mRL	Azimuth	Dip	EOH (m)	From(m)	To (m)	Interval (m)	g/t Au
NMWBRC21-258	433336	6697262	373	90	-60	258	35	37	2	0.62
							42	43	1	0.11
							163	164	1	0.22
							167	171	4	0.11
							178	179	1	0.18
							184	185	1	0.14
NMWBRC21-259	433255	6697257	373	90	-60	234	47	48	1	0.65
							83	89	6	1.23
						inc	86	89	3	2.04
							119	126	7	0.19
							180	186	6	1.58
						inc	180	183	3	3.01
							191	195	4	0.12
							205	209	4	0.47
NMWBRC21-260	433218	6697257	373	90	-60	300	146	150	4	0.41
							244	246	2	0.20
							261	270	9	1.57
						inc	261	265	4	3.12
							282	284	2	0.37
							297	300 (EOH)	3	1.65
NMWBRC21-261	433088	6697258	374	90	-60	246	100	102	2	0.14
							106	107	1	0.14
							112	113	1	0.12
							117	118	1	0.16
							134	135	1	0.16
							144	145	1	0.56
							149	150	1	0.13
							166	167	1	1.73
NMWBRC21-262	433316	6697699	372	90	-60	174	19	28	9	0.15
							33	39	6	0.32
							49	50	1	0.11
							64	65	1	0.11
							88	93	5	1.66
						inc	88	90	2	3.51
							102	104	2	0.57
NMWBRC21-263	433270	6697698	371	90	-60	246	34	35	1	0.22
							53	58	5	0.11
							68	83	15	2.28
						inc	72	75	3	10.53
							92	133	41	1.99
						inc	112	114	2	4.55
						and	119	128	9	5.48
							138	139	1	0.17
							144	156	12	0.52
						inc	149	153	4	1.28
							186	187	1	0.17
NMWBRC22-316	433415	6697619	373	90	-60	120	NSI			
NMWBRC22-317	433376	6697620	372	90	-60	240	NSI			

Table 2 (cont'd): Crusader – Templar Prospect RC Drill Holes All Intercepts >0.1g/t Au

Hole ID	Easting	Northing	mRL	Azimuth	Dip	EOH (m)	From(m)	To (m)	Interval (m)	g/t Au
NMWBRC22-326	433327	6696680	376	90	-60	178	37	47	10	0.22
							53	54	1	0.14
							82	83	1	0.54
							111	113	2	0.34
							118	130	12	0.33
							136	142	6	0.55
NMWBRC22-327	433251	6696679	376	90	-60	288	34	35	1	0.45
							45	48	3	0.20
							143	161	18	0.84
						inc	157	158	1	10.40
							167	175	8	0.37
							184	185	1	0.11
							193	194	1	0.15
							227	236	9	0.66
							252	255	3	0.55
NMWBRC22-328	433210	6697701	371	90	-60	320	99	102	3	0.84
							193	194	1	0.11
							263	268	5	0.14
							307	308	1	0.23
NMWBRC22-329	433180	6697681	371	90	-60	268	38	49	11	0.35
						inc	39	41	2	1.06
							66	67	1	0.12
							72	73	1	0.22
							77	78	1	0.14
							121	126	5	0.65
							211	212	1	0.14
NMWBRC22-330	433204	6697462	372	90	-90	84	32	33	1	0.29
NMWBRC22-340	433340	6697578	372	90	-60	300	23	27	4	0.32
							171	172	1	0.11
							178	182	4	0.12
NMWBRC22-341	433389	6697544	373	90	-60	222	34	38	4	0.16
							176	177	1	0.54
NMWBRC22-342	433348	6697539	372	90	-60	288	150	151	1	0.31
							172	176	4	0.24
NMWBRC22-343	433393	6697521	373	90	-60	216	34	35	1	0.67
NMWBRC22-344	433324	6697060	375	90	-60	204	47	52	5	0.48
							70	86	16	1.48
						inc	70	75	5	3.55
							147	148	1	0.14
							155	156	1	0.48
							174	178	4	1.65
							192	194	2	1.17
NMWBRC22-345	433281	6697059	374	90	-60	276	34	36	2	0.14
							41	42	1	0.26
							46	47	1	0.52
							51	54	3	0.14
							61	62	1	0.15
							71	81	10	0.84
						inc	76	80	4	1.68
							93	94	1	0.50
							187	192	5	2.92
						inc	188	191	3	3.90
							196	210	14	0.16
							215	224	9	0.61
						inc	216	218	2	1.94
							235	236	1	0.33
							268	269	1	0.20

