ASX Announcement

19 September 2023

Sandstone Gold Project, Western Australia

Outstanding growth potential identified at the historic Bull Oak Gold Mine

Review of the mineralisation within the Bull Oak granodiorite and surrounding historic workings highlights considerable near-term growth potential

Highlights

Alto is pleased to provide an update on its ongoing targeting work over the Sandstone Gold Project, with a review of the historic **Bull Oak Gold Mine** and surrounding historical workings highlights **considerable resource growth potential**.

- The style of mineralisation at the Bull Oak deposit is **multiple stacked lodes hosted within a granodiorite** (similar to that observed at Lord Nelson and Lord Henry). The intrusion has a strike length of approximately 500m and a width of up to 150m, with relatively steep dipping boundaries and has not been defined at depth. **Importantly, mineralisation is not constrained by the boundary of the granodiorite** and extends into the mafic rocks.
- **Unmined** results below the shallow mined pit **highlight significant mineralisation remains**, including:
  - **13m @ 2.4 g/t gold** from 37m, incl. **1m @ 17.1 g/t gold** from 39m; and

    10m @ 8.3 g/t gold from 57m, incl. **3m @ 25.8 g/t gold** from 57m (HRC161)
  - **10m @ 1.8 g/t gold** from 55m, incl. **1m @ 6.5 g/t gold** from 58m; (MSGC1210)
  - **7m @ 38.9 g/t gold** from 64m, incl. **1m @ 154.0 g/t gold** from 65m; (MSGC1292)
  - **9m @ 31.4 g/t gold** from 49m, incl. **1m @ 275.0 g/t gold** from 51m; (MSGC508)
  - **16m @ 2.5 g/t gold** from 40m, incl. **1m @ 26.0 g/t gold** from 40m; (MSGC514)

  Two deeper holes drilled intersected multiple mineralised lodes, returning overall significant +150m intercepts of
  - **157m @ 0.5 g/t gold** from 143m, incl. **1m @ 18.7 g/t gold** from 297m (TRCD706)
  - **260m @ 0.41 g/t gold** from 36m, incl **1m @ 14.3 g/t gold** from 260m – ended in mineralisation (SRC360)
- **Mineralisation is completely open up and down dip, along strike and at depth** (See Figure 1)
- Bull Oak historically produced ~10,600oz at 27 g/t gold between 1904- 1943 from small underground shafts targeting the high-grade reefs and a further ~10,000oz at 1.9 g/t gold from open-pit mining in 1997.
- The current mineral resource for Bull Oak is 65,000 oz at 1.1 g/t gold constrained within a A$2,500 pit shell – capturing the majority of the historical shallow drilling and is limited by the extent of drilling
- **An RC drill program is planned to commence in the coming weeks** targeting these potential extensions

Alto's Managing Director, Matthew Bowles said: *"Mineralisation at Bull Oak is multiple stacked lodes hosted within a granodiorite, similar to that at Lord Nelson and Lord Henry. Most of the historic drilling at Bull Oak has been relatively shallow, however two historic holes drilled to 300m depth intersected multiple lodes and reported numerous instances of visible gold. A follow up deep hole drilled by Alto returned a wide zone 260m @ 0.4g/t gold from 36m, including 14.1 g/t gold and ended in mineralisation. The mineralisation is completely untested up and down dip of these intercepts, as well as at depth, and we are excited to have an RC rig arriving shortly to test these outstanding targets, that have the potential to drive near-term growth."*

Alto Metals Limited
Suite 9, 12-14 Thelma Street
West Perth, Western Australia 6005
T: +61 8 9 381 2808
admin@altometals.com.au
www.altometals.com.au
@altometalsltd
Altometalsltd
ASX: AME

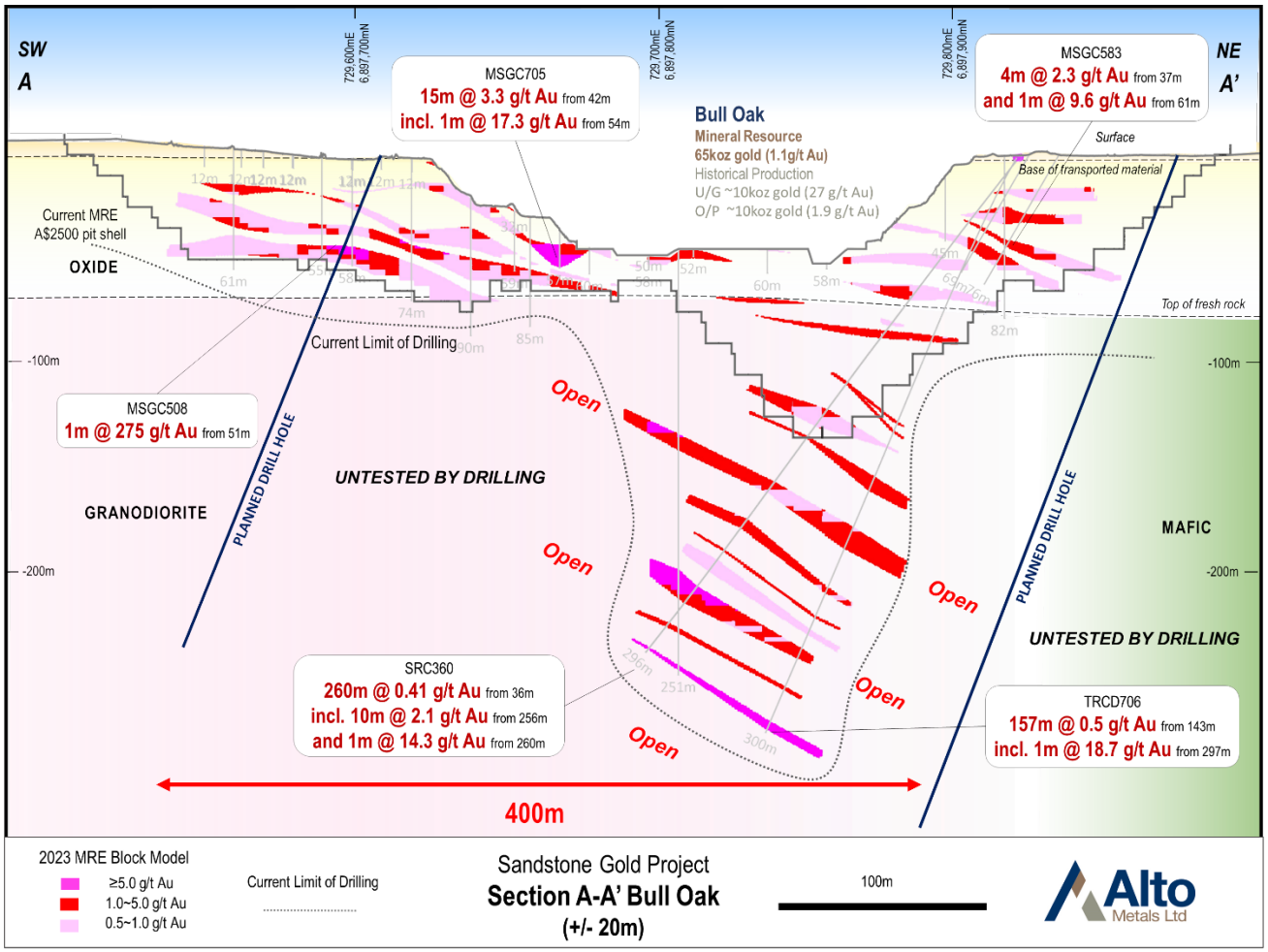


Figure 1: Cross-section at Bull Oak looking north-west, showing two of the planned deeper drill holes to test the up and down dip extensions of the multiple stacked lodes below the historic pit.

Review of historic Bull Oak gold Mine highlights significant potential for near-term resource growth

Alto Metals Limited (ASX: AME) (Alto or the Company) is pleased to report that a targeting review of the historic Bull Oak gold mine and surrounding historic workings, located within the Company's 100% owned Sandstone Gold Project, has highlighted significant potential for near-term resource growth.

Extensional targets

The style of mineralisation at the Bull Oak deposit is **multiple stacked lodes hosted within a granodiorite** (similar to that observed at Lord Nelson and Lord Henry). The intrusion has a strike length of approximately 500m and a width of up to 150m, with relatively steep dipping boundaries and has not been defined at depth. **Importantly, gold mineralisation is not constrained by the boundary of the granodiorite** and extends into the mafic rocks.

Two deeper historic holes drilled by WMC and Troy in 1985 and 2009, intersected multiple mineralised reefs with **numerous instances of visible gold reported**. The WMC diamond hole was only selectively assayed in mineralised zones, while the Troy hole returned **157m @ 0.5 g/t gold** from 143m, incl. **1m @ 18.7 g/t** gold from 297m (TRCD706)

Alto has drilled one RC hole at Bull Oak to date. SRC360 was drilled to test and validate the deeper historical results and intersected multiple stacked lodes in an overall intercept of **260m @ 0.41 g/t** gold from 36m, which included high grade intercept of **up to 14.3 g/t gold**, with the hole ending in mineralisation.

The lack of recent exploration and untested mineralisation in significant intercepts, represents an exciting opportunity for Alto with **significant potential to extend mineralisation below the shallow mined pit both up and down dip as well as along strike and at depth, as highlighted in Figure 1.**

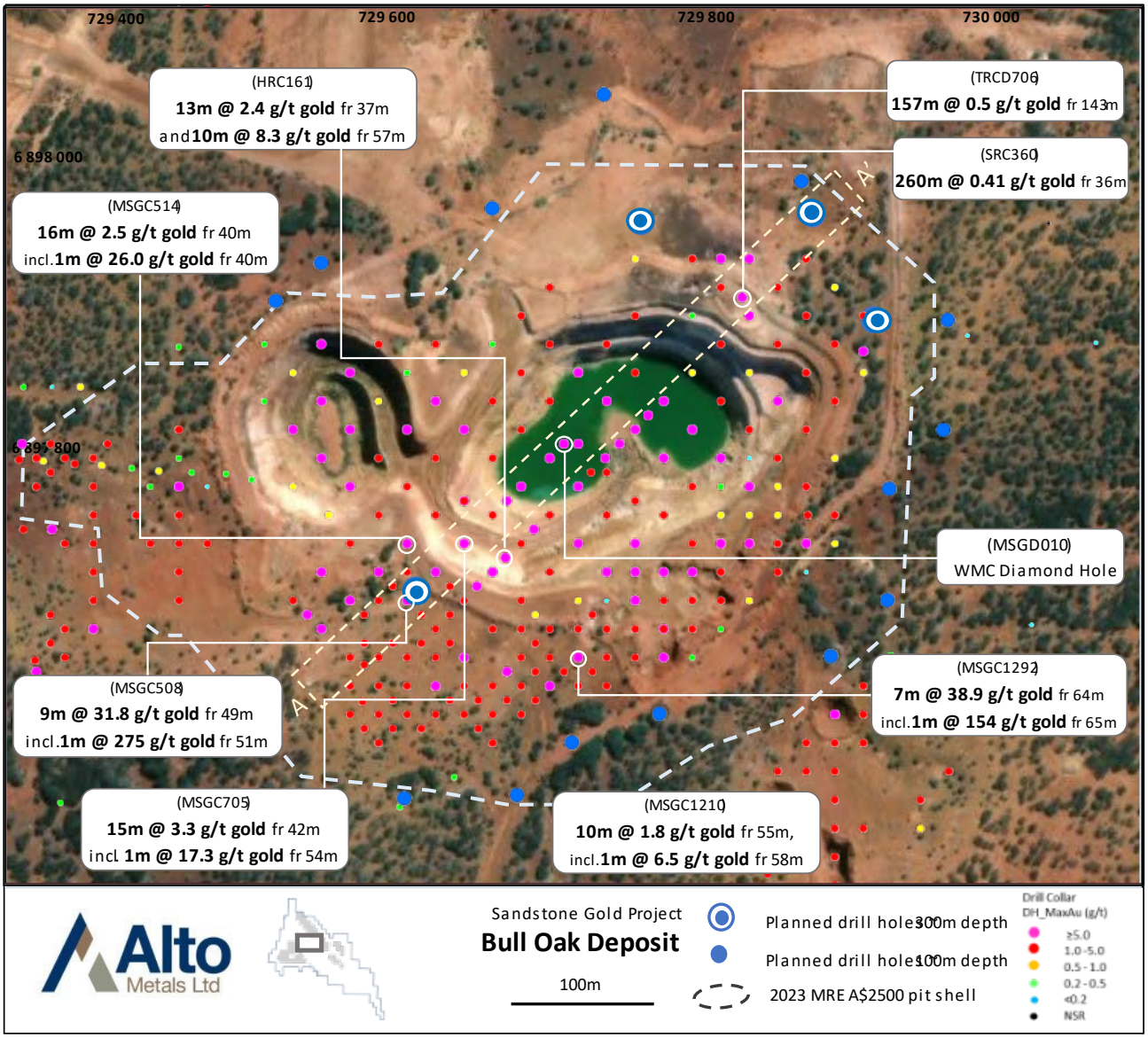


Figure 2: Plan view of Bull Oak Mine showing historical drilling and planned drilling (shown in blue).

Several unmined high-grade gold intersections from historical drilling below the at Bull Oak pit include:

- **13m @ 2.4 g/t gold** from 37m, incl. **1m @ 17.1 g/t gold** from 39m; and
  10m @ 8.3 g/t gold from 57m, incl. **3m @ 25.8 g/t gold** from 57m (HRC161)
- **10m @ 1.8 g/t gold** from 55m, incl. **1m @ 6.5 g/t gold** from 58m; (MSGC1210)
- **7m @ 38.9 g/t gold** from 64m, incl. **1m @ 154.0 g/t gold** from 65m; (MSGC1292)
- **9m @ 31.4 g/t gold** from 49m, incl. **1m @ 275.0 g/t gold** from 51m; (MSGC508)
- **16m @ 2.5 g/t gold** from 40m, incl. **1m @ 26.0 g/t gold** from 40m; (MSGC514)
- **15m @ 3.3 g/t gold** from 42m, incl. **1m @ 17.3 g/t gold** from 54m; (MSGC705)
- **11m @ 2.1 g/t gold** from 59m, incl. **1m @ 12.5 g/t gold** from 59m; (MSGC824)
- **4m @ 2.3 g/t gold** from 37m, and **2m @ 4.9 g/t gold** from 60m; (MSGC583)

Refer to Figure 2 and Table 4 for all significant mined and unmined results ≥ 1.0 g/t gold.

The current Inferred Mineral Resource for Bull Oak is **1.9Mt at 1.1 g/t gold for 65,000 oz**, reported at a 0.5 g/t gold cut-off, constrained within an A$2,500 pit shell and is defined to a depth of 160m from surface. This resource captures the majority of the shallow drilling and is limited by the extend of drilling.

