# WILDCAT DEFINES HIGH PRIORITY GOLD TARGETS FOR UPCOMING DRILL PROGRAMME

# Highlights

- High priority gold targets defined
- Assays received from maiden soil sampling programme confirm high priority targets
- Stage 1 of earthworks completed including Pad 1 excavation
- Exploration team has mobilised to site
- 2000m+ of high impact diamond core drilling planned
- High grade gold targets and bulk tonnage gold targets to be tested

Wildcat Resources Limited (ASX: WC8) ("Wildcat" or "the Company") (formerly Fraser Range Metals Group Limited) is pleased to present an exploration update in the leadup to drilling at its 100% owned Mt Adrah Gold Project in the Lachlan Fold Belt of NSW. The soil sampling assays have been received and were compared to reprocessed IP data as well as possible structural controls including faults, shears and intrusions. The more extended parts of the gold system have not been systematically explored since the 1980's. The system shows a high metal budget with historical high-grade intersections in addition to the Hobbs Pipe which has a JORC 2012 -compliant Mineral Resource estimate of 20.5Mt @ 1.1g/t Au for 770,000 oz of contained gold<sup>1</sup>

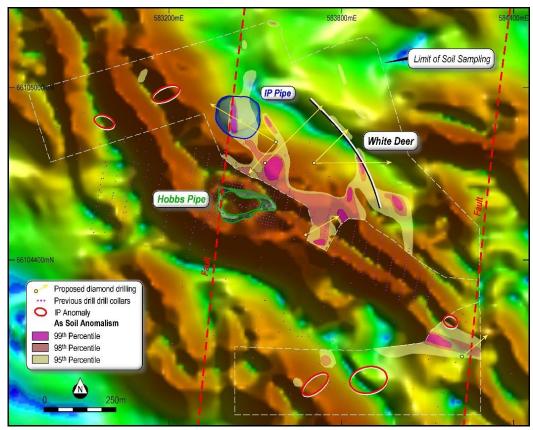


Figure 1. Arsenic-in-soil anomalism over 1VD Magnetic image. Large structures and IP anomalies are highlighted





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#### Wildcat Resources Ltd

Wildcat Resources is a company focussed on discovery with strategic land holdings in three world class provinces. The Mt Adrah gold project in the Lachlan Fold (NSW), the Pilbara Gold project and the Fraser Range project both in WA.

The company has secured a Tier One technical team to help advance these projects.

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<sup>1</sup> Fraser Range Metals to Acquire Mount Adrah Gold Project on 28/08/2019 <u>https://www.asx.com.au/asxpdf/20190823/pdf/447s52fxbdmrfc.pdf</u>



### **Upcoming Drill Programme**

The Company has designed 9 high impact diamond drill-holes that will focus on targets in close proximity to Castor Reef, White Deer Reef and Hobbs Pipe. The holes are designed to test the Castor and White Deer Reef structure between existing drill-holes GHD006, GHD009, GHD011 and surface. This represents an untested zone of 550m down dip (Figure 2). Two sections of holes will test a zone of mineralisation between Hobbs Pipe and Castor Reef. The core from the programme will be analysed geochemically and structurally to determine the nature of the mineralisation.

One of the high-priority targets to be drilled has a large IP chargeability high approximately 200m north of Hobbs Pipe – labelled "IP Pipe" in Figure 1. The IP anomaly is approximately double the size of the Hobbs Pipe anomaly and has never previously been drill-tested. The target also contains a coincident gold and arsenic soil anomaly and is located on a major NNE striking fault, all of which add to the potential of this target to host significant gold mineralisation.

A high gold-in-soil anomaly detected 250m southeast of Hobbs Pipe will also be drill tested and is a bulk tonnage pipe target. Historical shallow RAB drilling in the area confirmed a monzodiorite unit (the same host lithology of Hobbs Pipe Deposit).

The Company has identified several other IP chargeability anomalies of similar dimension and shape to the Hobbs Pipe gold deposit. It is inferred that the chargeability anomalies are in fact disseminated sulphide bodies. These features have been interrogated for coincident gold-arsenic in-soil anomalism and IP chargeability. Another diamond hole will be drilled on a coincident soil, IP chargeability and structural anomaly 750m southeast of Hobbs Pipe.

Soil sampling results from the Hobbs Pipe area will be used to constrain limits for future IP surveys in the area. Additional sampling may widen this area.