Table 2 (cont'd): Crusader – Templar Prospect RC Drill Holes All Intercepts >0.1g/t Au

Hole ID	Easting	Northing	mRL	Azimuth	Dip	EOH (m)	From(m)	To (m)	Interval (m)	g/t Au
NMWBRC22-346	433248	6697061	374	90	-60	204	30	34	4	0.63
							103	104	1	0.79
							122	131	9	0.23
							141	143	2	0.17
							161	162	1	0.12
							202	203	1	0.16
NMWBRC22-347	433207	6696061	375	90	-60	282	5	6	1	0.15
							31	32	1	0.34
							43	44	1	0.12
							49	50	1	0.26
							62	63	1	0.12
							83	84	1	1.66
							159	160	1	0.14
							183	188	5	0.20
							197	199	2	0.23
							220	221	1	0.14
NMWBRC22-348	433281	6697140	374	90	-60	258	4	5	1	1.94
							25	29	4	0.30
							62	75	13	0.33
						inc	62	66	4	0.75
							80	83	3	0.75
							132	136	4	0.17
							150	152	2	0.17
							162	163	1	0.37
							215	216	1	1.09
							221	222	1	0.11
NMWBRC22-349	433277	6697304	373	90	-60	252	28	47	19	0.87
							33	40	7	2.04
							57	58	1	0.31
							97	101	4	0.14
							127	128	1	0.42
							162	163	1	0.15
							225	228	3	0.82
NMWBRC22-350	433361	6697142	374	90	-60	118	28	32	4	0.30
							38	39	1	0.49
							48	58	10	0.33
							117	118 (EOH)	1	0.31
NMWBRC22-351	433320	6697139	374	90	-60	118	24	30	6	0.78
						inc	24	28	4	1.11
							38	42	4	0.43
							111	116	5	0.12
NMWBRC22-360	433231	6697502	372	90	-60	264	28	48	20	1.27
						inc	41	48	7	3.40
							54	66	12	0.10
							106	112	6	0.46
							117	119	2	0.50
							194	196	2	0.13
							252	253	1	0.27
NMWBRC22-361	433193	6697501	371	90	-60	312	43	49	6	0.16
							165	166	1	0.20
							173	174	1	0.20
							193	204	11	0.52
						inc	202	203	1	3.28
							233	243	10	0.47
						inc	240	241	1	2.52
							287	293	6	1.00
							289	291	2	2.44

Table 2 (cont'd): Crusader – Templar Prospect RC Drill Holes All Intercepts >0.1g/t Au

Hole ID	Easting	Northing	mRL	Azimuth	Dip	EOH (m)	From(m)	To (m)	Interval (m)	g/t Au
NMWBRC22-362	433288	6696983	375	90	-60	156	60	93	33	0.50
						inc	80	90	10	1.16
NMWBRC22-366	433314	6697740	371	90	-60	108	42	71	29	0.42
							65	70	5	1.52
							77	78	1	0.11
							83	84	1	0.50
NMWBRC22-370	433475	6697615	373	270	-60	300	146	147	1	0.25
							191	197	6	0.12
							202	215	13	0.92
						inc	204	205	1	4.53
						and	212	213	1	4.37
							288	289	1	0.12
NMWBRC22-372	433301	6697575	372	90	-60	306	12	13	1	0.17
							23	24	1	1.25
							36	37	1	0.14
							70	74	4	0.21
							82	84	2	3.32
							167	178	11	0.42
							203	212	9	7.32
						inc	205	209	4	16.14
							248	249	1	0.97
							254	289	35	0.29
NMWBRC22-392	433332	6697380	373	90	-60	234	38	39	1	0.93
							46	47	1	1.26
							109	132	23	0.50
							145	148	3	0.67
							154	156	2	0.97
NMWBRC22-393	433211	6697381	372	90	-60	300	118	120	2	0.21
							173	174	1	0.14
							180	188	8	0.53
						inc	180	181	1	2.44
							202	203	1	0.97
							216	234	18	0.49
						inc	233	234	1	3.64
							240	268	28	1.37
						inc	245	257	12	2.90
						inc	245	252	7	4.13
NMWBRC22-396	433296	6697182	374	90	-60	210	23	24	1	0.55
							39	50	11	0.32
							139	140	1	0.59
							160	161	1	0.13
							183	188	5	0.20
NMWBRC22-399	433277	6697621	372	90	-60	330	35	36	1	0.15
							99	102	3	0.28
							114	146	32	1.33
						inc	117	124	7	2.20
						and	143	145	2	3.35
							173	174	1	0.66
							182	224	42	0.40
						inc	200	205	5	1.16
							274	284	10	1.00
						inc	275	281	6	1.51
							295	307	12	0.81
							320	325	5	0.34

