ASX ANNOUNCEMENT
18 November 2021

Alderan's drill data review highlights Drum's gold potential

HIGHLIGHTS

- **Alderan's review of historical drilling at the Drum Gold Mine at its Detroit Project, Utah has highlighted the potential for high grade extensions.**
  - **Remnant gold mineralisation occurs below both the East and West pits.**
  - **Mineralisation is open along strike and down dip to the south and southwest of both pits.**
  - **High-grade gold was intersected in drill holes approximately 175m southwest of the West Pit mined ore.**
  - **Structurally controlled high-grade zones occur within and peripheral to both pits and will be a key focus of Alderan's exploration.**
  - **The southwest dipping ore horizon mined in the East Pit was not drill tested below the West Pit.**
- **Drum has a strong gold mineralised footprint that has received no modern exploration since mining ceased in 1989.**
- **Alderan is planning in-pit rock sampling, structural mapping, magnetics and drilling at Drum with potential to expand its current Detroit drill programme to Drum, dependent on results.**

Alderan Resources Limited (ASX: AL8) (**Alderan** or the **Company**) is pleased to announce results of a review of historical drilling on the Drum Gold Mine ("Drum") within its Detroit Project, located in the Drum Mountains region of western Utah, USA.

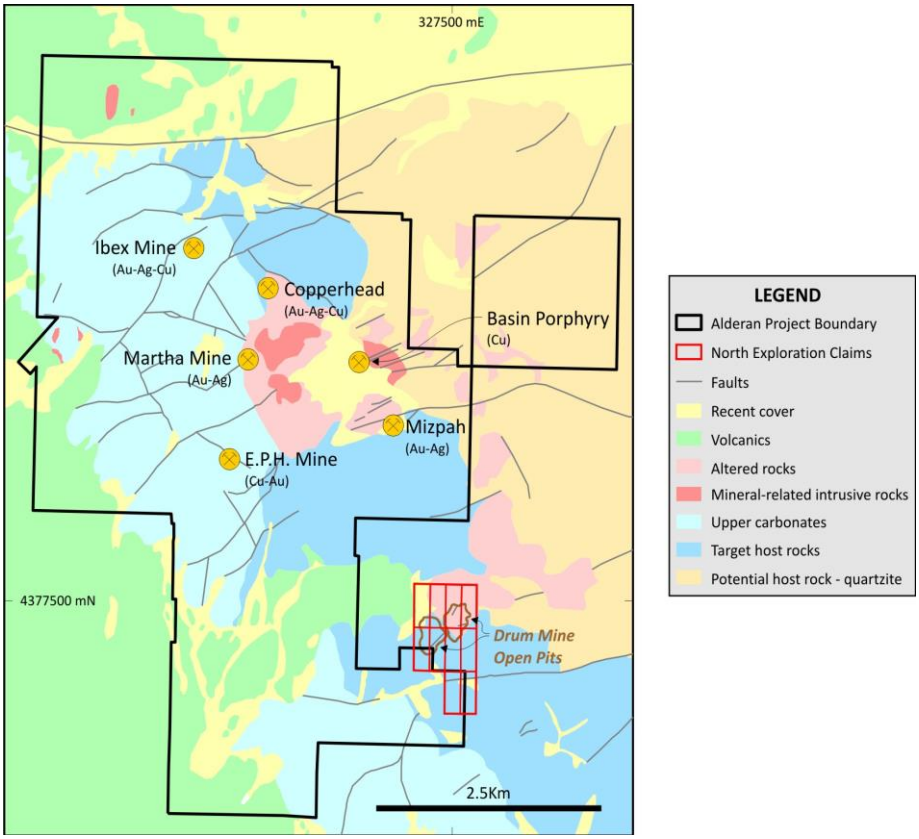

Figure 1: *Detroit project geology showing location of Drum Gold Mine leases.*

Drum was discovered in 1982 with a drill intercept of 15m grading 8.5g/t gold and was mined from the adjacent East and West pits between 1984-891. Over its six-year mine life, it reportedly produced 125,000oz of gold from 3.17 million tonnes of oxide ore grading 1.22g/t gold. Towards the end of its life, a small underground operation was developed in the West Pit which produced mined grades of +4g/t gold.

Alderan's review has verified Drum's historical production and strongly supports the potential for remnant gold mineralisation below the pits plus down dip and along strike extensions to the historical deposit.

Alderan has a consolidated exploration area at Detroit covering 25.5km^2 through a series of option agreements with tenement owners.

1 Krahulec, K.: *Sedimentary rock-hosted gold and silver deposits in the Northeast Basin and Range, Utah;* Utah Geol Survey; Jan 2011.

The Drum Gold Mine option recently secured with North Exploration LLC, covers the historical Drum East and West open pits. The Drum Gold Mine leases have received no modern exploration since mining ceased in 1989.

Alderan commenced a 10 hole (3,000m) drilling programme at Detroit in October 2021, designed to test seven copper and gold targets highlighted by Alderan's exploration at Detroit. Drill holes at Drum will be added to the current programme pending the results of Alderan's planned exploration.

Alderan Managing Director Scott Caithness said:

"Drum Gold Mine is an exciting prospect. Alderan's review of the Drum historical drilling at Detroit has highlighted its potential for significant remnant gold mineralisation plus down dip and along strike extensions to the historically mined deposits. It is particularly encouraging to see high grade gold intersected in drillholes 175m down dip to the southwest of the mined West Pit ore.

Alderan's next steps at Drum will be to carry out in-pit rock sampling, structural and geological mapping and a magnetic geophysical survey. Drilling at Drum is also planned in Q1 2022 pending Alderan's exploration results and permits being received with the drill site permitting process already underway."

Drum Gold Mine Historical Drilling Review

Alderan has completed a review of the available historical and drilling data over the Drum Gold Mine, located in the southeast of the Company's Detroit project area, to assess its potential to host an economic gold deposit. Drum lies approximately 2.5km south-southeast of the Mizpah gold deposit which has been a focus of recent Alderan exploration.

The Drum Gold Mine (also referred to as Yellow Cat) is the largest historical mine in the Detroit District and was one of the most productive and economically important, sediment-hosted gold deposits in Utah.

The deposit lies between two east-northeast trending faults in Middle Cambrian age limestones and clastic sediments which dip gently west-southwest. Mineralisation is focused along bedding parallel and sub-parallel and high angle northeast trending faults associated with siliceous and argillic altered shale and limestone. Thin intrusive sills, dykes and pebble dykes are common.

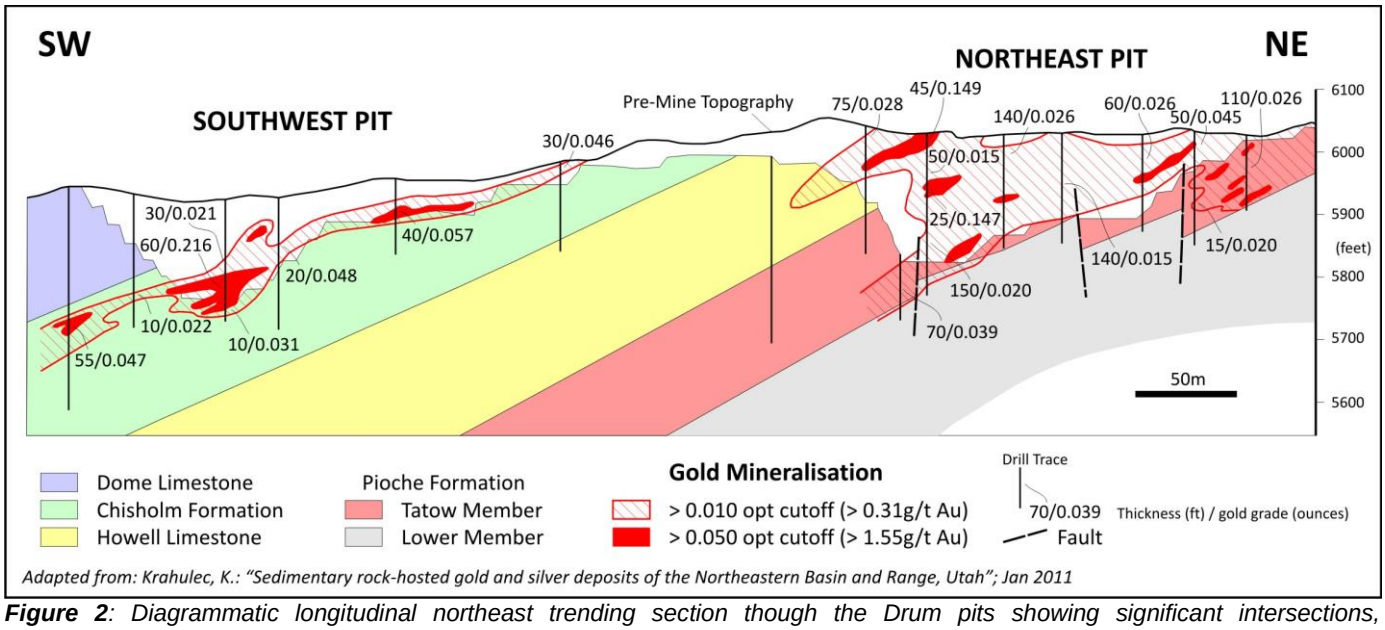

***Figure 2**: Diagrammatic longitudinal northeast trending section though the Drum pits showing significant intersections, mineralisation, pit outlines and geology; view looking northwest.*

The mine pits are both elongated north-south and approximately 400m long, 240m wide and 60m deep. Reports indicate that prior to mining the East Pit area was covered by jasperoid containing gold grading less

than 0.7g/t gold. This pit contained ore up to 35m thick with an overall grade of 1.2g/t gold. Mining at Drum began in the East Pit with West Pit ore generally thinner (<12m) but a higher average grade of 1.7g/t gold.

Alderan has reviewed data from 404 holes drilled on an approximate 20m x 20m grid into and around the Drum deposit in the 1980s. This historical drilling was to delineate a near-surface oxide gold deposit. The average depth of the drill holes was approximately 49m, with only 11 holes drilled to over 100m (maximum hole depth 153.9m). Samples were dominantly collected at 5ft (1.54m) intervals down the holes, however a small number of holes drilled outside the pit boundaries were sampled at 10ft (3.08m) intervals.

A total of 5,425 samples were analysed by either fire assay or AAS. The highest individual assay graded 38.6g/t gold and 24 holes ended in anomalous grades of more than 0.5g/t gold. No quality assurance and quality control information is available for the sample analysis, hence these assays are regarded by Alderan as indicative of exploration potential only. The location of the drill holes is shown in Figure 3 and the relevant drill hole information is in Appendix 1 and 2.

Discussion of Results

Alderan used this historical drill hole information and assays to develop a 3D model of the gold distribution at Drum. This model suggests the following:

- Drum has exploration potential for 1.2-1.5 million tonnes of remnant mineralisation at a grade of 1.1-1.4g/t gold (42,000-67,000 ounces). It should be noted that this exploration potential quantity and grade is conceptual in nature, that there has been insufficient exploration to estimate a Mineral Resource and that it is uncertain if further exploration will result in the estimation of a Mineral Resource.
- Drum mineralisation remains open along strike to the south and down dip to the southwest where drill holes include YC-174 which intersected 15.2m grading 4.5g/t gold (including 6.1m at 10.3g/t Au) which is 75m from the West Pit boundary and 150m from historical ore.
- The ore horizon (Tatow Member of Pioche Formation) mined in the East Pit remains open down dip to the southwest and has not been drill tested below the West pit.
- Drum has both long and high grade historical drill intercepts. The longest intercept grading not less than 1.0g/t gold is 70.1m in hole DM-9 and the highest grade individual assay over a 5ft sample interval is 38.8g/t gold. Significant intersections include:

Hole	From (m)	To (m)	Length (m)	Gold Grade (g/t)
YC-58A	13.7	27.4	13.7	6.4
includes	16.7	21.3	4.6	18.1
YC-60	9.1	33.5	24.4	2.7
includes	18.3	25.9	7.6	7.6
YC-113A	19.8	42.7	22.9	5.0
includes	27.4	36.6	9.1	10.8
YC-169	25.9	61.0	35.1	4.3
includes	35.1	53.3	18.3	7.7
YC-174	73.2	88.4	15.2	4.5
YC-242	30.5	68.6	38.1	3.2
includes	45.7	60.9	15.2	6.4
YC-250	53.3	62.5	9.1	5.5

- The block model mined ore at Drum is consistent with historical records and estimated to be approximately 6% higher at 3.1Mt grading 1.3g/t containing 133,000 oz gold.