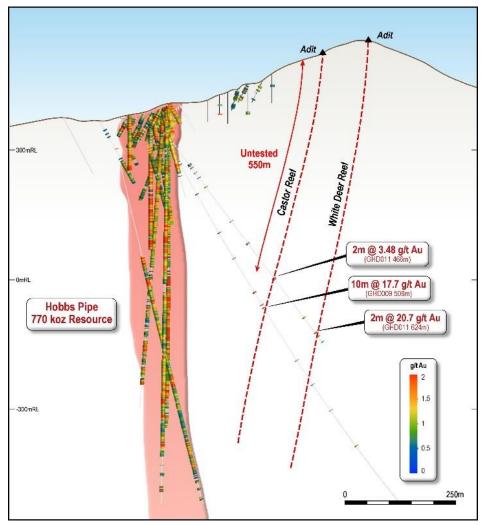


Figure 2. Up-dip extensions to historical intersections at both Castor Reef and White Deer Reef to be drill tested



# High Grade Gold Targets

#### - High grade gold targets associated with White Deer and Castor Reef targets

There are many prospects along the project's 18km strike and most sit above or near the Gilmore Suture. Of particular interest is the historical quartz reef mineralisation at White Deer and Castor Reef which seems to be related to a number of historical adits at surface. This mineralisation was intersected at depths greater than 550m below surface. No drilling has been conducted between the deep intersections and surface and will be a keen focus in the upcoming drill programme. Historical intersections include:

10m @ 17.7 g/t Au from 506m (GHD009) - Castor Reef Prospect

1.2m @ 58.6 g/t Au from 624m (GHD011) - White Deer Reef Prospect2



Figure 3. Historical drill core showing visible gold at Castor Reef

# Bulk Tonnage Gold Targets

# - Disseminated gold pipe targets generated by remodelling of IP, soil sampling assay results and structural controls

A decision was taken to remodel the Sovereign Metals Limited 2013 IP data (ASX release 9<sup>th</sup> October 2013) surrounding the Hobbs Pipe deposit. The initial survey processing did not show a discrete chargeability anomaly at the deposit, despite the relatively high sulphide content of the Hobbs Pipe relative to surrounding country rock.

After a quality check on the data, specialist consultants Austhai Geophysical Consultants and Zion Geophysics Inc carried out a 3D Inversion of the data and interpretation, respectively. There were topography discrepancies flagged and it was also noted that survey design issues led to gaps in 3D coverage through the survey area. The new inversion and interpretation did confirm that the IP survey detected Hobbs Pipe, and 6 other features of interest (chargeability anomalies of pipe-like geometry) were present in the survey area (Figure 2). The Hobbs Pipe chargeability response was strongest at about 50m depth in the data, but the response at depth may be hampered by the geometry of the survey design.

<sup>&</sup>lt;sup>2</sup> Sovereign Gold Company Limited Quarter Activities Statement – September 2013 <u>https://www.asx.com.au/asxpdf/20131031/pdf/42kjnh60f10m1b.pdf</u>



The other features of interest were selected based on having an anomalous chargeability response at a range of depths through the model generated, with slices taken at 50m, 75m, 100m and 150m below surface.

These targets are generally more discrete than those in the initial modelling of the data, where broader larger target zones were outlined. The stratigraphic trends defined from detailed field mapping and shown on Figure 4 show that some of the chargeability trends are at high angles to stratigraphy, and thus not likely to be stratigraphic responses. Overlaying the previous drill testing and surface geochemical sampling shows that only Anomaly C of the six selected features of interest has been systematically tested by prior surface sampling and drilling. Field checking and more systematic surface geochemical sampling is planned to investigate targets A, B, D, E and other trends outlined.

Another IP chargeability response is coincident with a portion of the Castor Reef prospect and will be tested in this drill campaign. A second-high priority IP chargeability response is located immediately north of the Hobbs Pipe and a diamond drill-hole has been designed to determine the nature of the chargeability anomaly. As discussed above, there is gold and arsenic anomalism above this anomaly.

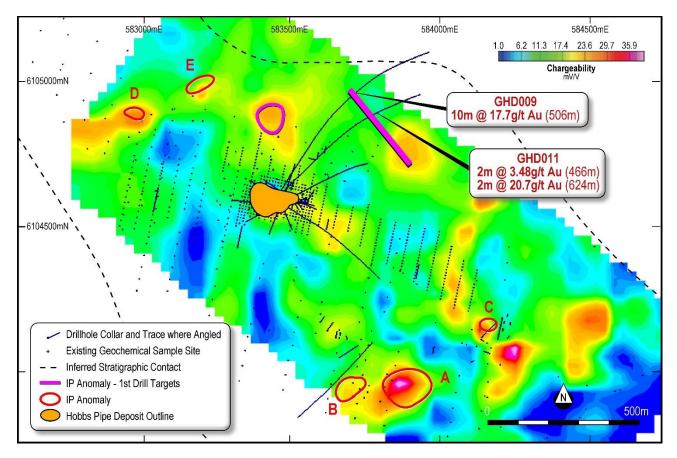


Figure 4: Remodelling of historical IP data has identified a number of new pipe targets (A to E). The image is chargeability values 100m below

