# **ASX Announcement**

WILUNA MINING

20 July 2021 **ASX: WMC** 

# **BONANZA GRADE INTERCEPTS AT WILUNA - AMENDED**

Please see attached an amendment to the announcement lodged on Tuesday 20 July 2021, which has been updated with a correction to Figure 8.

**END** 

This announcement has been approved for release by the Executive Chair of Wiluna Mining Corporation Limited.

For further information on Wiluna Mining please contact:

Milan Jerkovic

Executive Chair +61 8 9322 6418

Jim Malone

General Manager Investor Relations +61 419 537 714 **Dannika Warburton** 

Media & Communications +61 401 094 261

# **About Wiluna Mining**

Wiluna Mining Corporation (ASX: WMC) is a Perth based, ASX listed gold mining company that controls over 1,600 square kilometres of the Yilgarn Region in the Northern Goldfields of Western Australia.

The Yilgarn Region has a historic and current gold endowment of over 380 million ounces, making it one of most prolific gold regions in the world. The Company owns 100% of the Wiluna Gold Operation which is the  $8^{th}$  largest gold district in Australia under single ownership based on overall JORC Mineral Resource.



#### **BOARD OF DIRECTORS**

Milan Jerkovic — Executive Chair
Neil Meadows- Operations Director
Sara Kelly — Non-Executive Director
Greg Fitzgerald — Non-Executive Director
Tony James- Non-Executive Director
Colin Jones — Non-Executive Director
Hansjoerg Plaggemars- Non- Executive

### **CORPORATE INFORMATION**

158.3 M Ordinary Shares
2.1 M Unquoted Options/ZEPO's

Level 3, 1 Altona Street, West Perth, WA 6005 PO Box 1412 West Perth WA 6872

T +61 8 9322 6418 F +61 8 9322 6429

info@wilunamining.com.au wilunamining.com.au

# **ASX Announcement**



20 July 2021 **ASX: WMC** 

# **BONANZA GRADE INTERCEPTS AT WILUNA**

# **HIGHLIGHTS**

• Multiple bonanza high grades with abundant coarse gold drilled at the Happy Jack zone, reinforces Wiluna as a high-grade gold system.

HJRD00025: 1.99m @298.8g/t including 0.76m @ 773.0g/t

HJRD00019: 8.67m @ 18.44g/t including 4.01m @ 36.28g/t; and 0.72m @ 35.10g/t
HJRD00026: 20.00m @ 7.33g/t including 2.22m @ 30.26g/t; and 4.00m @ 5.27g/t

HJRD00066: 4.75m @ 11.81g/t including 0.85m @ 59.40g/t

HJRD00027: 4.90m @ 13.30g/t

HJRD00024: 6.82m @ 9.37g/t including 0.69m @ 81.00g/t
HJRD00008: 6.62m @ 3.47g/t including 2.09m @ 9.41g/t

HJRD00017: 5.55m @ 7.09g/t

East Lode also returns thick high-grade intercepts over broad areas:

WURD0125W1: 14.90m @ 8.60g/t; and 10.20m @ 4.42g/t including 6.95m @ 5.06g/t

WURD0158: 14.30m @ 3.86g/t including 8.52m @ 5.71g/t

WURD0138: 11.24m @ 4.60g/t including 2.10m @ 6.85g/t and 3.13m @ 6.24g/t
WURD0143: 13.40m @ 4.26g/t including 0.73m @ 11.07g/t; and 4.77m @ 6.88g/t

- Multiple high-grade intercepts support potential higher grades in Stage 1 development.
- Drilling ongoing with multiple rigs aiming to upgrade resources and reserves in support of Stage 1 development and Stage 2 Expansion Feasibility Study.

Wiluna Mining Corporation Limited (ASX: WMC) (Wiluna Mining, WMC or the Company) announces bonanzagrade assays from resource development drilling at the Happy Jack and East Lode zones within the Wiluna Mining Centre.

Happy Jack and East Lode are initial mining areas in the Company's sulphide development plan, where redevelopment of the underground operation is already well advanced ahead of imminent production. The program aims to infill Inferred Resource areas with a view to upgrading geological confidence to Indicated or Measured category and converting these areas to reserves.

The program is also expected to increase the resource grade, with demonstrated high grades at good mining widths intersected beyond the current resource limits. The current high-grade resource at the Wiluna Mining Centre, above a 2.5 g/t cut-off, is 26.9Mt @ 4.89 g/t and the historic mined grade was considerably higher at 7



g/t to 11 g/t depending on the ore zone. It is considered that with results like these, the mined grade will increase when stoping commences in previously unmined areas in the September quarter this year. Increasing the mined grade at Wiluna is extremely important because every 1 g/t increase in grade adds an additional 25kozpa to production in Stage 1, increasing to an additional 50kozpa in Stage 2.

These results are from an additional 34 holes and 8,812m of resource development drilling, part of the Company's 100,000m program of RC and core drilling completed since the last Mineral Resource Estimate (ASX release dated 5 November 2020).

### **DRILLING HIGH-GRADE SULPHIDES**

Currently multiple rigs are drilling to further infill and grow the large-scale, high-grade gold system at Wiluna, with the intention to update the Mineral Resource and Ore Reserve estimates as part of the Company's inprogress Stage 2 Feasibility Study. The Company's goal is to build a 2.5Moz Measured and Indicated Resource to enhance mine planning and long-term option studies. The Wiluna Measured and Indicated Resource is already 2.14Moz @ 5.26g/t (above 2.5g/t cut-off).

Including historical production of over 4Moz, Wiluna's gold endowment defined to date is over 10Moz which ranks Wiluna alongside an exclusive peer group of large-scale, long-life mining centres in the Western Australian gold fields. For comparison, Wiluna is geologically like the high-grade Fosterville deposit (Kirkland Lake Gold Inc). Most historical production and existing resources occur in the upper 600m at Wiluna, with limited drilling during the past 15 years at depth on Wiluna Mining's exploration targets (Figure 1), which Wiluna Mining is systematically drilling to reveal the true scale of the Wiluna orebody over the next five years.

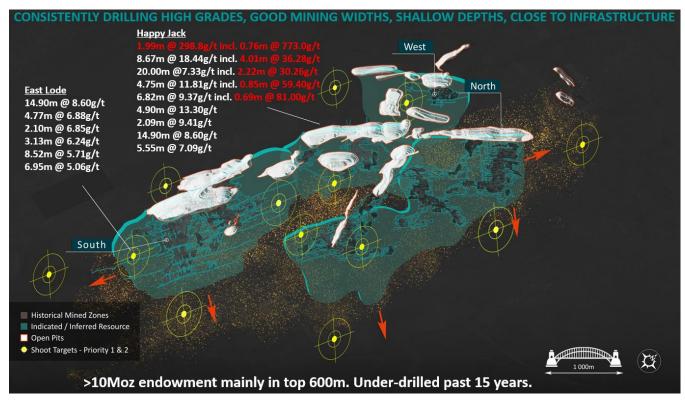


Figure 1: Wiluna Mining Centre targets for resource growth, latest selected intercepts with >1oz per tonne highlights.



## **HAPPY JACK**

Happy Jack is a high-grade ore zone located centrally within the Wiluna Gold Operation (Figure 1). Drilling has returned multiple bonanza high-grade intercepts over good mining widths within 300m of surface and close to the existing mine workings.

The program is primarily aimed at infilling the Inferred Resource areas within preliminary planned stopes, with a view to upgrading geological confidence to Indicated or Measured category and converting these areas to reserves. The program also shows the high-grade mineralised shear zone extends below the current Inferred and Indicated Resource limits (see Figure 3 & 4, and ASX release dated 17 June 2021).