Figure 3 below shows the block model draped over Alderan's recently acquired digital terrain model of the Drum mine area. It highlights that there are two sub-parallel southwest-northeast trending higher grade zones, one on the northern side of the pits and one on the southern side. These zones are parallel with the sub-vertical King Tut Fault which is noted in historical reports as a key control on mineralisation and trends along the south eastern edge of the pits.

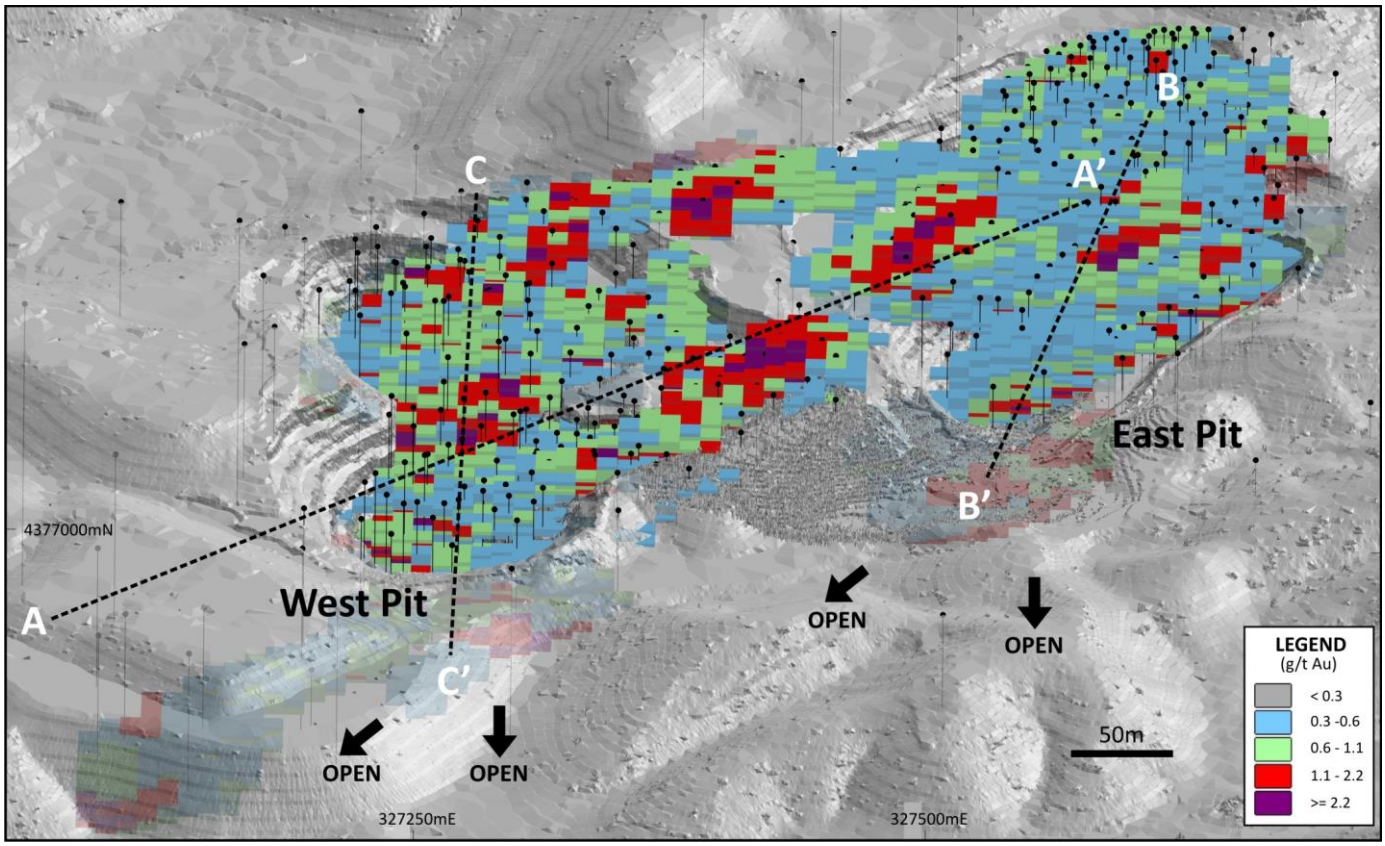

Figure 3: *Oblique view from south of Drum Gold Mine 3D block model on digital terrain model showing historical drill holes and section lines. Mineralisation can be seen subsurface extending below both pits and open to the south and southwest. The block model has been estimated from the historical (1980's) drill hole data applying Multiple Indicator Kriging technique. The waste blocks which grade lower than 0.1g/t gold are not shown.*

Figures 4 and 5 below are northeast-southwest long sections (A-A') through the East and West pits of the Drum mine. Figure 4 shows the drill holes and gold mineralised intersections used to develop the block model. Significant gold (+1.0g/t Au) intersections can be seen immediately outside the historical pit boundaries to the southwest of each pit. High grade gold also occurs in holes drilled 175m to the southwest of the historic ore in the West Pit with an intersection of 15.2m grading 4.5g/t Au from 73.2m downhole in hole YC-174. This highlights that the mineralisation is open down dip to the southwest.

Figure 5 shows the block model developed using the historical drill data. This model again highlights the high grade gold mineralisation extending to the southwest of both open pits suggesting that the deposit is open. It also demonstrates that the mineralisation occurs in two parallel stratigraphic horizons which dip 20-30 degrees to the southwest. These horizons are interpreted to be the favourable Middle Cambrian Tatow member of the Pioche Formation and younger Middle Cambrian Chisholm Formation which both consist of interbedded fine grained calcareous clastic sediments and limestones. They both range in thickness from 50-70m and are separated by the 50-70m thick Howell Limestone. It is evident that the East Pit's mineralised Tatow member has been inadequately drilled down dip to the southwest of the East Pit.

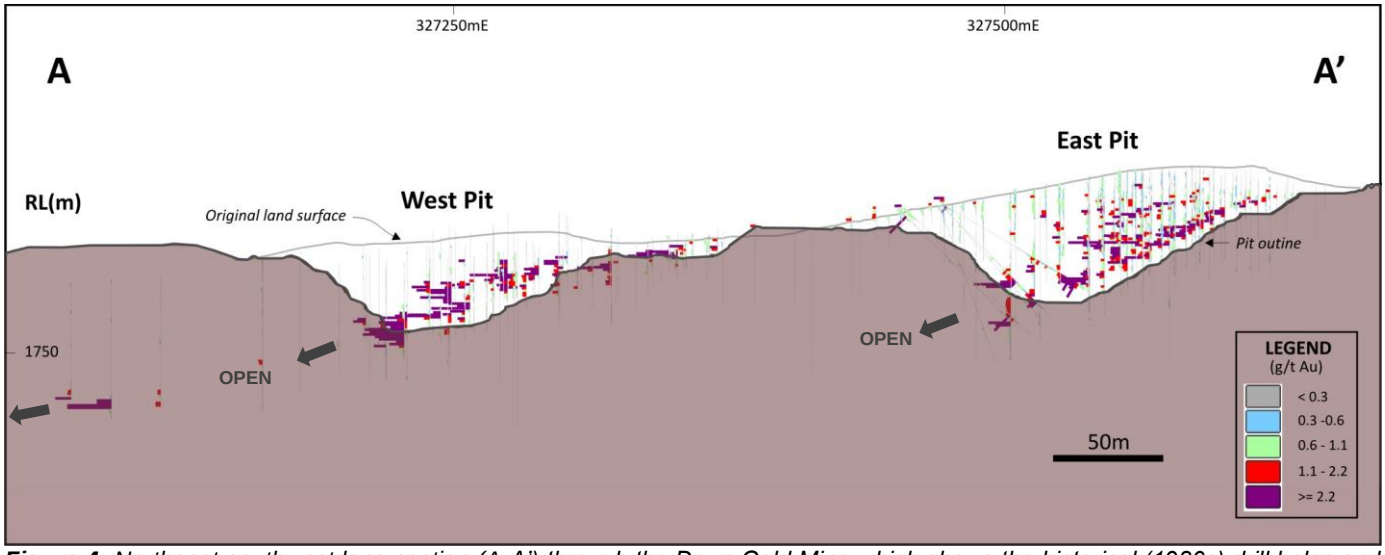

Figure 4: *Northeast-southwest long section (A-A') through the Drum Gold Mine which shows the historical (1980s) drill holes and gold intersections and the East and West open pits.*

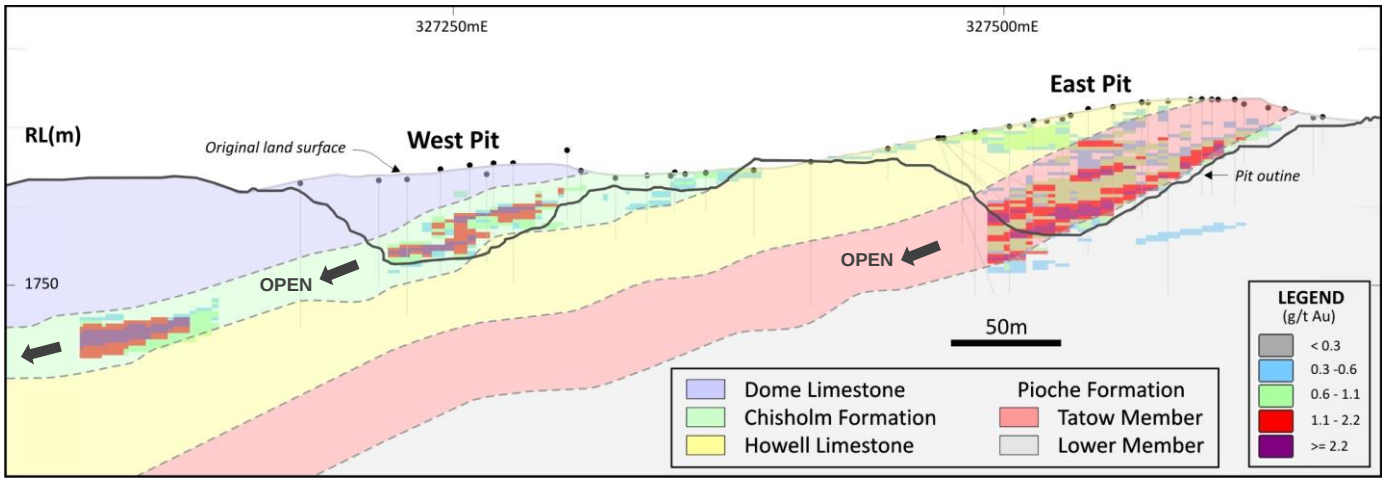

Figure 5: *Northeast-southwest long section (A-A') showing the Drum Gold Mine block model based on historical (1980s) drill holes and Alderan's interpreted geology. The modelled gold mineralisation extends below and to the southwest of the historical pit boundaries indicating potential for remnant mineralisation. Also, the mineralisation is modelled within two separate stratigraphic horizons, the Tatow Member of the Pioche Formation and the Chisholm Formation which dip approximately 20-30 degrees to the southwest. The Tatow has not been adequately drilled down dip to the southwest of the East Pit.*

Figures 6 and 7 are north-south cross sections (B-B') through the East Pit which reportedly mined higher tonnage but lower grades than the West Pit. Figure 6 shows the historical drill holes and gold mineralised intersections used to develop the block model. Significant gold (+1.1g/t Au) intersections can be seen immediately to the south of the historical pit boundary suggesting that the mineralisation is open in this direction.