## Soil Sampling Programme Results

A total of 1,588 soil samples were collected from 1,559 sites within the Mt Adrah project in May 2020, with all assay results now received by the Company. Wildcat geologists identified 5 key sites for soil sampling. A detailed interpretation of soils results has been completed for samples collected adjacent to Hobbs Pipe.

The Hobbs soil sampling covered areas 50 – 1300m from the Hobbs Pipe deposit testing a range of targets 200m – 800m from the deposit. Almost all the sampling was designed to extend historical soil and "RAB" geochemical sampling. A further 24 samples were collected 250m southeast of Hobbs Pipe to confirm an anomaly location prior to possible drill testing.

Examination of the soil sampling around Hobbs Pipe showed gold (Au) and arsenic (As) having a positive correlation, with similar distribution patterns. Given the strong association of As and Au at Hobbs Pipe this is not unexpected. Previous drill intercepts at the Castor and White Deer targets did not show as strong an Au-As correlation as the Hobbs Pipe deposit.

Sampling over the IP anomalies to the north of Hobbs Pipe did not show strong anomalism over two of the features, but a NNE-trending >90 ppm As corridor with areas of Au anomalism within it was outlined, and the southern part of this corridor is coincident with a chargeability anomaly (Figure 1). This is interpreted as a priority target and is planned to be tested by drilling. No prior drilling tests this target. The anomalous As corridor is open to the north and interpreted as a fault corridor. The most northern sample in this block was strongly anomalous in Au and As (61 ppb Au, 255 ppm As) and further sampling will be done to test the potential further to the north along this structure.

The White Deer target trend is also outlined by As anomalism (Figure 1 and 5). Samples along this trend also contained Au anomalism up to 139 ppb and IP chargeability features are also noted along the trend. Drill testing of this trend is planned with an initial two holes, and additional holes are likely, but also contingent on results. Soil sampling has also extended the White Deer target a further 200m to the south than previously thought, with soil sample N10351 returning 82 ppb Au and 169 ppm As. This southern section requires field investigation to determine its significance and where drill testing may be possible.

A weaker As-Au trend about 120m east of the White Deer target was also outlined by the soil sampling with Au up to 47 ppb (sample N10326). This trend is only partially outlined to date as it is on the edge of the current sampling in places, and the correlation of Au and As is not as strong in this area. Further sampling and field validation are required to better understand this trend. Drill testing is not planned at this stage.

The small confirmation soil sampling programme about 250m southeast of Hobbs was successful in confirming As-Au anomalism, with soil sampling returning up to 113 ppb Au coincident with 308 ppm As in sample N11818. Drill testing of this area is planned, with previous drilling not interpreted to have tested this target effectively.

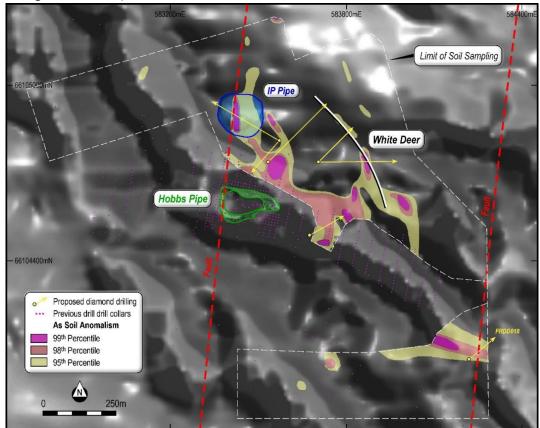


Figure 5. Arsenic in soil anomalism over grey scale TMI Magnetic image. Large structures and IP anomalies are highlighted.



A 1300 x 240m area about 500m south of Hobbs was tested with soil sampling to assist in interpreting and ranking a corridor of IP chargeability features in this area. The chargeability trend is at high angles to stratigraphic trends in the area. A block of samples in the eastern end of the area were offset or not collected due to local transported cover related to a creek. The western and eastern extents of this block of sampling have background levels of Au and As responses, but the central area has moderate Au and As anomalism to 131 ppb Au (sample N10392) and 339 ppm As (sample N10471). Currently interpreted geochemical trend directions are ENE; the As and Au distribution patterns are broadly similar, and peak geochemical responses do not coincide with the chargeability features. Drilling may be done to test this target area and to gain information to better understand the local features and possible controls on mineralisation.