Table 2 (cont'd): Crusader – Templar Prospect RC Drill Holes All Intercepts >0.1g/t Au

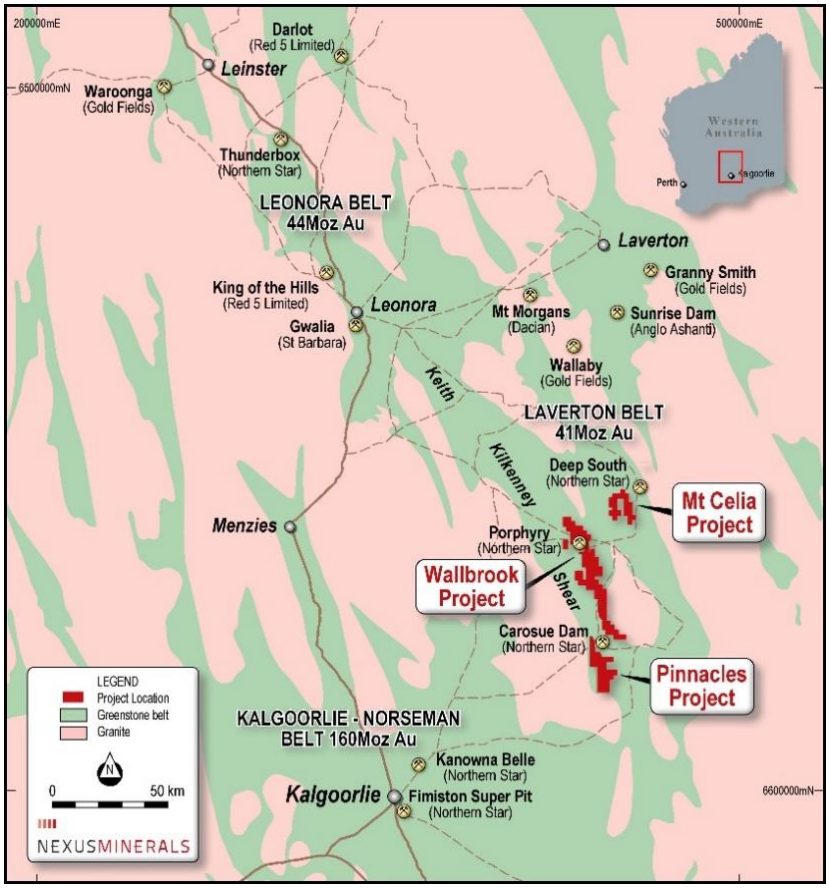

Figure 5: Nexus Project Locations, Eastern Goldfields, WA

This announcement is authorised for release by Mr Andy Tudor, Managing Director, Nexus Minerals Limited.

About Nexus

Nexus is actively exploring for gold deposits on its highly prospective tenement package in the Eastern Goldfields of Western Australia. In addition to this, the company has recently expanded its existing project portfolio with the addition of the Bethanga Porphyry Copper-Gold project in Victoria.

In Western Australia, the consolidation of the highly prospective Wallbrook Gold Project (250km2) by the amalgamation of existing Nexus tenements with others acquired, will advance these gold exploration efforts.

Nexus Minerals' tenement package at the Wallbrook Gold Project commences immediately to the north of Northern Star's multi-million ounce Carosue Dam mining operations, and current operating Karari and Whirling Dervish underground gold mines. Nexus holds a significant land package of highly prospective geological terrane within a major regional structural corridor and is exploring for gold deposits.

Nexus is actively investing in new exploration techniques to refine the targeting approach for their current and future tenements.