Figure 7 shows the block model developed from the historical drill holes in Figure 6. The model suggests that there were three higher grade horizons interbedded with lower grade ore that was mined in the East pit. The mineralisation extends outside the pit boundary to the south and remains open in this direction

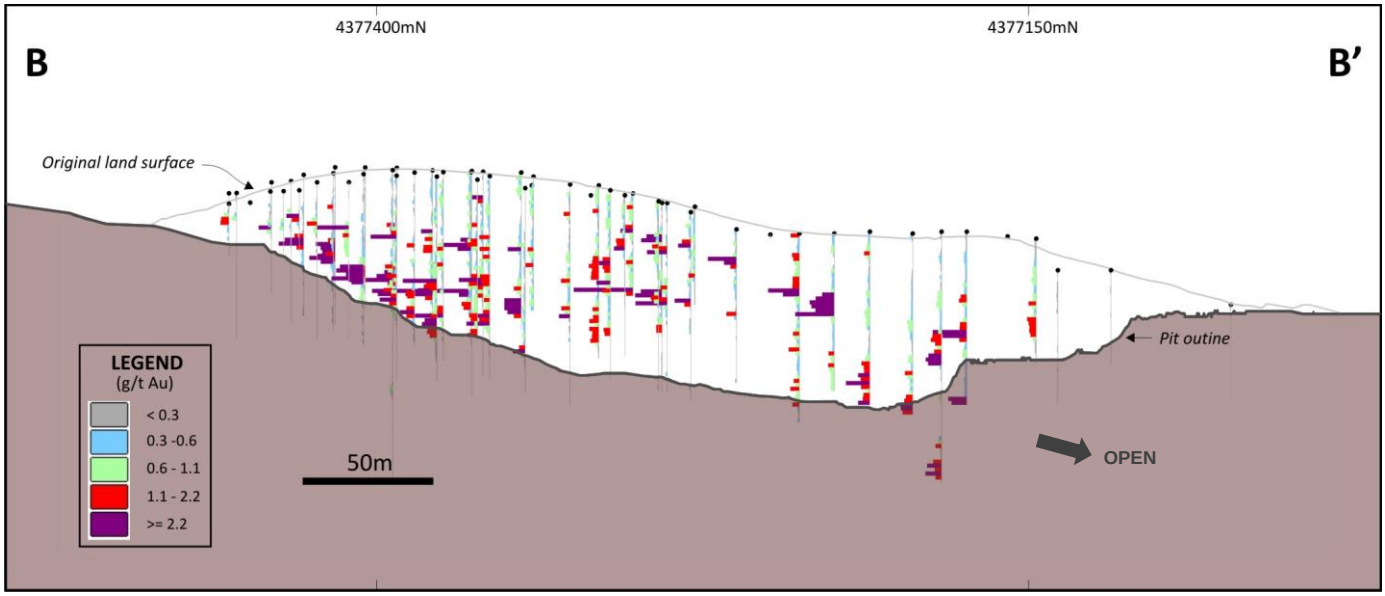

Figure 6: *North-south cross section (B-B') through East Pit showing historical (1980s) drillhole traces and downhole gold assays. There are intersections below the pit at its southern end indicating that the gold mineralisation is open to the south.*

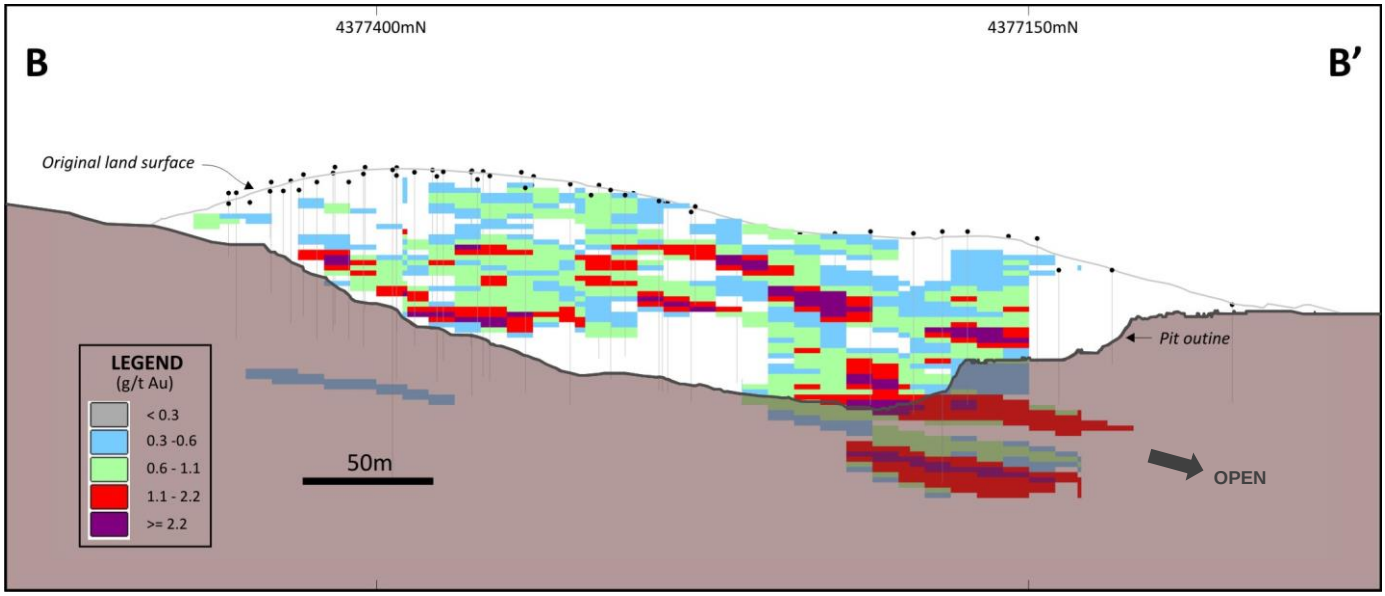

Figure 7: *North-south cross section (B-B') through the East Pit showing historical (1980s) drill hole traces and the block model. The block modelling suggests that remnant +1g/t gold mineralisation occurs below the bottom of the pit at its southern end.*

Figures 8 and 9 are north-south cross sections (C-C') through the higher grade West Pit. Figure 8 shows the historical drill holes and gold mineralised intersections used to develop the block model in Figure 9. Significant gold (+2.2g/t Au) intersections can be seen immediately to the south of the historical pit boundary suggesting that the mineralisation is open in this direction.

Figure 9 shows the block model developed from the historical drill holes. The model suggests that the mined ore horizon in the West Pit was thicker and higher grade than in the East Pit. As with the East Pit however, the mineralisation extends outside the pit boundary to the south and remains open in this direction.

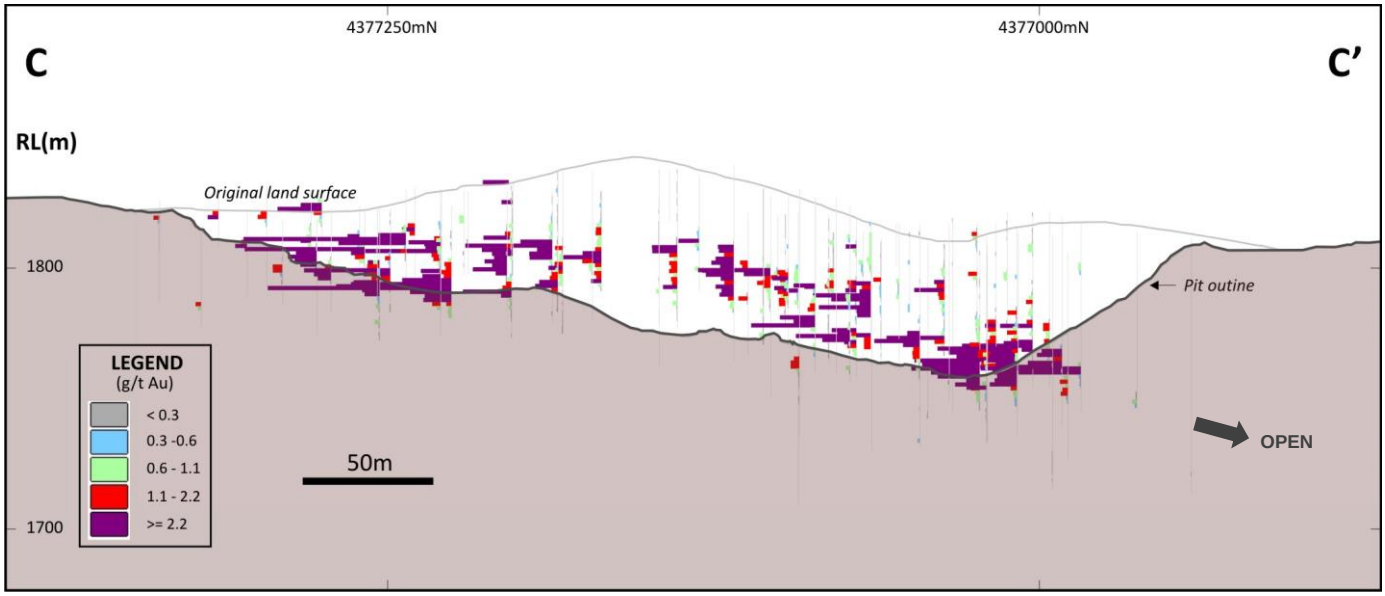

Figure 8: *North-south cross section (C-C') through the West Pit showing historical drill hole traces and gold assay bars. There are +2.2g/t gold intersections below the bottom of the pit at its southern end suggesting that the gold mineralisation is open to the south.*

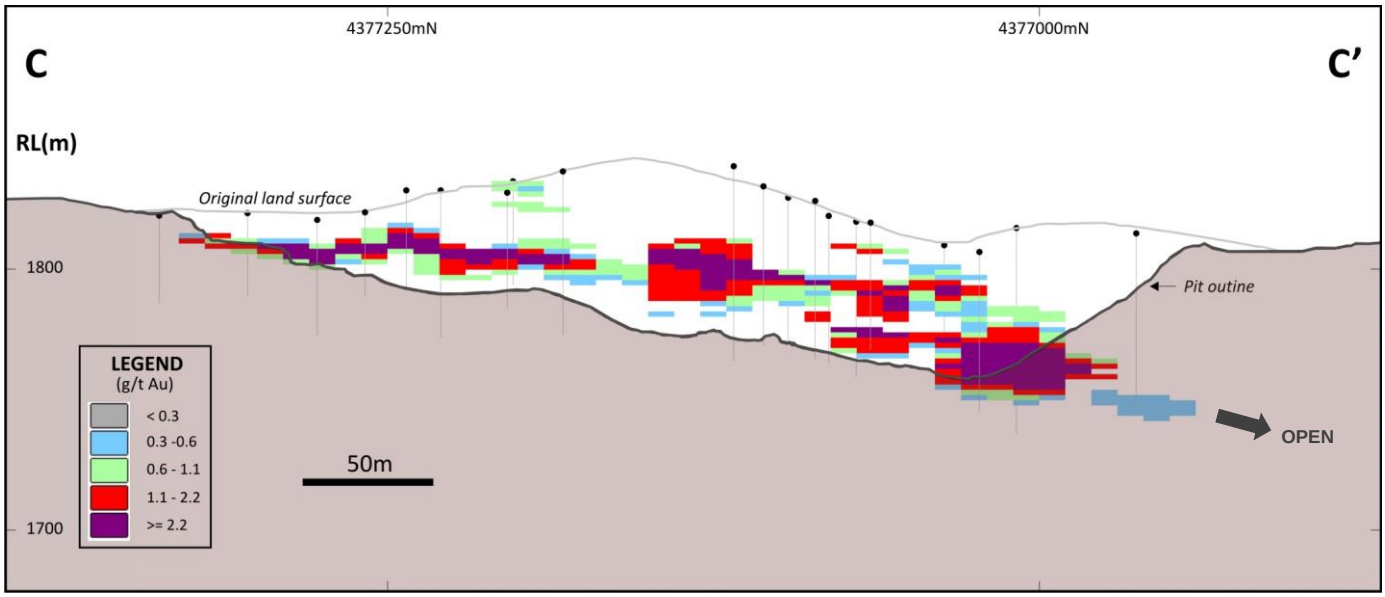

Figure 9: *North-south cross section (C-C') through the West Pit showing historical (1980s) drill hole traces and the block model. The block modelling suggests that remnant +2.2g/t gold mineralisation occurs below the southern end of the pit and is open to the south.*

Figures 10 and 11 are photographs of the West and East pits respectively. Figure 10 shows a structural interpretation of the northwest pit wall in the West Pit where low angle faults are observed intersecting subvertical faults. The intersections of the structures give the impression of a series of steps in the low angle faults. These intersections are priority target zones for high grade gold as can be seen in the trace of historical hole YC-113 which intersected a zone of 15.2m grading 5.3g/t from 24.4m down the hole.