Planned extensional drilling

An initial 18 RC holes for a total of 2,400m of drilling is planned for Bull Oak, as shown in Figures 2 and 3. This first phase of drilling comprises:

a) four 300m deep step-out holes are designed to test the up and down dip extensions of the multiple stacked lodes intersected in TRCD706 and SRC360 mineralisation (including the two planned RC holes shown in Figure 1). This drilling also intends to test of the 'contact' of the granodiorite and mafic rocks, and extensions into the mafic; and

b) 14 shallow step-out holes, ranging from 70-100m depth, planned to test strike extensions of shallow mineralisation, both within and outside the granodiorite.

Figure 3 also highlights the limited step-out drilling around the pit, particularly to the north and east, and illustrates the surface expression of the Bull Oak granodiorite. **Importantly, mineralisation is not constrained by the boundary of the granodiorite** and extends into the mafic rocks.

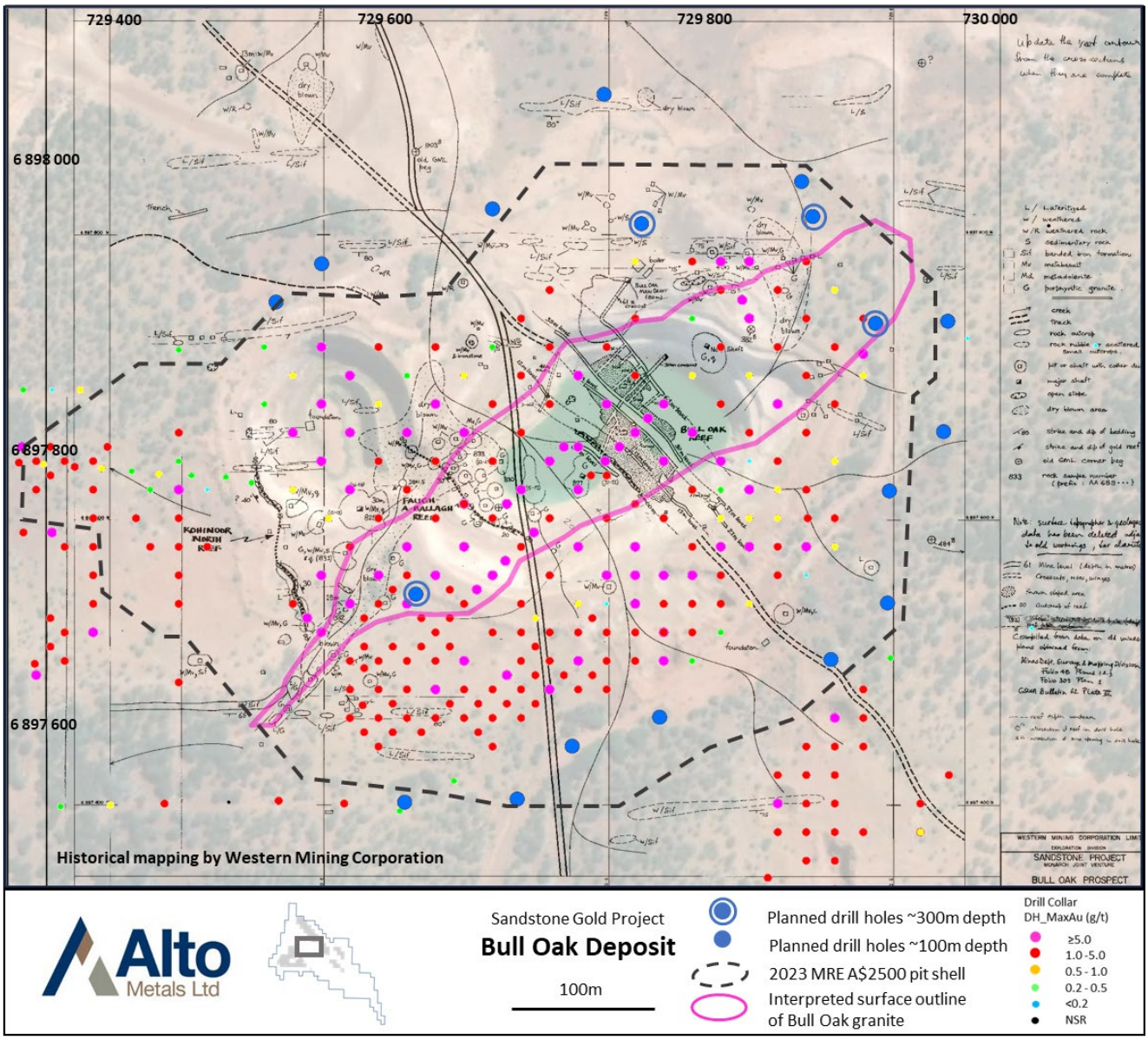


Figure 3: Plan view of Bull Oak Mine showing historical drilling and planned drilling (shown in blue) overlaid with historical mapping by Western Mining Corporation. Also highlighted are the three main reefs, Bull Oak, Kohinoor North and Faugh-A-Ballagh.

Surrounding historical workings

The Bull Oak deposit is surrounded by numerous historical shafts and old workings, that together are known as the Hancocks Mining Centre, which produced a total of ~40,000oz of gold at an average grade of 38g/t Au between 1904 and 1943.

These extensive workings, the majority of which are relatively shallow at less than 10m depth, cover an area of approximately a 3km x 3km and is considered a strong indication of the prospectivity of the area. Limited historical drilling in the area has returned results including:

- **19m @ 2.6 g/t gold** from 9m; incl. **1m @ 29.0 g/t gold** from 15m; (MSGC681) – Hillview
- **14m @ 1.7 g/t gold** from 81m; (HRB282) ended in mineralisation – Hillview
- **10m @ 2.5 g/t gold** from 66m; incl. **1m @ 9.0 g/t gold** from 67m; (HKP134) ended in mineralisation – Hillview
- **8m @ 2.9 g/t gold** from 44m; incl. **3m @ 5.3 g/t gold** from 44m; (HKP92) – Hillview
- **9m @ 2.0 g/t gold** from 22m; incl. **1m @ 7.3 g/t gold** from 29m;(HRB297) – Worker Granite
- **5m @ 3.1 g/t gold** from 13m;(MSGC662) – Worker Granite

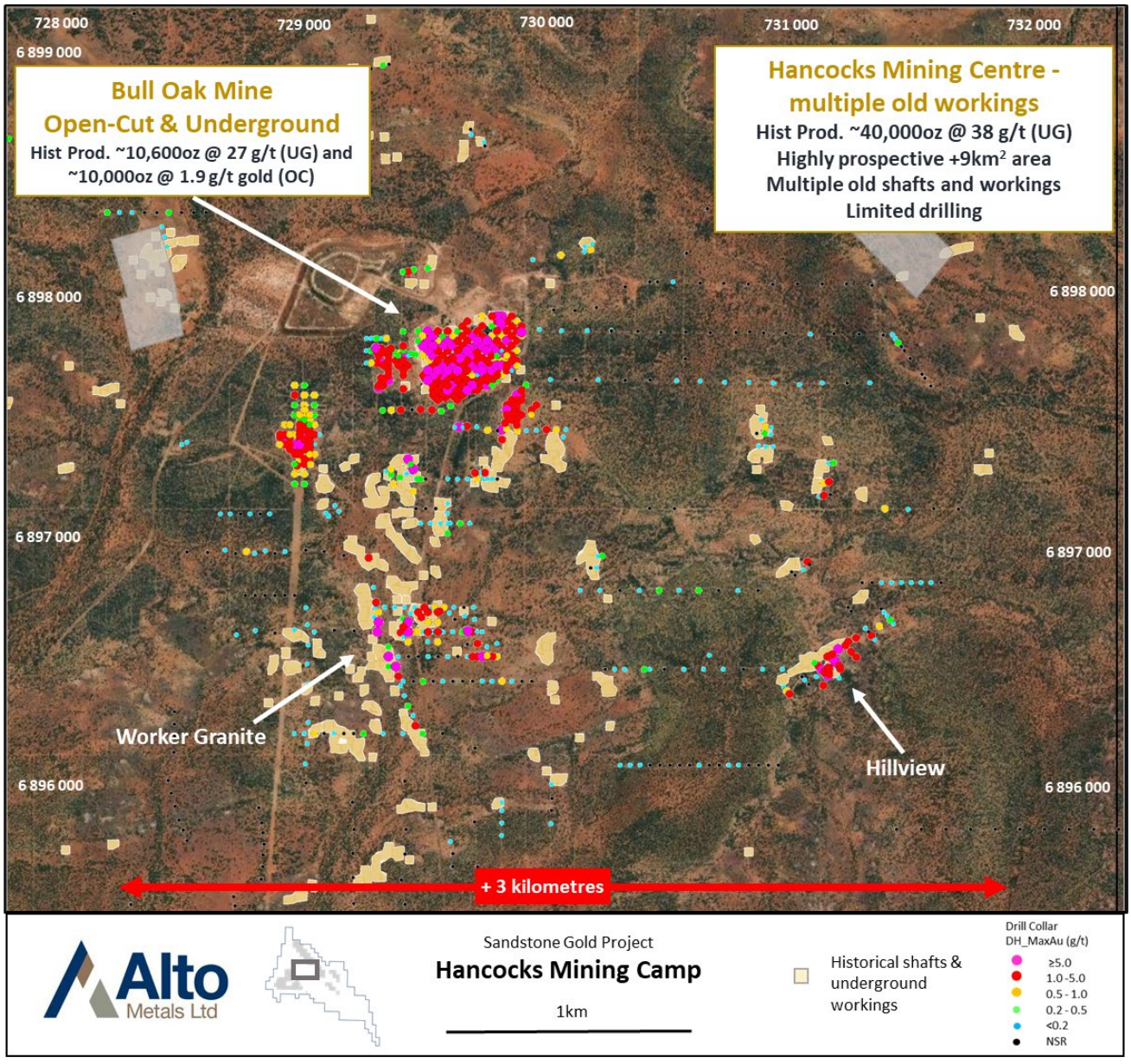


Figure 4: Regional plan view of the historic Hancocks Mining Centre, including the Bull Oak Mine, Worker Granite and Hillview prospects and the numerous historic old mine shafts and workings.

Figure 5: Drone image over the open-pit Bull Oak Mine, mined by Herald Resource Ltd.

Key points identified so far from the review of Bull Oak and the surrounding historic workings include:

1. **Based on the continuity of mineralisation observed at Bull Oak, there is considerable potential to define additional open-pitable gold resources at Bull Oak by extending mineralisation, both up and down dip of known mineralisation, as well as along strike and at depth, as highlighted in Figure 1.**
2. **The style of mineralisation at the Bull Oak deposit is multiple stacked lodes hosted within a granodiorite (similar to that observed at Lord Nelson and Lord Henry).**
3. **The intrusion has a strike length of approximately 500m and a width of up to 150m, with relatively steep dipping boundaries and has not been defined at depth. Importantly, mineralisation is not constrained by the boundary of the granodiorite and extends into the mafic rocks.**
4. **The current 65,000 oz gold resource captures the majority of the historical shallow results and is limited by the extent of drilling, as highlighted in Figures 2 and 3.**
5. **The Bull Oak open pit was last mined by Herald in 1997, when the gold price was ~US$320/oz, significant mineralisation remains immediately below the shallow open pit (mined to 60m depth).**
6. **Extensive workings over an area of approximately a 3km x 3km are relatively shallow (avg. 10m depth) and are considered a strong indication of the prospectivity of the wider area**

History, geological setting and technical discussion – Bull Oak

The Bull Oak deposit is located within the Hancocks Mining Centre, approximately 5km southeast of Sandstone, and produced a total of 39,936oz of gold at an average grade of 38g/t Au between 1904 and 1943.

Underground mining was carried out at Bull Oak, targeting the higher-grade reefs. Historical production from the reefs was 10,617oz at a grade of 27g/t Au. Herald Resources Ltd commenced open pit mining at Bull Oak in April 1997 and ceased mining in September 1997, producing 161,431 tonnes at 1.87 g/t Au for 9,701oz of gold.

Exploration activities by WMC, Elmina and Herald between 1983 and 1999 included geological mapping, deflation lag sampling, drilling, resource estimation and open pit mining. Troy Resources NL carried out pit mapping between 1999 and 2009 and completed one diamond drill hole in 2009.

The Bull Oak granodiorite is a porphyritic intrusion with a strike length of approximately 500 m and a width of up to 150 m. The intrusion has a depth of at least 250 m and has relatively steep dipping boundaries, which has not been defined at depth. The intrusion trends north-east cutting across an east-west striking sequence of mafic rocks and BIF units. The granodiorite does not outcrop and is intensely kaolinised to clay plus quartz to a depth of approximately 60 m below surface. The fresh granodiorite is a medium grained, pale grey, biotite granodiorite with traces of pyrite.

Mineralisation at the Bull Oak deposit is associated with multiple north-west trending quartz reefs, which dip approximately 30 degrees to the north-east. These include the three main gold reefs (Bull Oak, Faugh-A-Ballagh, and Kohinoor North) with a fourth reef (Monarch) between the Faugh-A-Ballagh and Kohinoor North and two additional reefs overlying the main Bull Oak reef. **The style of mineralisation at Bull Oak appears to be similar to that observed at Lord Henry, with multiple stacked lodes within a granodiorite.**

A geological log of WMC diamond drillhole MSGD010, which was sited on the footwall side of the Bull Oak Reef, identified the Faugh-A-Ballagh reef as 40 cm of ironstained quartz from ~48 m below surface. The Kohinoor North Reef was seen as a cluster of quartz veins at 127 m below surface. Another 40 cm vein was seen at 102 m below surface.

Depth of weathering is interpreted from drilling data to be approximately 60 m.

Figure 6: Drilling SRC360 at Bull Oak Mine. Follow up extensional drilling commencing in the coming weeks.

Upcoming news flow and planned exploration for 2023

The next phase of exploration at Sandstone, either planned or already underway, includes:

- ongoing targeting and prospectivity review of the historic Bull Oak Mine and surrounds, with the intention of driving further resource growth; *completed*
- a phased 5,000-10,000m of extensional and resource RC drilling, contemplated for Bull Oak, Indomitable, Vanguard and regional prospects – *first phase of 5,000m of drilling, including Bull Oak, commencing in the coming weeks*
- a follow up drilling program for structural and lithological purposes at Indomitable, based on the increased geological interpretation and updated targeting model from this most recent drill program. *The Company has submitted an application for co-funding of the program under the WA State Govt. Exploration Incentive Scheme (EIS)*
- low cost geochemical sampling over Sandstone North – *results pending*
- low-cost lithium exploration work is continuing at Sandstone, including multi-element geochemical sampling along parts of the Edale Shear along the eastern tenement boundary, where are number of prospective targets have already been identified – *exploration work is ongoing*

Alto remains focused on growing the existing resources within the Alpha Domain, while continuing to review the multiple advanced brownfield prospects, as part of the Company's longer term strategy to support a stand-alone operation at the Sandstone Gold Project.