- Ends –

Enquiries **Mr Andy Tudor, Managing Director**
Mr Paul Boyatzis, Non-Executive Chairman
Contact **Phone: 08 9481 1749**
Website **www.nexus-minerals.com**
ASX Code **NXM**

Northern Star Ltd Carosue Dam Reserve and Resource Table

MINERAL RESOURCES AS AT 31 MARCH 2021												
	MEASURED			INDICATED			INFERRED			TOTAL RESOURCES		
	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces	Tonnes	Grade	Ounces
NST ATTRIBUTABLE INCLUSIVE OF RESERVE	(000's)	(gpt)	(000's)	(000's)	(gpt)	(000's)	(000's)	(gpt)	(000's)	(000's)	(gpt)	(000's)
CAROSUE DAM GOLD PROJECT												
Surface	3,123	1.5	149	24,270	1.6	1,278	9,670	1.4	429	37,062	1.6	1,856
Underground	6,522	2.9	602	13,968	2.6	1,184	6,583	2.9	546	27,074	2.8	2,332
Stockpiles	3,212	2.0	81	-	-	-	-	-	-	3,212	2.0	81
Gold in Circuit	-	-	7	-	-	-	-	-	-	-	-	7
Sub-Total Carosue Dam	12,857	2.0	838	38,238	2.0	2,463	16,253	2.0	975	67,348	2.0	4,275

Source: Northern Star website (www.nsrltd.com) Northern Star Ltd Annual Report 2021 Mineral Resources as at 31 March 2021

The information in this release that relates to Exploration Results, Mineral Resources or Ore Reserves is based on, and fairly represents, information and supporting documentation, prepared, compiled or reviewed by Mr Andy Tudor, who is a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Tudor is the Managing Director and full-time employee of Nexus Minerals Limited. Mr Tudor has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Tudor consents to the inclusion in the release of the matters based on his information in the form and context in which it appears. The results are available to be viewed on the Company website www.nexus-minerals.com. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

The information in this release that relates to the Crusader Mineral Resource Estimate is based upon information compiled by Mr Adam James, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr James is a full-time employee and the Exploration Manager of Nexus Minerals Limited. Mr James 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 James consents to the inclusion in the release of matters based on his information in the form and context in which it appears.

No Ore Reserves have currently been defined on the Pinnacles or Wallbrook tenements. There has been insufficient exploration and technical studies to estimate an Ore Reserve and it is uncertain if further exploration and/or technical studies will result in the estimation of an Ore Reserve. The potential for the development of a mining operation and sale of ore from the Pinnacles or Wallbrook tenements has yet to be established.

FORWARD LOOKING AND CAUTIONARY STATEMENTS. Some statements in this announcement regarding estimates or future events are forward-looking statements. They include indications of, and guidance on, future earnings, cash flow, costs and financial performance. Forward looking statements include, but are not limited to, statements preceded by words such as "planned", "expected", "projected", "estimated", "may", "scheduled", "intends", "anticipates", "believes", "potential", "predict", "foresee", "proposed", "aim", "target", "opportunity", "could", "nominal", "conceptual" and similar expressions. Forward-looking statements, opinions and estimates included in this report are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward-looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward-looking statements may be affected by a range of variables that could cause actual results to differ from estimated results and may cause the Company's actual performance and financial results in future periods to materially differ from any projections of future performance or results expressed or implied by such forward-looking statements. So, there can be no assurance that actual outcomes will not materially differ from these forward-looking statements.

Appendix A 21/04/2022

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	*Nature and quality of sampling (eg 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 (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 where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	**RC** The sampling was carried out using Reverse Circulation Drilling (RC). RC chips provide high quality representative samples for analysis. Sampling was carried out in accordance with Nexus Minerals protocols and QAQC procedures which are considered to be industry best practice. RC holes were drilled with a 5.5inch face sampling bit, with 1m samples collected through a cyclone and cone splitter producing a 2-3kg sample. 1m samples were sent to the laboratory for analysis. Individual 1m samples were sent to the laboratory for analysis. All samples were pulverized at the laboratory to -75um, to produce a 50g charge for gold Fire Assay with ICP finish. Sample pulps were also subjected to additional laboratory XRF analysis – this was undertaken as part of the companies R&D project.
Drilling techniques	*Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).*	An RC drilling rig was used to undertake the RC drilling and collect the samples. The face sampling bit had a diameter of 5.5 inches (140mm).
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.*	All samples were dry with no significant ground water encountered. RC face sampling bits and dust suppression were used to minimise sample loss. Average RC meter sample weight recovered was 25kg with minimal variation between samples.