Figure 11 shows the stratigraphy and alteration in the northwest wall of the East Pit. The Tatow member of the Pioche Formation, which consists of limestone and shale, was the major source of historical gold production in this pit. It has undergone significant advanced argillic and siliceous alteration and its contacts with the underlying Pioche phyllite and overlying Howell limestone can be clearly seen. The Tatow has a thickness of 50-70m.

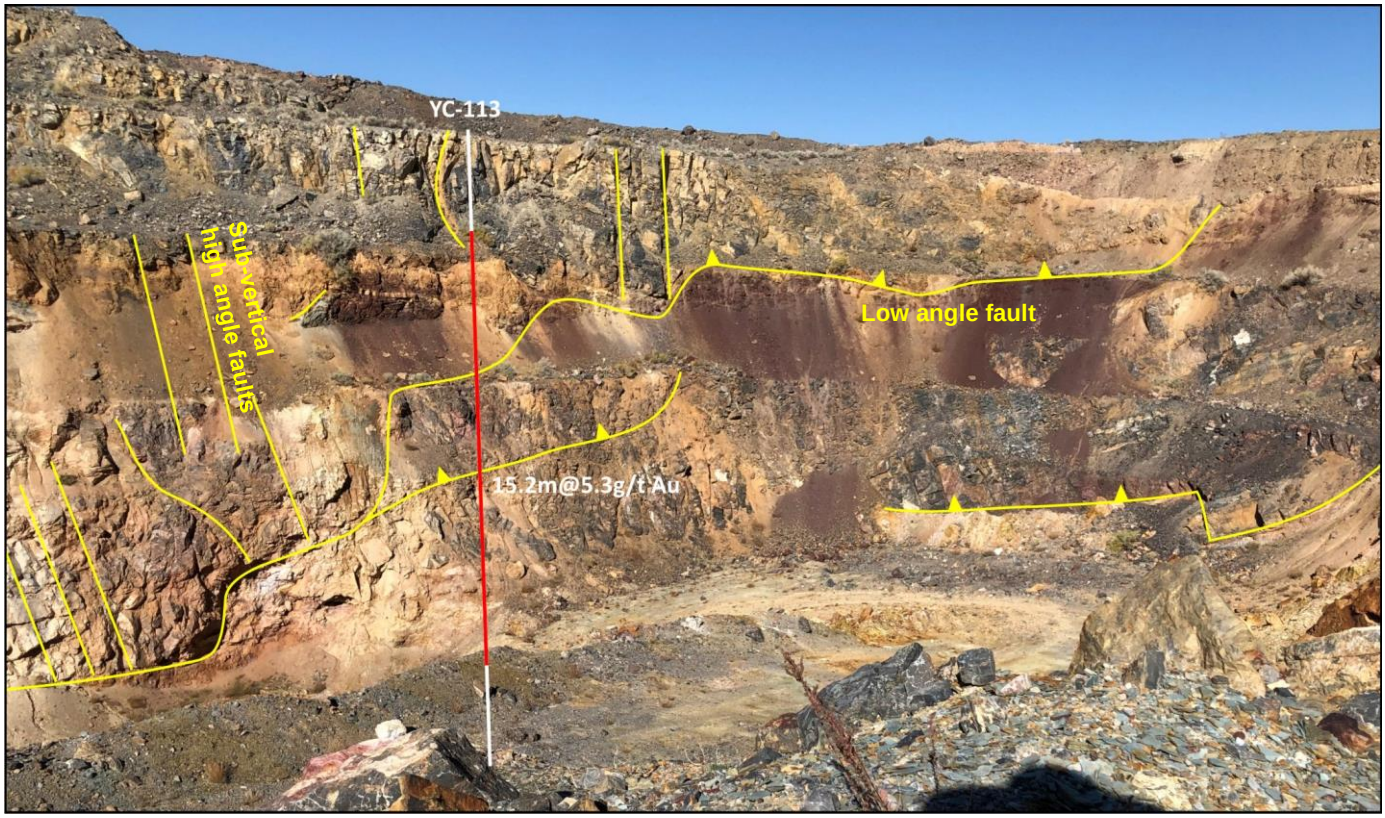

Figure 10: *Drum West Pit looking northwest; historic high grades are localised along the intersections of high and low angle faults within favourable stratigraphy.*

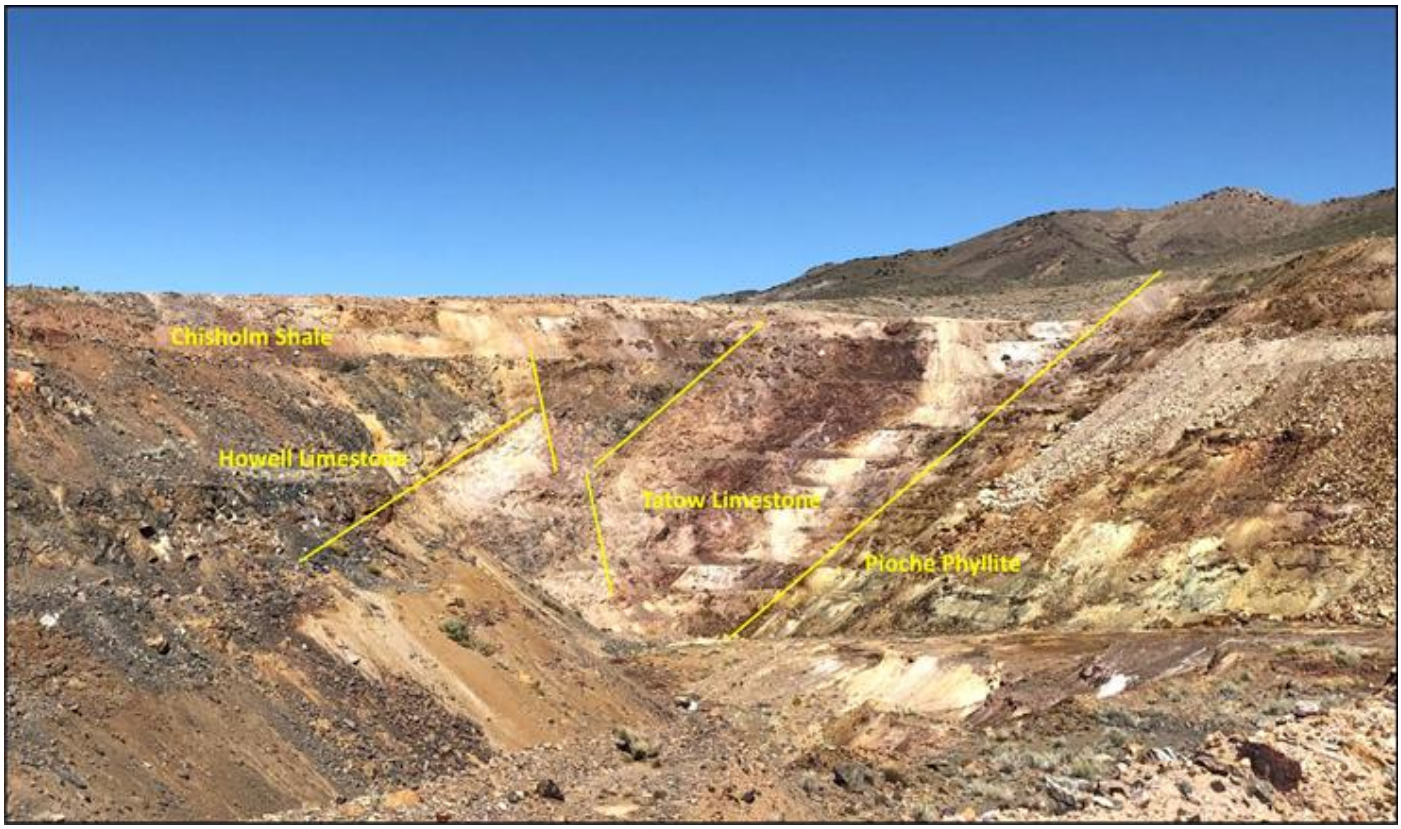

Figure 11: *Drum East Pit looking northwest; advanced argillic and siliceous alteration of the Tatow member limestone and shale.*

Next Steps

Alderan's review of the historical drilling at Drum indicates the disseminated gold mineralisation of the deposit is both stratiform and structurally controlled. It also highlights that there is remnant mineralisation on the margins of the pits, the mineralisation in both pits remains open along strike to the south and down dip to the southwest and the mined mineralised horizon in the East Pit has not been drill tested below the West Pit.

Alderan's next steps will include in-pit bench rock sampling to confirm the presence of remnant mineralisation plus structural and geological mapping to identify high potential structural zones in favourable stratigraphy. A magnetic geophysical survey will also be carried out to assist with the structural and geological mapping and interpretation. An induced polarization geophysical survey will be considered depending on the results of the earlier work.

Drill site selection and permitting will be undertaken to allow Alderan the option to extend the current Detroit drilling programme to Drum towards the end of Q1 2022, dependent on further results.

Detroit Project

The Detroit Project is one of four projects held by Alderan (Figure 12) in the state of Utah, USA. It lies within the Detroit Mining District, approximately 175km southwest of Salt Lake City, and contains numerous historical copper, gold and manganese mines. The district has been explored for copper and gold in the past by major mining companies such as Anaconda Copper, Kennecott, Newmont, BHP and Freeport-McMoRan but no one company was able to build a significant contiguous land position to enable district-wide modern exploration. The United States Geological Survey (**USGS**) has also explored the area, sampling extensive mineralised jasperoids.

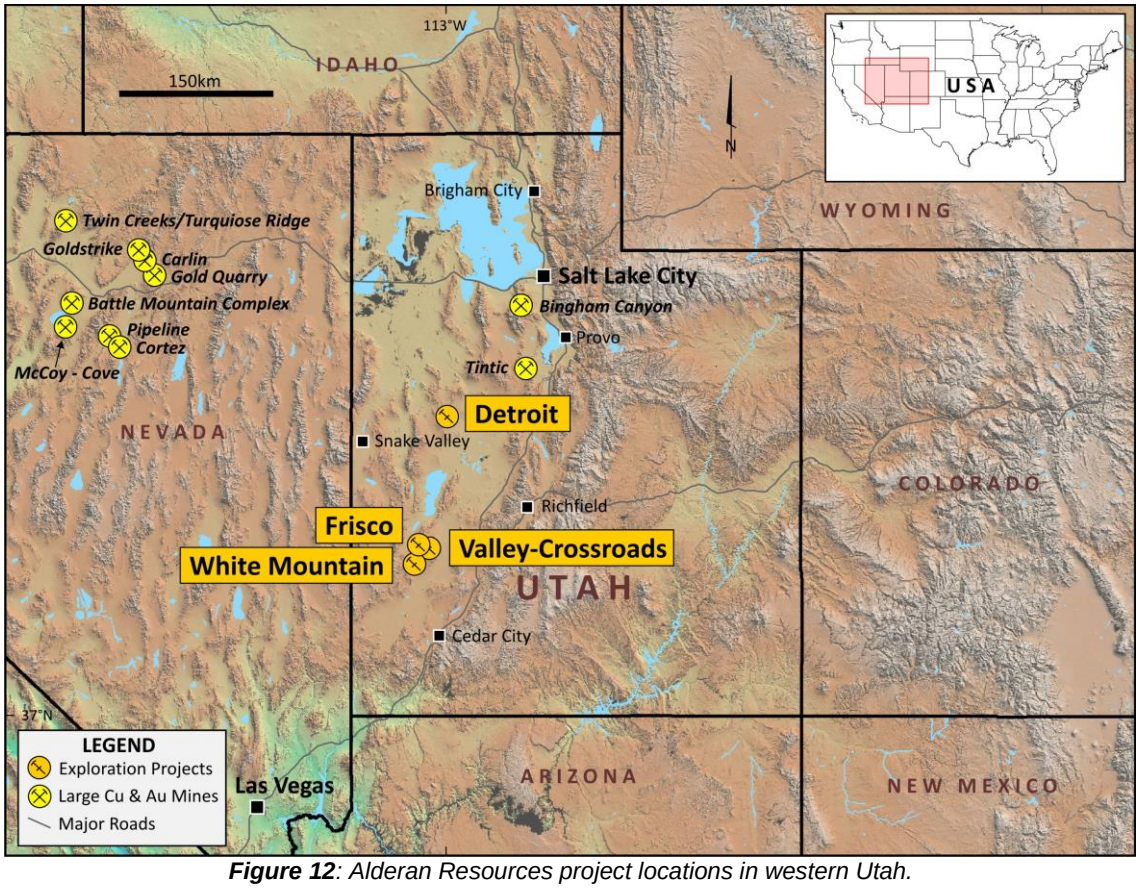

***Figure 12**: Alderan Resources project locations in western Utah.*

ENDS

This announcement was authorised for release by the Board of Alderan Resources Limited.