The soil sampling programme was successful in outlining previously unknown anomalism and better defining targets. Additional sampling will be done to extend the coverage and to infill test interpreted trends. Historic geochemical sampling dates from 1981 – 1988 (work by Getty Minerals) when Au detection levels were 10 – 50 ppb Au. Improvements in low level gold geochemical analysis techniques may lead the Company to resample historic sampled areas where considered appropriate.

## Mt Adrah Gold System

The Mt Adrah project is located along 17km of the Gilmore Suture, a major terrane-bounding fault between the Wagga Metamorphic Belt to the west and the mineralised Central Belt / Tumut Block to the east. Numerous mines (e.g. Temora copper-gold deposit: 1.8Moz Au & 837kt Cu; Cobar goldfields) and artisanal workings are localised along the Gilmore Suture and associated second-order structures.

The Company's Hobbs Pipe gold deposit is located immediately adjacent to the Gilmore Suture and contains a significant gold resource (770,000oz Au @ 1.1 g/t)<sup>3</sup> with high continuity of mineralisation and shows this is a working system. Hobbs Pipe drill intersections include:

886m @ 1.2 g/t Au - from surface (GHD001) mineralised to end of hole

826m @ 1.3 g/t Au - from surface (GHD006) including 178m @ 2.0 g/t Au from 400m<sup>4</sup>

Several small adits have also been cut into the hills surrounding Hobbs Pipe. Structures named White Deer and Castor have been intersected in three deep, diamond drill holes historically and returned intersections including:

10m @ 17.7 g/t Au from 506m (GHD009)<sup>5</sup> – Castor Reef Prospect

1.2m @ 58.6 g/t Au from 624m (GHD011)6 - White Deer Reef Prospect

The Company notes that there has been no follow-up near surface drilling on these quartz reef structures historically.

<sup>&</sup>lt;sup>3</sup> Fraser Range Metals to Acquire Mount Adrah Gold Project on 28/08/2019 <u>https://www.asx.com.au/asxpdf/20190823/pdf/447s52fxbdmrfc.pdf</u>

<sup>&</sup>lt;sup>4</sup> Sovereign Gold Company Limited Quarter Activities Statement – September 2013 <u>https://www.asx.com.au/asxpdf/20131031/pdf/42kjnh60f10m1b.pdf</u>

<sup>&</sup>lt;sup>5</sup> Sovereign Gold Company Limited Quarter Activities Statement – September 2013 <u>https://www.asx.com.au/asxpdf/20131031/pdf/42kjnh60f10m1b.pdf</u>

<sup>&</sup>lt;sup>6</sup> Sovereign Gold Company Limited Quarter Activities Statement – September 2013 <u>https://www.asx.com.au/asxpdf/20131031/pdf/42kjnh60f10m1b.pdf</u>



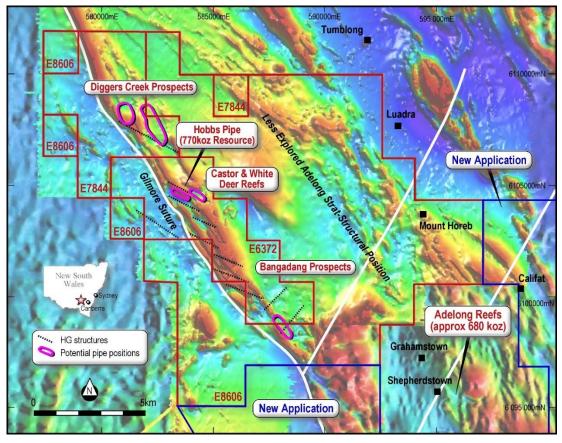


Figure 6 – Airborne Magnetic Image of Mt Adrah Project area of focus

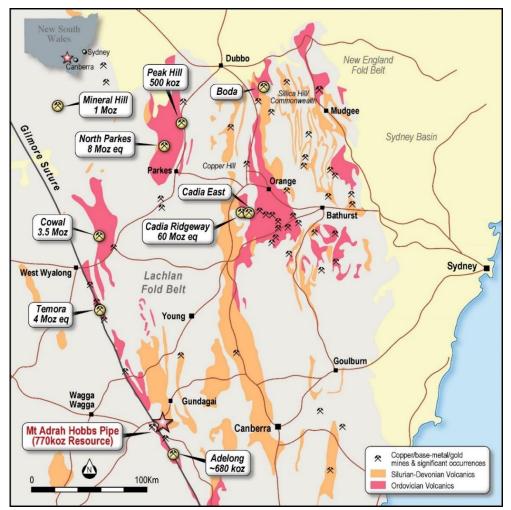


Figure 7 – Regional Map of Lachlan Fold NSW



#### - ENDS -

This announcement has been authorised by the Board of Directors of the Company.