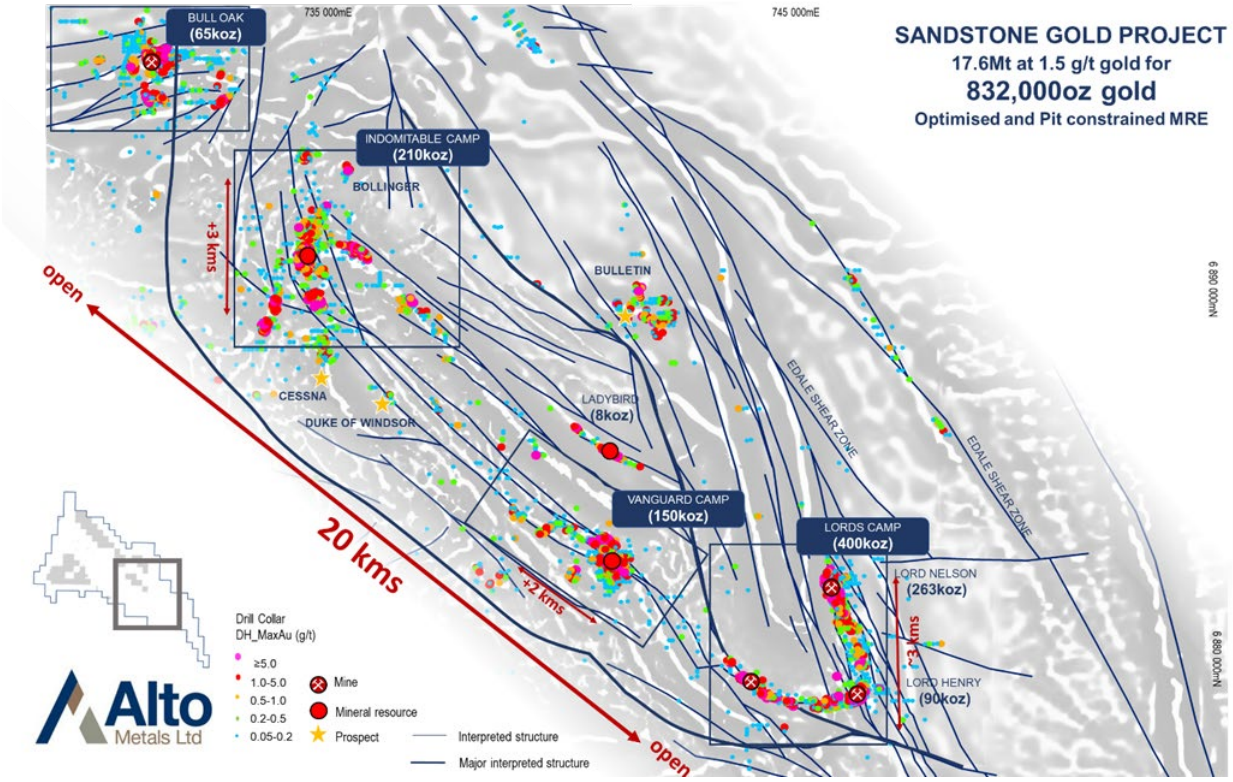


Figure 7: Location of total current mineral resources for Sandstone Gold Project

For further information regarding Alto and its 100% owned Sandstone Gold Project, please visit the ASX platform (ASX: AME) or the Company's website at www.altometals.com.au.

This announcement has been authorised by the Managing Director of Alto Metals Limited on behalf of the Board.

Matthew Bowles
Managing Director & CEO
Alto Metals Limited
+61 8 9381 2808

Competent Persons Statement

The information in this Report that relates to current and historical Exploration Results is based on information compiled by Mr Michael Kammermann, who is an employee and shareholder of Alto Metals Ltd, and he is also entitled to participate in Alto's Employee Incentive Scheme. Mr Kammermann is a Member of the Australian Institute of Geoscientists and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Kammermann consents to the inclusion in the report of the matters based on the information in the context in which it appears.

Forward-Looking Statements

This release may include forward-looking statements. Forward-looking statements may generally be identified by the use of forward-looking verbs such as expects, anticipates, believes, plans, projects, intends, estimates, envisages, potential, possible, strategy, goals, objectives, or variations thereof or stating that certain actions, events or results may, could, would, might or will be taken, occur or be achieved, or the negative of any of these terms and similar expressions. which are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Alto Metals Limited. Actual values, results or events may be materially different to those expressed or implied in this release. Given these uncertainties, recipients are cautioned not to place reliance on forward-looking statements. Any forward-looking statements in this release speak only at the date of issue. Subject to any continuing obligations under applicable law and the ASX Listing Rules, Alto Metals Limited does not undertake any obligation to update or revise any information or any of the forward-looking statements in this release or any changes in events, conditions or circumstances on which any such forward-looking statement is based.

Exploration Results

The references in this announcement to Exploration Results for the Sandstone Gold Project were reported in accordance with Listing Rule 5.7 in the announcements titled:

Vanguard drilling returns 24m @ 3.5 g/t gold, 8 December 2021

The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcements noted above

About Alto Metals

Alto Metals Ltd (ASX: AME) is an advanced gold explorer that owns the Sandstone Gold Project (100%) located in the east Murchison of Westerns Australia.

The Sandstone Gold Project covers ~740km^2 of the Sandstone Greenstone Belt and currently has an optimised, open-pit constrained mineral resource estimate of 832,000oz gold at 1.5g/t, capturing over 80% of the unconstrained total MRE of 1.05Moz. Importantly the mineral resources are shallow with over 90% within 150m from surface Alto is currently focused on growing these resources through continued exploration success and new discoveries.

Figure 8. Location of Sandstone Gold Project within the East Murchison Gold Field, WA

Tables 1 & 2: Optimised and Pit Constrained Mineral Resource Estimate for Sandstone Gold Project

Table 1: Total Mineral Resource Estimate for Sandstone Gold Project

Mineral Resource Estimate for the Sandstone Gold Project as at March 2023				
Classification	**Cut-off grade (g/t gold)**	**Tonnes (Mt)**	**Grade (g/t gold)**	**Contained gold (koz)**
Total Indicated	0.5	4.3	1.6	226
Total Inferred	0.5	13.3	1.4	606
TOTAL	**0.5**	**17.6**	**1.5**	**832**

Updated Mineral Resources reported at a cut-off grade of 0.5 g/t gold. Mineral Resources for Indomitable are reported at a cut-off grade of 0.3 g/t gold. Minor discrepancies may occur due to rounding of appropriate significant figures.

Table 2: Total Mineral Resource Estimate for Sandstone Gold Project (by deposit)

Mineral Resource Estimate for the Sandstone Project - March 2023										
		Indicated			**Inferred**			**TOTAL**		
Prospect	**Cut-Off**	**Tonnes (Mt)**	**Grade (g/t)**	**Gold Ounces (koz)**	**Tonnes (Mt)**	**Grade (g/t)**	**Gold Ounces (koz)**	**Tonnes (Mt)**	**Grade (g/t)**	**Gold Ounces (koz)**
Lord Nelson	**0.5**	**1.5**	**2.1**	**100**	**3.5**	**1.4**	**163**	**5.0**	**1.6**	**263**
Lord Henry	**0.5**	**1.6**	**1.5**	**77**	**0.3**	**1.2**	**13**	**1.9**	**1.4**	**90**
Havilah	0.5				0.9	1.4	38	0.9	1.4	38
Maninga Marley	0.5				0.1	2.6	8	0.1	2.6	8
Havilah Camp	**0.5**				**1**	**1.5**	**46**	**1.0**	**1.5**	**46**
Vanguard	0.5	0.4	2	26	1.5	1.6	77	1.9	1.7	103
Vanguard North	0.5				0.4	3.8	47	0.4	3.8	47
Vanguard Camp	**0.5**	**0.4**	**2**	**26**	**1.9**	**1.6**	**124**	**2.3**	**2.0**	**150**
Musketeer	0.5				0.8	1.5	40	0.8	1.5	40
Indomitable	0.5	0.8	0.9	23	2.2	1.2	81	3.0	1.1	104
Indomitable East	0.5				1	1.1	34	1.0	1.1	34
Tiger Moth	0.5				0.5	1.7	28	0.5	1.7	28
Piper	0.5				0.1	1	4	0.1	1.0	4
Indomitable Camp	**0.5**	**0.8**	**0.9**	**23**	**4.6**	**1.1**	**187**	**5.4**	**1.2**	**210**
Bull Oak	**0.5**				**1.9**	**1.1**	**65**	**1.9**	**1.1**	**65**
Ladybird	**0.5**				**0.1**	**1.9**	**8**	**0.1**	**1.9**	**8**
Total	**0.5**	**4.3**	**1.6**	**226**	**13.3**	**1.4**	**606**	**17.6**	**1.5**	**832**

Updated Mineral Resources reported at a cut-off grade of 0.5 g/t gold and are constrained within a A$2,500/oz optimised pit shells based on mining parameters and operating costs typical for Australian open pit extraction deposits of a similar scale and geology. Mineral Resources for Lord Henry, Vanguard Camp, Havilah Camp, Piper, Tiger Moth and Ladybird deposits have not been updated. Minor discrepancies may occur due to rounding of appropriate significant figures.

Table 3: Unconstrained Mineral Resources for Sandstone Gold Project, March 2023

Unconstrained Mineral Resources for the Sandstone Gold Project as at March 2023				
Classification	**Cut-off grade (g/t gold)**	**Tonnes (Mt)**	**Grade (g/t gold)**	**Contained gold (koz)**
Total Indicated	0.5	4.3	1.6	227
Total Inferred	0.5	19.2	1.4	819
TOTAL	**0.5**	**23.5**	**1.4**	**1,046**

Unconstrained Mineral Resources reported at a cut-off grade of 0.5 g/t gold. Minor discrepancies may occur due to rounding of significant figures.

The references in this announcement to Mineral Resource estimates for the Sandstone Gold Project were reported in accordance with Listing Rule 5.8 in the following announcements:

(a): Lord Nelson, Indomitable, Bull Oak release: "Significant increase in shallow gold resources at Sandstone Gold Project" 3 April 2023;

(b) Vanguard Camp, Havilah Camp, Lord Henry: release titled: *"Sandstone Mineral Resource increases to 635,000oz gold"* 23 March 2022;

(c): Indomitable Camp (Piper & Tiger Moth deposits): release "*Maiden Gold Resource at Indomitable & Vanguard Camps, Sandstone WA*" 25 Sep 2018; and

(d): Ladybird: release "*Alto increases Total Mineral Resource Estimate to 290,000oz, Sandstone Gold Project*" 11 June 2019.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the previous market announcement noted above and that all material assumptions and technical parameters underpinning the Mineral Resource estimates in the previous market announcement continue to apply and have not materially changed.

Table 4: Historical drill collar information for significant assay results >1.0 g/t Au (MGA 94 zone 50) – Bull Oak.