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Competent Persons Statement

The information contained in this announcement that relates to new exploration results is based on, and fairly reflects, information compiled by Dr Marat Abzalov, who is a Fellow of the Australian Institute of Mining and Metallurgy. Dr Abzalov is a consultant to Alderan and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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 Abzalov consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

The information in this announcement that relates to historical exploration results were reported by the Company in accordance with listing rule 5.7 on 30 September 2020, 15 October 2020, 19 November 2020, 22 February 2021, 8 March 2021, 11 May 2021, 9 June 2021, 21 July 2021, 24 August 2021, 1 September 2021, 21 September 2021, 30 September 2021, 15 October 2021 and 12 November 2021. The Company confirms it is not aware of any new information or data that materially affects the information included in the previous announcements.

Appendix 1: Location and characteristics of the mineralised intersections defined using the Au ≥ 0.2g/t as the lower cut-off value for historical drilling.

Hole ID	Easting	Northing	Elevation (m)	Mineralised intersections			
				From (m)	To (m)	Length (m)	Au (g/t)
DM-1	327565.3	4377339.3	1854.5	3.0	16.8	13.7	0.6
DM-1	327565.3	4377339.3	1835.5	19.8	38.1	18.3	0.7
DM-1	327565.3	4377339.3	1818.7	39.6	51.8	12.2	0.6
DM-10	327608.2	4377255.7	1819.6	0.0	24.4	24.4	0.8
DM-100	327516.3	4377246.4	1818.4	0.0	3.0	3.0	0.6
DM-101	327602.9	4377429.9	1847.5	10.7	24.4	13.7	0.8
DM-101	327602.9	4377429.9	1836.1	27.4	30.5	3.0	0.3
DM-102	327613.3	4377441.2	1850.5	9.1	15.2	6.1	0.4
DM-103	327601.6	4377442.1	1842.8	13.7	24.4	10.7	0.9
DM-104	327590.3	4377438.3	1844.7	15.2	19.8	4.6	1.5
DM-105	327578.2	4377432.6	1851.2	10.7	12.2	1.5	0.8
DM-106	327563.4	4377424.7	1847.7	7.6	21.3	13.7	0.7
DM-107	327552.8	4377413.8	1840.1	15.2	29.0	13.7	1.5
DM-108	327543.0	4377401.2	1848.9	12.2	13.7	1.5	0.5
DM-108	327543.0	4377401.2	1836.7	19.8	30.5	10.7	0.6
DM-108	327543.0	4377401.2	1825.3	32.0	41.1	9.1	0.9
DM-109	327531.6	4377411.3	1856.0	0.0	3.0	3.0	0.9
DM-109	327531.6	4377411.3	1841.6	15.2	16.8	1.5	0.9
DM-11	327541.4	4377210.9	1837.0	0.0	12.2	12.2	0.6
DM-11	327541.4	4377210.9	1817.2	13.7	38.1	24.4	0.6
DM-11	327541.4	4377210.9	1789.7	39.6	67.1	27.4	1.3
DM-110	327522.4	4377397.8	1854.5	0.0	6.1	6.1	0.7
DM-110	327522.4	4377397.8	1848.4	7.6	10.7	3.0	0.3
DM-110	327522.4	4377397.8	1843.8	12.2	15.2	3.0	0.3
DM-111	327520.3	4377383.8	1854.0	3.0	4.6	1.5	0.5
DM-111	327520.3	4377383.8	1845.7	6.1	18.3	12.2	0.6
DM-111	327520.3	4377383.8	1819.8	36.6	39.6	3.0	0.3
DM-114	327490.6	4377358.2	1773.4	74.7	77.7	3.0	0.6
DM-114	327490.6	4377358.2	1768.8	79.2	82.3	3.0	0.3
DM-117	327563.1	4377437.9	1845.8	10.7	15.2	4.6	0.7
DM-12	327534.9	4377173.8	1809.5	0.0	67.1	67.1	0.9
DM-120	327597.3	4377454.0	1847.3	6.1	15.2	9.1	0.9
DM-121	327604.4	4377456.4	1849.2	6.1	10.7	4.6	0.6
DM-122	327611.6	4377456.9	1849.8	6.1	9.1	3.0	0.4
DM-123	327619.1	4377456.3	1850.6	6.1	7.6	1.5	1.0
DM-127	327604.0	4377399.9	1853.6	12.2	15.2	3.0	0.2
DM-127	327604.0	4377399.9	1833.0	27.4	41.1	13.7	1.0
DM-128	327589.4	4377336.1	1862.1	0.0	3.0	3.0	0.3
DM-128	327589.4	4377336.1	1829.3	12.2	56.4	44.2	0.7
DM-13	327633.5	4377291.3	1824.7	3.0	13.7	10.7	0.5
DM-13	327633.5	4377291.3	1814.8	15.2	21.3	6.1	0.5
DM-13	327633.5	4377291.3	1808.0	22.9	27.4	4.6	0.3
DM-130	327493.7	4377283.2	1835.4	6.1	9.1	3.0	0.4
DM-130	327493.7	4377283.2	1830.8	10.7	13.7	3.0	0.4
DM-130	327493.7	4377283.2	1824.0	15.2	22.9	7.6	0.4
DM-131	327482.9	4377276.2	1841.4	0.0	3.0	3.0	0.6
DM-134	327564.5	4377277.6	1849.1	0.0	3.0	3.0	0.3
DM-134	327564.5	4377277.6	1839.2	4.6	18.3	13.7	0.9
DM-134	327564.5	4377277.6	1820.9	22.9	36.6	13.7	0.8
DM-134	327564.5	4377277.6	1806.4	41.1	47.2	6.1	0.3
DM-14	327509.9	4377222.2	1821.5	0.0	3.0	3.0	1.6

DM-15	327523.1	4377346.8	1844.2	1.5	21.3	19.8	0.6
DM-15	327523.1	4377346.8	1829.7	24.4	27.4	3.0	1.0
DM-15	327523.1	4377346.8	1815.2	36.6	44.2	7.6	0.8
DM-16	327519.5	4377307.0	1851.4	1.5	3.0	1.5	0.4
DM-16	327519.5	4377307.0	1847.6	4.6	7.6	3.0	0.2
DM-16	327519.5	4377307.0	1840.7	9.1	16.8	7.6	0.3
DM-16A	327529.3	4377297.1	1846.6	0.0	12.2	12.2	0.7
DM-16B	327524.8	4377300.9	1848.5	0.0	10.7	10.7	0.3
DM-17	327551.6	4377363.5	1852.6	9.1	12.2	3.0	0.3
DM-17	327551.6	4377363.5	1847.2	13.7	18.3	4.6	0.6
DM-17	327551.6	4377363.5	1822.8	19.8	61.0	41.1	1.0
DM-18	327608.7	4377382.7	1855.9	9.1	12.2	3.0	0.3
DM-18	327608.7	4377382.7	1851.4	13.7	16.8	3.0	0.3
DM-18	327608.7	4377382.7	1839.9	18.3	35.1	16.8	0.7
DM-18	327608.7	4377382.7	1829.3	36.6	38.1	1.5	0.5
DM-19	327608.3	4377415.9	1860.3	6.1	9.1	3.0	0.2
DM-19	327608.3	4377415.9	1852.6	10.7	19.8	9.1	0.4
DM-19	327608.3	4377415.9	1843.5	21.3	27.4	6.1	0.6
DM-2	327619.8	4377357.9	1852.6	6.1	9.1	3.0	0.6
DM-2	327619.8	4377357.9	1835.1	13.7	36.6	22.9	1.1
DM-2	327619.8	4377357.9	1810.7	47.2	51.8	4.6	0.6
DM-20	327639.7	4377414.3	1855.9	4.6	6.1	1.5	0.5
DM-20	327639.7	4377414.3	1850.5	7.6	13.7	6.1	0.6
DM-20	327639.7	4377414.3	1810.1	48.8	53.3	4.6	0.3
DM-21	327592.2	4377298.5	1848.8	6.1	12.2	6.1	1.3
DM-21	327592.2	4377298.5	1835.8	18.3	25.9	7.6	0.7
DM-21	327592.2	4377298.5	1820.6	30.5	44.2	13.7	0.5
DM-21	327592.2	4377298.5	1806.1	45.7	57.9	12.2	0.7
DM-23	327522.8	4377185.6	1841.5	0.0	3.0	3.0	0.3
DM-23	327522.8	4377185.6	1831.6	7.6	15.2	7.6	0.3
DM-23	327522.8	4377185.6	1806.5	19.8	53.3	33.5	1.1
DM-23	327522.8	4377185.6	1779.1	62.5	65.5	3.0	0.4
DM-23	327522.8	4377185.6	1755.4	79.2	96.0	16.8	1.2
DM-24	327537.7	4377194.6	1840.8	0.0	3.0	3.0	0.4
DM-24	327537.7	4377194.6	1811.9	15.2	45.7	30.5	0.4
DM-24	327537.7	4377194.6	1783.7	47.2	70.1	22.9	1.2
DM-25	327547.2	4377224.0	1837.8	0.0	9.1	9.1	0.5
DM-25	327547.2	4377224.0	1805.8	12.2	61.0	48.8	1.4
DM-27	327573.4	4377263.1	1825.5	0.0	36.6	36.6	1.4
DM-28	327578.0	4377279.6	1848.2	0.0	4.6	4.6	0.3
DM-28	327578.0	4377279.6	1836.8	9.1	18.3	9.1	1.3
DM-28	327578.0	4377279.6	1810.1	21.3	59.4	38.1	0.6
DM-29	327570.7	4377288.0	1824.5	9.1	50.3	41.1	1.2
DM-3	327644.3	4377338.0	1839.5	4.6	18.3	13.7	1.1
DM-3	327644.3	4377338.0	1826.5	22.9	25.9	3.0	0.3
DM-30	327554.9	4377288.4	1852.6	0.0	3.0	3.0	0.3
DM-30	327554.9	4377288.4	1837.4	12.2	21.3	9.1	1.2
DM-30	327554.9	4377288.4	1817.6	29.0	44.2	15.2	1.4
DM-31	327541.5	4377293.9	1839.6	0.0	30.5	30.5	0.5
DM-31	327541.5	4377293.9	1816.8	35.1	41.1	6.1	0.9
DM-32	327528.0	4377297.9	1846.2	1.5	10.7	9.1	0.5
DM-32	327528.0	4377297.9	1833.2	13.7	24.4	10.7	0.3
DM-32	327528.0	4377297.9	1823.3	25.9	32.0	6.1	0.9
DM-34	327555.2	4377310.7	1830.1	1.5	56.4	54.9	0.9
DM-35	327562.9	4377300.6	1848.0	0.0	19.8	19.8	0.9

