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Market Announcements Platform  
ASX Limited  
Exchange Centre  
20 Bridge Street  
Sydney NSW 2000

## Norseman Gold Exploration Results

Auroch Minerals Limited (**Auroch** or the **Company**) is pleased to announce the results from portable XRF of soil sampling programs at its wholly owned Beete Gold Project (P63/1646) & Peninsula Gold Project (P63/1694) around Norseman, WA (**Figures 1 & 2**).

### Soil sampling

A total of 44 soils samples were collected and analysed by portable XRF (Niton XL3t Analyzer) from P63/1646 (Table 2) and P63/1694 (Table 3). Sampling grid was 150m x 50m across the tenements. Holes were excavated to 30 cm depth, with the top 10 cm discarded. The sample was then sieved and the fine fraction (<2.80mm) collected. Finally, the fine fraction was analysed using "Test All Geo" mode which is suitable for rapid analysis of major, minor, and trace elements in geologic samples. The samples were analysed for 45 elements.

A statistical analysis of the results was conducted by calculating 'Z' scores for all elements. Many of the elements measured below the limits of detection for the instrument. In these cases half the limit of detection was used for statistical analysis.

### Results & Findings

#### **Beete Gold Project**

Gold mineralisation from historic workings is hosted within a N-NE trending narrow quartz vein (and adjacent shear) on the western side of the tenement. Best Au results from rock chip samples were: 13.00g/t, 3.79 g/t, 3.31 g/t, and 2.00 g/t. Figure 3 shows anomalism of selected elements on the tenement. The closest association between gold in rock chips and soils was with arsenic and lead. Arsenic is a common pathfinder element for gold throughout the Yilgarn and the results appear to support the position of the known mineralised trend. Lead is generally extremely mobile in an oxidised environment so caution should be taken when interpreting any anomalism here. Also of potential interest is elevated silica levels about the main mineralised trend, and some iron depletion.

#### **Peninsula Gold Project**

Gold mineralisation at the Peninsula Gold Project is associated with north-south trending quartz veins which dip at angles of 60-80 degrees to the east. Best Au results from rock chip samples were: 13.30g/t, 8.76 g/t and 8.39 g/t. Previous work has focussed around a 1-2m wide milky quartz vein observed in an historical open pit excavation. Figure 4 shows anomalism of selected elements over the tenement. There is a close association between arsenic as well as nickel and chromium. Whilst the anomaly is slightly offset east of the main workings this is consistent with current topography (slope falls away to the east). As mentioned above arsenic is a common pathfinder element for gold throughout the Yilgarn and again the results support the position of the known mineralised trend.

## Conclusions & Recommendations

At both the Beete and Peninsula Gold Projects results suggest mineralisation is confined to the identified historical workings. A full review of historic drilling and resource calculations (non-JORC 2012) will be done prior to designing the next phase of exploration.

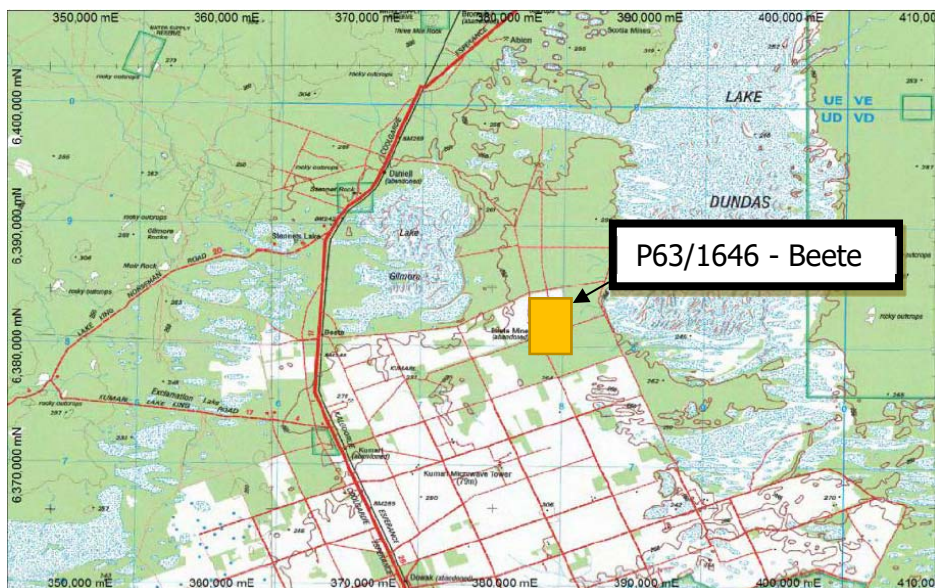


Figure 1: P63/1646 - Beete Gold Project location map.