HJRD00025: 1.99m @298.80g/t including 0.76m @ 773.00g/t

HJRD00019: 8.67m @ 18.44g/t including 4.01m @ 36.28g/t; and 0.72m @ 35.10g/t

HJRD00026: 20.00m @ 7.33g/t including 2.22m @ 30.26g/t; and 4.00m @ 5.27g/t

HJRD00066: 4.75m @ 11.81g/t including 0.85m @ 59.40g/t

HJRD00027: 4.90m @ 13.30g/t

HJRD00024: 6.82m @ 9.37g/t including 0.69m @ 81.00g/t

HJRD00008: 6.62m @ 3.47g/t including 2.09m @ 9.41g/t

HJRD00017: 5.55m @ 7.09g/t



Figure 2: Happy Jack drillhole HJRD00025 showing bonanza high-grade intercept with abundant visible gold (circled, "VG"). At Wiluna, high-grade sulphide zones contain visible gold and silica-albite-biotite alteration within intensely sheared and brecciated zones within basalt and dolerite host rocks.



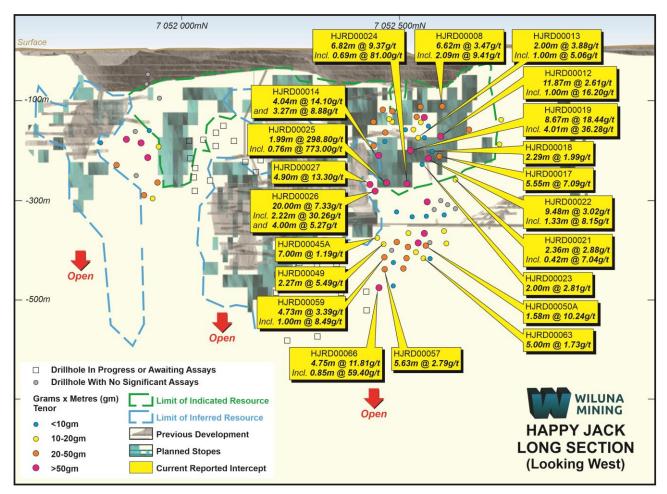


Figure 3: Happy Jack long section showing assay results from infill and extensional drilling. The ongoing program will continue to test extensions beyond the current Inferred and Indicated Resource extents.



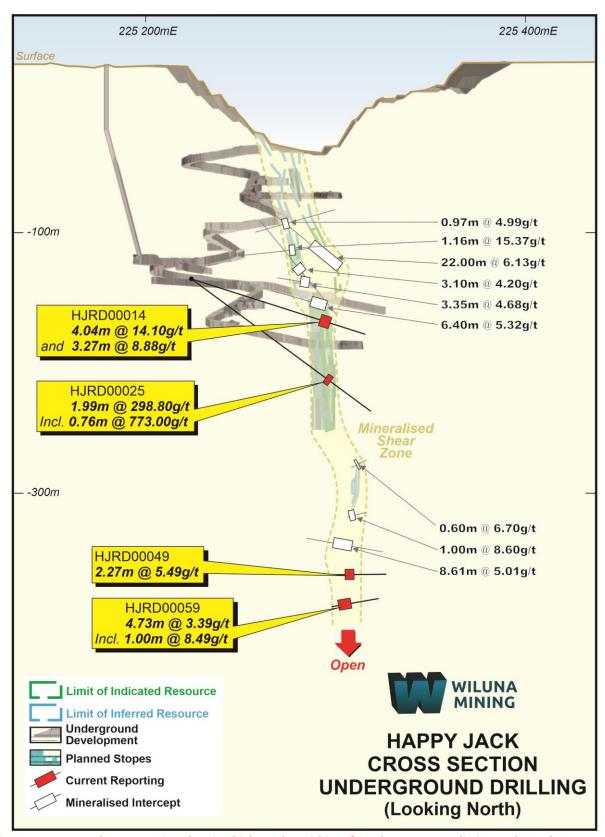


Figure 4: Happy Jack cross section showing high-grades within Inferred Resource preliminary planned stopes and down-dip extensions to the mineralised shear zone expected to grow the resource.



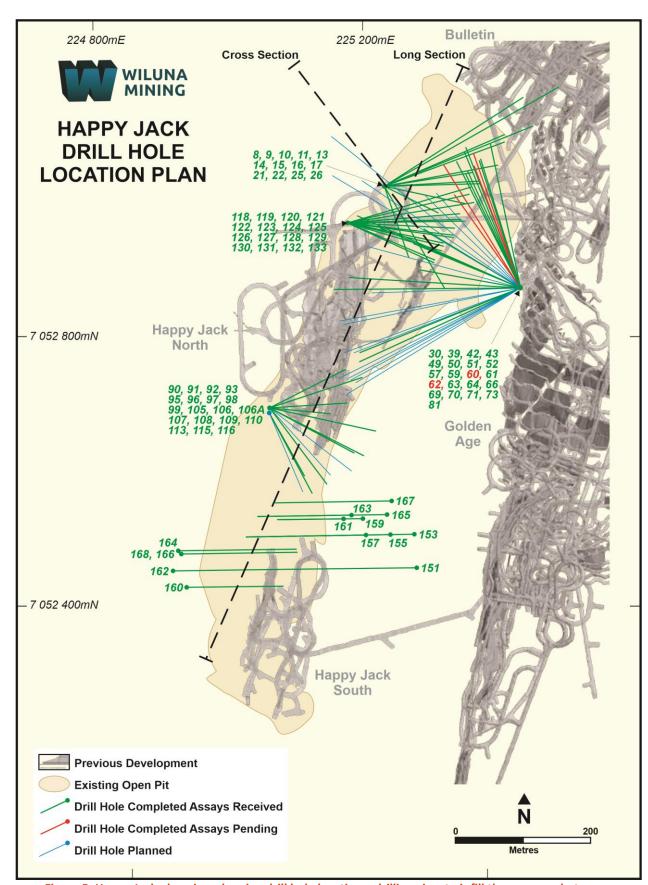


Figure 5: Happy Jack plan view showing drill hole locations; drilling aims to infill the resource between previously mined areas on the Happy Jack - Bulletin trend.



### **EAST LODE**

East Lode is a high-grade mining area located at the South Mine Area of the Wiluna Gold Operation (Figure 1). East Lode remains open and sparsely drilled in places, with the current program targeting:

- Infill of the existing high-grade Inferred Resource within the mining inventory, to upgrade geological confidence to Indicated Resource category to define reserves
- Infill and upgrade the resource confidence category of the poorly-drilled hangingwall and footwall lodes
- Further resource and reserve additions to the south and at depth along the full strike of East Lode

Drilling from surface positions in the central part of East Lode (Figure 6 & 7) continues to deliver multiple thick, high-grade intercepts over good mining widths, demonstrating the tenor of mineralisation in situ over considerable extents. East Lode is adequately drilled only to within 400m to 500m of surface and is open at depth, with depth extensions representing a key target for future resource growth.

Thick high-grade sulphide intersections at East Lode are in line with expectations with results including:

WURD0125W1: 14.90m @ 8.60g/t; and 10.20m @ 4.42g/t including 6.95m @ 5.06g/t

WURD0158: 14.30m @ 3.86g/t including 8.52m @ 5.71g/t

WURD0138: 11.24m @ 4.60g/t including 2.10m @ 6.85g/t and 3.13m @ 6.24g/t
WURD0143: 13.40m @ 4.26g/t including 0.73m @ 11.07g/t; and 4.77m @ 6.88g/t

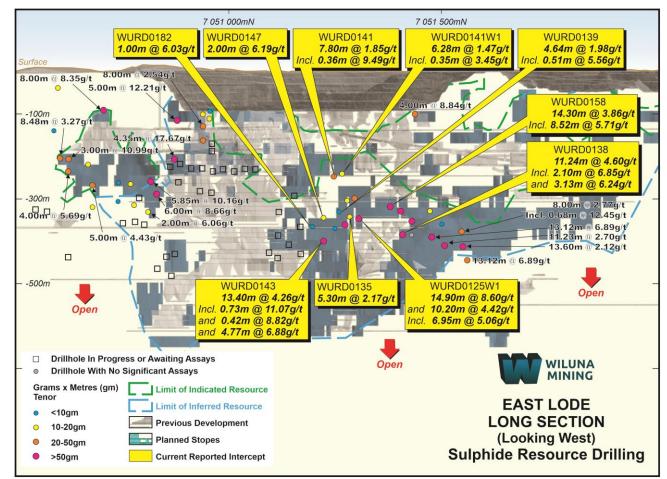


Figure 6: East Lode long section with drilling aimed at infilling the Inferred Resource outside of previously mined areas.