DM-35	327562.9	4377300.6	1826.6	22.9	39.6	16.8	1.9
DM-36	327492.9	4377298.2	1844.3	0.0	6.1	6.1	0.8
DM-36	327492.9	4377298.2	1803.9	41.1	45.7	4.6	0.3
DM-4	327558.4	4377260.6	1835.6	0.0	16.8	16.8	1.2
DM-4	327558.4	4377260.6	1821.1	18.3	27.4	9.1	0.4
DM-4	327558.4	4377260.6	1811.2	30.5	35.1	4.6	0.9
DM-41	327535.7	4377357.3	1814.7	16.8	77.7	61.0	1.6
DM-41	327535.7	4377357.3	1779.6	79.2	85.3	6.1	0.4
DM-42	327546.3	4377345.5	1841.7	16.8	19.8	3.0	0.2
DM-42	327546.3	4377345.5	1834.8	21.3	29.0	7.6	0.4
DM-42	327546.3	4377345.5	1827.2	30.5	35.1	4.6	0.3
DM-42	327546.3	4377345.5	1807.4	36.6	68.6	32.0	0.6
DM-44	327520.7	4377322.9	1844.6	0.0	19.8	19.8	0.8
DM-44	327520.7	4377322.9	1803.4	33.5	68.6	35.1	1.1
DM-46	327566.5	4377324.8	1852.2	3.0	15.2	12.2	0.5
DM-46	327566.5	4377324.8	1837.7	16.8	30.5	13.7	0.4
DM-46	327566.5	4377324.8	1818.7	32.0	53.3	21.3	0.9
DM-46	327566.5	4377324.8	1805.0	54.9	57.9	3.0	0.2
DM-47	327584.7	4377324.8	1856.3	1.5	10.7	9.1	0.7
DM-47	327584.7	4377324.8	1825.1	18.3	56.4	38.1	1.2
DM-48	327588.0	4377311.2	1852.1	4.6	12.2	7.6	0.3
DM-48A	327586.4	4377310.2	1850.6	6.1	13.7	7.6	0.4
DM-48A	327586.4	4377310.2	1843.8	15.2	18.3	3.0	0.2
DM-48A	327586.4	4377310.2	1830.8	22.9	36.6	13.7	0.8
DM-48A	327586.4	4377310.2	1817.1	38.1	48.8	10.7	0.4
DM-48A	327586.4	4377310.2	1806.4	51.8	56.4	4.6	0.5
DM-49	327566.3	4377374.6	1852.4	3.0	24.4	21.3	0.5
DM-49	327566.3	4377374.6	1829.6	25.9	47.2	21.3	0.7
DM-49	327566.3	4377374.6	1809.0	51.8	62.5	10.7	1.6
DM-5	327584.9	4377273.2	1838.2	0.0	13.7	13.7	1.3
DM-5	327584.9	4377273.2	1813.0	18.3	45.7	27.4	0.6
DM-5	327584.9	4377273.2	1794.7	48.8	51.8	3.0	0.5
DM-50	327581.1	4377376.5	1860.8	0.0	12.2	12.2	0.4
DM-50	327581.1	4377376.5	1847.8	16.8	21.3	4.6	0.3
DM-50	327581.1	4377376.5	1829.5	22.9	51.8	29.0	1.4
DM-50	327581.1	4377376.5	1811.2	54.9	56.4	1.5	0.8
DM-51	327583.5	4377356.3	1835.8	9.1	51.8	42.7	0.8
DM-52	327596.1	4377373.0	1860.7	4.6	7.6	3.0	0.5
DM-52	327596.1	4377373.0	1847.7	13.7	24.4	10.7	0.7
DM-52	327596.1	4377373.0	1835.5	27.4	35.1	7.6	0.5
DM-52	327596.1	4377373.0	1825.6	36.6	45.7	9.1	0.7
DM-53	327611.1	4377367.5	1863.2	0.0	3.0	3.0	0.3
DM-53	327611.1	4377367.5	1855.6	7.6	10.7	3.0	0.4
DM-53	327611.1	4377367.5	1843.4	19.8	22.9	3.0	0.4
DM-53	327611.1	4377367.5	1834.3	25.9	35.1	9.1	0.6
DM-53	327611.1	4377367.5	1816.0	47.2	50.3	3.0	0.2
DM-54	327599.3	4377358.4	1835.4	13.7	45.7	32.0	0.6
DM-54A	327607.4	4377360.9	1852.8	7.6	15.2	7.6	0.3
DM-54A	327607.4	4377360.9	1831.5	22.9	42.7	19.8	1.0
DM-55	327616.9	4377382.5	1859.5	3.0	6.1	3.0	1.2
DM-55	327616.9	4377382.5	1843.5	13.7	27.4	13.7	0.7
DM-56	327592.8	4377345.2	1863.0	0.0	3.0	3.0	0.7
DM-56	327592.8	4377345.2	1844.8	16.8	22.9	6.1	0.7
DM-56	327592.8	4377345.2	1825.7	30.5	47.2	16.8	0.8
DM-57	327613.8	4377345.1	1852.4	7.6	10.7	3.0	0.3

DM-57	327613.8	4377345.1	1847.8	12.2	15.2	3.0	0.3
DM-57	327613.8	4377345.1	1830.3	19.8	42.7	22.9	0.6
DM-58	327629.2	4377371.4	1847.4	6.1	19.8	13.7	0.9
DM-58A	327636.4	4377386.6	1857.7	0.0	6.1	6.1	0.3
DM-58A	327636.4	4377386.6	1851.6	7.6	10.7	3.0	0.3
DM-58A	327636.4	4377386.6	1846.3	12.2	16.8	4.6	0.7
DM-59	327640.3	4377373.6	1846.5	6.1	16.8	10.7	0.9
DM-6	327597.3	4377306.2	1850.5	6.1	9.1	3.0	0.3
DM-6	327597.3	4377306.2	1834.5	16.8	30.5	13.7	0.4
DM-6	327597.3	4377306.2	1823.9	32.0	36.6	4.6	0.4
DM-60	327661.2	4377379.3	1832.4	18.3	21.3	3.0	0.3
DM-61	327637.4	4377360.6	1839.3	13.7	22.9	9.1	0.7
DM-61	327637.4	4377360.6	1830.2	24.4	30.5	6.1	0.4
DM-62	327630.6	4377345.2	1853.6	3.0	4.6	1.5	0.5
DM-62	327630.6	4377345.2	1836.1	12.2	30.5	18.3	0.7
DM-63	327654.9	4377349.4	1845.8	3.0	7.6	4.6	0.4
DM-63	327654.9	4377349.4	1840.5	9.1	12.2	3.0	0.2
DM-63	327654.9	4377349.4	1836.7	13.7	15.2	1.5	0.5
DM-63	327654.9	4377349.4	1831.3	18.3	21.3	3.0	0.3
DM-64	327665.1	4377338.3	1816.3	24.4	36.6	12.2	0.3
DM-65	327649.5	4377327.7	1835.8	3.0	18.3	15.2	0.4
DM-67	327668.1	4377304.3	1813.6	18.3	24.4	6.1	0.7
DM-69	327636.2	4377299.8	1839.8	0.0	3.0	3.0	0.4
DM-69	327636.2	4377299.8	1835.3	4.6	7.6	3.0	0.9
DM-69	327636.2	4377299.8	1822.3	10.7	27.4	16.8	1.2
DM-69	327636.2	4377299.8	1806.3	32.0	38.1	6.1	0.3
DM-7	327625.0	4377294.6	1819.8	13.7	32.0	18.3	0.8
DM-7	327625.0	4377294.6	1800.0	41.1	44.2	3.0	0.3
DM-72	327649.0	4377363.6	1848.1	0.0	10.7	10.7	0.7
DM-72	327649.0	4377363.6	1839.8	12.2	15.2	3.0	0.2
DM-72	327649.0	4377363.6	1823.0	29.0	32.0	3.0	0.2
DM-73	327564.1	4377356.7	1833.3	1.5	61.0	59.4	1.0
DM-74	327612.5	4377326.9	1826.8	21.3	44.2	22.9	0.5
DM-75	327601.0	4377316.0	1842.4	13.7	19.8	6.1	0.5
DM-75	327601.0	4377316.0	1837.1	21.3	22.9	1.5	0.7
DM-75	327601.0	4377316.0	1813.4	38.1	53.3	15.2	0.6
DM-76	327590.4	4377389.1	1862.5	3.0	7.6	4.6	0.3
DM-76	327590.4	4377389.1	1833.5	16.8	51.8	35.1	1.3
DM-77	327559.8	4377386.9	1859.9	4.6	7.6	3.0	0.2
DM-77	327559.8	4377386.9	1854.6	10.7	12.2	1.5	0.4
DM-77	327559.8	4377386.9	1838.5	24.4	30.5	6.1	0.6
DM-77	327559.8	4377386.9	1820.3	33.5	57.9	24.4	0.9
DM-77	327559.8	4377386.9	1802.0	62.5	65.5	3.0	0.3
DM-78	327577.5	4377342.2	1860.7	0.0	10.7	10.7	0.7
DM-78	327577.5	4377342.2	1828.7	18.3	56.4	38.1	1.1
DM-79	327594.7	4377400.0	1852.9	13.7	16.8	3.0	0.6
DM-79	327594.7	4377400.0	1835.4	21.3	44.2	22.9	1.0
DM-8	327646.3	4377306.0	1832.4	4.6	10.7	6.1	3.1
DM-8	327646.3	4377306.0	1823.2	13.7	19.8	6.1	0.8
DM-8	327646.3	4377306.0	1814.8	22.9	27.4	4.6	0.2
DM-8	327646.3	4377306.0	1802.6	35.1	39.6	4.6	0.7
DM-8	327646.3	4377306.0	1795.0	41.1	48.8	7.6	0.2
DM-80	327581.9	4377402.8	1832.9	25.9	44.2	18.3	0.9
DM-81	327590.5	4377413.3	1835.2	22.9	42.7	19.8	1.4
DM-82	327534.0	4377372.3	1848.5	10.7	12.2	1.5	0.5

DM-82	327534.0	4377372.3	1841.7	13.7	22.9	9.1	1.1
DM-82	327534.0	4377372.3	1810.4	25.9	73.2	47.2	1.2
DM-83	327546.9	4377380.2	1854.5	0.0	19.8	19.8	0.4
DM-83	327546.9	4377380.2	1838.5	24.4	27.4	3.0	0.2
DM-83	327546.9	4377380.2	1814.1	29.0	71.6	42.7	1.2
DM-84	327535.2	4377388.7	1839.6	7.6	33.5	25.9	1.1
DM-85	327532.8	4377399.1	1843.7	3.0	29.0	25.9	0.7
DM-85	327532.8	4377399.1	1819.3	36.6	44.2	7.6	0.8
DM-85	327532.8	4377399.1	1810.9	45.7	51.8	6.1	0.4
DM-85	327532.8	4377399.1	1804.1	53.3	57.9	4.6	0.4
DM-86	327553.8	4377394.9	1854.8	7.6	12.2	4.6	0.3
DM-86	327553.8	4377394.9	1835.8	15.2	42.7	27.4	0.8
DM-86	327553.8	4377394.9	1814.5	44.2	56.4	12.2	1.2
DM-87	327562.2	4377406.6	1856.2	7.6	10.7	3.0	0.2
DM-87	327562.2	4377406.6	1848.6	15.2	18.3	3.0	0.5
DM-87	327562.2	4377406.6	1829.5	19.8	51.8	32.0	1.5
DM-87	327562.2	4377406.6	1809.7	54.9	56.4	1.5	0.4
DM-88	327575.0	4377416.5	1853.5	9.1	15.2	6.1	0.5
DM-88	327575.0	4377416.5	1836.0	21.3	38.1	16.8	1.1
DM-88	327575.0	4377416.5	1822.2	41.1	45.7	4.6	0.4
DM-88	327575.0	4377416.5	1812.3	51.8	54.9	3.0	0.3
DM-89	327588.1	4377426.1	1850.6	12.2	16.8	4.6	0.3
DM-89	327588.1	4377426.1	1836.1	21.3	36.6	15.2	1.5
DM-89	327588.1	4377426.1	1811.8	51.8	54.9	3.0	0.2
DM-9	327553.1	4377236.7	1807.3	0.0	70.1	70.1	1.0
DM-9	327553.1	4377236.7	1770.0	71.6	73.2	1.5	0.4
DM-90	327620.6	4377400.1	1846.8	13.7	22.9	9.1	0.7
DM-92	327622.7	4377414.0	1858.1	6.1	9.1	3.0	0.2
DM-92	327622.7	4377414.0	1850.5	12.2	18.3	6.1	0.9
DM-96	327556.9	4377432.7	1847.7	9.1	13.7	4.6	1.5
DM-97	327569.1	4377442.1	1853.3	4.6	6.1	1.5	0.4
DM-97	327569.1	4377442.1	1848.0	7.6	13.7	6.1	0.4
DM-98	327571.3	4377362.9	1838.7	0.0	54.9	54.9	0.8
DM-99	327598.3	4377389.1	1840.5	9.1	44.2	35.1	1.0
YC-1	327388.1	4377128.5	1820.1	0.0	10.7	10.7	1.4
YC-10	327437.6	4377150.1	1832.6	0.0	7.6	7.6	1.0
YC-10	327437.6	4377150.1	1815.1	19.8	22.9	3.0	0.5
YC-100	327517.9	4377253.6	1846.8	0.0	7.6	7.6	0.5
YC-100	327517.9	4377253.6	1824.0	21.3	32.0	10.7	1.8
YC-101	327392.1	4377312.2	1838.2	0.0	4.6	4.6	1.3
YC-102	327441.5	4377348.1	1840.1	0.0	4.6	4.6	0.3
YC-103	327413.2	4377338.0	1838.5	0.0	6.1	6.1	0.8
YC-105	327326.6	4377284.2	1827.2	9.1	10.7	1.5	1.2
YC-106	327302.4	4377275.0	1821.3	4.6	15.2	10.7	2.5
YC-107	327288.6	4377314.6	1820.5	6.1	9.1	3.0	1.8
YC-108	327276.5	4377279.1	1816.0	7.6	10.7	3.0	0.4
YC-108	327276.5	4377279.1	1810.7	12.2	16.8	4.6	1.3
YC-110	327238.5	4377321.2	1785.7	29.0	32.0	3.0	0.9
YC-111	327259.8	4377258.6	1806.7	10.7	19.8	9.1	5.4
YC-112	327240.7	4377271.4	1799.4	18.3	29.0	10.7	2.1
YC-113	327230.5	4377229.5	1807.8	10.7	21.3	10.7	1.0
YC-113	327230.5	4377229.5	1791.8	24.4	39.6	15.2	5.3
YC-113A	327231.5	4377225.3	1813.2	9.1	12.2	3.0	0.2
YC-113A	327231.5	4377225.3	1792.6	19.8	42.7	22.9	5.0
YC-114	327207.2	4377270.2	1766.2	48.8	57.9	9.1	2.0