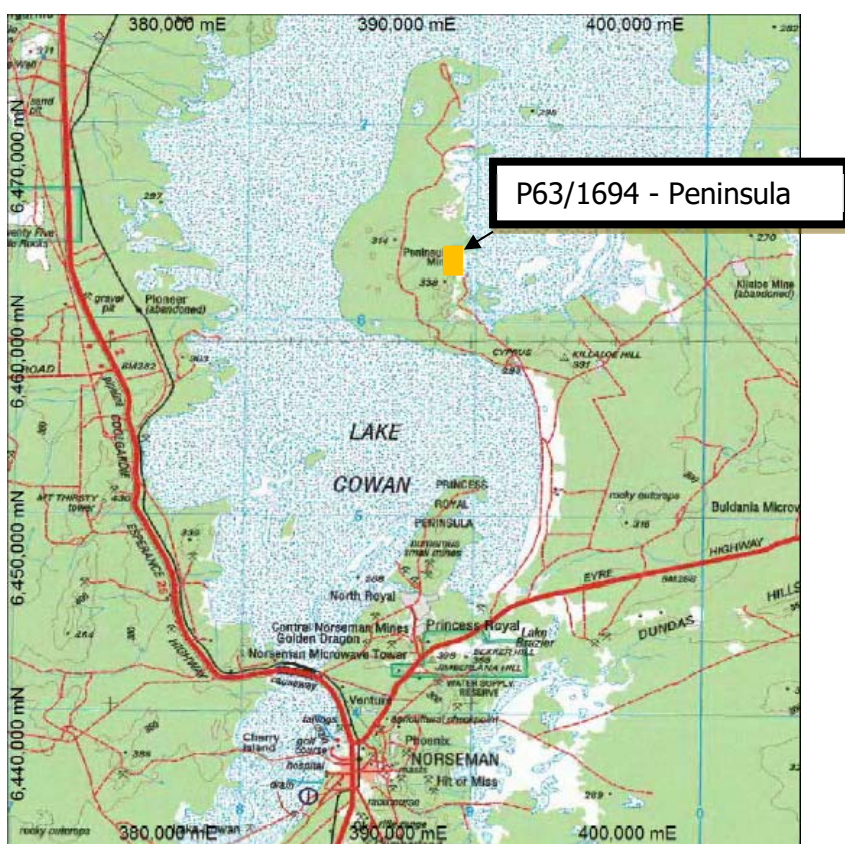
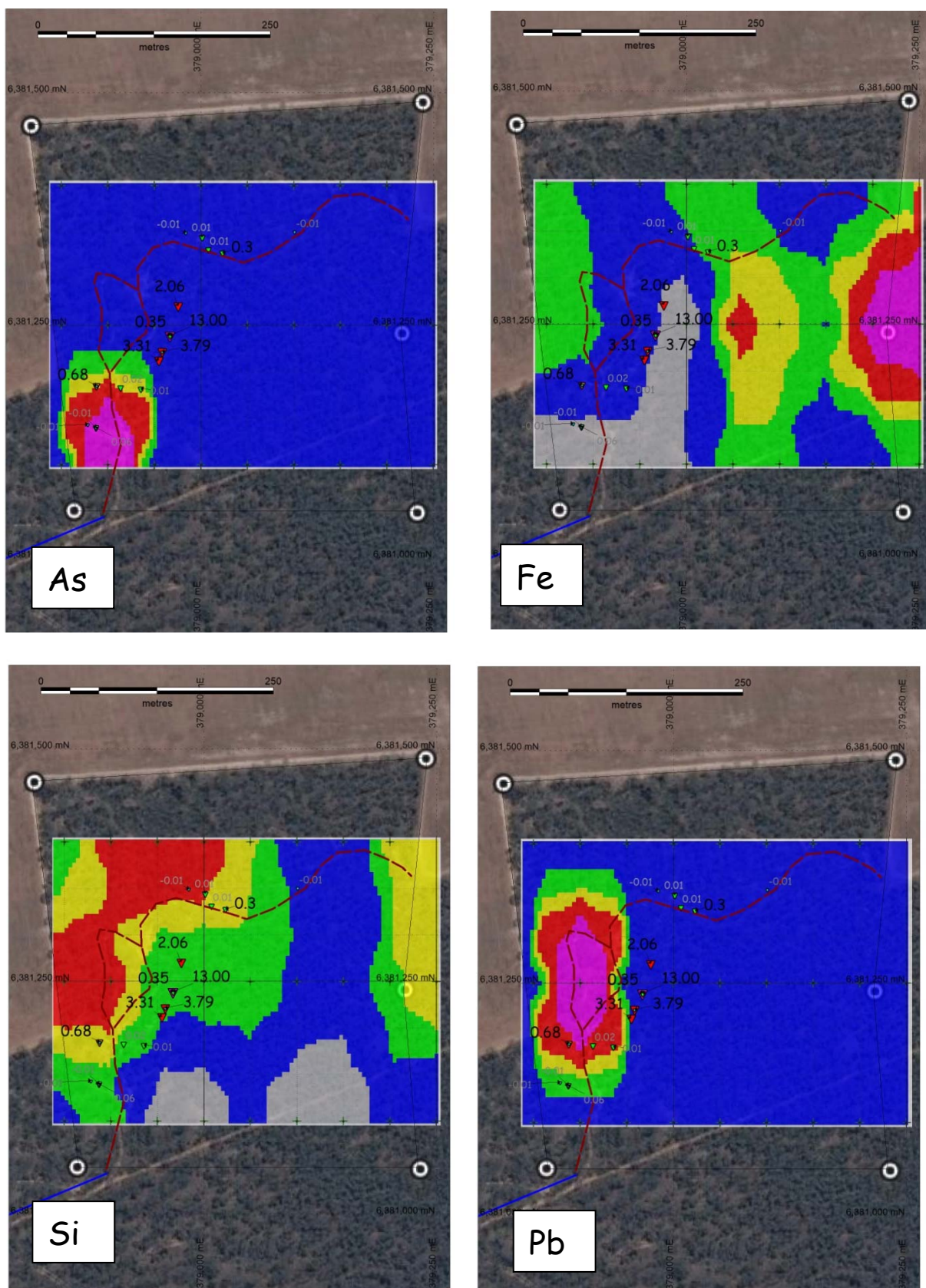