Hole_ID	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	m_MaxDepth	Prospect	From(m)	To(m)	Interval(m)	Au_g/t	g/t*m_Au	Comments
HRC124	RC	729,770	6,897,822	539	-90	0	100	Bull Oak	19	20	1	1.1	1.1	Mined
								and	30	31	1	1.1	1.1	Mined
								and	38	42	4	1.3	5.2	Mined
								including	38	39	1	2.7	2.7	Mined
								and	71	76	5	1.7	8.5	Unmined
								including	71	72	1	6.5	6.5	Unmined
								and	86	89	3	1.8	5.4	Unmined
								including	86	88	2	2.5	5.0	Unmined
HRC139	RC	729,570	6,897,621	541	-90	0	60	Bull Oak	0	3	3	1.1	3.3	Mined
HRC161	RC	729,670	6,897,722	538	-90	0	70	Bull Oak	37	50	13	2.4	31.2	Unmined
								including	39	40	1	17.1	17.1	Unmined
								and including	48	49	1	1.3	1.3	Unmined
								and	53	54	1	1.1	1.1	Unmined
								and	57	67	10	8.3	83.2	Unmined
								including	57	60	3	25.8	77.3	Unmined
HRC162	RC	729,690	6,897,742	538	-90	0	66	Bull Oak	9	21	12	7.2	86.8	Mined
								including	9	13	4	20.5	82.0	Mined
								and	32	52	20	1.2	24.4	Unmined
								including	34	35	1	1.6	1.6	Unmined
								and including	38	47	9	2.0	18.3	Unmined
HRC164	RC	729,730	6,897,782	539	-90	0	75	Bull Oak	13	14	1	1.5	1.5	Mined
								and	38	39	1	1.4	1.4	Mined
								and	54	58	4	1.1	4.6	Mined
								including	55	56	1	3.1	3.1	Unmined
								and	68	69	1	1.2	1.2	Unmined
HRC165	RC	729,740	6,897,792	539	-90	0	75	Bull Oak	10	12	2	1.1	2.2	Mined
								incuding	10	11	1	2.0	2.0	Mined
								and	18	22	4	1.4	5.6	Mined
								including	21	22	1	4.9	4.9	Mined
								and	31	37	6	3.0	18.1	Mined
								including	32	33	1	13.0	13.0	Mined
								and	40	42	2	1.2	2.4	Mined
								and	54	62	8	1.2	9.6	Unmined
								including	61	62	1	3.7	3.7	Unmined
HRC166	RC	729,750	6,897,802	539	-90	0	78	Bull Oak	13	27	14	1.9	27.1	Mined
								including	15	19	4	5.4	21.5	Mined
								and	68	78	10	1.0	10.5	Unmined
								including	69	70	1	7.0	7.0	Unmined
HRC295	RC	729,961	6,897,532	544	-90	0	12	Bull Oak	1	2	1	1.1	1.1	Mined
HRC296	RC	729,961	6,897,552	544	-90	0	12	Bull Oak	0	1	1	2.0	2.0	Mined
HRC297	RC	729,981	6,897,572	544	-90	0	12	Bull Oak	0	5	5	1.0	5.2	Mined
HRC299	RC	729,921	6,897,592	543	-90	0	30	Bull Oak	2	4	2	1.1	2.2	Mined
HRC300	RC	729,901	6,897,572	543	-90	0	30	Bull Oak	0	16	16	1.1	16.9	Mined
								including	2	6	4	2.1	8.4	Mined
								and including	14	15	1	2.6	2.6	Unmined
HRC302	RC	729,921	6,897,532	544	-90	0	12	Bull Oak	0	5	5	1.0	5.0	Mined
								including	1	2	1	2.8	2.8	Mined
HRC303	RC	729,361	6,897,652	541	-90	0	12	Bull Oak	0	2	2	1.3	2.6	Mined
HRC306	RC	729,381	6,897,672	541	-90	0	12	Bull Oak	0	5	5	3.1	15.6	Mined
								including	0	1	1	11.0	11.0	Mined
								and	8	9	1	1.1	1.1	Unmined
HRC307	RC	729,381	6,897,692	541	-90	0	12	Bull Oak	0	5	5	1.0	5.2	Mined
								including	0	1	1	2.1	2.1	Mined
HRC308	RC	729,381	6,897,712	541	-90	0	12	Bull Oak	0	1	1	1.1	1.1	Mined
HRC309	RC	729,381	6,897,732	541	-90	0	12	Bull Oak	0	2	2	1.0	2.1	Mined
HRC310	RC	729,381	6,897,752	540	-90	0	12	Bull Oak	8	9	1	1.1	1.1	Unmined
HRC311	RC	729,381	6,897,772	540	-90	0	12	Bull Oak	0	12	12	1.3	15.6	Unmined
								including	6	12	6	2.1	12.7	Unmined
HRC312	RC	729,381	6,897,792	540	-90	0	30	Bull Oak	0	2	2	1.2	2.4	Mined
HRC313	RC	729,361	6,897,792	539	-90	0	47	Bull Oak	4	6	2	1.0	2.1	Mined
								and	9	12	3	1.4	4.3	Unmined
								including	11	12	1	2.7	2.7	Unmined
HRC316	RC	729,361	6,897,732	540	-90	0	12	Bull Oak	0	1	1	1.1	1.1	Mined
HRC319	RC	729,361	6,897,672	541	-90	0	12	Bull Oak	0	4	4	1.1	4.2	Mined
HRC320	RC	729,351	6,897,782	539	-90	0	36	Bull Oak	8	11	3	1.0	3.0	Unmined
HRC326	RC	729,531	6,897,682	541	-90	0	30	Bull Oak	12	13	1	1.2	1.2	Unmined
								and	19	25	6	2.4	14.1	Unmined
								including	19	21	2	6.3	12.6	Unmined
HRC327	RC	729,521	6,897,692	541	-90	0	30	Bull Oak	22	25	3	1.1	3.3	Unmined
HRC77	RC	729,650	6,897,702	538	-90	0	69	Bull Oak	6	10	4	2.1	8.4	Unmined
								including	7	8	1	6.8	6.8	Unmined
								and	19	20	1	1.2	1.2	Unmined
								and	33	36	3	1.5	4.5	Unmined
								including	33	35	2	2.1	4.1	Unmined
								and	45	47	2	1.0	2.1	Unmined
MSGC1011	RC	729,741	6,897,712	539	-90	0	60	Bull Oak	24	26	2	3.3	6.7	Unmined
								including	24	25	1	6.4	6.4	Unmined
MSGC1012	RC	729,741	6,897,752	539	-90	0	57	Bull Oak	25	29	4	1.4	5.8	Mined
									26	28	2	2.5	4.9	Mined
								Bull Oak	38	39	1	1.2	1.2	Mined
MSGC1013	RC	729,761	6,897,732	539	-90	0	60	Bull Oak	50	58	8	1.7	13.5	Unmined
								including	50	52	2	5.4	10.7	Unmined
MSGC1015	RC	729,861	6,897,792	540	-90	0	66	Bull Oak	33	42	9	1.2	10.8	Unmined
								including	39	42	3	2.0	6.0	Unmined
								and	56	57	1	1.3	1.3	Unmined
MSGC1016	RC	729,901	6,897,832	541	-90	0	60	Bull Oak	1	2	1	1.4	1.4	Mined
								and	10	11	1	1.2	1.2	Unmined

Table 4 (cont.): Historical drill collar information for significant assay results >1.0 g/t Au (MGA 94 zone 50) – Bull Oak.

Hole_ID	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	m_MaxDepth	Prospect	From(m)	To(m)	Interval(m)	Au_g/t	g/t*m_Au	Comments
MSGC1018	RC	729,881	6,897,892	540	-90	0	70	Bull Oak	27	28	1	1.2	1.2	Unmined
								and	37	38	1	1.1	1.1	Unmined
								and	45	56	11	1.0	11.0	Unmined
								including	48	50	2	2.6	5.1	Unmined
								and	65	67	2	1.9	3.9	Unmined
								including	65	66	1	3.3	3.3	Unmined
MSGC1019	RC	729,881	6,897,932	540	-90	0	80	Bull Oak	26	30	4	1.4	5.5	Unmined
								including	26	28	2	2.4	4.8	Unmined
								and	71	75	4	1.0	4.0	Unmined
								including	72	73	1	2.2	2.2	Unmined
MSGC1020	RC	729,701	6,897,912	537	-90	0	70	Bull Oak	23	25	2	2.7	5.5	Unmined
MSGC1021	RC	729,681	6,897,892	537	-90	0	75	Bull Oak	23	24	1	1.4	1.4	Unmined
								and	34	39	5	1.8	9.0	Unmined
								including	36	39	3	2.4	7.1	Unmined
MSGC1024	RC	729,601	6,897,812	540	-90	0	45	Bull Oak	28	32	4	1.7	6.9	Unmined
								including	29	30	1	6.1	6.1	Unmined
MSGC1025	RC	729,541	6,897,792	540	-90	0	52	Bull Oak	24	40	16	3.0	47.4	Mined
								including	28	29	1	34.0	34.0	Mined
								and	36	39	3	1.1	3.2	Mined
								including	36	37	1	2.1	2.1	Mined
MSGC1026	RC	729,541	6,897,832	540	-90	0	58	Bull Oak	22	34	12	2.8	34.1	Mined
								including	29	30	1	30.0	30.0	Mined
MSGC1028	RC	729,581	6,897,632	541	-88	180	64	Bull Oak	1	2	1	1.0	1.0	Mined
								and	49	50	1	2.6	2.6	Unmined
MSGC1029	RC	729,601	6,897,652	540	-90	0	67	Bull Oak	0	4	4	1.2	4.7	Mined
								including	2	3	1	2.3	2.3	Mined
								and	28	29	1	1.0	1.0	Unmined
								and	42	45	3	1.5	4.4	Unmined
								including	42	44	2	2.1	4.1	Unmined
								and	58	61	3	1.1	3.4	Unmined
								including	58	59	1	2.7	2.7	Unmined
MSGC1030	RC	729,641	6,897,652	539	-90	0	70	Bull Oak	41	55	14	1.4	19.4	Unmined
								including	41	42	1	3.5	3.5	Unmined
								and including	49	51	2	5.0	10.0	Unmined
MSGC1031	RC	729,661	6,897,672	538	-90	0	70	Bull Oak	16	25	9	1.2	10.7	Unmined
								including	16	18	2	2.5	5.1	Unmined
								and	45	46	1	1.7	1.7	Unmined
MSGC1032	RC	729,701	6,897,672	539	-90	0	70	Bull Oak	3	6	3	1.0	3.1	Mined
								and	14	21	7	1.4	10.1	Unmined
								including	15	19	4	2.1	8.4	Unmined
MSGC1035	RC	729,441	6,897,692	540	-90	0	73	Bull Oak	0	3	3	1.0	3.1	Mined
								and	46	47	1	1.1	1.1	Unmined
MSGC1036	RC	729,441	6,897,637	541	-90	0	93	Bull Oak	65	71	6	1.1	6.7	Unmined
								including	65	67	2	2.5	4.9	Unmined
								and	85	89	4	1.0	4.1	Unmined
MSGC1037	RC	729,041	6,897,492	540	-90	0	99	Bull Oak	0	4	4	1.0	4.1	Mined
MSGC1038	RC	729,041	6,897,452	541	-90	0	65	Bull Oak	0	5	5	1.1	5.6	Mined
MSGC1039	RC	729,041	6,897,412	543	-90	0	4	Bull Oak	0	4	4	2.0	7.8	Mined
								including	1	2	1	3.2	3.2	Mined
MSGC1040	RC	729,041	6,897,372	544	-90	0	46	Bull Oak	0	4	4	1.1	4.4	Mined
MSGC1064	RC	729,761	6,897,692	540	-90	0	73	Bull Oak	0	7	7	1.1	7.7	Mined
								and	43	53	10	1.7	16.9	Unmined
								including	46	47	1	6.7	6.7	Unmined
MSGC1065	RC	729,781	6,897,752	540	-90	0	80	Bull Oak	3	5	2	1.2	2.4	Mined
								and	50	51	1	1.0	1.0	Unmined
MSGC1066	RC	729,801	6,897,692	540	-90	0	70	Bull Oak	1	11	10	1.6	15.6	Mined
								including	2	9	7	2.1	14.6	Mined
								and	31	32	1	1.2	1.2	Unmined
								and	61	65	4	1.0	4.0	Unmined
								including	63	64	1	2.5	2.5	Unmined
MSGC1067	RC	729,781	6,897,712	540	-90	0	61	Bull Oak	0	18	18	1.9	34.6	Mined
								including	4	10	6	5.1	30.4	Mined
								and	40	41	1	1.1	1.1	Unmined
MSGC1068	RC	729,581	6,897,792	540	-90	0	73	Bull Oak	50	52	2	1.2	2.3	Unmined
MSGC1070	RC	729,561	6,897,812	540	-90	0	73	Bull Oak	37	42	5	2.5	12.7	Mined
								including	38	40	2	5.5	10.9	Mined
								and	50	54	4	1.2	4.7	Unmined
								including	52	53	1	2.7	2.7	Unmined
MSGC1128	RC	729,441	6,897,772	540	-61	0	75	Bull Oak	0	3	3	1.1	3.2	Mined
								and	40	44	4	1.5	6.2	Unmined
								including	41	42	1	5.1	5.1	Unmined
MSGC1129	RC	729,441	6,897,732	540	-90	0	70	Bull Oak	0	5	5	1.5	7.7	Mined
								including	0	3	3	2.4	7.1	Mined
								and	41	42	1	1.4	1.4	Unmined
MSGC1190	RC	729,521	6,897,812	540	-90	0	46	Bull Oak	14	32	18	2.7	47.7	Mined
								including	14	17	3	5.7	17.2	Mined
								and including	21	25	4	5.4	21.5	Mined
MSGC1191	RC	729,541	6,897,872	539	-90	0	73	Bull Oak	32	33	1	1.1	1.1	Unmined
								and	36	39	3	2.5	7.4	Unmined
								including	36	37	1	6.2	6.2	Unmined
MSGC1193	RC	729,621	6,897,872	539	-90	0	76	Bull Oak	36	40	4	1.0	4.1	Unmined
								including	37	38	1	2.2	2.2	Unmined
MSGC1195	RC	729,801	6,897,932	538	-90	0	74	Bull Oak	16	17	1	1.0	1.0	Unmined
								and	21	22	1	1.0	1.0	Unmined
								and	32	33	1	1.1	1.1	Unmined
								and	40	41	1	2.7	2.7	Unmined
MSGC1197	RC	729,921	6,897,892	540	-90	0	88	Bull Oak	71	74	3	1.4	4.3	Unmined
								including	71	73	2	2.0	4.0	Unmined
								and	77	78	1	1.2	1.2	Unmined
								and	80	87	7	1.1	7.4	Unmined
								including	83	84	1	2.8	2.8	Unmined

Table 4 (cont.): Historical drill collar information for significant assay results >1.0 g/t Au (MGA 94 zone 50) – Bull Oak.