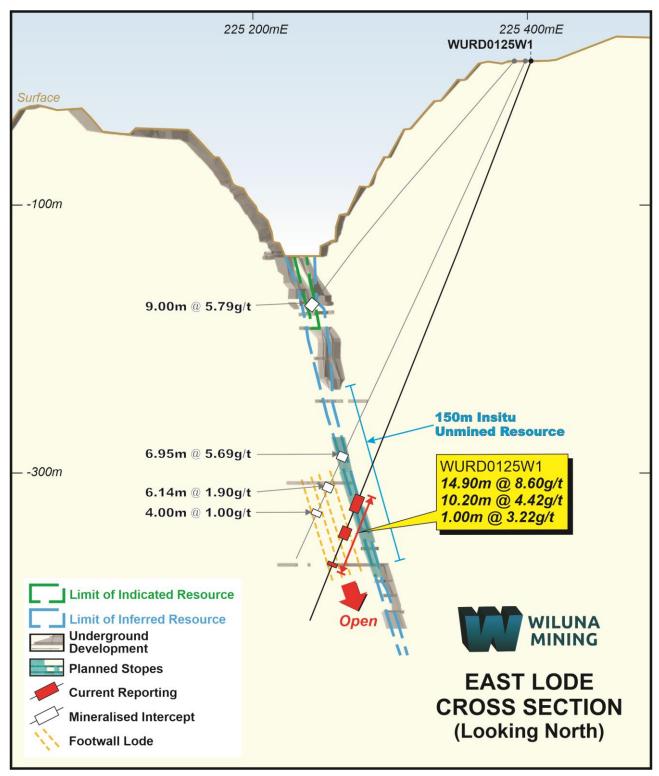


Figure 7: East Lode cross section demonstrating the high tenor of mineralisation within the Inferred Resource area and preliminary stope shapes. Note 150m of down-dip extent between historically mined stopes.



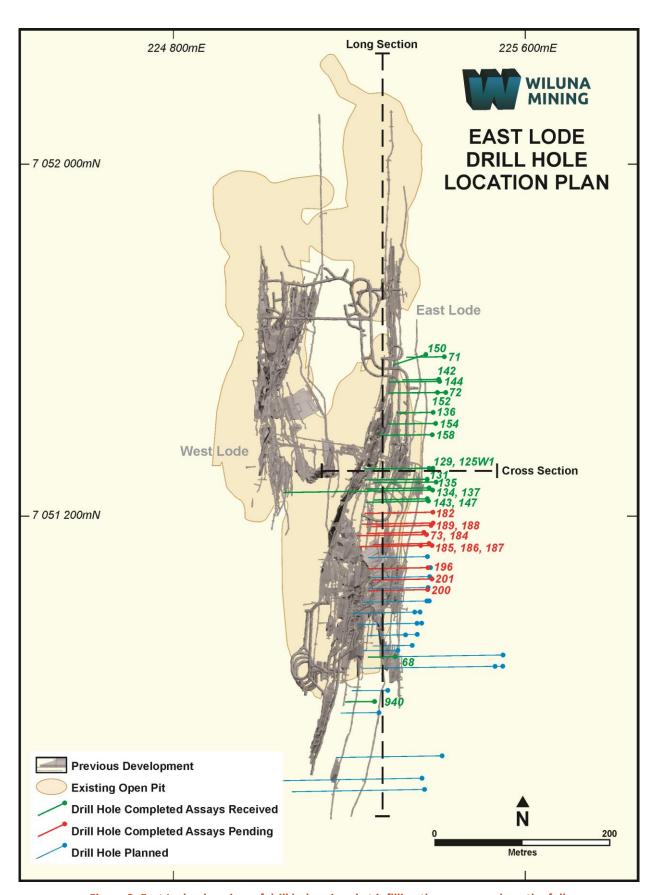


Figure 8: East Lode plan view of drill holes aimed at infilling the resource along the full strike of East Lode which exceeds 1.5km.



### **END**

This announcement has been approved for release by the Executive Chair of Wiluna Mining Corporation Limited. For further information on Wiluna Mining please contact:

Milan JerkovicJim MaloneDannika WarburtonExecutive ChairGeneral Manager Investor RelationsMedia & Communications+61 8 9322 6418+61 419 537 714+61 401 094 261

# Wiluna at 1.0g/t

	Wiluna Mining Corporation Mineral Resource Summary											
TOTAL MINERAL RESOU									_			
Mining Centre		Measur	ed	'	ndicate	d		Inferred		To	otal 100	%
	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au
Wiluna	0.14	5.2	24	22.69	3.59	2,618	37.34	2.62	3,141	60.17	2.99	5,782
Matilda	-	-	-	3.51	1.51	170	1.41	2.43	110	4.93	1.77	281
Lake Way	1.93	1.28	80	0.94	1.61	48	3.53	1.19	135	6.40	1.28	263
Galaxy	-	-	-	0.13	3.08	12	0.16	2.98	15	0.28	3.02	28
SUB TOTAL	2.08	1.55	103	27.27	3.25	2,849	42.44	2.49	3,401	71.78	2.75	6,354
				TAILI	NGS AND	э sтоскі	PILES					
Tailings	-	-	-	33.16	0.57	611	-	-	-	33.16	0.57	611
Stockpiles	0.51	0.9	15	2.16	0.51	35	-	-	-	2.67	0.58	50
SUB TOTAL	0.51	0.89	15	35.32	0.57	646		-	-	35.83	0.57	661
GLOBAL TOTAL	2.59	1.42	118	62.59	1.74	3,495	42.44	2.49	3,401	107.61	2.03	7,015

	Wiluna Mining Corporation Mineral Resource Summary											
			TC	OTAL MIN	NERAL R	ESOURC	ES (WILU	INA DEP	OSITS O	NLY)		
Reporting Cut-Off		Measur	ed	1	ndicate	d		Inferred	l e	To	otal 100	%
g/t Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au
0.4	0.3	3.0	27	39.01	2.37	2,970	66.77	1.77	3,808	106.06	2.00	6,805
1.0	0.1	5.2	24	22.69	3.59	2,618	37.34	2.62	3,141	60.17	2.99	5,782
2.5	0.1	6.5	22	12.53	5.25	2,114	14.29	4.57	2,100	26.93	4.89	4,237

Table 1: Mineral Resources - October 2020, Wiluna > 1.0 g/t cut-off.

#### Notes Table 1:

- 1. See ASX releases dated 30 September and 5 November for further details.
- 2. Mineral Resources are reported inclusive of Ore Reserves.
- 3. Tonnes are reported as million tonnes (Mt) and rounded to the nearest 10,000; gold (Au) ounces are reported as thousands rounded to the nearest 1,000.



- 4. Data is rounded to reflect appropriate precision in the estimate which may result in apparent summation differences between tonnes, grade, and contained metal content.
- 5. Wiluna Mineral Resource includes deposits within the Wiluna Mining Centre and the Regent deposit and are reported at a 1.0g/t Au cut-off.
- 6. Matilda Mineral Resource is a summation of 8 separate Matilda deposits each reported at 0.4g/t Au cut-off within an A\$2,900/oz shell and at 2.5g/t below the pit shell, and the shallow Coles Find deposit which has been reported at a 0.4g/t Au cut-off.
- 7. Lake Way Mineral Resource includes the Carrol, Prior, Williamson South deposits, and the operating Williamson deposit. Each deposit has been reported at 0.4g/t Au cut-off within an A\$2,900/oz shell and at 2.5g/t below the pit shell.
- 8. Tailings Mineral Resource includes material in Dam C, Dam H, and backfilled pits at Adelaide, Golden Age, Moonlight, and Squib.
- 9. Competent Persons: Graham de la Mare, Marcus Osiejak (refer to Competent Persons statement).