YC-115	327205.7	4377285.1	1773.0	42.7	50.3	7.6	2.8
YC-116	327351.0	4377209.2	1820.9	6.1	9.1	3.0	1.1
YC-116	327351.0	4377209.2	1814.8	10.7	16.8	6.1	1.4
YC-117	327342.5	4377189.6	1806.4	16.8	19.8	3.0	0.2
YC-118B	327292.5	4377220.5	1818.9	9.1	12.2	3.0	1.0
YC-119	327271.7	4377201.8	1825.5	7.6	9.1	1.5	2.4
YC-119	327271.7	4377201.8	1812.5	19.8	22.9	3.0	0.6
YC-119	327271.7	4377201.8	1806.4	24.4	30.5	6.1	3.3
YC-119E	327273.3	4377203.3	1833.1	0.0	1.5	1.5	5.5
YC-12	327570.8	4377393.8	1863.1	1.5	6.1	4.6	0.3
YC-12	327570.8	4377393.8	1852.4	10.7	18.3	7.6	0.3
YC-12	327570.8	4377393.8	1844.8	19.8	24.4	4.6	0.4
YC-12	327570.8	4377393.8	1834.9	30.5	33.5	3.0	0.4
YC-12	327570.8	4377393.8	1828.8	35.1	41.1	6.1	0.8
YC-12	327570.8	4377393.8	1819.7	42.7	51.8	9.1	1.2
YC-12	327570.8	4377393.8	1781.6	82.3	88.4	6.1	0.4
YC-120	327316.7	4377185.4	1810.0	7.6	18.3	10.7	2.9
YC-122	327288.0	4377092.5	1797.7	19.8	27.4	7.6	0.8
YC-122	327288.0	4377092.5	1789.4	29.0	35.1	6.1	1.1
YC-123	327251.4	4377182.7	1801.1	29.0	44.2	15.2	1.2
YC-123	327251.4	4377182.7	1776.7	59.4	62.5	3.0	0.2
YC-124	327357.2	4377195.5	1818.7	0.0	12.2	12.2	0.6
YC-125	327280.7	4377229.2	1808.6	16.8	24.4	7.6	2.3
YC-126	327292.2	4377201.8	1817.2	10.7	13.7	3.0	0.5
YC-126	327292.2	4377201.8	1805.8	15.2	32.0	16.8	1.0
YC-127	327207.4	4377215.3	1798.0	25.9	30.5	4.6	0.6
YC-127	327207.4	4377215.3	1776.7	45.7	53.3	7.6	1.2
YC-128	327326.7	4377213.8	1818.0	6.1	16.8	10.7	1.2
YC-13	327313.1	4377307.1	1827.4	0.0	7.6	7.6	1.1
YC-132	327431.3	4377114.9	1826.3	4.6	7.6	3.0	0.8
YC-134	327479.5	4377271.6	1842.7	0.0	4.6	4.6	0.9
YC-135	327432.9	4377311.7	1839.5	0.0	4.6	4.6	0.7
YC-136	327255.1	4377117.2	1796.2	30.5	56.4	25.9	3.0
YC-137	327210.6	4377175.6	1777.6	53.3	56.4	3.0	0.5
YC-138	327234.1	4377145.8	1791.4	45.7	47.2	1.5	0.6
YC-139	327228.2	4377092.1	1762.6	64.0	71.6	7.6	1.2
YC-14	327507.0	4377219.8	1846.6	0.0	7.6	7.6	0.4
YC-14	327507.0	4377219.8	1834.4	12.2	19.8	7.6	0.7
YC-140A	327279.5	4377138.8	1801.4	25.9	47.2	21.3	1.9
YC-140A	327279.5	4377138.8	1786.1	50.3	53.3	3.0	0.6
YC-143	327676.8	4377390.0	1817.0	27.4	30.5	3.0	0.2
YC-146	327297.6	4377167.9	1828.0	0.0	3.0	3.0	0.2
YC-146	327297.6	4377167.9	1824.2	4.6	6.1	1.5	0.4
YC-146	327297.6	4377167.9	1806.7	7.6	38.1	30.5	1.6
YC-147	327272.5	4377080.7	1793.2	24.4	30.5	6.1	0.3
YC-147	327272.5	4377080.7	1775.6	38.1	51.8	13.7	0.2
YC-148	327280.7	4377060.7	1792.8	15.2	22.9	7.6	0.6
YC-148	327280.7	4377060.7	1784.4	25.9	29.0	3.0	0.3
YC-149	327242.7	4377020.1	1793.4	12.2	18.3	6.1	0.2
YC-149	327242.7	4377020.1	1751.5	39.6	74.7	35.1	0.9
YC-14A	327505.6	4377222.8	1846.6	0.0	7.6	7.6	0.7
YC-14A	327505.6	4377222.8	1831.4	9.1	29.0	19.8	0.8
YC-14A	327505.6	4377222.8	1817.7	32.0	33.5	1.5	0.4
YC-15	327497.6	4377264.6	1840.5	0.0	16.8	16.8	0.8
YC-150	327187.9	4376964.2	1803.7	0.0	12.2	12.2	0.2

YC-150	327187.9	4376964.2	1786.1	18.3	29.0	10.7	0.3
YC-150	327187.9	4376964.2	1776.2	30.5	36.6	6.1	0.2
YC-150	327187.9	4376964.2	1743.5	64.0	68.6	4.6	1.1
YC-150	327187.9	4376964.2	1727.5	80.8	83.8	3.0	0.2
YC-151	327247.1	4377184.5	1830.0	6.1	7.6	1.5	0.4
YC-151	327247.1	4377184.5	1823.1	12.2	15.2	3.0	0.2
YC-151	327247.1	4377184.5	1818.5	16.8	19.8	3.0	0.2
YC-151	327247.1	4377184.5	1806.4	29.0	32.0	3.0	0.4
YC-151	327247.1	4377184.5	1792.6	35.1	53.3	18.3	1.3
YC-152	327291.2	4377097.4	1792.6	21.3	35.1	13.7	1.5
YC-153	327531.8	4377281.1	1838.3	0.0	29.0	29.0	0.5
YC-155	327253.4	4377105.8	1790.8	36.6	45.7	9.1	0.4
YC-155	327253.4	4377105.8	1783.9	47.2	48.8	1.5	0.7
YC-155	327253.4	4377105.8	1776.3	50.3	61.0	10.7	0.3
YC-156	327265.5	4377036.5	1792.6	6.1	27.4	21.3	1.3
YC-156	327265.5	4377036.5	1773.6	29.0	42.7	13.7	1.9
YC-157	327299.5	4377078.9	1801.6	0.0	24.4	24.4	0.6
YC-158	327274.1	4377103.1	1793.4	25.9	42.7	16.8	2.6
YC-159	327087.4	4376975.9	1784.5	16.8	18.3	1.5	0.4
YC-16	327504.2	4377318.0	1849.2	0.0	3.0	3.0	0.3
YC-16	327504.2	4377318.0	1840.1	4.6	16.8	12.2	0.7
YC-16	327504.2	4377318.0	1825.6	22.9	27.4	4.6	0.3
YC-16	327504.2	4377318.0	1811.1	38.1	41.1	3.0	0.2
YC-16	327504.2	4377318.0	1778.4	44.2	100.6	56.4	1.8
YC-16	327504.2	4377318.0	1747.1	102.1	105.2	3.0	0.3
YC-161	327090.0	4376891.1	1724.4	68.6	76.2	7.6	1.9
YC-166	327305.3	4377111.8	1801.6	18.3	21.3	3.0	1.4
YC-166	327305.3	4377111.8	1788.6	30.5	35.1	4.6	0.8
YC-167	327318.9	4377099.4	1801.3	12.2	16.8	4.6	1.6
YC-167	327318.9	4377099.4	1796.7	18.3	19.8	1.5	1.0
YC-167	327318.9	4377099.4	1792.9	21.3	24.4	3.0	0.8
YC-168	327340.0	4377107.5	1805.5	7.6	15.2	7.6	1.7
YC-169	327255.9	4377022.9	1763.3	25.9	61.0	35.1	4.3
YC-17	327547.4	4377306.2	1845.0	0.0	24.4	24.4	0.7
YC-170	327288.0	4377002.7	1808.6	10.7	15.2	4.6	0.7
YC-170	327288.0	4377002.7	1779.7	30.5	53.3	22.9	2.3
YC-170	327288.0	4377002.7	1762.9	57.9	59.4	1.5	0.6
YC-171	327275.0	4377016.7	1793.4	22.9	24.4	1.5	0.5
YC-171	327275.0	4377016.7	1771.3	36.6	54.9	18.3	1.9
YC-172	327134.7	4376875.9	1769.4	24.4	27.4	3.0	0.3
YC-173	327140.8	4376920.2	1757.3	39.6	42.7	3.0	0.4
YC-173	327140.8	4376920.2	1724.5	71.6	76.2	4.6	1.0
YC-173	327140.8	4376920.2	1717.7	79.2	82.3	3.0	1.9
YC-174	327102.5	4376914.7	1795.4	0.0	3.0	3.0	0.2
YC-174	327102.5	4376914.7	1771.0	24.4	27.4	3.0	0.2
YC-174	327102.5	4376914.7	1716.2	73.2	88.4	15.2	4.5
YC-175	327235.9	4377045.9	1780.0	36.6	38.1	1.5	0.4
YC-175	327235.9	4377045.9	1767.0	41.1	59.4	18.3	2.1
YC-175	327235.9	4377045.9	1734.3	82.3	83.8	1.5	0.5
YC-176	327216.9	4377025.7	1810.9	4.6	6.1	1.5	0.4
YC-177	327295.3	4377130.5	1810.7	21.3	29.0	7.6	1.3
YC-177	327295.3	4377130.5	1800.0	35.1	36.6	1.5	0.9
YC-178	327324.1	4377110.3	1801.5	10.7	19.8	9.1	0.4
YC-178	327324.1	4377110.3	1793.1	21.3	25.9	4.6	0.7
YC-179	327327.8	4377093.3	1810.2	4.6	9.1	4.6	0.4