Hole_ID	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	m_MaxDepth	Prospect	From(m)	To(m)	Interval(m)	Au_g/t	g/t*m_Au	Comments
MSGC1198	RC	729,901	6,897,872	540	-90	0	76	Bull Oak	13	16	3	2.7	8.2	Unmined
								and	41	42	1	1.3	1.3	Unmined
MSGC1200	RC	729,881	6,897,772	541	-90	0	47	Bull Oak	2	6	4	1.1	4.2	Mined
								including	5	6	1	3.2	3.2	Mined
MSGC1201	RC	729,801	6,897,732	540	-90	0	69	Bull Oak	0	4	4	1.8	7.2	Mined
								including	0	3	3	2.3	6.8	Mined
								and	21	22	1	1.3	1.3	Unmined
								and	55	64	9	1.1	9.7	Unmined
								including	55	56	1	3.2	3.2	Unmined
								and including	60	61	1	2.6	2.6	Unmined
MSGC1202	RC	729,821	6,897,712	541	-90	0	49	Bull Oak	4	6	2	1.3	2.6	Mined
MSGC1205	RC	729,781	6,897,672	540	-90	0	61	Bull Oak	2	15	13	4.3	56.1	Mined
								including	6	8	2	17.2	34.4	Mined
								and	22	23	1	1.4	1.4	Unmined
								and	52	54	2	1.1	2.2	Unmined
MSGC1206	RC	729,741	6,897,672	540	-90	0	66	Bull Oak	0	7	7	1.2	8.3	Mined
								including	1	3	2	2.0	4.1	Mined
MSGC1207	RC	729,721	6,897,692	539	-90	0	60	Bull Oak	56	57	1	1.0	1.0	Unmined
MSGC1208	RC	729,761	6,897,652	540	-90	0	58	Bull Oak	10	12	2	1.3	2.7	Unmined
								and	56	57	1	2.2	2.2	Unmined
MSGC1209	RC	729,741	6,897,632	540	-90	0	71	Bull Oak	29	30	1	2.0	2.0	Unmined
								and	38	39	1	1.0	1.0	Unmined
MSGC1210	RC	729,721	6,897,652	540	-90	0	71	Bull Oak	55	65	10	1.8	18.2	Unmined
								including	55	64	9	2.0	18.0	Unmined
								and including	58	59	1	6.5	6.5	Unmined
								and	68	70	2	1.2	2.5	Unmined
								including	68	69	1	2.1	2.1	Unmined
MSGC1211	RC	729,681	6,897,652	539	-90	0	70	Bull Oak	0	3	3	1.1	3.2	Mined
								and	53	56	3	1.2	3.5	Unmined
								including	53	54	1	2.5	2.5	Unmined
MSGC1212	RC	729,701	6,897,632	539	-90	0	66	Bull Oak	5	7	2	1.1	2.1	Unmined
								and	26	27	1	1.6	1.6	Unmined
								and	50	58	8	1.4	11.4	Unmined
								including	54	55	1	6.9	6.9	Unmined
MSGC1213	RC	729,661	6,897,632	539	-90	0	47	Bull Oak	0	5	5	1.0	5.1	Mined
								and	27	29	2	1.3	2.7	Unmined
								and	35	46	11	1.1	12.0	Unmined
								including	37	41	4	2.1	8.4	Unmined
MSGC1214	RC	729,621	6,897,632	539	-90	0	27	Bull Oak	2	4	2	1.0	2.1	Unmined
								and	18	27	9	2.7	24.3	Unmined
								including	19	20	1	13.8	13.8	Unmined
MSGC1270	RC	729,001	6,897,392	541	-62	0	89	Bull Oak	0	1	1	1.0	1.0	Mined
								and	36	37	1	1.3	1.3	Unmined
MSGC1273	RC	729,021	6,897,432	542	-90	0	10	Bull Oak	0	3	3	1.4	4.1	Mined
MSGC1274	RC	729,021	6,897,472	540	-90	0	10	Bull Oak	0	2	2	1.5	3.0	Mined
								including	0	1	1	2.0	2.0	Mined
MSGC1276	RC	729,061	6,897,352	544	-90	0	10	Bull Oak	0	1	1	1.3	1.3	Mined
MSGC1277	RC	729,061	6,897,392	545	-90	0	10	Bull Oak	0	1	1	1.2	1.2	Mined
MSGC1278	RC	729,061	6,897,432	543	-90	0	10	Bull Oak	0	7	7	1.0	7.1	Mined
MSGC1279	RC	729,061	6,897,472	542	-90	0	10	Bull Oak	0	5	5	1.3	6.5	Mined
								including	0	2	2	2.2	4.4	Mined
MSGC1281	RC	728,961	6,897,442	539	-64	0	106	Bull Oak	31	34	3	3.1	9.4	Unmined
								including	31	32	1	8.7	8.7	Unmined
								and	38	41	3	2.2	6.5	Unmined
								including	40	41	1	5.6	5.6	Unmined
MSGC1283	RC	729,781	6,897,652	540	-90	0	15	Bull Oak	5	8	3	2.9	8.6	Mined
								including	7	8	1	6.7	6.7	Mined
MSGC1284	RC	729,781	6,897,692	540	-90	0	15	Bull Oak	1	5	4	1.2	4.6	Mined
								and	7	9	2	1.7	3.3	Mined
								including	7	8	1	2.4	2.4	Mined
MSGC1285	RC	729,801	6,897,672	541	-90	0	15	Bull Oak	9	10	1	2.4	2.4	Mined
MSGC1286	RC	729,801	6,897,712	540	-90	0	62	Bull Oak	2	11	9	2.1	18.7	Mined
								including	4	5	1	5.4	5.4	Mined
MSGC1287	RC	729,821	6,897,732	540	-90	0	15	Bull Oak	1	8	7	3.4	23.8	Mined
								including	3	4	1	10.2	10.2	Mined
MSGC1292	RC	729,841	6,897,732	541	-90	0	71	Bull Oak	64	71	7	38.9	272.6	Unmined
								including	65	66	1	154.0	154.0	Unmined
MSGC1293	RC	729,881	6,897,732	541	-90	0	15	Bull Oak	0	11	11	2.2	24.2	Mined
								including	6	7	1	11.8	11.8	Mined
MSGC1294	RC	729,901	6,897,752	541	-90	0	73	Bull Oak	7	8	1	1.0	1.0	Mined
MSGC1295	RC	729,921	6,897,867	540	-62	0	80	Bull Oak	13	14	1	1.9	1.9	Unmined
								and	29	30	1	5.1	5.1	Unmined
								and	33	34	1	1.4	1.4	Unmined
MSGC1296	RC	729,861	6,897,712	541	-90	0	64	Bull Oak	18	20	2	1.0	2.0	Unmined
MSGC1297	RC	729,821	6,897,692	541	-90	0	15	Bull Oak	4	6	2	1.5	3.0	Mined
								and	8	11	3	1.1	3.4	Mined
								including	9	10	1	2.0	2.0	Mined
MSGC1299	RC	729,761	6,897,712	540	-90	0	15	Bull Oak	3	10	7	2.7	18.8	Mined
								including	4	5	1	14.0	14.0	Mined
MSGC1300	RC	729,761	6,897,672	540	-90	0	67	Bull Oak	37	39	2	1.0	2.0	Unmined
								and	41	50	9	1.1	9.6	Unmined
								including	47	49	2	2.5	4.9	Unmined
								and	60	65	5	1.4	7.1	Unmined
								including	62	65	3	2.1	6.4	Unmined
MSGC1301	RC	729,621	6,897,652	539	-60	175	62	Bull Oak	0	1	1	1.1	1.1	Mined
								and	22	30	8	1.7	13.3	Unmined
								including	25	29	4	2.1	8.5	Unmined
MSGC1303	RC	729,461	6,897,732	540	-90	0	10	Bull Oak	0	4	4	1.8	7.3	Mined
								including	0	3	3	2.4	7.1	Mined
MSGC1304	RC	729,441	6,897,712	540	-90	0	10	Bull Oak	0	3	3	1.2	3.7	Mined
MSGC1305	RC	729,421	6,897,732	540	-90	0	10	Bull Oak	2	3	1	1.3	1.3	Mined
MSGC1306	RC	729,441	6,897,752	540	-90	0	10	Bull Oak	0	3	3	1.2	3.7	Mined
								including	1	2	1	2.2	2.2	Mined

Table 4 (cont.): Historical drill collar information for significant assay results >1.0 g/t Au (MGA 94 zone 50) – Bull Oak.

Hole_ID	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	m_MaxDepth	Prospect	From(m)	To(m)	Interval(m)	Au_g/t	g/t*m_Au	Comments
MSGC1309	RC	729,441	6,897,812	540	-90	0	65	Bull Oak	38	41	3	1.6	4.9	Unmined
								including	38	40	2	2.3	4.6	Unmined
MSGC1315	RC	729,561	6,897,852	540	-90	0	59	Bull Oak	36	37	1	6.9	6.9	Unmined
								and	48	49	1	1.6	1.6	Unmined
MSGC1316	RC	729,581	6,897,872	539	-90	0	74	Bull Oak	60	63	3	1.3	3.8	Unmined
								including	60	61	1	2.6	2.6	Unmined
MSGC1317	RC	729,861	6,897,732	541	-90	0	65	Bull Oak	5	8	3	1.2	3.5	Mined
								and	55	64	9	1.1	9.6	Unmined
								including	60	63	3	2.4	7.2	Unmined
MSGC1319	RC	729,882	6,897,752	541	-90	0	15	Bull Oak	5	7	2	1.2	2.4	Mined
								including	6	7	1	2.1	2.1	Mined
MSGC1336	RC	729,021	6,897,392	542	-60	0	75	Bull Oak	0	4	4	1.1	4.5	Mined
MSGC1337	RC	729,041	6,897,392	544	-60	0	80	Bull Oak	0	4	4	1.1	4.4	Mined
								and	39	40	1	1.3	1.3	Unmined
MSGC1339	RC	728,961	6,897,452	539	-60	0	66	Bull Oak	1	3	2	1.0	2.0	Mined
MSGC1352	RC	728,981	6,897,442	540	-60	0	85	Bull Oak	0	3	3	1.1	3.4	Mined
MSGC1353	RC	728,941	6,897,442	538	-63	0	74	Bull Oak	0	4	4	1.3	5.3	Mined
								including	0	2	2	2.0	4.1	Mined
								and	34	36	2	1.3	2.5	Unmined
MSGC1354	RC	728,981	6,897,392	540	-58	0	79	Bull Oak	0	6	6	1.3	8.0	Mined
								including	0	3	3	2.1	6.4	Mined
								and	24	27	3	2.1	6.2	Unmined
MSGC1355	RC	729,011	6,897,412	542	-61	90	79	Bull Oak	0	9	9	1.3	11.3	Mined
								including	0	4	4	2.0	8.1	Mined
MSGC1356	RC	729,071	6,897,412	545	-60	270	70	Bull Oak	0	9	9	1.1	9.7	Mined
								including	1	3	2	2.1	4.2	Mined
MSGC1357	RC	729,061	6,897,392	545	-60	0	87	Bull Oak	0	2	2	1.2	2.4	Mined
								and	77	80	3	1.0	3.1	Unmined
								including	79	80	1	2.4	2.4	Unmined
MSGC1358	RC	729,011	6,897,452	541	-63	90	76	Bull Oak	0	2	2	1.0	2.0	Mined
MSGC1359	RC	729,071	6,897,452	542	-58	270	70	Bull Oak	0	4	4	1.2	4.6	Mined
MSGC508	RC	729,601	6,897,692	540	-90	0	58	Bull Oak	0	1	1	1.0	1.0	Mined
								and	31	32	1	1.9	1.9	Unmined
								and	42	43	1	1.4	1.4	Unmined
								and	49	58	9	31.4	282.5	Unmined
								and	51	52	1	275.0	275.0	Unmined
MSGC509	RC	729,641	6,897,692	539	-90	0	52	Bull Oak	0	1	1	1.7	1.7	Mined
								and	37	38	1	1.1	1.1	Unmined
								and	49	50	1	1.0	1.0	Unmined
MSGC510	RC	729,681	6,897,692	539	-90	0	64	Bull Oak	27	28	1	1.4	1.4	Unmined
								and	37	38	1	1.0	1.0	Unmined
MSGC511	RC	729,721	6,897,732	539	-90	0	47	Bull Oak	23	30	7	1.7	12.2	Mined
								including	23	25	2	5.0	10.0	Mined
MSGC512	RC	729,681	6,897,732	538	-90	0	50	Bull Oak	20	21	1	1.4	1.4	Mined
									34	35	1	1.3	1.3	Unmined
MSGC513	RC	729,641	6,897,732	539	-90	0	90	Bull Oak	10	21	11	1.7	18.6	Mined
								including	10	11	1	13.0	13.0	Mined
								and including	19	21	2	1.1	2.1	Mined
								and	23	24	1	1.0	1.0	Mined
								and	26	27	1	1.2	1.2	Mined
								amd	30	31	1	1.4	1.4	Mined
								and	39	45	6	1.0	6.2	Unmined
								including	39	41	2	2.6	5.1	Unmined
								and	63	64	1	1.0	1.0	Unmined
								and	69	74	5	1.0	5.1	Unmined
								including	72	73	1	2.2	2.2	Unmined
								and	81	82	1	1.3	1.3	Unmined
MSGC514	RC	729,601	6,897,732	540	-90	0	68	Bull Oak	8	9	1	1.2	1.2	Unmined
								and	40	56	16	2.5	40.0	Unmined
								including	40	41	1	26.0	26.0	Unmined
								and including	53	54	1	2.9	2.9	Unmined
								and	57	58	1	1.0	1.0	Unmined
MSGC515	RC	729,561	6,897,732	541	-90	0	51	Bull Oak	23	24	1	1.8	1.8	Unmined
								and	26	28	2	1.2	2.3	Unmined
MSGC516	RC	729,601	6,897,772	540	-90	0	75	Bull Oak	37	39	2	1.3	2.6	Unmined
								including	38	39	1	2.2	2.2	Unmined
								and	52	54	2	1.0	2.1	Unmined
								and	58	59	1	1.3	1.3	Unmined
								and	62	64	2	1.4	2.7	Unmined
								including	62	63	1	2.4	2.4	Unmined
MSGC517	RC	729,641	6,897,762	538	-90	0	59	Bull Oak	11	14	3	11.4	34.1	Mined
								including	13	14	1	25.0	25.0	Mined
								and	19	28	9	2.4	22.0	Mined
								including	25	26	1	13.2	13.2	Mined
								and	30	31	1	1.2	1.2	Mined
								and	47	48	1	1.1	1.1	Unmined
								and	57	58	1	1.5	1.5	Unmined
MSGC518	RC	729,681	6,897,772	538	-90	0	60	Bull Oak	6	18	12	2.7	32.4	Mined
								including	10	13	3	5.9	17.8	Mined
								and	27	29	2	1.3	2.6	Mined
								including	28	29	1	2.0	2.0	Mined
								and	32	36	4	1.1	4.2	Mined
								including	34	35	1	3.2	3.2	Mined
								and	48	49	1	1.3	1.3	Mined
MSGC519	RC	729,721	6,897,772	539	-90	0	55	Bull Oak	0	1	1	1.1	1.1	Mined
								and	36	37	1	1.4	1.4	Mined
								and	42	43	1	1.2	1.2	Mined
								and	50	55	5	1.9	9.6	Mined
								including	50	51	1	6.8	6.8	Mined

Table 4 (cont.): Historical drill collar information for significant assay results >1.0 g/t Au (MGA 94 zone 50) – Bull Oak.