Criteria	JORC Code explanation	Commentary
	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.	No sample bias is believed to have occurred during the sampling process.
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.*	All RC chip samples were geologically logged by Nexus Minerals Geologists, using the approved Nexus Minerals logging code. Logging of RC chips: Lithology, mineralogy, alteration, mineralisation, colour, weathering and other characteristics as observed. All RC samples were wet sieved. All holes and all metres were geologically logged.
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.*	One metre RC drill samples pass through a cone splitter, installed directly beneath a rig mounted cyclone, and two 2-3kg samples collected in a numbered calico bags. The balance of the 1m sample ~25kg is collected in a green plastic bag. The green bags are placed in rows of 20 and the corresponding calico bag placed on top of the green bag. All samples submitted for analysis were dry. Samples were dried, and the whole sample pulverized to 85% passing 75um, with a sub-sample of ~200g retained. A nominal 50g was used for analysis. This is best industry practice. Duplicate field samples are taken from the cone splitter at 1:25 samples. Sampling methods and company QAQC protocols are best industry practice. Sample sizes are considered appropriate for the material being sampled and the sample size being submitted for analysis.
Quality of assay data and	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*	Samples were analysed at an accredited laboratory in either Perth or Kalgoorlie

Criteria	JORC Code explanation	Commentary
laboratory tests		All samples were analysed for gold only using Fire Assay technique with ICP finish. This method is considered appropriate for the material being assayed. The method provides a near total digestion of the material. This method is considered appropriate for the material being assayed. The method provides a near total digestion of the material.
	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.	No other geophysical tools, spectrometers etc… were used in this drill program.
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	Nexus Minerals protocol provides for Certified Reference Material (Standards and Blanks) to be inserted at a rate of 4 standards and 4 blank per 100 samples. Field duplicates are inserted at a rate of 1 per 25 samples. Industry acceptable levels of accuracy and precision have been returned.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	Significant intersections were verified by the Exploration Manager.
	The use of twinned holes.	No twin holes were drilled as part of this program
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	All field logging is carried out on a Toughbook computer. Data is submitted electronically to the database geologist in Perth. Assay files are received electronically from the laboratory and added to the database. All data is managed by the database geologist.
	Discuss any adjustment to assay data.	No adjustment to assay data has occurred.
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.*	Drill hole locations were determined using a handheld GPS, with an accuracy of 3m. Down hole surveys were taken using a Gyro survey tool with readings taken every 10m.
	Specification of the grid system used.	Grid projection is GDA94 Zone51.
	Quality and adequacy of topographic control.	The drill hole collar RL is allocated from a handheld GPS. Accuracy is +/- 3m.

Criteria	JORC Code explanation	Commentary
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.	Drilling took place at the **Crusader Templar Prospect**. This release refers to these prospects results only. The data spacing and distribution is not sufficient to establish the degree of geological and grade continuity appropriate for any Mineral Resource and Ore Reserve estimation procedure(s) and classifications to be applied. Yes as stated above.
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	The orientation of the drill lines is considered to be perpendicular to the strike of the regional structures controlling the mineralisation (0 degrees). Holes were drilled -60 degrees towards 090 degrees. The relationship between the drilling orientation and the orientation of key mineralised structures is not considered to have introduced a sampling bias.
Sample security	*The measures taken to ensure sample security.*	Pre numbered calico bags were placed into green plastic bags, sealed and transported to the laboratory in Kalgoorlie by company personnel.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	All sampling, logging, assaying and data handling techniques are considered to be industry best practice.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.*	Drilling was undertaken on tenement **M31/231 and M31/251.** Nexus 100% There are no other known material issues with the tenements.

Criteria	JORC Code explanation	Commentary
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The tenements are in good standing with the Western Australian Mines Department (DMP).
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	The tenement has been subject to minimal prior exploration activities.
Geology	*Deposit type, geological setting and style of mineralisation.*	Gold mineralisation in the Wallbrook area is known to be closely associated with quartz +/- pyrite and brick-red coloured haematitic alteration of high level porphyry intrusives and their volcanic / sedimentary host rocks.
Drill hole Information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *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.*	Refer to ASX announcements for full tables.
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	No top cuts have been applied to the reported assay results. No aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results. No metal equivalent values were reported.

Criteria	JORC Code explanation	Commentary
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	The orientation of the drill lines is considered to be perpendicular to the strike of the regional structures controlling the mineralisation (0 degrees). Holes were drilled -60 degrees towards 090 degrees. All reported intersections are 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 locations and appropriate sectional views.*	Refer to the maps included in the text.
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.*	Clearly stated in body of release
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.*	No other exploration data to be reported.
Further work	*The nature and scale of planned further work (eg 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.*	Post full assessment of recent drill results and integration with existing data sets, future work programs may include Aircore drilling and/or RC/Diamond drilling to follow up on the results received from this drill program.