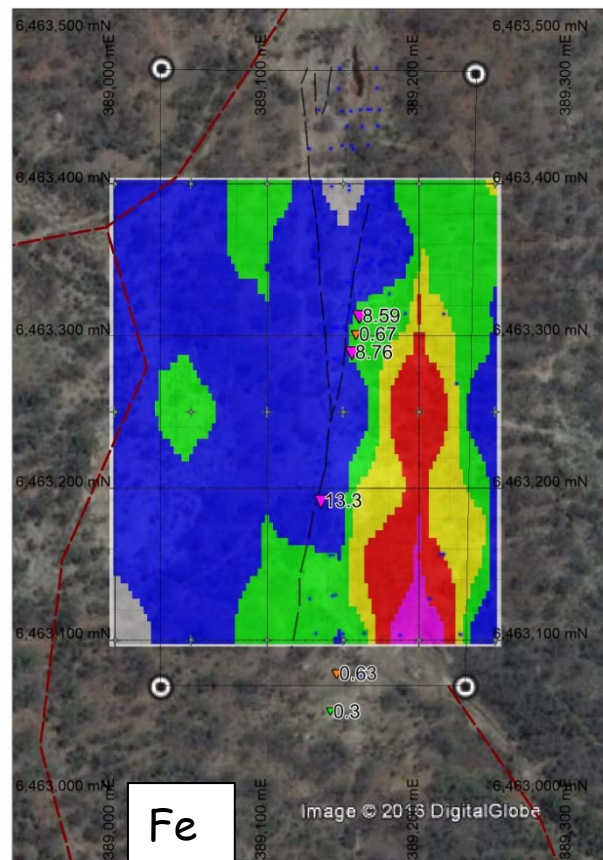
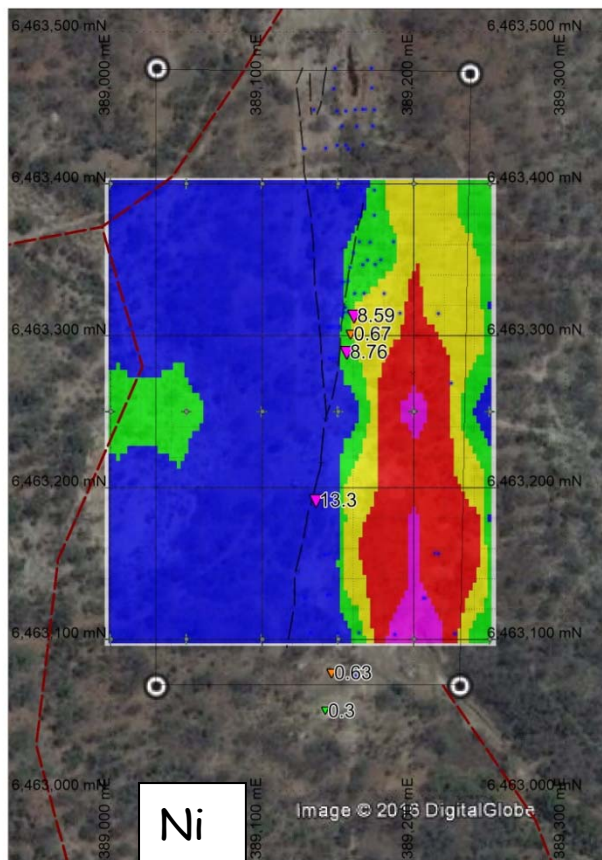
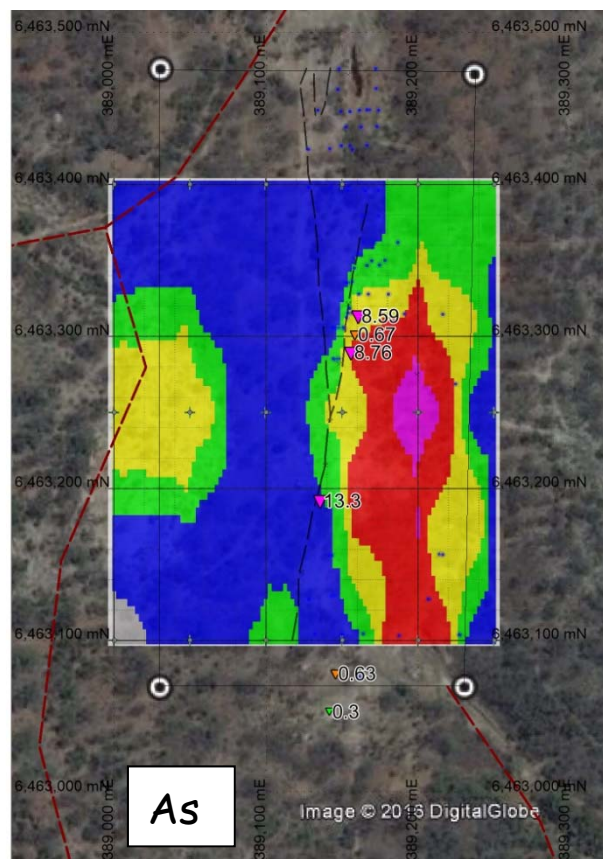