Hole_ID	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	m_MaxDepth	Prospect	From(m)	To(m)	Interval(m)	Au_g/t	g/t*m_Au	Comments
MSGC520	RC	729,761	6,897,762	539	-90	0	52	Bull Oak	22	24	2	1.3	2.7	Mined
								including	22	23	1	2.3	2.3	Mined
								and	45	49	4	1.1	4.4	Unmined
								including	46	47	1	2.8	2.8	Unmined
MSGC521	RC	729,801	6,897,812	539	-90	0	72	Bull Oak	42	53	11	2.3	25.4	Mined
								including	42	43	1	19.5	19.5	Mined
								and including	48	50	2	1.1	2.2	Mined
								and	54	56	2	1.1	2.1	Mined
								and	59	65	6	2.4	14.4	Mined
								including	62	63	1	10.4	10.4	Mined
MSGC522	RC	729,761	6,897,812	539	-90	0	50	Bull Oak	25	28	3	1.4	4.3	Mined
								including	25	27	2	2.0	4.1	Mined
								and	29	42	13	7.7	100.4	Mined
								including	34	35	1	84.0	84.0	Mined
MSGC523	RC	729,721	6,897,802	538	-90	0	52	Bull Oak	8	9	1	1.3	1.3	Mined
								and	18	25	7	2.6	18.1	Mined
								including	22	23	1	6.7	6.7	Mined
								and	38	41	3	2.4	7.3	Mined
								including	38	39	1	5.1	5.1	Mined
								and	49	50	1	1.4	1.4	Mined
MSGC524	RC	729,681	6,897,812	538	-90	0	75	Bull Oak	0	2	2	1.3	2.6	Mined
								and	20	23	3	1.1	3.2	Mined
								including	20	21	1	2.0	2.0	Mined
								and	28	29	1	1.3	1.3	Mined
								and	34	39	5	1.0	5.1	Mined
								including	35	37	2	2.2	4.3	Mined
								and	72	75	3	1.9	5.6	Unmined
								including	73	75	2	2.5	5.0	Unmined
MSGC525	RC	729,721	6,897,852	538	-90	0	48	Bull Oak	30	39	9	1.4	12.8	Mined
								including	37	38	1	9.4	9.4	Mined
MSGC526	RC	729,761	6,897,852	538	-90	0	58	Bull Oak	10	11	1	2.9	2.9	Mined
MSGC529	RC	729,841	6,897,892	539	-90	0	46	Bull Oak	27	33	6	4.4	26.7	Unmined
								including	27	28	1	24.0	24.0	Unmined
								and	36	41	5	1.3	6.3	Unmined
								including	37	39	2	2.4	4.8	Unmined
MSGC531	RC	729,761	6,897,892	538	-90	0	85	Bull Oak	68	73	5	1.6	8.1	Unmined
								including	69	72	3	2.2	6.7	Unmined
MSGC532	RC	729,841	6,897,432	544	-90	0	48	Bull Oak	0	1	1	1.3	1.3	Unmined
								and	34	35	1	1.5	1.5	Unmined
								and	41	42	1	1.1	1.1	Unmined
MSGC581	RC	729,821	6,897,912	539	-90	0	82	Bull Oak	32	36	4	1.0	4.0	Unmined
								including	34	35	1	2.4	2.4	Unmined
								and	44	46	2	1.9	3.8	Unmined
								and	48	49	1	1.1	1.1	Unmined
MSGC582	RC	729,861	6,897,912	539	-90	0	75	Bull Oak	26	27	1	1.4	1.4	Unmined
								and	42	44	2	1.2	2.3	Unmined
								including	42	43	1	2.0	2.0	Unmined
								and	51	52	1	1.1	1.1	Unmined
MSGC583	RC	729,841	6,897,932	539	-60	226	76	Bull Oak	23	24	1	1.8	1.8	Unmined
								and	29	30	1	1.1	1.1	Unmined
								and	36	41	5	1.9	9.4	Unmined
								including	37	41	4	2.3	9.2	Unmined
								and	51	55	4	1.1	4.6	Unmined
								including	53	54	1	3.0	3.0	Unmined
								and	60	62	2	4.9	9.8	Unmined
								including	61	62	1	9.6	9.6	Unmined
								and	70	71	1	1.0	1.0	Unmined
MSGC584	RC	729,821	6,897,932	539	-60	227	69	Bull Oak	26	27	1	1.3	1.3	Unmined
								and	34	43	9	1.6	14.7	Unmined
								including	34	36	2	5.4	10.9	Unmined
MSGC585	RC	729,701	6,897,792	538	-90	0	58	Bull Oak	6	8	2	1.1	2.1	Mined
								and	20	28	8	2.2	17.3	Mined
								including	24	25	1	11.0	11.0	Mined
								and	38	51	13	1.5	19.6	Mined
								including	40	41	1	10.4	10.4	Mined
MSGC655	RC	729,561	6,897,652	541	-90	0	61	Bull Oak	21	24	3	1.3	3.8	Unmined
								and	35	50	15	1.0	15.6	Unmined
								including	38	41	3	2.2	6.5	Unmined
MSGC656	RC	729,581	6,897,692	541	-90	0	55	Bull Oak	0	1	1	1.2	1.2	Mined
								and	38	43	5	1.2	5.9	Unmined
								including	39	41	2	2.3	4.7	Unmined
MSGC657	RC	729,661	6,897,752	538	-90	0	85	Bull Oak	13	18	5	1.5	7.5	Mined
								including	13	16	3	2.1	6.3	Mined
								and	27	28	1	3.2	3.2	Mined
MSGC668	RC	729,301	6,896,952	529	-90	0	27	Bull Oak	20	21	1	1.0	1.0	Unmined
MSGC670	RC	729,011	6,897,327	540	-57	360	21	Bull Oak	0	6	6	1.0	6.1	Mined
								including	0	2	2	2.2	4.4	Mined
MSGC682	RC	729,661	6,897,712	538	-90	0	67	Bull Oak	11	18	7	1.1	8.0	Mined
								and	22	32	10	2.3	22.6	Mined
								including	24	25	1	13.3	13.3	Mined
								and	46	48	2	1.1	2.2	Unmined
								and	50	52	2	1.8	3.6	Unmined
								including	50	51	1	3.4	3.4	Unmined
								and	54	56	2	1.3	2.7	Unmined
								including	54	55	1	2.4	2.4	Unmined

Table 4 (cont.): Historical drill collar information for significant assay results >1.0 g/t Au (MGA 94 zone 50) – Bull Oak.

Hole_ID	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	m_MaxDepth	Prospect	From(m)	To(m)	Interval(m)	Au_g/t	g/t*m_Au	Comments
MSGC683	RC	729,621	6,897,712	539	-90	0	74	Bull Oak	41	44	3	1.6	4.7	Unmined
								and	48	51	3	3.0	9.0	Unmined
								including	48	49	1	7.4	7.4	Unmined
								and	56	62	6	1.0	6.1	Unmined
MSGC684	RC	729,621	6,897,672	539	-90	0	55	Bull Oak	30	33	3	1.0	3.0	Unmined
MSGC685	RC	729,561	6,897,692	541	-90	0	53	Bull Oak	12	14	2	3.2	6.5	Unmined
								including	12	13	1	6.1	6.1	Unmined
								and	23	24	1	1.1	1.1	Unmined
MSGC686	RC	729,541	6,897,672	541	-90	0	62	Bull Oak	22	28	6	1.3	7.8	Unmined
								including	24	25	1	5.9	5.9	Unmined
								and	53	56	3	1.3	3.9	Unmined
MSGC687	RC	729,581	6,897,712	540	-90	0	55	Bull Oak	19	21	2	2.9	5.7	Unmined
								including	19	20	1	5.5	5.5	Unmined
								and	34	37	3	1.0	3.1	Unmined
MSGC689	RC	729,541	6,897,712	541	-90	0	45	Bull Oak	7	14	7	3.2	22.4	Unmined
								including	7	8	1	6.0	6.0	Unmined
								and including	10	13	3	5.1	15.4	Unmined
								and	22	24	2	1.1	2.1	Unmined
MSGC690	RC	729,621	6,897,752	539	-90	0	64	Bull Oak	13	16	3	1.7	5.2	Mined
								including	13	15	2	2.4	4.7	Mined
								and	31	32	1	1.5	1.5	Unmined
MSGC691	RC	729,561	6,897,772	540	-90	0	51	Bull Oak	34	35	1	2.0	2.0	Unmined
								and	45	47	2	4.9	9.8	Unmined
								including	45	46	1	9.6	9.6	Unmined
MSGC692	RC	729,621	6,897,792	539	-90	0	60	Bull Oak	26	28	2	1.2	2.3	Unmined
								and	32	37	5	1.8	9.2	Unmined
								including	33	35	2	2.4	4.8	Unmined
								and	50	51	1	2.4	2.4	Unmined
								and	54	55	1	1.4	1.4	Unmined
								and	58	59	1	1.2	1.2	Unmined
MSGC693	RC	729,641	6,897,812	538	-90	0	75	Bull Oak	20	23	3	3.5	10.4	Mined
								including	20	21	1	7.5	7.5	Mined
MSGC694	RC	729,661	6,897,792	538	-90	0	52	Bull Oak	8	11	3	1.7	5.1	Mined
								including	8	10	2	2.3	4.5	Mined
								and	17	22	5	1.0	5.1	Mined
								and	41	42	1	1.5	1.5	Mined
MSGC695	RC	729,701	6,897,752	538	-90	0	58	Bull Oak	10	11	1	1.0	1.0	Mined
MSGC696	RC	729,781	6,897,792	539	-90	0	60	Bull Oak	17	31	14	3.3	46.9	Mined
								including	17	20	3	11.5	34.6	Mined
								and	43	49	6	1.8	10.7	Mined
								including	46	47	1	8.1	8.1	Mined
								and	53	60	7	1.1	7.7	Mined
								including	53	54	1	2.8	2.8	Mined
								and including	57	58	1	3.4	3.4	Mined
MSGC697	RC	729,781	6,897,832	539	-90	0	67	Bull Oak	19	20	1	1.2	1.2	Mined
								and	48	55	7	9.5	66.7	Mined
								including	51	52	1	58.0	58.0	Mined
MSGC698	RC	729,741	6,897,832	538	-90	0	60	Bull Oak	24	35	11	1.6	17.6	Mined
								including	26	27	1	10.1	10.1	Mined
MSGC699	RC	729,701	6,897,832	538	-90	0	60	Bull Oak	1	2	1	1.4	1.4	Mined
								and	11	14	3	1.7	5.2	Mined
								including	11	13	2	2.5	4.9	Mined
								and	37	38	1	1.1	1.1	Mined
								and	49	50	1	1.1	1.1	Mined
								and	54	55	1	1.5	1.5	Mined
MSGC700	RC	729,701	6,897,872	537	-90	0	60	Bull Oak	33	35	2	1.1	2.1	Unmined
MSGC701	RC	729,741	6,897,872	538	-90	0	60	Bull Oak	20	22	2	1.0	2.1	Mined
								and	28	29	1	1.4	1.4	Mined
								and	50	51	1	2.5	2.5	Mined
MSGC702	RC	729,821	6,897,832	540	-90	0	67	Bull Oak	25	26	1	1.3	1.3	Mined
								and	28	33	5	1.1	5.6	Mined
								and	31	32	1	3.3	3.3	Mined
MSGC703	RC	729,741	6,897,782	539	-90	0	61	Bull Oak	11	17	6	1.0	6.3	Mined
								and	32	36	4	1.1	4.4	Mined
								including	32	33	1	2.3	2.3	Mined
								and	41	42	1	1.2	1.2	Mined
								and	52	53	1	1.3	1.3	Unmined
MSGC704	RC	729,581	6,897,752	540	-90	0	58	Bull Oak	29	30	1	1.6	1.6	Unmined
								and	41	46	5	1.3	6.7	Unmined
								including	41	44	3	2.1	6.2	Unmined
MSGC705	RC	729,671	6,897,762	538	-90	0	57	Bull Oak	37	38	1	1.2	1.2	Mined
								and	42	57	15	3.3	50.1	Unmined
								including	54	55	1	17.3	17.3	Unmined
MSGC712	RC	729,801	6,897,772	540	-90	0	60	Bull Oak	23	29	6	1.0	6.2	Mined
								including	25	27	2	2.1	4.2	Mined
MSGC713	RC	729,821	6,897,792	540	-90	0	64	Bull Oak	13	22	9	1.1	9.5	Mined
								including	14	17	3	2.1	6.4	Mined
								and	38	39	1	1.4	1.4	Mined
								and	42	64	22	2.5	55.2	Mined
								including	46	47	1	6.4	6.4	Mined
								and including	47	48	1	16.8	16.8	Mined
								and including	60	61	1	6.8	6.8	Mined
MSGC714	RC	729,841	6,897,812	540	-90	0	72	Bull Oak	15	17	2	1.0	2.0	Mined
								and	44	48	4	1.1	4.2	Mined
								including	45	46	1	2.2	2.2	Mined
MSGC715	RC	729,861	6,897,832	540	-90	0	68	Bull Oak	14	19	5	10.6	52.8	Mined
								including	14	16	2	25.1	50.1	Mined
								and	31	32	1	1.4	1.4	Unmined
								and	43	45	2	1.1	2.2	Unmined

Table 4 (cont.): Historical drill collar information for significant assay results >1.0 g/t Au (MGA 94 zone 50) – Bull Oak.

Hole_ID	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	m_MaxDepth	Prospect	From(m)	To(m)	Interval(m)	Au_g/t	g/t*m_Au	Comments
MSGC716	RC	729,861	6,897,872	540	-90	0	66	Bull Oak	43	45	2	1.2	2.3	Unmined
								and	48	49	1	2.4	2.4	Unmined
MSGC821	RC	729,821	6,897,872	539	-90	0	69	Bull Oak	44	45	1	1.2	1.2	Unmined
MSGC822	RC	729,881	6,897,852	540	-90	0	72	Bull Oak	19	20	1	1.9	1.9	Unmined
								and	38	39	1	1.4	1.4	Unmined
MSGC823	RC	729,881	6,897,812	541	-90	0	71	Bull Oak	56	58	2	1.1	2.2	Unmined
MSGC824	RC	729,841	6,897,772	540	-90	0	70	Bull Oak	1	6	5	6.2	30.9	Mined
								including	2	4	2	10.6	21.1	Mined
								and	59	70	11	2.1	23.1	Unmined
								including	59	60	1	12.5	12.5	Unmined
								and including	65	66	1	1.3	1.3	Unmined
MSGC858	RC	729,681	6,897,852	537	-90	0	64	Bull Oak	8	11	3	1.7	5.0	Mined
								including	8	10	2	2.4	4.8	Mined
MSGC859	RC	729,661	6,897,832	538	-90	0	57	Bull Oak	24	25	1	1.0	1.0	Mined
								and	32	33	1	1.1	1.1	Mined
MSGC860	RC	729,621	6,897,832	539	-90	0	47	Bull Oak	25	31	6	1.9	11.5	Unmined
								including	25	27	2	5.1	10.2	Unmined
								and	41	43	2	2.1	4.2	Unmined
MSGC861	RC	729,701	6,897,712	539	-90	0	47	Bull Oak	16	18	2	1.0	2.0	Mined
								and	20	22	2	1.0	2.0	Mined
MSGC866	RC	729,336	6,896,652	523	-90	0	33	Bull Oak	31	32	1	5.2	5.2	Unmined
MSGC983	RC	729,461	6,898,112	538	-61	0	92	Bull Oak	25	35	10	1.4	14.3	Unmined
								including	31	32	1	5.0	5.0	Unmined
MSGD010	DD	729,711	6,897,802	538	-90	0	251.4	Bull Oak	11	12	1	1.1	1.1	Mined
								and	17	23	6	2.3	13.9	Mined
								including	20	22	2	5.4	10.8	Mined
								and	28	29	1	1.1	1.1	Mined
								and	35	36	1	1.4	1.4	Mined
								and	48.6	53	4.4	2.4	10.4	Mined
								including	48.6	49	0.4	5.3	2.1	Mined
								and	52	53	1	7.0	7.0	Mined
								and	136.5	136.7	0.2	34.0	6.8	Unmined
								and	143	144	1	1.6	1.6	Unmined
								and	201	202	1	5.2	5.2	Unmined
								including	201	201.2	0.2	24.0	4.8	Unmined
								and	220	222	2	1.5	2.9	Unmined
								including	221.35	222	0.65	4.1	2.6	Unmined
								and including	221.35	221.75	0.4	6.3	2.5	Unmined
MSGD1238	DD	729,701	6,897,792	538	-90	0	50.5	Bull Oak	10	14	4	1.1	4.5	Mined
								including	12	13	1	2.7	2.7	Mined
								and	23	24	1	3.2	3.2	Mined
								and	37	49	12	2.2	26.9	Mined
								including	42	43	1	11.0	11.0	Mined
MSGD1239	DD	729,781	6,897,672	540	-90	0	5.4	Bull Oak	3	5.4	2.4	1.1	2.6	Mined
MSGD1240	DD	729,641	6,897,762	538	-90	0	32	Bull Oak	11	14	3	1.2	3.5	Mined
								including	13	14	1	2.2	2.2	Mined
								and	19	20	1	1.4	1.4	Mined
MSGI1037A	RC	729,041	6,897,492	540	-90	0	8	Bull Oak	0	2	2	1.2	2.3	Mined
MSGI1038A	RC	729,041	6,897,452	541	-90	0	10	Bull Oak	0	6	6	1.9	11.1	Mined
								including	1	2	1	5.5	5.5	Mined
MSGI1039A	RC	729,041	6,897,412	543	-90	0	10	Bull Oak	0	6	6	1.2	6.9	Mined
								including	0	1	1	2.7	2.7	Mined
MSGI1073	RC	729,041	6,897,332	542	-90	0	10	Bull Oak	0	2	2	1.1	2.1	Mined
MSGI1076	RC	729,001	6,897,372	541	-90	0	10	Bull Oak	0	1	1	1.2	1.2	Mined
MSGI1078	RC	728,961	6,897,412	539	-90	0	10	Bull Oak	0	1	1	1.3	1.3	Mined
MSGI1079	RC	729,081	6,897,452	543	-90	0	10	Bull Oak	1	2	1	1.4	1.4	Mined
MSGI1090	RC	729,001	6,897,612	533	-90	0	10	Bull Oak	0	1	1	1.0	1.0	Mined
								including	0	2	2	1.2	2.4	Mined
								and	19	29	10	3.4	34.0	Unmined
								including	20	21	1	15.4	15.4	Unmined
MSGI1111	RC	728,961	6,897,452	539	-90	0	90	Bull Oak	0	3	3	1.0	3.1	Mined
								and	44	45	1	3.7	3.7	Unmined
MSGI1167	RC	729,041	6,897,353	543	-90	0	10	Bull Oak	0	2	2	1.1	2.2	Mined
MSGI1170	RC	729,021	6,897,372	542	-90	0	10	Bull Oak	0	2	2	1.1	2.3	Mined
MSGI1171	RC	729,041	6,897,392	544	-90	0	5	Bull Oak	0	5	5	1.3	6.7	Mined
								including	0	1	1	2.6	2.6	Mined
MSGI1172	RC	729,061	6,897,412	544	-90	0	10	Bull Oak	0	5	5	1.1	5.6	Mined
								including	0	1	1	2.2	2.2	Mined
MSGI1173	RC	729,021	6,897,412	542	-90	0	10	Bull Oak	0	8	8	1.4	11.1	Mined
								including	0	1	1	5.2	5.2	Mined
MSGI1174	RC	728,981	6,897,412	540	-90	0	10	Bull Oak	0	5	5	1.1	5.5	Mined
								including	0	1	1	2.1	2.1	Mined
MSGI1176	RC	728,941	6,897,452	538	-90	0	10	Bull Oak	0	1	1	1.0	1.0	Mined
MSGI1178	RC	729,021	6,897,452	541	-90	0	10	Bull Oak	0	2	2	1.3	2.5	Mined
MSGI1179	RC	729,061	6,897,452	541	-90	0	10	Bull Oak	0	4	4	1.0	4.2	Mined
MSGI1182	RC	729,021	6,897,492	539	-90	0	10	Bull Oak	0	3	3	1.8	5.5	Mined
								including	0	2	2	2.5	5.0	Mined
MSGI1188	RC	729,041	6,897,472	539	-90	0	10	Bull Oak	0	7	7	1.5	10.5	Mined
								including	0	4	4	2.1	8.5	Mined
MSGI1189	RC	729,041	6,897,432	542	-90	0	10	Bull Oak	0	5	5	1.2	6.1	Mined
								including	0	2	2	2.3	4.5	Mined