	Wiluna Mining Corporation 2020 Ore Reserve Summary								
	OPEN PIT RESERVES								
Mining Centre		Proved			Probable			Total	
	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au
Williamson	0.41	1.60	21.0	-	-	-	0.41	1.60	21.0
Wiluna <sup>3</sup>	0.20	1.80	11.8	0.24	2.28	17.4	0.44	2.06	29.2
Stockpiles	0.77	1.19	29.7	-	-	-	0.77	1.19	29.7
Wiltails <sup>4</sup>	-	-	-	31.64	0.57	578.9	31.64	0.57	578.9
SUB TOTAL	1.39	1.40	62.4	31.88	0.58	596.3	33.27	0.62	658.7
UNDERGROUND RESERVES									
Mining Centre		Proved			Probable			Total	
	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au
Golden Age	-	-	-	-	-	-	-	-	-
East West 5	0.13	5.12	20.7	0.51	4.47	72.9	0.63	4.60	93.6
Bulletin <sup>6</sup>	-	-	-	1.98	4.50	286.4	1.98	4.50	286.4
Happy Jack <sup>7</sup>	-	-	-	0.80	4.59	117.9	0.80	4.59	117.9
Burgundy <sup>8</sup>	-	-	-	0.92	5.50	162.8	0.92	5.50	162.8
SUB TOTAL	0.13	5.12	20.7	4.21	4.73	640.0	4.33	4.74	660.7
			TOTA	L ORE RES	SERVES				
		Proved			Probable			Total	
	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au	Mt	g/t Au	Koz Au
Total	1.52	1.71	83.1	36.09	1.07	1,236.3	37.60	1.09	1,319.5

Table 2: Ore Reserve as at 31 October 2020.

#### **Explanatory Notes:**

- 1. The reported Mineral Resources are inclusive of the Ore Reserves.
- 2. Tonnes are reported as million tonnes (Mt) and rounded to the nearest 10,000; grade reported in grams per tonne (g/t) to the nearest hundredth; gold (Au) ounces are reported as thousands rounded to the nearest 100.
- 3. Wiluna open pit mining centre includes reserves from Golden Age and Squib open pit mining areas.



- 4. Wiltails Ore Reserve includes reclaimed tailings material in Tailings Storage Facilities C, H and Western Extension and backfilled pits at Adelaide, Golden Age, Moonlight and Squib
- 5. East West underground mining centre includes reserves from East West and Calvert underground mining areas.
- 6. Bulletin underground mining centre includes reserves from Bulletin Upper/Lower, Woodley and Henry V underground mining areas.
- 7. Happy Jack underground mining centre includes reserves from Happy Jack North/Central and Essex underground mining areas.
- 8. Burgundy underground mining centre includes reserves from Burgundy and Baldrick underground mining areas.
- 9. Competent Persons: Andrew Hutson and Glenn Van Vlemen of Mining Plus Pty Ltd (refer to Competent Persons statement and ASX release dated 16 March 2021)

Table 1. Significant intercepts Wiluna Mining Centre. NSI = No significant intercept. Results >5g/t highlighted red.

Zone Hol	e ID	East	North	RL	EOH (m)	Dip	Azi	From	То	Width (m)	Au g/t	Est True Width (m)
Happy Jack	HJRD00008	225231	7053022	339	159.1	25	79	109.53	110.94	1.41	8.37	1.4
Happy Jack	HJRD00008							115.17	117.89	2.72	1.68	2.6
Happy Jack	HJRD00008							123.00	129.62	6.62	3.47	6.4
Happy Jack	HJRD00008						incl.	125.22	127.31	2.09	9.41	2.0
Happy Jack	HJRD00008							132.00	133.61	1.61	4.48	1.6
Happy Jack	HJRD00008						incl.	133.31	133.61	0.30	13.25	0.3
Happy Jack	HJRD00012	225231	7053023	339	183	-5	83	77.00	80.00	3.00	3.68	3.0
Happy Jack	HJRD00012						incl.	79.00	80.00	1.00	5.63	1.0
Happy Jack	HJRD00012							112.05	114.00	1.95	5.47	1.9
Happy Jack	HJRD00012							118.00	129.87	11.87	2.61	11.8
Happy Jack	HJRD00012						incl.	121.00	122.00	1.00	16.20	1.0
Happy Jack	HJRD00012						and	126.00	127.00	1.00	5.42	1.0
Happy Jack	HJRD00013	225231	7053023	339	125.7	-8	100	81.00	85.00	4.00	1.75	4.0
Happy Jack	HJRD00013							92.00	94.04	2.04	1.95	2.0
Happy Jack	HJRD00013							97.00	99.00	2.00	3.88	2.0
Happy Jack	HJRD00013						incl.	98.00	99.00	1.00	5.06	1.0
Happy Jack	HJRD00017	225232	7053023	338	156.02	-21	85	75.30	75.90	0.60	4.83	0.6
Happy Jack	HJRD00017						incl.	75.30	75.60	0.30	5.27	0.3
Happy Jack	HJRD00017							126.45	132.00	5.55	7.09	5.4
Happy Jack	HJRD00018	225228	7053018	338	137.5	-22	94	85.42	86.95	1.53	2.21	1.5
Happy Jack	HJRD00018							120.99	123.28	2.29	1.99	2.2
Happy Jack	HJRD00019	225228	7053018	338	129	-22	107.8	82.00	87.00	5.00	2.78	4.9
Happy Jack	HJRD00019						incl.	82.60	83.00	0.40	9.79	0.4
Happy Jack	HJRD00019						and	85.00	86.00	1.00	5.12	1.0
Happy Jack	HJRD00019							90.10	93.13	3.03	4.49	3.0
Happy Jack	HJRD00019						incl.	92.72	93.13	0.41	13.05	0.4
Happy Jack	HJRD00019							109.00	109.72	0.72	35.10	0.7



Zone Hol	e ID	East	North	RL	ЕОН	Dip	Azi	From	То	Width	Au g/t	Est
					(m)					(m)		True Width
Happy Jack	HJRD00019							112.93	121.60	8.67	18.44	(m) 8.5
Happy Jack	HJRD00019						incl.	112.93	116.94	4.01	36.28	3.9
Happy Jack	HJRD00020	225234	7053026	338	191.9	-26	73	Abandoned				
Happy Jack	HJRD00021	225231	7053023	338	218.9	-31	79	93.00	97.00	4.00	2.47	3.7
Happy Jack	HJRD00021							195.50	197.86	2.36	2.88	2.2
Happy Jack	HJRD00021						incl.	195.91	196.33	0.42	7.04	0.4
Happy Jack	HJRD00022	225231	7053023	338	216	-35	85	97.00	106.48	9.48	3.02	8.6
Happy Jack	HJRD00022						incl.	97.00	97.70	0.70	5.76	0.6
Happy Jack	HJRD00022							159.00	163.50	4.50	3.85	4.1
Happy Jack	HJRD00022						incl.	160.55	163.50	2.95	5.15	2.7
Happy Jack	HJRD00022							197.50	198.14	0.64	7.89	0.6
Happy Jack	HJRD00023	225228	7053019	338	191.81	-40	94	92.04	95.01	2.97	1.35	2.6
Happy Jack	HJRD00023							103.00	105.00	2.00	2.81	1.7
Happy Jack	HJRD00024	225228	7053018	338	170.9	-40	116	137.35	138.00	0.65	3.60	0.6
Happy Jack	HJRD00024							148.11	154.93	6.82	9.37	5.9
Happy Jack	HJRD00024						incl.	148.11	148.80	0.69	81.00	0.6
Happy Jack	HJRD00025	225227	7053017	338	167.9	-35.2	136	126.95	128.12	1.17	6.11	1.1
Happy Jack	HJRD00025							132.89	137.28	4.39	3.07	4.0
Happy Jack	HJRD00025						incl.	133.72	134.73	1.01	6.19	0.9
Happy Jack	HJRD00025							157.21	159.20	1.99	298.80	1.8
Happy Jack	HJRD00025						incl.	157.80	158.56	0.76	773.00	0.7
Happy Jack	HJRD00026	225227	7053017	337	221.6	-42.5	143.3	152.00	153.00	1.00	2.37	0.8
Happy Jack	HJRD00026							158.84	162.90	4.06	3.81	3.4
Happy Jack	HJRD00026						incl.	158.84	160.21	1.37	8.57	1.2
Happy Jack	HJRD00026						and	162.50	162.90	0.40	5.37	0.3
Happy Jack	HJRD00026							170.00	190.00	20.00	7.33	16.9
Happy Jack	HJRD00026						incl.	173.88	176.10	2.22	30.26	1.9
Happy Jack	HJRD00026							193.00	197.00	4.00	5.27	3.4
Happy Jack	HJRD00027	225228	7053018	337	180.1	-37.6	148.2	159.63	161.00	1.37	6.24	1.2
Happy Jack	HJRD00027					1		164.70	165.33	0.63	4.56	0.6
Happy Jack	HJRD00027					1		168.00	170.00	2.00	3.16	1.8
Happy Jack	HJRD00027					1	incl.	168.00	168.30	0.30	7.50	0.3
Happy Jack	HJRD00027							174.60	179.50	4.90	13.30	4.3
Happy Jack	HJRD00045	225434	7052879	111	36	6	284	NSI				
Happy Jack	HJRD00045A	225434	7052879	111	253.9	5.9	284.1	135.24	137.36	2.12	1.58	2.1
Happy Jack	HJRD00045A							145.00	152.00	7.00	1.19	7.0
Happy Jack	HJRD00049	225434	7052879	111	260.5	1	293	128.70	130.97	2.27	5.49	2.2