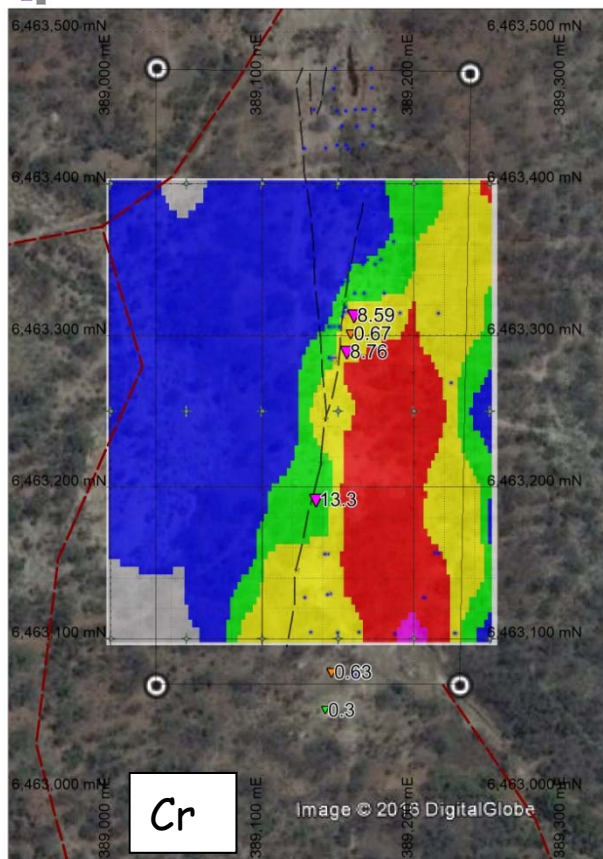
Figure 2: P63/1694 - Peninsula Gold Project location map.