Table 4 (cont.) Historical drill collar information for significant assay results >1.0 g/t Au (MGA 94 zone 50) – Bull Oak.

Hole_ID	Hole_Type	m_East	m_North	m_RL	Dip	Azimith	m_MaxDepth	Prospect	From(m)	To(m)	Interval(m)	Au_g/t	g/t*m_Au	Comments
TRCD706	DD	729,836	6,897,905	534	-90	0	299.8	Bull Oak	45	50	5	2.4	12.0	Unmined
								including	48	49	1	5.5	5.5	Unmined
								and	97	99	2	1.1	2.2	Unmined
								and	143	299.8	157	0.5	78.5	Unmined
								including	143	144	1	3.2	3.2	Unmined
								and including	167	170	3	1.8	5.4	Unmined
								and including	167	168	1	2.8	2.8	Unmined
								and including	173	177	4	1.1	4.3	Unmined
								and including	173	174	1	3.6	3.6	Unmined
								and including	193	201	8	1.1	8.9	Unmined
								and including	194	196	2	1.1	2.3	Unmined
								and including	197	198	1	4.2	4.2	Unmined
								and including	203	204	1	4.9	4.9	Unmined
								and including	224.4	226	1.6	1.4	2.2	Unmined
								and including	239	240	1	1.4	1.4	Unmined
								and including	247	248.8	1.8	1.2	2.2	Unmined
								and including	275.9	278.3	2.4	1.3	3.2	Unmined
								and including	275.9	276.7	0.8	3.4	2.7	Unmined
								and including	294	299.8	5.8	4.0	23.0	Unmined
								and including	297	298	1	18.7	18.7	Unmined

Note: 0.2g/t Au cut off, may include up to 4m <0.2g/t Au as internal dilution. TRCD706 may include up to 10m internal waste.

JORC Code, 2012 Edition Table 1 – Section 1 Sampling Techniques and Data

Criteria	Commentary
Sampling techniques	Western Mining Corporation (1983-1993) and Elmina NL (1993-1996) • Reverse Circulation (RC) drilling was used to collect samples over 1m intervals via a cyclone and riffle splitter unless the sample was too damp or puggy in which case the sample was grabbed from throughout the bag. • From the bulk 1m RC samples, a sample was collected then submitted to the laboratory for analysis. • WMC drill assays were assayed at a WMC laboratory using their own aqua regia style of analysis. • WMC diamond drilling (HQ & NQ) was also used to obtain samples. • Elmina reportedly submitted RC 1m drill samples for fire assay at Analabs or Ultratrace in Perth. Herald Resources Limited (1996-1999) • Rotary air blast (RAB) drilling was used to obtain 4m composites using a scoop off each 1m sample heap, with the majority of significant intersections >0.2ppm Au re-sampled at 1m intervals and sent to Analabs Perth for aqua regia AAS gold determination. • Drill assays from RAB drill samples were not used in the mineral resource estimate but were used to assist with interpretation. Troy Resources NL (1999-2009) • RC drilling was used to obtain samples which were passed directly from the in-line cyclone through a rig mounted multi-tier riffle splitter. Samples were collected in 1 m intervals into bulk plastic bags and 1m 3kg calico bags (which were retained for later use). • RAB drilling was used to obtain samples, which were collected in 1 m intervals and laid on the ground. • Diamond drilling was used to obtain samples. An RC pre-collar was drilled with a diamond tail and half-core submitted as samples. • From the bulk samples (RAB or RC), a 5m composite sample was collected using a split PVC scoop and then submitted to the laboratory for analysis. • The composite samples were then sent to the laboratory for analysis. Any composite sample that assayed >0.1 g/t Au was revisited and the 1m samples re-submitted for gold assay. • Troy RAB samples were assayed at Analabs Perth by 50 gm aqua regia digest followed by DIBK extraction Flame Atomic Absorption Spectrometry. The technique had a lower detection limit of 0.01 ppm Au. • Troy RC and diamond core samples were analysed at Genalysis Laboratory in Perth for gold by fire assay on a 50g sample (method FAA505). • Drill assays from RAB drill samples were not used in the mineral resource estimate. Alto Metals Limited (2021) • Samples were collected by RC drilling. • For RC drilling and sampling, the rig-mounted in-line cyclone and cone splitter was used to produce a bulk sample and an approximately 3 kg sample for each 1 m interval. • From the bulk 1m sample a 4 m composite sample was collected using a split PVC scoop and then submitted Intertek Genalysis ("Intertek") in Maddington for fire assay. 1 m splits were submitted if the composite sample assay values are equal to or greater than 0.2 g/t Au.
Drilling techniques	Alto Metals • RC drilling program used a KWL 350 drill rig with an onboard 1100cfm/350psi compressor and a truck mounted 1000cfm auxiliary and 1000psi booster. • The face sampling hammer had a nominal 140 mm hole. Previous companies • RC drilling used various drilling companies and drill rigs of similar capacity to the drill rig used by Alto Metals. • WMC RC drilling was by roller bit or hammer using a cross over sub. • For Troy diamond drilling, triple tube coring was used due to the friable nature of the oxide zone lithologies being drilled. The angled core holes were orientated where possible using a crayon marker spear tool and the holes were regularly surveyed using an Eastman downhole camera.

Criteria	Commentary
Drill sample recovery	• WMC and Elmina noted on the logging sheets where samples were wet. Comments on recovery were also noted on the logging sheets where relevant. There is no other information on sample recovery. • The WMC diamond drillhole MSGD010 (251.4m depth) was reported as being close to 100% recovery. • Alto has no quantitative information on Troy or Herald RAB and RC sample recovery. There were no reported sample recovery issues. • Alto reviewed the WMC and Elmina logging sheets to determine if a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. The review concluded that there were no issues. • Alto RC drillhole SRC360 reported no issues with recovery. • The cyclone was routinely cleaned at the end of each rod. • No relationship between recovery and grade has been identified.
Logging	• WMC and Elmina drill logging was reported on log sheets with laboratory assay data typically for each metre. • The logging was commentary based with no specific geological codes used for events such as top of fresh rock, base of oxidation etc. However, the logging and descriptions are of sufficient quality that the lithologies drilled can be correlated with later logging carried out by Herald and Troy, who used detailed logging codes. • Detailed logging codes were used for the Troy diamond drillhole. • There are no photographic records however the two deep diamond drillholes are stored at the DMIRS core yard. • Alto RC drill chips were sieved from each 1 m sample and geologically logged. • Washed drill chips from each 1 m sample were stored in chip trays. • Geological logging of drillhole intervals was carried out with sufficient detail to meet the requirements of resource estimation.
Subsampling techniques and sample preparation	<u>WMC and Elmina</u> • 1 m samples were collected via a cyclone and riffle splitter unless the sample was too damp or puggy in which case the sample was grabbed from throughout the bag. • No composite sampling was undertaken. • WMC drill assays were assayed at a WMC laboratory using their own aqua regia style of analysis. • WMC diamond drill core was sampled over mineralized intervals. • Elmina reportedly submitted drill samples for fire assay at Analabs or Ultratrace in Perth. <u>Herald</u> • For samples obtained from RAB drilling, 4 m composites were collected using a scoop off each 1m sample heap, with the majority of significant intersections >0.2ppm Au re-sampled at 1 m intervals and sent to Analabs Perth for aqua regia AAS gold determination. <u>Troy</u> • RC drilling was used to obtain samples which were passed directly from the in-line cyclone through a rig mounted multi-tier riffle splitter. Samples were collected in 1 m intervals into bulk plastic bags and 1 m 3kg calico bags (which were retained for later use). • RAB drilling was used to obtain samples, which were collected in 1m intervals and laid on the ground. • AC drilling was used to obtain samples via a cyclone every for each 1 m interval, which was laid on the ground. • From the bulk samples (RAB, AC or RC), a 5 m composite sample was collected using a split PVC scoop and then submitted to the laboratory for analysis. • The composite samples were then sent to the laboratory for analysis. Any composite sample that assayed >0.1 g/t Au was revisited and the 1m samples re-submitted for gold assay. • Troy RAB samples were assayed at Analabs Perth by 50gm aqua regia digest followed by DIBK extraction Flame Atomic Absorption Spectrometry. The technique had a lower detection limit of 0.01 ppm Au. • Troy RC and diamond core samples were analysed at Genalysis Laboratory in Perth for gold by fire assay on a 50g sample (method FAA505). <u>Alto</u> • Alto's 4 m and 1 m RC samples were transported to Intertek, located in Perth, Western Australia, who were responsible for sample preparation and assaying for all RC drillhole samples and associated check assays. • Intertek are NATA certified for all related inspection, verification, testing and certification activities.

Criteria	Commentary
	• Intervals of 4 m composite samples reporting greater than 0.2 g/t Au (with constrain intervals) were selected for re-assay, and 1 m re-split samples were submitted for 50g fire assay. • Samples are dried, pulverised to 90% passing -75um. • RC samples were analysed using 50g fire assay with AAS finish. • Field duplicates comprised an approximately 3kg sample and were collected either by spear for submission of 4 m composite samples. • The rig mounted cone splitter was routinely cleaned at the end of each rod. • Sample sizes are considered to be appropriate for the style of mineralisation.
Quality of assay data and laboratory tests	• The Fire Assay method is considered to be a total extraction technique. There are no deleterious elements present which could affect the technique. • The Aqua Regia technique is considered to be a partial extraction technique where gold encapsulated in refractory sulphides or some silicate minerals may not be fully dissolved, resulting in partial reporting of gold content. • The Photon Assay technique is a fast and chemical free alternative to the traditional fire assay or Aqua Regia process and utilizes high energy x-rays. The process is non-destructive on samples and utilises a significantly larger sample than the conventional 50 g fire assay (FA50AAS) or 10 g Aqua Regia (AR10MS). • There is no information available to Alto to indicate that the gold at the Bull Oak deposit is refractory gold. <u>Troy</u> • For Troy RC drilling, an average of 1 field duplicate, 1 blank and 1 standard was submitted for every 50 samples. • For Troy RAB and AC drilling, field duplicates and standards were used at 1:50 however no blank samples were routinely used in RAB or AC drilling. • Troy engaged Maxwell to undertake periodic audit of the exploration QAQC data on a monthly basis. • Troy's reported QA/QC methodology and data from other prospect areas in the Sandstone area at the time Troy was exploring at Bull Oak, were reviewed in the absence of field QA/QC data specific to the Bull Oak deposit. • Laboratory Repeat assays were reported for Troy drill assays. <u>WMC, Elmina and Herald</u> • There is no available information on the protocols used by Elmina or Herald. • There is no available documentation for the WMC procedures of QAQC protocols however it is known that the laboratory included one repeat analysis, one standard and one blank in each tray of 50 samples. • Laboratory Repeat assays were reported for WMC and Elmina drill assays and reviewed by Alto. • Where Elmina and WMC drillholes were identified within proximity, the drilling assay data showed an acceptable correlation. • There were no anomalous assays reported that could not be explained. <u>Alto</u> • RC samples were submitted to the laboratory with field duplicates, certified standards and field blank samples inserted at a ratio of 1:20. • Laboratory Certified Reference Materials and/or in-house controls, blanks, splits and replicates are analysed with each batch of samples by the laboratory. These quality control results are reported along with the sample values in the final report. Selected samples are also re-analysed to confirm anomalous results. • Laboratory and field QA/QC results were reviewed by Alto personnel.
Verification of sampling and assaying	• Drilling carried out by WMC, Elmina, Herald and Troy Resources NL was compiled by Alto from WA Dept Mines Open File records (WAMEX). • Data was transferred from WAMEX digital files to Alto's database. The original WAMEX files were generally in excel or text format and were readily imported into Alto's database. For some of the earlier reports (ie