Zone Hol	e ID	East	North	RL	ЕОН	Dip	Azi	From	То	Width	Au g/t	Est
					(m)					(m)		True Width
Happy Jack	HJRD00049							138.97	143.00	4.03	1.74	<b>(m)</b> 4.0
Happy Jack	HJRD00050A	225437	7052880	113	215.9	-7.2	332.1	39.60	41.18	1.58	10.24	1.5
Happy Jack	HJRD00050A							138.14	140.00	1.86	2.32	1.8
Happy Jack	HJRD00050A							154.20	158.07	3.87	2.32	3.8
Happy Jack	HJRD00050A						incl.	154.20	155.00	0.80	9.53	0.8
Happy Jack	HJRD00057	225434	7052879	110	250	-21	293	62.00	64.00	2.00	4.67	2.0
Happy Jack	HJRD00057						incl.	62.00	63.00	1.00	5.81	1.0
Happy Jack	HJRD00057							134.00	135.00	1.00	3.14	1.0
Happy Jack	HJRD00057							138.20	139.36	1.16	4.26	1.1
Happy Jack	HJRD00057						incl.	138.60	138.95	0.35	8.97	0.3
Happy Jack	HJRD00057							164.37	170.00	5.63	2.79	5.6
Happy Jack	HJRD00059	225434	7052879	110	244.7	-9	294	46.00	50.73	4.73	3.39	4.7
Happy Jack	HJRD00059						incl.	47.00	48.00	1.00	8.49	1.0
Happy Jack	HJRD00059							134.50	137.84	3.34	3.87	3.3
Happy Jack	HJRD00059						incl.	135.04	137.00	1.96	5.64	2.0
Happy Jack	HJRD00059							143.00	146.00	3.00	1.19	3.0
Happy Jack	HJRD00061	225434	7052879	111	21.6	-38.1	338.8	NSI				
Happy Jack	HJRD00063	225434	7052879	111	209.9	-35.6	301	95.81	96.50	0.69	3.27	0.6
Happy Jack	HJRD00063							99.00	99.87	0.87	3.44	0.8
Happy Jack	HJRD00063						incl.	125.00	126.00	1.00	8.47	0.9
Happy Jack	HJRD00063							135.00	140.00	5.00	1.73	4.5
Happy Jack	HJRD00063						incl.	138.45	139.00	0.55	7.00	0.5
Happy Jack	HJRD00063						and	145.13	146.00	0.87	5.55	0.8
Happy Jack	HJRD00063							185.00	186.00	1.00	2.08	0.9
Happy Jack	HJRD00066	225434	7052877	111	188.5	-35	280	55.00	59.75	4.75	11.81	4.3
Happy Jack	HJRD00066						incl.	58.90	59.75	0.85	59.40	0.8
East Lode	WURD0125W1	225399	7051307	498	430	-70	271	329.00	332.00	3.00	1.80	1.5
East Lode	WURD0125W1							338.00	352.90	14.90	8.60	7.5
East Lode	WURD0125W1							359.00	369.20	10.20	4.42	5.1
East Lode	WURD0125W1						incl.	359.85	366.80	6.95	5.06	3.5
East Lode	WURD0125W1							386.00	387.00	1.00	3.22	0.5
East Lode	WURD0135	225395	7051285	498	384	-71	269	366.70	372.00	5.30	2.17	2.6
East Lode	WURD0138	225393	7051440	498	430	-82	265	386.00	387.14	1.14	2.10	0.4
East Lode	WURD0138							396.76	408.00	11.24	4.60	3.5
East Lode	WURD0138						incl.	398.00	400.10	2.10	6.85	0.6
East Lode	WURD0138						and	403.44	406.57	3.13	6.24	1.0
East Lode	WURD0138							413.30	414.87	1.57	1.29	0.5



Zone Hol	e ID	East	North	RL	EOH (m)	Dip	Azi	From	То	Width (m)	Au g/t	Est True Width (m)
East Lode	WURD0138							420.69	424.50	3.81	1.57	1.2
East Lode	WURD0139	225396	7051261	498	421	-68	272	363.66	368.30	4.64	1.98	2.5
East Lode	WURD0139						incl.	365.55	366.06	0.51	5.56	0.3
East Lode	WURD0141	225394	7051259	498	354.82	-56	271.9	275.00	277.00	2.00	1.36	1.4
East Lode	WURD0141							280.00	287.80	7.80	1.85	5.4
East Lode	WURD0141						incl.	283.87	284.23	0.36	9.49	0.3
East Lode	WURD0141							338.07	339.08	1.01	6.81	0.7
East Lode	WURD0141W1	225394	7051259	498	399.6	-56	272	262.88	264.00	1.12	2.54	0.8
East Lode	WURD0141W1							280.00	286.28	6.28	1.47	4.4
East Lode	WURD0141W1							328.94	331.50	2.56	1.25	1.8
East Lode	WURD0143	225404	7051231	498	481.16	-72	273	277.16	277.60	0.44	8.79	0.2
East Lode	WURD0143							403.27	416.67	13.40	4.26	6.3
East Lode	WURD0143						incl.	403.27	404.00	0.73	11.07	0.3
East Lode	WURD0143						and	407.00	407.42	0.42	8.82	0.2
East Lode	WURD0143						and	410.23	415.00	4.77	6.88	2.2
East Lode	WURD0143							419.00	420.74	1.74	1.68	0.8
East Lode	WURD0147	225400	7051229	498	420	-67	275.8	371.00	373.00	2.00	6.19	1.3
Happy Jack	WURD0153	225283	7052506	504	478	-62	269	380.50	382.00	1.50	2.14	0.9
East Lode	WURD0158	225398	7051383	499	433	-73	274	335.00	349.30	14.30	3.86	6.5
East Lode	WURD0158						incl.	337.75	346.27	8.52	5.71	3.9
East Lode	WURD0158							368.00	368.40	0.40	5.38	0.2
East Lode	WURD0158							395.40	398.00	2.60	3.13	1.2
East Lode	WURD0158						incl.	396.30	397.20	0.90	5.90	0.4
East Lode	WURD0158							405.70	409.25	3.55	1.68	1.6
East Lode	WURD0158					1		415.30	416.10	0.80	9.21	0.4
East Lode	WURD0182	225387	7051208	497	450	-70	270.8	379.00	380.00	1.00	6.03	0.7

<sup>\*</sup>Grid MGA94\_Zone51S with RL in Australian Height Datum (surface level is approx. 500m AHD; "Mine RL" is AHD + 1,000m). Minimum significant intercept is 2m @ 1.0g/t or 2.0gm (gram x metres), maximum 2m contiguous internal dilution.