**Figure 3: Beete soil sampling results for selected elements (modelled on Z scores for each element). Map shows tenement corner points, recent rock chip results, and satellite imagery.**





**Figure 4 Peninsula soil sampling results for selected elements (modelled on Z scores for each element). Map shows: tenement corner points, recent rock chip results, and satellite imagery.**

**Table 1: Beete Gold Project - soil sample locations and results.**

Tenement	Instrument	Sample ID	Datum	Easting	Northing	RL	As (ppm)	Fe (%)	Pb (ppm)	Si (%)	As z-score	Fe z-score	Pb z-score	Si z-score
P63/1646	Niton XL3t Analyzer	BESO002	MGA94_Zone51	378850	6381100	275	5	1.76	5	16.79	-0.20	-1.40	-0.20	-0.09
P63/1646	Niton XL3t Analyzer	BESO003	MGA94_Zone51	378900	6381100	275	21	1.84	5	17.78	4.90	-1.24	-0.20	0.31
P63/1646	Niton XL3t Analyzer	BESO004	MGA94_Zone51	378950	6381100	275	5	1.90	5	13.82	-0.20	-1.11	-0.20	-1.30
P63/1646	Niton XL3t Analyzer	BESO005	MGA94_Zone51	379000	6381100	275	5	1.95	5	13.32	-0.20	-1.03	-0.20	-1.50
P63/1646	Niton XL3t Analyzer	BESO006	MGA94_Zone51	379050	6381100	275	5	2.69	5	15.27	-0.20	0.44	-0.20	-0.71
P63/1646	Niton XL3t Analyzer	BESO007	MGA94_Zone51	379100	6381100	275	5	2.64	5	12.62	-0.20	0.34	-0.20	-1.79
P63/1646	Niton XL3t Analyzer	BESO008	MGA94_Zone51	379150	6381100	275	5	2.08	5	11.71	-0.20	-0.76	-0.20	-2.16
P63/1646	Niton XL3t Analyzer	BESO009	MGA94_Zone51	379200	6381100	275	5	2.38	5	16.54	-0.20	-0.17	-0.20	-0.19
P63/1646	Niton XL3t Analyzer	BESO010	MGA94_Zone51	379250	6381100	275	5	2.53	5	15.48	-0.20	0.13	-0.20	-0.62
P63/1646	Niton XL3t Analyzer	BESO012	MGA94_Zone51	378850	6381250	275	5	2.65	5	20.06	-0.20	0.36	-0.20	1.24
P63/1646	Niton XL3t Analyzer	BESO013	MGA94_Zone51	378900	6381250	275	5	2.50	14	20.06	-0.20	0.07	4.90	1.24
P63/1646	Niton XL3t Analyzer	BESO014	MGA94_Zone51	378950	6381250	275	5	2.11	5	17.47	-0.20	-0.71	-0.20	0.18
P63/1646	Niton XL3t Analyzer	BESO015	MGA94_Zone51	379000	6381250	275	5	1.68	5	17.39	-0.20	-1.56	-0.20	0.15
P63/1646	Niton XL3t Analyzer	BESO016	MGA94_Zone51	379050	6381250	275	5	3.04	5	17.96	-0.20	1.14	-0.20	0.39
P63/1646	Niton XL3t Analyzer	BESO017	MGA94_Zone51	379100	6381250	275	5	2.94	5	16.82	-0.20	0.94	-0.20	-0.08
P63/1646	Niton XL3t Analyzer	BESO018	MGA94_Zone51	379150	6381250	275	5	2.45	5	15.17	-0.20	-0.03	-0.20	-0.75
P63/1646	Niton XL3t Analyzer	BESO019	MGA94_Zone51	379200	6381250	275	5	3.63	5	18.11	-0.20	2.31	-0.20	0.44
P63/1646	Niton XL3t Analyzer	BESO020	MGA94_Zone51	379250	6381250	275	5	3.77	5	18.98	-0.20	2.59	-0.20	0.80
P63/1646	Niton XL3t Analyzer	BESO022	MGA94_Zone51	378850	6381400	275	5	2.68	5	17.56	-0.20	0.42	-0.20	0.22
P63/1646	Niton XL3t Analyzer	BESO023	MGA94_Zone51	378900	6381400	275	5	2.36	5	20.00	-0.20	-0.20	-0.20	1.21
P63/1646	Niton XL3t Analyzer	BESO024	MGA94_Zone51	378950	6381400	275	5	2.30	5	20.88	-0.20	-0.32	-0.20	1.57
P63/1646	Niton XL3t Analyzer	BESO025	MGA94_Zone51	379000	6381400	275	5	2.61	5	20.51	-0.20	0.29	-0.20	1.42
P63/1646	Niton XL3t Analyzer	BESO026	MGA94_Zone51	379050	6381400	275	5	2.67	5	18.37	-0.20	0.40	-0.20	0.55
P63/1646	Niton XL3t Analyzer	BESO027	MGA94_Zone51	379100	6381400	275	5	2.22	5	16.11	-0.20	-0.48	-0.20	-0.37
P63/1646	Niton XL3t Analyzer	BESO028	MGA94_Zone51	379150	6381400	275	5	2.26	5	15.01	-0.20	-0.41	-0.20	-0.81
P63/1646	Niton XL3t Analyzer	BESO029	MGA94_Zone51	379200	6381400	275	5	2.47	5	18.59	-0.20	0.01	-0.20	0.64