#### FOR FURTHER INFORMATION, PLEASE CONTACT:

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#### ABOUT MT ADRAH – upcoming drilling in August 2020

Wildcat Resources Limited holds the Mount Adrah Gold Project ("**Mount Adrah**"), a highly prospective 200km<sup>2</sup> tenement package located within the well-endowed Lachlan Orogen region in NSW. The project includes the Hobbs Pipe gold deposit which has an existing JORC 2012 -compliant Mineral Resource estimate of 20.5Mt @ 1.1g/t Au for 770,000 oz of contained gold.

In addition to Hobbs Pipe, a number of high-grade gold reef systems have been identified by historic artisanal workings and limited exploration drilling, including down-hole intercepts such as **10m @ 17.7 g/t Au from 506m** (GHD009) at the Castor Reef Prospect, about200m north-east of Hobbs Pipe, and **1.2m @ 58.6 g/t Au from 624m** (GHD011) at the White Deer Reef Prospect, a further 150m to the north-east of the GHD009 intercept. The drill-hole intervals are interpreted to align with the artisanal workings. However, surface geochemistry and drilling have not yet tested the near-surface potential of these targets.

A number of quartz vein reef-style targets were identified as targets of interest in a study by prior owners in 2016. Results on the follow-up work done on some of these targets have been promising to date. Outside of the immediate Hobbs Pipe area, the project has had little exploration activity since the 1990's, with several areas of surface gold anomalies yet to be followed up with drilling.

#### PILBARA GOLD PROVINCE

Wildcat Resources Limited has strategically applied for tenements within the Mallina Gold Province in the Pilbara, on the Berghaus Shear, and up-strike from the new discovery of "Hemi" by De Grey Mining (ASX: DEG) in February 2020.

#### Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to, statements concerning Wildcat Resources Limited's planned exploration program and other statements that are not historical facts. When used in this document, the words such as "could," "plan," "estimate," "expect," "intend," "may", "potential," "should," and similar expressions are forward-looking statements. Although Wildcat Resources Limited believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.

#### **Competent Person's Statement**

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



#### **ASX Listing Rule Information**

Table 1 – JORC (2012) Mineral Resources Estimate for the Hobbs Pipe Gold Deposit

Resource Classification	Depth Below Surface	Oxidation Zone	COG Au (g/t)	Tonnes (Mt)	Grade (g/t Au)	Contained Gold (oz)
	0 – 150m	Oxides	0.4	0.6	0.9	18,000
Indicated	0 - 13011	Fresh	0.9	3.0	1.0	96,000
	150 – 700m	Fresh	0.9	8.5	1.2	320,000
TOTAL INDICAT	ED RESOURCES			12.1	1.1	440,000
Inferred	0 – 150m	Fresh	0.5	0.2	0.6	39,000
meneu	150 – 700m	Fresh	0.9	8.2	1.1	290,000
TOTAL INDICAT	ED RESOURCES			8.4	1.1	330,000
TOTAL RESOURC	CES			20.5	1.1	770,000

The Mineral Resource was first reported in an announcement by former Mount Adrah owners Sovereign Gold Company Ltd (ASX Announcement 27 December 2013). The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the original market announcements continue to apply and have not materially changed. The company confirms that the form and context in which the competent persons findings have not been materially modified from the original announcement.