# **Forward Looking Statements**

This announcement includes certain statements that may be deemed 'forward looking statements'. All statements that refer to any future production, resources or reserves, exploration results and events or production that Wiluna Mining Corporation Ltd expects to occur are forward looking statements. Although the Company believes that the expectations in those forward looking statements are based upon reasonable assumptions, such statements are not a guarantee of future performance and actual results or developments may differ materially from the outcomes. This may be due to several factors, including market prices, exploration and exploitation success, and the continued availability of capital and financing, plus general economic, market or business conditions. Investors are cautioned that any such statements are not guarantees of future



performance, and actual results or performance may differ materially from those projected in the forward looking statements. The Company does not assume any obligation to update or revise its forward looking statements, whether as a result of new information, future events or otherwise.

# **Competent Persons Statement**

The information contained in the report that relates to Exploration Targets and Exploration Results at the Matilda Wiluna Gold Operation ("Operation") is based on information compiled or reviewed by Mr Cain Fogarty, who is a fulltime employee of the Company. Mr Fogarty is a Member of the Australian Institute of Geoscientists and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which is 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 Fogarty has given consent to the inclusion in the report of the matters based on this information in the form and context in which it appears.

The information in the report to which this statement is attached that relates to Mineral Resources for the Wiluna, Lake Way and Regent Mining Centres is based on information compiled or reviewed by Mr Graham de la Mare, a Competent Person who is a Fellow of the Australian Institute of Geoscientists. Graham de la Mare was a fulltime employee of Wiluna Mining Corporation and 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'. Graham de la Mare consents to the inclusion in this announcement of statements based on this information in the form and context in which it appears.

The information in the report to which this statement is attached that relates to Mineral Resources for the Matilda, Galaxy and WilTails Mining Centres is based on information compiled or reviewed by Mr Marcus Osiejak, a Competent Person who is a Member of the Australian Institute of Mining and Metallurgy. Marcus Osiejak was a fulltime employee of Wiluna Mining Corporation and 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'. Marcus Osiejak consents to the inclusion in this announcement of statements based on this information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases and the form and context of the announcement has not materially changed. The Company confirms that the form and context in which the Competent Persons findings are presented have not been materially modified from the original market announcements.



# Table 1 JORC Code, 2012 Edition.

# **Section 1 Sampling Techniques and Data**

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.  • 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 "3kg samples were collected using a cone splitter connected to the rig, ii) HQ, NO2 or LTK60 with ½ core sampling, or iii) LTK60 with ½ core sampling.  • Full analysis and discussion of the entire historical drilling database of over 80,000 holes is not feasible nor considered material to the understanding of the current results. Historical core in this report is either NQ2 or LTK60, predominantly drilled in the mid to late 2000's by Agincourt Resources and Apex Minerals. Apex Minerals alone drilled 1,024 diamond holes for 222,170m with selective sampling.  • Miluna Mining has used i) reverse circulation drilling to obtain 1 m samples from which "3kg samples are collected using a cone splitter onnected to the rig, ii) HQ, NO2 or LTK60 with ½ core sampling.  • Full analysis and discussion of the entire historical drilling database of over 80,000 holes is not feasible nor considered material to the understanding of the current results. Historical core in this report is either NQ2 or LTK60, predominantly drilled in the mid to late 2000's by Agincourt Resources and Apex Minerals. Apex Minerals alone drilled 1,024 diamond holes for 222,170m with selective sampling.  • Wiluna Mining has used i) vite full core sampling over some sample metresults. Historical drilling database of over 80,000 holes is not feasible nor considered material to the eutresults. Historical drilling datab	(Criteria in th	is section apply to all succeeding sections.)	
• 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.  • Willna Mining has used 1) reverse circulation drilling, to obtain 1 m samples from which or specific to obtain 1 m samples from which or specific to obtain 1 m samples from which or specific to obtain 1 m samples from which or specific to obtain 1 m samples from which or specific to obtain 1 m samples from which or specific to obtain 1 m samples from which or specific to the rig, ii) HQ, NQ2 or LTK60 with ½ core sampling, or iii) LTK60 with full core sampling.  • Full analysis and discussion of the entire historical drilling database of over 80,000 holes is not feasible nor considered material to the understanding of the current results. Historical core in this report is either NQ2 or LTK60, predominantly drilled in the mid to late 2000's by Agincourt Resources and Apex Minerals Apex Minerals alone drilled 1,024 diamond holes for 222,170m with selective sampling.  • Willua Mining as used 1 if vice of v		JORC Code explanation	Commentary
<ul> <li>Historically (pre-Wiluna Mining), drill samples were taken at predominantly 1m intervals in RC holes, or as 2m or 4m composites in AC holes. Historical core sampling is at various intervals and it appears that sampling was based on geological observations at intervals determined by the logging geologist.</li> <li>Wiluna Mining analysed RC and DD samples using ALS laboratories in Perth, where the analytical method</li> </ul>	Criteria Sampling	<ul> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (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</li> </ul>	<ul> <li>Wiluna Mining has used i) reverse circulation drilling to obtain 1m samples from which ~3kg samples were collected using a cone splitter connected to the rig, ii) HQ, NQ2 or LTK60 with ½ core sampling, or iii) LTK60 with full core sampling.</li> <li>Full analysis and discussion of the entire historical drilling database of over 80,000 holes is not feasible nor considered material to the understanding of the current results. Historical core in this report is either NQ2 or LTK60, predominantly drilled in the mid to late 2000's by Agincourt Resources and Apex Minerals. Apex Minerals alone drilled 1,024 diamond holes for 222,170m with selective sampling.</li> <li>Wiluna Mining's sampling procedures are in line with standard industry practice to ensure sample representivity. Core samples are routinely taken using an automatic core saw from the righthand side of the cut line. For Wiluna Mining's RC drilling, the drill rig (and cone splitter) is always jacked up so that it is level with the earth to ensure even splitting of the sample. Face samples are taken across the face, with sample intervals matched to varying intensity of mineralisation as indicated by shearing and sulphides.</li> <li>Historically (pre-Wiluna Mining), drill samples were taken at predominantly 1m intervals in RC holes, or as 2m or 4m composites in AC holes. Historical core sampling is at various intervals and it appears that sampling was based on geological observations at intervals determined by the logging geologist.</li> <li>Wiluna Mining analysed RC and DD samples using ALS</li> </ul>

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riffle split 50:50 with one half pulverised and the other half retained. Samples are pulverised to better than 85% passing 75µm. A 50g charge is taken for a fire assay dissolution with AAS finish. Historical



		<ul> <li>assays were obtained using either aqua regia digest or fire assay, with AAS readings.</li> <li>At the Wiluna Mine site laboratory, samples &gt;3kg were 50:50 riffle split to become &lt;3kg. The &lt;3kg splits were pulverized via LM5 to 85% passing 75µm to produce a 30g charge for fire assay with AAS finish.</li> <li>Historical core samples were assayed at independent external laboratories Genalysis and ALS in Perth, using the same preparation method described above with either 30g or 50g charge. Analytical procedures associated with data generated by Apex and Agincourt are consistent with current industry practise and are considered acceptable for the style of mineralisation identified at Wiluna.</li> <li>Seismic: the survey involved two Inova AHV-IV 62,000-pound seismic vibrator trucks and 1800 Inova Quantum receiver nodes.</li> </ul>
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).	<ul> <li>Wiluna Mining data reported herein is RC 5.5" diameter holes. Diamond drilling is oriented HQ, NQ2 or LTK60 core.</li> <li>Historical drilling data contained in this report includes RC, AC, RAB and DD core samples. RC sampling utilized face sampling hammer of 4.5" to 5.5" diameter, AC and RAB sampling utilized open hole blade or hammer sampling, and DD sampling utilized NQ2 and LTK60 half core samples. It is unknown if all historical core was orientated, though it is not material to this report. All Wiluna Mining RC drilling used a face-sampling bit.</li> </ul>
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul> <li>For Wiluna Mining RC drilling, chip sample recovery is visually estimated by volume for each 1m bulk sample bag and recorded digitally in the sample database. For DD drilling, recovery is measured by the drillers and Wiluna Mining geotechnicians and recorded into the digital database. Recoveries were typically 100% except for the non-mineralised upper 3 or 4m in RC holes, and the weathered upper 50 to 80m of DD holes that is generally more broken and fractured. For historical drilling, most core is in fresh competent rock and recoveries appear to be generally excellent. Database compilation is ongoing. For DD drilling, sample recovery is maximised in weathered and broken zones by the use of short drill runs (typically 1.5m).</li> <li>For Wiluna Mining RC drilling sample recovery is maximized by pulling back the drill hammer and</li> </ul>



Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral	blowing the entire sample through the rod string at the end of each metre. Where composite samples are taken, the sample spear is inserted diagonally through the sample bag from top to bottom to ensure a full cross section of the sample is collected. To minimize contamination and ensure an even split, the cone splitter is cleaned with compressed air at the end of each rod, and the cyclone is cleaned every 50m and at the end of hole, and more often when wet samples are encountered. For historical drilling with dry samples it is unknown what methods were used to ensure sample recovery, though it is assumed that industry standard protocols were used to maximize the representative nature of the samples, including dust suppression and rod pullback after each drilled interval. For wet samples, it is noted these were collected in polyweave bags to allow excess water to escape; this is standard practice though can lead to biased loss of sample material into the suspended fine sample fraction.  • For Wiluna Mining drilling, no such relationship was evaluated as sample recoveries were generally excellent.  • Drill samples have been logged for geology, alteration, mineralisation, weathering, geotechnical properties and other features to a level of detail
	Resource estimation, mining studies and metallurgical studies.  • Whether logging is qualitative or quantitative in nature. Core (or costean,	<ul> <li>considered appropriate for geological and resource modelling.</li> <li>Logging of geology and colour for example are interpretative and qualitative, whereas logging of</li> </ul>
	<ul> <li>channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>mineral percentages is quantitative.</li> <li>All holes were logged in full. Check-logging was completed on historical intervals retrieved, with only minor edits required to historical logs.</li> <li>Core photography was taken for WMC diamond</li> </ul>
		drilling.
Subsampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If noncore, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> </ul>	• For core samples, Wiluna Mining uses half core cut with an automatic core saw. Samples have a minimum sample length of 0.1m and maximum of 1.2m, though typically 1m intervals were selected. A cut line is routinely drawn at an angle 10 degrees to the right of the orientation line. Where no orientation line can be drawn, where possible samples are cut down the axis of planar features such as veins, such that the two halves of core are mirror images.



- Quality control procedures adopted for all subsampling 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.
- Historical core has been selectively sampled, with a minimum sample width of 0.1m and maximum of 1.1m, though typically 1m intervals were selected.
- RC sampling with cone splitting with 1m samples collected, or in the hangingwall 4m scoop composites compiled from individual 1m samples. RC sampling with riffle or cone splitting and spear compositing is considered standard industry practice.
- For historical samples the method of splitting the RC samples is not known. However, there is no evidence of bias in the results.
- Wiluna Mining drilling, 1m RC samples were split using a cone splitter. Most samples were dry; the moisture content data was logged and digitally captured. Where it proved impossible to maintain dry samples, at most three consecutive wet samples were obtained before drilling was abandoned, as per procedure. AC samples were 4m composites.
- Jaw crushing and splitting is considered to be standard industry practice; each sample particle has an equal chance of entering the split chute to ensure representivity. At the laboratory, >3kg samples are split 50:50 using a riffle splitter so they can fit into a LM5 pulveriser bowl. Sample pulverising to better than 85% passing 75µm is standard industry practice to ensure representivity of the 50g charge for fire assay.
- Field duplicates were collected approximately every 20m down hole for Wiluna Mining holes. With a minimum of one duplicate sample per hole. Analysis of results indicated good correlation between primary and duplicate samples. RC duplicates are taken using the secondary sample chute on the cone splitter. AC duplicates were scooped in the field. It is not clear how the historical field duplicates were taken for RC drilling.
- Riffle splitting and half-core splitting are industry standard techniques and considered to be appropriate. Where sampling occurred through backfilled 'stope' intervals, these samples do not represent the pre-mined grade in localized areas.
- Sample sizes are considered appropriate for these rock types and style of mineralisation and are in line with standard industry practice.

Quality of assay data and

- The nature, quality and appropriateness of the assaying and laboratory procedures used
- Fire assay is a total digestion method. The lower detection limits of 0.01ppm is considered fit for



## laboratory tests

and whether the technique is considered partial or total.

- For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.
- Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.

purpose. For Wiluna Mining Exploration drilling, ALS completed the analyses using industry best practice protocols described above. ALS is globally recognized and highly regarded in the industry. Historical assaying was undertaken at Genalysis, Amdel, SGS, and KalAssay laboratories, and by the Wiluna Mine laboratory. The predominant assay method was by Fire Assay with AAS finish. The lower detection limit of 0.01ppm Au used is considered fit for purpose. Samples analysed at ALS and with Au > 0.3g/t are also assayed for As, S and Sb using ICPAES analysis ("MEICP41").

- No geophysical tools were required as the assays directly measure gold mineralisation. For Wiluna Mining drilling, downhole survey tools were checked for calibration at the start of the drilling program and every two weeks.
- For Wiluna Mining, drilling certified reference material, blanks and field duplicates were submitted at 1:20 ratios. Check samples are routinely submitted to an umpire lab at 1:20 ratio. Analysis of results confirms the accuracy and precision of the assay data. Blanks and quartz flushes are inserted after logged high grade core samples to minimise and check for smearing, analyses of these results typically shows no smearing has occurred. Results for WMC and historical QAQC show good correlation between original and repeat analyses with very few samples plotting outside acceptable ranges.
- For the Minesite Laboratory, QA Procedures and QC data have been independently evaluated and found satisfactory for the purpose of Public Reporting of gold assay results. The available Quality Control results did not demonstrate any material bias or inappropriate repeatability results that would cause concern in the Public Reporting of assay results.
- For historical drilling, field duplicates, blank samples, umpire lab samples, and certified reference standards were collected and inserted from at least the early 2000's. Investigation of results revealed sufficient quality control performance for lab duplicates, field duplicates and external laboratory checks.

# Verification of sampling and assaying

- The verification of significant intersections by either independent or alternative Company personnel.
- The use of twinned holes.

- Wiluna Mining's significant intercepts have been verified by several Company personnel, including the database manager and geologists.
- Twinned holes were not drilled in this program, however, correlation between intercepts was



•	Documentation of primary data, data entry
	procedures, data verification, data storage
	(physical and electronic) protocols.

- Discuss any adjustment to assay data.
- generally poor when intercepts were greater than 20m apart reflecting the shortrange variability expected in gold deposits of this style.
- Wiluna data represents a portion of a large drilling database compiled since the 1930's by various project owners.
- Data is stored in Datashed SQL database. Internal Datashed validations and validations upon importing into Micromine were completed, as were checks on data location, logging and assay data completeness and downhole survey information. QAQC and data validation protocols are contained within Wiluna Mining's manual "Wiluna Mining Geology Manual 2020". Historical procedures are not documented.
- There has been no adjustment to lab assay data.