**Table 2: Peninsula Gold Project - soil sample locations and results.**

Tenement	Instrument	Sample ID	Datum	Easting	Northing	RL	As (ppm)	Cr (ppm)	Fe (%)	Ni (ppm)	As z-score	Cr z-score	Fe z-score	Ni z-score
P63/1694	Niton XL3t Analyzer	PESO001	MGA94_Zone51	389000	6463100	295	29	76	3.21	72	-1.12	-1.21	-1.22	-0.72
P63/1694	Niton XL3t Analyzer	PESO002	MGA94_Zone51	389050	6463100	295	70	118	4.20	77	-0.93	-1.12	-0.79	-0.71
P63/1694	Niton XL3t Analyzer	PESO003	MGA94_Zone51	389100	6463100	295	298	995	7.08	20	0.12	0.85	0.47	-0.89
P63/1694	Niton XL3t Analyzer	PESO004	MGA94_Zone51	389150	6463100	295	235	913	5.99	237	-0.17	0.66	-0.01	-0.19
P63/1694	Niton XL3t Analyzer	PESO005	MGA94_Zone51	389200	6463100	295	670	1574	12.45	1126	1.82	2.14	2.82	2.70
P63/1694	Niton XL3t Analyzer	PESO006	MGA94_Zone51	389250	6463100	295	148	556	4.05	353	-0.57	-0.14	-0.86	0.19
P63/1694	Niton XL3t Analyzer	PESO007	MGA94_Zone51	389000	6463250	295	420	501	5.93	308	0.67	-0.26	-0.03	0.04
P63/1694	Niton XL3t Analyzer	PESO008	MGA94_Zone51	389050	6463250	295	468	502	6.20	322	0.89	-0.26	0.08	0.09
P63/1694	Niton XL3t Analyzer	PESO009	MGA94_Zone51	389100	6463250	295	82	248	5.27	97	-0.87	-0.83	-0.32	-0.64
P63/1694	Niton XL3t Analyzer	PESO010	MGA94_Zone51	389150	6463250	295	415	1044	4.81	193	0.65	0.96	-0.53	-0.33
P63/1694	Niton XL3t Analyzer	PESO011	MGA94_Zone51	389200	6463250	295	815	1330	9.92	957	2.48	1.60	1.71	2.15
P63/1694	Niton XL3t Analyzer	PESO012	MGA94_Zone51	389250	6463250	295	119	518	4.37	238	-0.70	-0.22	-0.72	-0.18
P63/1694	Niton XL3t Analyzer	PESO013	MGA94_Zone51	389000	6463400	295	115	240	5.38	88	-0.72	-0.84	-0.27	-0.67
P63/1694	Niton XL3t Analyzer	PESO014	MGA94_Zone51	389050	6463400	295	170	150	5.37	20	-0.47	-1.05	-0.28	-0.89
P63/1694	Niton XL3t Analyzer	PESO015	MGA94_Zone51	389100	6463400	295	119	310	6.81	118	-0.71	-0.69	0.35	-0.57
P63/1694	Niton XL3t Analyzer	PESO016	MGA94_Zone51	389150	6463400	295	91	223	3.22	152	-0.83	-0.88	-1.22	-0.46
P63/1694	Niton XL3t Analyzer	PESO017	MGA94_Zone51	389200	6463400	295	360	730	6.66	571	0.40	0.25	0.29	0.90
P63/1694	Niton XL3t Analyzer	PESO018	MGA94_Zone51	389250	6463400	295	285	1077	7.16	358	0.06	1.03	0.51	0.21