# Table 1 for reporting in accordance with JORC Code

## Section 1 Sampling Techniques and Data

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

Criteria	Criteria	Commentary
Sampling techniques	<ul> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialized 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 disclosure of detailed information.</li> </ul>	<ul> <li>2020 soil samples collected at B horizon, on grid spacings of 80x25m, 40x40m, 100x40m, 25x10m, 200x40m and 200x80m, offset where required for particular features. A minus 2mm fraction was collected on site. Average soil sample size collected was about 350g.</li> <li>2020 soil samples were despatched to SGS Laboratories and the entire sample submitted were pulverised. Samples were analysed for gold by low level aqua regia digest of 25g and a multielement suite by ICP-MS method. Later assays (N10626 – N11824, 24 samples in the Hobbs Pipe area) were analysed by low level fire assay of a 30g charge with the multi-element suite determined by ICP-MS analysis following a 4 acid digest.</li> <li>Diamond core HQ3 with 1/2 core samples.</li> <li>Diamond core HQ3 with 1/4 core samples for some Screen Fire Assays.</li> <li>Consistent cut distance 1 cm to the right of the orientation or markup line to reduce potential of bias, and to leave the orientation line in the tray.</li> <li>Fire Assay and Screen Fire Assay Gold. Gold is predominantly held in sulphides within disseminated sericite - sulphide alteration. Gold is occasionally visible in quartz veins.</li> <li>1/2 core HQ3 was sent to ALS laboratories on a 2m sample length basis and was pulverised to produce a 30g charge for fire assay (Au_AA25), and 4 acid digestion for 48 element ICP-AES and ICP-MS analysis (ME-MS61).</li> <li>Screen Fire Assay on visible gold intercepts, on either full 2m sample lengths or on individual quartz veins that are expected to carry high grade gold.</li> <li>Historic reverse circulation (RC) air track (percussion) drilling was undertaken. There are no records of sampling methods in the available reports. Assay was by fire assay and Aqua Regia.</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>Not applicable to 2020 soil sampling program</li> <li>Diamond core, un-oriented HQ3 (Vertical hole)</li> <li>Diamond core, oriented HQ3</li> <li>Diamond core, un-oriented PQ3 for hole collars</li> <li>Historic drilling includes RC, diamond and air track (RAB equivalent).</li> </ul>
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	<ul> <li>Not applicable to 2020 soil sampling program</li> <li>Core was drilled by HQ triple tube (HQ3) to maximise recovery.</li> </ul>

Criteria	Criteria	Commentary
	<ul> <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>Recovery is approximately 99% based on 2,290 measured intervals.</li> <li>There is no relationship between recovery and grade in diamond drill holes, correlation coefficient is -0.03.</li> <li>There is no record of sample recovery for the historic drill holes.</li> </ul>
Logging	<ul> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>Not applicable to 2020 soil sampling program</li> <li>Core has been logged for lithology and structural data, including recovery and RQD measurements.</li> <li>Core trays photographed and samples collected for specific gravity measurement.</li> <li>All core is logged, all core logged to the same standard.</li> <li>Historic holes have been logged for lithology and weathering / oxidation.</li> </ul>
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, 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> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>2020 soil samples were sieved on site, with the -2mm fraction submitted for analysis. No sub-sampling techniques applied</li> <li>1/2 Core cut with a core saw.</li> <li>1/4 Core cut with a core saw for submission for metallurgical assessment.</li> <li>Sample preparation by accredited laboratory. High quality and appropriate preparation technique for assay methods in use.</li> <li>Consistent sampling of core at 2m intervals, this was considered appropriate by the prior owners given their understanding of grade homogeneity and observed mineralisation.</li> <li>At this time no field duplicates have been submitted, half or quarter core is in storage at the NSW DPI core storage facility if required for future analysis.</li> <li>Sample sizes are appropriate to the grain size of the material being sampled.</li> <li>Details of the historic RC sampling programmes are not available.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>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.</li> </ul>	<ul> <li>2020 soil samples (samples N10001 – N10625) were analysed for gold by aqua regia digest of a 25g subsample to a detection limit of 1ppb. A multi-element assay suite of 28 elements was measured from the aqua regia digest. Digest was not total for some elements but is still considered as appropriate for exploration purposes. Later samples (N10626 – N11824) were analysed for gold by fire assay of a 25g charge and the multi-element suite determination was by mixed acid digest and ICP-MS analysis.</li> <li>Appropriate standards were inserted with the 2020 soil sampling at a frequency of two per 100 samples. Blanks were inserted with the 2020 soil sampling at a frequency of two per 100 samples. Duplicate samples from the same site were collected sampling at a frequency of two per 100 samples. Duplicate samples from the same site were encountered with the quality control sampling.</li> <li>For diamond core fire assay for gold and ICP-AES and ICP-MS for multi-element analysis. Techniques considered total for the type of mineralization sampled.</li> </ul>