Criteria	Commentary
	WMC and Elmina) the data was manually entered into Excel. • All collar, survey and assay data was checked by printing all original data records and checking against the Alto database. • The data was also checked using various methods in ArcGIS and Micromine. Google Earth and aerial drone imagery was also used to check collar positions where historical evidence was visible in satellite imagery. • Values below the analytical detection limit were replaced with half the detection limit value or assigned a value of -0.005 ppm Au in the database. • Troy engaged Maxwell to undertake independent periodic audit of their exploration QAQC data on a monthly basis. • Significant intersections and stopes reported within previous drillholes were checked for potential smearing and found to be acceptable. <u>Alto Metals</u> • All significant intersections are reviewed by alternative company personnel. • Field data is recorded on logging sheets and entered into excel prior to uploading to and verification in Datashed. • Laboratory data is received electronically and uploaded to and verified in Datashed and Micromine. <u>Twinned Holes</u> • WMC completed several diamond twin holes adjacent to RC drillholes which had a substantial gold intersection. The assays for the diamond holes were of samples obtained by shaving material from the soft weathered granite and chipping bits off the harder quartz veins. The differences in assays grades is considered due to the poor sampling methodology and as such the data is not considered reliable. • WMC drilling was carried out at 20 m x 40 m spacing. Elmina carried out infill drilling which reduced the spacing to 14m. The WMC and Elmina drilling shows acceptable correlations. • The geological logging and the mineralised intervals and in particular the high-grade intersections showed an acceptable correlation.
Location of data points	• The grid used for the project area is GDA94, Map Grid of Australia 94, Zone 50. • WMC and Elmina drillholes were reported using an AMG grid established by contract surveyors. • Herald reported that all previously reported drilling (WMC and Elmina) was checked on the ground. • Troy drilling was located with DGPS. • Alto registered and cross-checked historical mine plans, drill location plans, satellite and aerial drone imagery to verify the location of all drill collars. • No issues were identified. • Most of the drilling is vertical with no down-hole surveys carried out. • The average depth of the WMC inclined RC drillholes is ~70m. No down hole survey data was reported however it is considered unlikely that any actual variation from the reported dip over the short drillhole length would be materially significant. • Down hole survey data for WMC diamond drillhole MSGD10 was reported as -89^0 at 126 m and 250 m depth. • Down hole surveys for the Troy diamond drillhole TRCD706 were carried out by a contract surveyor and are considered reliable. • Alto drillhole was located using a handheld GPS unit, accurate to +/-5 m (northing and easting). • Subsequently RM Surveys (licensed surveyor) carry out collar surveys with RTK GPS with accuracy of +/- 0.05 m to accurately record the easting, northing and RL prior to drillholes being used for resource estimation. • All drillholes were surveyed down hole using a north seeking Gyro at 30 m intervals.
Data spacing and distribution	• At the Bull Oak deposit, drilling by WMC and Elmina was carried out on 20 m spaced cross-sections with most holes being drilled vertically at spacings of either 20 m or 40 m. Infill drilling by Elmina reduced the spacing to 14 m. Not all Elmina drilling has been captured by Alto. • Maximum down hole drill depth was 299.8 m (TRCD706) with an average drill depth of 46 m. • The maximum drill depth below surface was WMC diamond drillhole MSGD10 (~250 m).

Criteria	Commentary
Orientation of data in relation to geological structure	• Geological structures have been interpreted from drilling and surface and 1:500 scale pit geological mapping. • The Bull Oak granite is a porphyritic intrusion with a strike length of approximately 500 m and a width of up to 150 m. The intrusion has a depth of at least 250 m and has relatively steep dipping boundaries. The intrusion trends north-east cutting across mafic rocks between the BIF units. • Mineralisation at the Bull Oak deposit is associated with north-west trending quartz reefs, which dip approximately 30 degrees to the north-east. • The Bull Oak granite is itself cut by three main gold reefs (Bull Oak, Faugh-A-Ballagh, and Kohinoor North) with a fourth reef (Monarch) between the Faugh-A-Ballagh and Kohinoor North and two additional reefs overlying the main Bull Oak reef. • Drill orientation was typically vertical or -60 degrees to the south-west. • Sample bias is not considered to be an issue due to the well-defined geological structures and appropriate orientation of drilling. • Drilling at the Hill View was either vertical or oriented at -60 degrees to the north-west, perpendicular to the interpreted strike of the host banded-iron-formation which is interpreted to control the gold mienralisation. • At Worker Granite, drilling was mostly vertical to intersect the interpreted shallow dipping mineralisation similar to Bull Oak.
Sample security	• No sample security details are available for WMC, Elmina or Herald drill samples. • Troy reported that their drill samples were collected in a labelled and tied calico bag. Up to six calico bags are then placed in a larger polyweave bag that is labelled with the laboratory address and sender details and tied with wire. The polyweave bags were picked up by a courier firm who counted the number of polyweave bags before taking them to the Mt Magnet depot. The samples were picked up by the courier's road train and transported to Perth. Upon receipt of the samples the laboratory checked the sample IDs and total number of samples and notified Troy of any differences from the sample submission form. • For Alto drilling, RC drill samples comprised approximately 3 kg of material within a labelled and tied calico bag. • Individual sample bags were placed in a larger labelled poly-weave bag then into a bulka bag that was labelled, tied and dispatched to the laboratory via freight contractors or company personnel. • Sampling data was recorded on field sheets and entered into a database then sent to the head office. • Laboratory submission sheets are also completed and sent to the laboratory prior to sample receival.
Audits and reviews	• Alto has reviewed and compiled the technical data for Bull Oak internally. No independent audit had been previously carried out. • Troy engaged Maxwell to undertake periodic independent audit of Troy's exploration QAQC data on a monthly basis. • Troy engaged Snowden to prepare a NI43-101 Report, which included a discussion on Bull Oak in 2007. • Mineral Resource Estimates have previously been carried out at Bull Oak by WMC, Elmina, Herald and Troy.

JORC (2012) Table 1 – Section 2 Reporting of Exploration Results

Criteria	Commentary

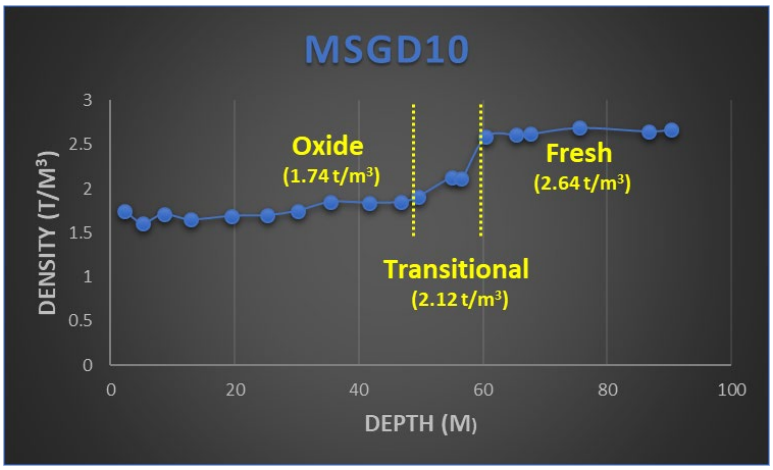
Mineral tenement and land tenure	• Alto's Sandstone Project is located in the East Murchison region of Western Australia and overlies the Sandstone Greenstone Belt with approximately 730 km^2 of granted tenements including prospecting, exploration and mining licences all 100% owned by Sandstone Exploration Pty Ltd, which is a 100% subsidiary of Alto Metals.
	• Bull Oak is located on Prospecting Licence 57/1378, granted on 11 July 2016 to Sandstone Exploration Pty Ltd, a wholly owned subsidiary of ASX listed Alto Metals Limited (AME).
	• The following royalties apply:
	  ◦ 2% of the Gross Revenue is payable to a third party
	  ◦ 2.5% payable to the State Government
	• The Bull Oak deposit has been previously mined by open pit methods in 1997.
	• Hill View and Worker Granite mineralisation is located on E57/1030, granted on 20 September 2016.

Criteria	Commentary
	• There are no current known impediments to obtaining a licence to operate in the area.

Exploration done by other parties	• The Bull Oak deposit is located within the Hancocks Mining Centre, which produced a total of 39,936oz of gold at an average grade of 38g/t Au between 1904 and 1943.
	• Previously reported estimates of historical production from reefs associated with the Bull Oak granite (Bull Oak, Faugh-a-Ballagh, Kohinoor North) between 1907 and 1917 are;
	  • 10,617oz at a grade of 27g/t Au; and
	  • 9,710oz at a grade of 26g/t Au.
	• Modern exploration by WMC, Elmina and Herald between 1983 and 1999 included geological mapping, deflation lag sampling, drilling, resource estimation and open pit mining.
	• Herald commenced open pit mining at Bull Oak in April 1997 and ceased mining in September 1997. Herald reportedly produced 161,431 tonnes at 1.87 g/t Au for 9,701oz of gold.
	• Troy carried out pit mapping, RAB and diamond drilling between 1999 and 2009.

Geology	• The area is generally covered by 0.5 m to 2 m of lateritic soil. The dominant lithology is metabasalt with minor metadolerite, divided by numerous sedimentary marker beds (banded iron formation or BIF). The BIF units strike east-west and have near vertical dips. • The Bull Oak granite is a porphyritic intrusion with a strike length of approximately 500 m and a width of up to 150 m. The intrusion has a depth of at least 250 m and has relatively steep dipping boundaries. The intrusion trends north-east cutting across mafic rocks between the BIF units. The granite does not outcrop and is intensely kaolinised to clay plus quartz to a depth of approximately 60 m below surface. The fresh granite is a medium grained, pale grey, biotite granodiorite with traces of pyrite. • Mineralisation at the Bull Oak deposit is associated with north-west trending quartz reefs, which dip approximately 30 degrees to the north-east. • The Bull Oak granite is itself cut by three main gold reefs (Bull Oak, Faugh-A-Ballagh, and Kohinoor North) with a fourth reef (Monarch) between the Faugh-A-Ballagh and Kohinoor North and two additional reefs overlying the main Bull Oak reef. • A geological log of WMC diamond drillhole MSGD010, which was sited on the footwall side of the Bull Oak Reef, identified the Faugh-A-Ballagh reef as 40 cm of ironstained quartz from ~48 m below surface. The Kohinoor North Reef was seen as a cluster of quartz veins at 127 m below surface. Another 40 cm vein was seen at 102 m below surface. • Depth of weathering is interpreted from drilling data to be approximately 60 m. The water table is reported as approximately 35 m below surface. • In general, the Bull Oak deposit has a northwest strike and dips to the northeast approximately 30 degrees. • The Worker Granite is a porphyritic intrusion approximately 1km south of Bull Oak. Drill samples show the fresh rock to be a porphyritic, biotite granodiorite. • Historical production records indicate that a quartz reef within the granite, striking 330 degrees with a 25 degree dip to the south-east, was mined to produce approximately 1,328 ounces from 1,135 tonnes. • Mineralisation at the Hill View prospect appears to be associated with a north-east trending banded-iron-formation within mafic rocks that dips steeply to the south-east. • Historical production records indicate that approximately 200 ounces was produced from approximately 400 tons.
Drillhole information	• Drillhole collar and relevant information for drill holes with significant gold mineralisation is included in a table in the main report.

Criteria	Commentary
Data aggregation methods	• Historical drill intercepts reporting over 1 g/t gold (using a 0.2 g/t gold cut-off) are included in a table. Reported mineralised intervals may contain 2 m to 4 m of internal waste (or less than 0.2 g/t Au low grade mineralisation interval). • No metal equivalent values have been reported. • The reported grades are uncut.
Relationship between mineralisation widths and intercept lengths	• Mineralisation at the Bull Oak deposit is associated with northwest trending quartz reefs, which dip approximately 30 degrees to the northeast. • Drill orientation was typically vertical or -60 degrees to the southwest. • Downhole intercepts are not reported as true widths however are considered to be close to true widths based on the drill orientation and current understanding of the mineralisation.
Diagrams	• Relevant sections and plans have been included in the main report and in previous reports which can be found on the Company website or ASX site.
Balanced reporting	• All drillhole information and significant mineralised intercepts and widths have been reported in previous reports which can be found on the Company website or ASX site.

Other substantive exploration data	<u>Bulk Density</u>
	• Bulk density determinations (physical measurements) were carried out by WMC on diamond core from drillhole MSGD10 at ~5 m intervals to 90 m depth below surface. The measured density values increased from 1.61 t/m^3 (5.2 m depth) to 2.69 t/m^3 (75.5 m depth).
	 
	
	• The following bulk densities were used by Herald Resources in a 1996 mineral resource estimate.
	  • Oxide: 1.84 t/m^3
	  • Transition: 2.25 t/m^3
	  • Fresh: 2.64 t/m^3
	<u>Metallurgy</u>
	• Herald reported that mining activities (oxide) at Bull Oak during 1997 were 161,431 tonnes at 1.87g/t Au. Recovery was reported as 95%.
	• The Bull Oak deposit is hosted predominantly within a granite intrusion, somewhat similar to the Lord Nelson and Lord Henry gold deposits.
	• Snowden were engaged by Alto in 2016 to estimate a JORC 2012 Mineral Resource for the Lord Nelson and Lord Henry gold deposits. Snowden commented that although the previous operation focused on oxide material, with a suitable process flowsheet the sulphide ore should also be economic.
	• In addition, in 2018 and 2019 Alto carried out preliminary metallurgical test work on oxide, transitional and fresh ore from the Indomitable, Vanguard, Ladybird and Havilah deposits within the Sandstone Greenstone Belt. Recovery was >90%.
	• It is reasonable to conclude there are likely to be no issues with recovery for the Bull Oak deposit in oxide, transitional or fresh material.

Criteria	Commentary
	Previous Mining Activity (underground and open pit) • Available historical underground workings were obtained from the DMIRS and digitized to produce a 3DM. The workings were imported into and reviewed in Micromine together with previous drilling logs to determine whether the current estimate should be depleted for historical activity. • It was considered that historical activity mostly occurred within the Herald open pit and therefore did not affect the current estimate. • A final plan of the Herald open pit was obtained from the DMIRS and digitized to a standard sufficient to enable the current estimate to be depleted for previous mining activity by Herald.
Further work	• Further exploration and resource drilling may be carried out.