For further information, visit [www.aurochminerals.com](http://www.aurochminerals.com) or contact:

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### Competent Persons Statement

The information in this report that relates to Exploration Results is based on information compiled by Dr. Andrew Tunks and represents an accurate representation of the available data. Dr. Tunks (Member Australian Institute Geoscientists) is the Company's Chief Executive Officer and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dr Tunks consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



## Section 1 Sampling Techniques and Data

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

Criteria	Commentary
<i>Sampling techniques</i>	<ul style="list-style-type: none"> <li>Reconnaissance rock chip sampling was undertaken across the tenements. Sampling targeted quartz veining (altered &amp; ferruginised). Sample size was 2-3 kg per sample.</li> <li>A total of 22 rock chip samples were collected from P63/1646 and P63/1694 and submitted to ALS Laboratories in Kalgoorlie (WA) for gold determination by 50g Fire Assay. Additionally the samples were analysed by portable XRF (Niton XL3t Analyzer). Rock chips were selected by identifying generally quartz rich and/or altered material from around old shafts/workings.</li> <li>No attempt was made to ensure representivity of the rock type sampled. Samples of material most likely to contain gold mineralization were targeted.</li> <li>Soil sample lines are oriented at right angles to the interpreted strike of mineralisation being sampled. A total of 44 soil samples were collected and analysed by portable XRF (Niton XL3t Analyzer) from P63/1646 and P63/1694. Sampling grid was 150m x 50m across the tenements. Holes were excavated to 30 cm depth, with the top 10 cm discarded. The sample was then sieved and the fine fraction (&lt;2.80mm) collected.</li> </ul>
<i>Drilling techniques</i>	<ul style="list-style-type: none"> <li>N/A</li> </ul>
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> <li>N/A</li> </ul>
<i>Logging</i>	<ul style="list-style-type: none"> <li>All rock chip samples were described and lithology recorded, and the majority were photographed.</li> <li>All soil samples were described for: colour, regolith, slope, erosional/depositional environment, and comments.</li> <li>Logging was qualitative and based on visual field estimates.</li> </ul>
<i>Sub-sampling techniques and sample preparation</i>	<ul style="list-style-type: none"> <li>No sub-sampling of rock chip samples. Samples are dried, crushed and pulverised to 85% passing 75 microns. This is considered to appropriately homogenise the sample to allow sub-sampling for assay determination.</li> <li>Soil samples were excavated to 30 cm depth, with the top 10 cm discarded. The sample was then sieved and the fine fraction (&lt;2.80mm) collected.</li> <li>At reconnaissance stage sampling these techniques are wholly appropriate.</li> <li>Senior Geologist present during soil sampling to ensure representative samples taken.</li> <li>Reconnaissance rock chips were not representative. Soil samples were collected across the entire width of the tenement a bid to be representative.</li> <li>2-3 kg is an appropriate sample size for rock chip samples targeting</li> </ul>