Criteria	Criteria	Commentary
		For diamond core Screen Fire Assay for visible gold intercepts or where coarse gold is predicted to occur.
		• No blanks, standards, field, course reject or pulp duplicates have been submitted to the laboratory for testing as part of the prior diamond drilling programme. A QA/QC programme is planned for submission of the above at a rate of 1:20 for all new holes. A blind repeat programme will be established for existing assayed intervals.
		<ul> <li>Historic holes were assayed by a combination of Aqua Regia, Fire Assay and unspecified AAS.</li> </ul>
		There is very little QA/QC data available for the historic samples.
Verification of sampling and	• The verification of significant intersections by either independent or alternative company personnel.	Analytical results for the 2020 soil sampling were received by multiple personnel and compiled into a central database.
assaying	The use of twinned holes.	No adjustments were made to any 2020 soil sampling assay data
	• Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	No twinned holes have been drilled. Historic RC drill data supports the grade ranges from new diamond drill holes.
	Discuss any adjustment to assay data.	<ul> <li>Review of the grade distribution between the diamond and the historic RC holes indicates that it is possible the RC holes are bias low compared to the diamond drill holes. This is in the process of being reviewed.</li> </ul>
		• There are no samples of the historic drill holes of sufficient size for re assay submission. Some sample remnants are in some chip trays at the Londonderry Core library.
		<ul> <li>At this time there are no processes or procedures guiding data collection, collation, verification and storage. Implementation and development of procedures and documentation are currently being planned.</li> </ul>
		There are no adjustments to the assay data.
Location of	Accuracy and quality of surveys used to locate drill holes (collar and down-	Location of sample sites of 2020 soil sampling program recorded by hand-held GPS
data points	hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	<ul> <li>Collar coordinates by the prior owner were sited using handheld Garmin GPSMAP® 62sc.</li> </ul>
	Specification of the grid system used.	Digital survey tool used for down hole surveying.
	Quality and adequacy of topographic control.	DGPS Collar location and RL data will be undertaken going forward.
		<ul> <li>All recently drilled holes will where possible be re surveyed using DGPS at the completion of the next drilling programme.</li> </ul>
		All current data is in MGA94 (Zone 55).
		Historic data has been converted to in MGA94 (Zone 55).
		<ul> <li>Historic data collar co-ordinates were listed as confirmed to have been in the correct position/ within 1m in MGA94 (Zone 55). A new project database compiled to current quality standards is being assembled.</li> </ul>

Criteria	Criteria	Commentary
		• Digital topographic data is available from a detailed DTM survey undertaken in 1997. The accuracy of the data at a project scale is yet to be assessed but is assumed to be reasonable.
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>2020 soil sampling in the Hobbs Pipe area was at 80x25m, 40x40m, 100x40m, and 25x10m</li> <li>There is sufficient data and it is sufficiently closely spaced to establish a reasonable geological interpretation in the area of interest. The data available also provided continuity of mineralization and a local scale.</li> <li>Current drill spacing of 200m x 200m down to 20m x 20m allows for the reporting of a Mineral Resource.</li> <li>Samples have not been composited but 2m half core sample lengths have been submitted for assay on the basis of the gold mineralization being homogeneous. This will be reassessed if and when narrower high grade veins or structures become evident.</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>Drilling by Sovereign Gold employed core orientation device for all holes with the exception of GHD001 which was a vertical hole.</li> <li>Significant orientated structural data on geological and structure features have been collected.</li> <li>The geological area of interest is vertical at approximately 180m x 160m in diameter. Diamond holes have been from numerous directions, vertical holes have also been drilled.</li> <li>Given the style and nature of the mineralization observed, drill angle relative to structure or vein orientation is not considered relevant at this stage with respect to sample bias at Hobbs Pipe. For the high-grade gold reef targets it is anticipated that drilling orientation optimization will be critical to avoid a sample bias; however it is too early to define the orientation of the mineralization at this stage.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>2020 soil samples were stored on site at a field base and delivered directly to the SGS West Wyalong laboratory.</li> <li>Current core samples were securely stored at a private facility.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	• A high-level review of data collection, collation, storage and procedures has been undertaken. The data has been found to be in good condition. The lack of documented procedures and QA/QC has been commented upon and plans are being generated to rectify outstanding issues going forward. Where practicable previous drilling and historic data will be validated as well.

## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commenta	ry						
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 licence to operate in the area.</li> </ul>	<ul> <li>EL6372, EL8606 and EL7844 are held 100% by Wildcat Gold Pty Ltd. The Hob area is on EL6372. 2020 soil sampling was done on areas within all 3 ELs.</li> <li>Tenure is current and in good standing. Renewal applications have been lodge EL6372 and EL8606. There are no extraordinary impediments to obtaining a lic operate in the area.</li> </ul>					ged for		
Exploration done by other parties		explore confirn workin utilisat	20 soil samplin ed as listed in th n a location of p gs within the fo ion of the data f tic data from M	ne point below previously outlin otprint of one a from a previous	. One si ned geo area ha s IP sur	mall area of 25 ochemical ano d been done b vey by Sover	5x10m san malism. Ro by prior exp	npling wa ock chip s olorers, ar	s done to sampling of nd
	previou by Sov Cross airborr resour high st	source estimate us owner of the rereign Gold, G Resources hav the magnetics, ro ce estimation w andard, though olds and ability	project, Sover etty Oil, Cypru e contributed t btary air blast ( ork has been different grou	eign Go s Austra o the cu (RAB), / complet ps had	old Company I alia, Michelago urrent project o Airtrack, RC, c ted previously different conco	Ltd. Histori o, North Lir developme liamond c . Work wa	c work ur mited anc nt. Soil sa drilling, ar s underta	ndertaken d Golden ampling, nd some aken to a	
Geology	Deposit type, geological setting and style of mineralisation.	Hobbs Pipe has previously been interpreted to represent a mesozonal to epizonal Intrusion-Related Gold System (IRGS) located along the Gilmore Suture on the edge of a buried pluton. Geological studies have commenced to refine and check this interpretation. Orogenic lode-style mineralisation (narrow-vein gold "reefs") has been encountered proximal to Hobbs Pipe and is known elsewhere in the region.							
Drill hole information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:	annou	holes have bee ncement refer to al to the Hobbs	o drill-holes that	at targe	ted the high-g			
	<ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level - elevation above sea level in metres) of the drill hole collar</li> <li>dia and azimuth of the hole</li> </ul>	Hole ID	Northing (m)	Easting (m)	RL (m)	Grid	Collar Azimuth	Collar Dip	Total Depth (m)
	<ul> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> </ul>	GHD001	6104591	583496	399	MGA94 Z55	0	-90	1029.60
	- hole length.	GHD006	6104591	583502	400	MGA94 Z55	311	-83	855.90
	• If the exclusion of this information is justified on the basis that the	GHD007	6104594	583479	399	MGA94 Z55	50	-75	924.10
	information is not Material and this exclusion does not detract from the	GHD008	6104590	583492	398	MGA94 Z55	267	-83	699.60

Criteria	JORC Code explanation	Commenta	ıry						
	understanding of the report, the Competent Person should clearly explain why this is the case.	GHD009	6104587	583444	387	MGA94 Z55	29	-60	1312.60
		GHD010	6104593	583448	387	MGA94 Z55	120	-55	740.30
		GHD011	6104592	583445	387	MGA94 Z55	41	-55	969.60
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> </ul>	well de	ported intersect fined. Intercept are known.						
	<ul> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should</li> </ul>	<ul> <li>intercept reported for GHD009 contains 6m of lower-grade but anomalous – 0.4g/t) between significantly higher grade zones.</li> <li>None used</li> </ul>							
	be clearly stated.								
Relationship between	These relationships are particularly important in the reporting of Exploration Results.		ientation of min reef mineralizat			e true widths an	id depth p	otential o	f the high-
mineralization widths and	• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	The geometry is not currently known but detailed re-logging and mapping is proposed t assist in determining this							proposed to
intercept lengths	• 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').								
Diagrams	<ul> <li>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.</li> </ul>	reporte 2013, Mount 21st N	New Gold Disco ed by Sovereigr 'Bonanza hit of Adrah" " report ovember 2013 ed by Sovereigr	n Gold Compar 1.2m @ 58.6 ed by Sovereig and "Mineral F	ny Ltd ( g/t Au c gn Gold Resourc	ASX:SOC) to t confirms multipl Company Ltd ces for the Mou	he ASX o le high-gra (ASX:SO nt Adrah	n 28th Oc ade struct C) to the Gold Proj	tober ures at ASX on lect"
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.	drilling	r work (detailed ) is required to g results are co	clearly establis	sh whic	l mapping and h zones may b	sampling e correlati	and addit ed. Repor	ional ting of all
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.	distinc consid	tercept reported t geological con ered encouragi cked against de	itact. The style	e of alte alteratio	ration and loca	tion at a c	defined po	sition are

Criteria	JORC Code explanation	Commentary
Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul> <li>analysis of the data and field checking of some other anomalous areas will be done. Additional infill and extension soil sampling is also likely to be done.</li> <li>Complete geological mapping and core logging study to update project target framework.</li> <li>Complete building of comprehensive exploration database for project to confirm current targets and assess them. Geochemical follow-up of priority targets external to current</li> </ul>
	resources is the current priority.	
		Drill testing of priority targets at considered appropriate and in accordance with company objectives.