# Location of data points

- Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.
- Specification of the grid system used.
- Quality and adequacy of topographic control.
- All historical holes appear to have been accurately surveyed to centimetre accuracy. Wiluna Mining's drill collars are routinely surveyed using a DGPS with centimetre accuracy, though coordinates reported herein are GPS surveyed to metre-scale accuracy.
- Grid systems used in this report are GDA 94 Zone 51
   S. Drilling collars were originally surveyed in either MGA grid or Mine Grid Wiluna 10 and converted in Datashed to MGA grid.
- An accurate topographical model covering the mine site has been obtained, drill collar surveys are closely aligned with this. Away from the mine infrastructure, drill hole collar surveys provide adequate topographical control.
- WMC drillholes are routinely surveyed using continuous north-seeking gyro at the end of hole, with 'sighter' surveys conducted while drilling. Historical diamond drill holes were surveyed downhole at close regular spacing using a Reflex or Eastman camera attached to a 6m aluminium extension to minimise magnetic interference, at 15m, 50m and every 50m thereafter. A selection of holes were subsequently gyro surveyed to confirm the single shot method has not been significantly affected by magnetic rocks.
- Down-hole survey tools are calibrated weekly.
- For the seismic survey vibration source points were located every 5m along the lines, with receiver nodes at 5m spacing along the lines for 9,600 data collection



		points and a total of 48 line km were traversed to collect the 2D Seismic data set.
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>Wiluna Mining's exploration holes are generally drilled 25m or 50m apart on sections spaced 25m apart along strike.</li> <li>Historical drill hole spacing is typically 50m x 25m of 25m x 25m in Indicated resource areas and 50m x 50m in Inferred areas.</li> <li>The mineralisation lodes show sufficient continuity of both geology and grade between holes to support the estimation of resources which comply with the 2012 JORC guidelines</li> <li>Samples have been composited only where mineralisation was not anticipated. Where composite samples returned significant gold values, the 1m samples were submitted for analysis and these results were prioritized over the 4m composite values.</li> </ul>
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<ul> <li>Orientation of drilling to mineralisation ranges from 45 to 90 degrees to the strike of the lodes and 20 to 90 degrees to the dip of the lodes.</li> <li>RC drill holes were generally orientated perpendicular to targets to intersect predominantly steeply-dipping north-south or northeast-southwest striking mineralisation, though underground DD holes were in places drilled obliquely; true widths are shown in the significant intercepts table.</li> <li>The perpendicular orientation of the drill holes to the structures minimises the potential for sample bias.</li> <li>Seismic: Two east-west oriented lines across the strike of known gold structures spaced approx. 1km apart, and two NNE-SSW oriented lines perpendicular to the strike of stratigraphy and spaced approx. 1.5km apart. The east-west lines were designed longer to allow imaging of steeper gold bearing structures below 2km depths.</li> </ul>
Sample security	The measures taken to ensure sample security.	It is not known what measures were taken historically. For Wiluna Mining drilling, samples are stored in a gated yard until transported by truck to the laboratory in Perth. In Perth the samples are likewise held in a secure compound.



# Audits or reviews

• The results of any audits or reviews of sampling techniques and data.

- Wiluna Mining and historical drilling data have been validated in Datashed. Monthly validation checks are performed and minor adjustments made as required. Batches are re-assayed when out of range. QAQC results have been evaluated and found to be satisfactory.
- Seismic data was acquired, processed and interpretated by WMC geologists and HiSeis Pty Ltd, who are industry-recognised experts in the application of seismic method to metalliferous exploration.

# **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	<ul> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.</li> </ul>	<ul> <li>The drilling is located wholly within M53/6, M53/30, M53/40, M53/44, M53/95, M53/69, M53/468, M53/200 and M53/32. The tenements are owned 100% by Wiluna Operations Pty Ltd., a wholly owned subsidiary of Wiluna Mining Corporation Ltd, except for M53/30 which is owned 94/96 by Wiluna Operations Pty Ltd and 2/96 by James Murray Jackson.</li> <li>The seismic survey is located within M53/6, M53/24, M53/25, M53/26, M53/32, M53/40, M53/50, M53/69, M53/71, M53/95, M53/96, M53/200 and E53/1645. The tenements are owned 100% by Wiluna Operations Pty Ltd and Kimba Resources Ltd, wholly owned subsidiaries of Wiluna Mining Corporation Ltd.</li> <li>The tenements are in good standing and no impediments exist.</li> <li>Franco Nevada have royalty rights over the Wiluna leases of 3.6% of net gold revenue.</li> </ul>
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Modern exploration has been conducted on the tenement intermittently since the mid1980's by various parties as tenure changed hands many times. This work has included mapping and rock chip sampling, geophysical surveys and extensive RAB, RC and core drilling for exploration, resource definition and grade control purposes. This exploration is considered to have been successful as it led to the eventual economic exploitation of several open pits during the late 1980's / early 1990's, and underground mining to the present day. The deposits remain 'open' in various locations and opportunities remain to find extensions to the known potentially economic mineralisation.</li> </ul>



### Geology

- Deposit type, geological setting and style of mineralisation.
- The gold deposits are categorized as orogenic gold deposits, with similarities to most other gold deposits in the Yilgarn region. The deposits are hosted within the Wiluna Domain of the Wiluna greenstone belt.

# Drill hole Informatio n

- 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:

See data table Appendix to this report.

- easting and northing of the drill hole collar
- elevation or RL (Reduced Level elevation above sea level in metres) of the drill hole collar
- o dip and azimuth of the hole
- down hole length and interception depth
- o 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.

# Data aggregatio n methods

- In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cutoff 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.
- Significant intercepts are reported as length-weighted averages. For Wiluna: above a 1.0g/t cutoff and > 2.0 gram x metre cut off (to include narrow higher-grade zones) using a maximum 2m contiguous internal dilution.
- In places, broad widths of lower grade mineralisation are identified where the mineralised shear zone is wider and comprises multiple higher-grade zones within a broadly mineralised envelope, which may ultimately upon the completion of relevant mining studies (in progress) be amenable to bulk open pit or underground mining methods with lower cost and lower economic cutoff grades. Where this style of mineralisation exists, broad 'bulk' or 'halo' intercepts are calculated by allowing no limit to internal dilution and no internal lower cutoff grade. E.g. BUUD0102 = 62.54m @ 1.76g/t from 0m (broad intercept), comprising 7.11m @ 4.57g/t from 0m, 0.3m @ 6.32g/t from 10.28m, 14.05m @ 4.09g/t, and 6.81m @ 2.34g/t.

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	The assumptions used for any reporting of metal equivalent values should be clearly stated.	<ul> <li>High-grade internal zones are reported above a 5g/t envelope, e.g. BUUD0102 contains 7.11m @ 4.57g/t from 0m including 1.25m @ 15.08g/t and 0.68m @ 6.44g/t. Ultrahigh grades zones of &gt;30g/t are additionally reported.</li> <li>No metal equivalent grades are reported because only Au is of economic interest.</li> </ul>
Relationshi p between mineralisat ion widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	• Lode geometries at Wiluna are generally steeply east or steeply west dipping. Generally the lodes strike northnortheast to northwest-southeast. Historical drilling was oriented vertically or at 60° west, the latter being close to optimal for the predominant steeply east dipping orientation. At Golden Age, the lode strikes NWSE, with drilling from underground oriented at various angles depending on available drill sites. Drill holes reported herein have been drilled as closed to perpendicular to mineralisation as possible. In some cases due to the difficulty in positioning the rig close to remnant mineralisation around open pits this is not possible. True widths are always included in the significant intercepts table when results are reported for the first time.
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.	See diagrams in the body of this report.
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.	<ul> <li>For Wiluna Mining drilling, either all significant assay results are reported or the hole is listed as 'no significant intercepts'. Full reporting of the historical drill hole database of over 80,000 holes is not feasible.</li> </ul>
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.	Other exploration tests are not the subject of this report.



# Further work

- The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or largescale 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.
- Follow-up resource definition drilling is likely, as mineralisation is interpreted to remain open in various directions.
- Refer to diagrams and discussion in the body of this report.

# **About Wiluna Mining**

Wiluna Mining Corporation (ASX: WMC) is a Perth based, ASX listed gold mining company that controls over 1,600 square kilometres of the Yilgarn Region in the Northern Goldfields of Western Australia.

The Yilgarn Region has a historic and current gold endowment of over 380 million ounces, making it one of most prolific gold regions in the world. The Company owns 100% of the Wiluna Gold Operation which is the  $8^{th}$  largest gold district in Australia under single ownership based on overall JORC Mineral Resource.



# **BOARD OF DIRECTORS**

Milan Jerkovic — Executive Chair
Neil Meadows- Operations Director
Sara Kelly — Non-Executive Director
Greg Fitzgerald — Non-Executive Director
Colin Jones — Non-Executive Director
Hansjoerg Plaggemars- Non- Executive
Director

#### **CORPORATE INFORMATION**

158.3 M Ordinary Shares
2.1 M Unquoted Options/ZEPO's

Level 3, 1 Altona Street, West Perth, WA 6005 PO Box 1412 West Perth WA 6872

T +61 8 9322 6418 F +61 8 9322 6429

info@wilunamining.com.au wilunamining.com.au