Criteria	Commentary
	gold mineralisation.
<i>Quality of assay data and laboratory tests</i>	<ul style="list-style-type: none"> <li>A total of 44 soil samples and 22 rock chip samples were collected and analysed by portable XRF (Niton XL3t Analyzer). Samples were analysed using "Test All Geo" mode for a duration of 60 seconds, which is suitable for rapid analysis of major, minor, and trace elements in geologic samples. The portable XRF reported 45 elements for each sample.</li> <li>22 rock chip samples were submitted to ALS Laboratories in Kalgoorlie (WA) for gold determination by 50g fire assay with AAS finish (method Au-AA26).</li> <li>No standard, duplicate or blank samples were inserted for reconnaissance rock chip sampling. During soil sampling a Certified Reference Sample was analysed at the start and end of each day.</li> </ul>
<i>Verification of sampling and assaying</i>	<ul style="list-style-type: none"> <li>N/A</li> <li>All field data is manually collected, entered into excel spreadsheets by Auroch staff, then validated and loaded into an Access database by Chief Geologist. Electronic data is stored on shared server (DropBox). Data is exported from Access for analysis and map making in MapInfo and Micromine. All electronic data is routinely backed up. No hard copy data is retained.</li> </ul>
<i>Location of data points</i>	<ul style="list-style-type: none"> <li>Rock chip &amp; soil sample locations were picked up by handheld Garmin GPSmap 64.</li> <li>The preferred co-ordinates system used was MGA94 (Zone 51).</li> <li>Topographic control was from Garmin GPSmap 64. This is adequate for locating reconnaissance rock chip and soil samples.</li> </ul>
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <li>Reconnaissance rock chips are not spaced regularly, but controlled by outcrop location and degree of exposure.</li> <li>Soil sample locations are on 150m x 50m spacing and were designed to intersect mineralisation at an optimum angle.</li> </ul>
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> <li>Reconnaissance rock chips are not spaced regularly, but controlled by outcrop location and degree of exposure.</li> <li>Soil sample locations are on 150m x 50m spacing and were designed to intersect the trend of mineralisation at an optimum angle.</li> </ul>
<i>Sample security</i>	<ul style="list-style-type: none"> <li>Rock chip samples were stored at accommodation nightly. At the end of the program, the 2-3 kg calico bags were placed in large plastic bags (10 per bag), clearly labeled, and delivered to ALS Laboratory in Kalgoorlie (WA) by Auroch staff.</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li>No reviews or audits have been conducted to this point.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>P63/1646 Beete Gold Project is located approximately 55 kilometres south of Norseman, with P63/1694 Peninsula Gold Project located approximately 27 kilometres north of Norseman.</li> <li>Prospecting licenses P63/1646 &amp; P63/1694 are 100% owned by</li> </ul>

Criteria	Commentary
	Auroch.
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li>• P63/1646 <ul style="list-style-type: none"> <li>○ Gold was first discovered by H. Elderidge in 1958 and was mined during the late 1950's intermittently until 1976. The total recorded production in the period following 1974 was 2,816 tonnes of ore for an average grade of 24.8g/t Au for a total of 2,300 ounces of gold. shafts, dipping to the east, in a line to the south of the decline.</li> <li>○ J &amp; L MORTON– 1993 TO 1997: channel sampling reporting up to a maximum of 135g/t Au. Numerous costeans south of the mine area.</li> <li>○ PAN AUSTRALIA EXPLORATION PTY LTD – 1997 TO 2002: geochemical samples during 1998 to identify targets.</li> <li>○ From 2002 there had been a program of RC drilling and RAB drilling completed on the tenement. Elevated gold values were found to be in a soil anomaly, and in saprock and fresh rock from a strike length of 1500 metres and an average of 70 metres wide.</li> </ul> </li> <li>• P63/1694 <ul style="list-style-type: none"> <li>○ The Peninsula mine started in the late 1800's. and intermittently throughout the 1900's. Small scale open cut and underground mining has been. A trial open pit mining operation yielding a total of 424 tonnes of ore at 2.14 g/t Au. A decline was developed by central Norseman Gold Corporation Limited (CNGC) at the southern end of the project. A total of 495 tonnes at 1.62 g/t Au was mined.</li> <li>○ CNGC drilled a total of 44 rotary percussion, reverse circulation and diamond drill holes for 3,695m. CNGC calculated a reserve of 30,300 tonnes at 11.3 g/t for 11,413 ounces contained gold (non-JORC).</li> <li>○ Australis Mining reassessed the CNGC data in 1984 and estimated a reserve of 36,000 tonnes at 8.2 g/t for 9,840 ounces contained gold (non-JORC).</li> <li>○ Australis Mining Limited completed 15 RAB holes for 452 metres in 1984.</li> </ul> </li> </ul>
<i>Geology</i>	<ul style="list-style-type: none"> <li>• Exploration and mining has been conducted on Archaen lode style gold mineralisation.</li> </ul>
<i>Drill hole Information</i>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<i>Data aggregation</i>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<i>Mineralisation widths and intercept lengths</i>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<i>Diagrams</i>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <li>• All results for rock chip and soil sampling programs has been reported above either in the text, or as an Appendix.</li> </ul>
<i>Other data</i>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
<i>Further work</i>	<ul style="list-style-type: none"> <li>• Dependant on results of September 2016 exploration programs.</li> </ul>