YC-179	327327.8	4377093.3	1804.1	10.7	15.2	4.6	1.2
YC-18	327537.2	4377329.2	1844.0	6.1	21.3	15.2	0.6
YC-18	327537.2	4377329.2	1832.6	22.9	27.4	4.6	0.3
YC-18	327537.2	4377329.2	1805.2	51.8	53.3	1.5	0.9
YC-180	327319.3	4377080.0	1804.0	7.6	19.8	12.2	2.1
YC-181	327312.0	4377065.0	1801.1	10.7	22.9	12.2	1.8
YC-182	327348.6	4377095.0	1813.1	3.0	10.7	7.6	0.3
YC-182	327348.6	4377095.0	1803.9	12.2	19.8	7.6	2.4
YC-183	327337.7	4377082.3	1812.6	6.1	10.7	4.6	0.6
YC-183	327337.7	4377082.3	1805.0	12.2	19.8	7.6	1.8
YC-184	327326.0	4377070.2	1806.1	7.6	21.3	13.7	1.5
YC-186	326515.8	4377283.8	1783.9	12.2	15.2	3.0	0.2
YC-186	326515.8	4377283.8	1750.4	45.7	48.8	3.0	0.3
YC-187	326909.4	4377098.7	1737.8	54.9	57.9	3.0	0.2
YC-189	327435.2	4377470.0	1839.8	3.0	6.1	3.0	0.3
YC-189	327435.2	4377470.0	1800.1	42.7	45.7	3.0	0.2
YC-189	327435.2	4377470.0	1778.8	64.0	67.1	3.0	0.2
YC-19	327470.7	4377327.5	1843.0	0.0	7.6	7.6	0.7
YC-19	327470.7	4377327.5	1834.6	9.1	15.2	6.1	0.6
YC-19	327470.7	4377327.5	1823.2	21.3	25.9	4.6	0.2
YC-191	327494.2	4377544.4	1829.9	3.0	6.1	3.0	0.2
YC-191	327494.2	4377544.4	1769.0	64.0	67.1	3.0	0.3
YC-192	327437.0	4377538.7	1810.0	21.3	24.4	3.0	0.6
YC-194	326397.2	4377273.2	1765.5	24.4	27.4	3.0	0.2
YC-195	327154.3	4377169.5	1763.1	54.9	56.4	1.5	2.7
YC-195	327154.3	4377169.5	1760.0	57.9	59.4	1.5	0.4
YC-2	327406.7	4377116.5	1824.5	0.0	6.1	6.1	1.5
YC-20	327449.3	4377321.8	1836.0	0.0	16.8	16.8	0.4
YC-205	327445.7	4377233.8	1835.3	0.0	3.0	3.0	1.4
YC-205	327445.7	4377233.8	1830.7	4.6	7.6	3.0	0.3
YC-207	327500.6	4377196.5	1834.3	3.0	21.3	18.3	0.3
YC-21	327414.2	4377296.5	1836.4	0.0	3.0	3.0	0.6
YC-210	327546.7	4377136.2	1819.7	4.6	12.2	7.6	0.2
YC-212	327499.3	4377137.9	1816.2	18.3	21.3	3.0	0.3
YC-212	327499.3	4377137.9	1807.8	22.9	33.5	10.7	0.5
YC-216	327622.1	4377248.5	1816.0	0.0	19.8	19.8	1.3
YC-217	327577.3	4377189.5	1813.5	0.0	22.9	22.9	0.7
YC-217	327577.3	4377189.5	1799.0	24.4	27.4	3.0	0.5
YC-218	327580.3	4377190.7	1812.8	0.0	13.7	13.7	0.7
YC-22	327354.4	4377286.6	1835.0	0.0	1.5	1.5	0.5
YC-221	327170.6	4377314.4	1807.9	0.0	6.1	6.1	0.5
YC-225	327344.7	4377177.6	1814.2	6.1	9.1	3.0	0.7
YC-225	327344.7	4377177.6	1807.4	10.7	18.3	7.6	0.3
YC-226	327365.4	4377184.5	1819.9	0.0	3.0	3.0	0.8
YC-227	327352.5	4377165.9	1809.6	9.1	10.7	1.5	0.9
YC-228	327359.1	4377042.9	1800.4	18.3	21.3	3.0	0.4
YC-23	327363.8	4377313.9	1835.5	0.0	6.1	6.1	0.7
YC-230	327376.8	4377138.9	1823.4	0.0	1.5	1.5	0.8
YC-230	327376.8	4377138.9	1812.7	7.6	15.2	7.6	2.6
YC-231	327346.6	4377116.5	1804.9	12.2	13.7	1.5	3.9
YC-232	327294.0	4377100.3	1798.2	19.8	24.4	4.6	0.9
YC-233	327309.5	4377086.2	1801.2	7.6	19.8	12.2	1.1
YC-234	327306.5	4377049.1	1815.1	0.0	4.6	4.6	0.6
YC-234	327306.5	4377049.1	1802.1	12.2	18.3	6.1	0.9
YC-235	327291.5	4377049.8	1802.4	10.7	12.2	1.5	0.4

YC-235	327291.5	4377049.8	1784.9	27.4	30.5	3.0	0.4
YC-235E	327299.5	4377064.4	1806.3	0.0	15.2	15.2	0.6
YC-235F	327300.1	4377067.6	1800.2	10.7	16.8	6.1	0.5
YC-24	327514.2	4377181.0	1836.4	1.5	16.8	15.2	0.3
YC-24	327514.2	4377181.0	1821.9	18.3	29.0	10.7	0.4
YC-24	327514.2	4377181.0	1809.0	30.5	42.7	12.2	1.1
YC-24	327514.2	4377181.0	1779.3	64.0	68.6	4.6	0.3
YC-24	327514.2	4377181.0	1767.8	74.7	80.8	6.1	0.2
YC-24	327514.2	4377181.0	1761.7	82.3	85.3	3.0	0.2
YC-24	327514.2	4377181.0	1756.4	86.9	91.4	4.6	0.5
YC-240	327304.4	4377012.4	1797.0	22.9	25.9	3.0	0.8
YC-241	327285.9	4377024.0	1811.7	1.5	9.1	7.6	0.6
YC-241	327285.9	4377024.0	1797.3	18.3	21.3	3.0	1.4
YC-241	327285.9	4377024.0	1781.3	33.5	38.1	4.6	0.3
YC-242	327263.3	4377008.7	1796.9	18.3	19.8	1.5	0.4
YC-242	327263.3	4377008.7	1766.4	30.5	68.6	38.1	3.2
YC-244A	327236.4	4377008.3	1769.2	39.6	48.8	9.1	1.7
YC-245A	327245.5	4377053.9	1792.2	21.3	29.0	7.6	0.4
YC-247	327230.8	4376989.2	1753.7	47.2	57.9	10.7	0.9
YC-248	327300.3	4376996.2	1772.3	41.1	57.9	16.8	0.9
YC-25	327369.8	4377352.9	1829.7	0.0	9.1	9.1	2.3
YC-250	327292.4	4376984.2	1799.9	15.2	19.8	4.6	0.5
YC-250	327292.4	4376984.2	1759.6	53.3	62.5	9.1	5.5
YC-251	327350.2	4377054.6	1809.9	7.6	21.3	13.7	0.4
YC-251A	327375.5	4377029.8	1814.1	9.1	12.2	3.0	0.6
YC-253	327584.3	4377202.5	1814.4	1.5	10.7	9.1	0.7
YC-256A	327261.2	4376962.8	1749.9	61.0	67.1	6.1	0.5
YC-258	327256.8	4377064.7	1817.2	0.0	1.5	1.5	0.3
YC-258	327256.8	4377064.7	1802.0	13.7	18.3	4.6	0.6
YC-258	327256.8	4377064.7	1788.3	22.9	36.6	13.7	5.3
YC-258	327256.8	4377064.7	1772.3	42.7	48.8	6.1	1.9
YC-258E	327263.4	4377070.2	1807.0	9.1	13.7	4.6	1.1
YC-258E	327263.4	4377070.2	1792.5	22.9	29.0	6.1	1.5
YC-258E	327263.4	4377070.2	1785.6	30.5	35.1	4.6	0.3
YC-258E	327263.4	4377070.2	1780.3	36.6	39.6	3.0	0.3
YC-258E	327263.4	4377070.2	1771.9	41.1	51.8	10.7	1.9
YC-259	327281.2	4376991.4	1765.5	48.8	59.4	10.7	5.8
YC-25A	327366.8	4377351.7	1832.8	0.0	3.0	3.0	3.1
YC-25AB	327372.3	4377355.3	1826.7	0.0	15.2	15.2	0.7
YC-26	327513.1	4377149.9	1818.3	0.0	44.2	44.2	0.7
YC-261	327227.7	4377020.4	1767.2	44.2	45.7	1.5	0.8
YC-261	327227.7	4377020.4	1764.1	47.2	48.8	1.5	0.6
YC-262	327215.7	4377005.1	1755.2	48.8	53.3	4.6	0.6
YC-263	327593.1	4377215.8	1809.1	9.1	15.2	6.1	3.0
YC-263	327593.1	4377215.8	1803.8	16.8	18.3	1.5	0.6
YC-264	327605.8	4377223.7	1802.2	13.7	24.4	10.7	1.1
YC-266	327596.4	4377232.9	1816.7	0.0	16.8	16.8	0.8
YC-266	327596.4	4377232.9	1803.8	18.3	24.4	6.1	0.3
YC-267	327608.6	4377241.1	1818.0	3.0	12.2	9.1	0.8
YC-27	327476.7	4377225.8	1831.7	0.0	25.9	25.9	1.3
YC-273	327618.9	4377232.9	1805.6	15.2	18.3	3.0	0.3
YC-274	327634.7	4377254.5	1811.4	7.6	21.3	13.7	0.8
YC-28	327521.7	4377379.9	1845.7	4.6	18.3	13.7	0.5
YC-280	327376.5	4377123.4	1818.6	1.5	7.6	6.1	0.9
YC-281	327374.4	4377154.4	1816.9	4.6	7.6	3.0	3.3

YC-281	327374.4	4377154.4	1810.8	9.1	15.2	6.1	0.7
YC-282	327387.7	4377149.4	1821.5	0.0	7.6	7.6	0.6
YC-282	327387.7	4377149.4	1813.9	9.1	13.7	4.6	0.5
YC-285	327374.3	4377078.6	1818.8	0.0	7.6	7.6	1.0
YC-286	327263.5	4377096.3	1793.3	27.4	41.1	13.7	1.0
YC-287	327252.5	4377085.9	1785.2	32.0	50.3	18.3	3.1
YC-287	327252.5	4377085.9	1769.9	54.9	57.9	3.0	0.6
YC-288	327239.5	4377072.7	1811.6	10.7	13.7	3.0	0.5
YC-288	327239.5	4377072.7	1787.2	33.5	39.6	6.1	0.7
YC-288	327239.5	4377072.7	1775.0	44.2	53.3	9.1	3.5
YC-288	327239.5	4377072.7	1761.3	61.0	64.0	3.0	0.6
YC-289	327239.0	4377086.0	1792.3	33.5	36.6	3.0	1.3
YC-29	327546.6	4377424.0	1844.7	12.2	15.2	3.0	1.6
YC-290	327575.5	4377312.1	1852.6	0.0	16.8	16.8	0.5
YC-290	327575.5	4377312.1	1819.9	18.3	64.0	45.7	1.0
YC-291	327600.7	4377333.4	1843.4	6.1	30.5	24.4	0.4
YC-291	327600.7	4377333.4	1821.3	32.0	48.8	16.8	0.6
YC-3	327371.9	4377105.1	1815.5	0.0	10.7	10.7	1.3
YC-3	327371.9	4377105.1	1805.6	12.2	18.3	6.1	0.3
YC-30	327592.6	4377451.7	1856.5	0.0	3.0	3.0	0.3
YC-30	327592.6	4377451.7	1848.9	7.6	10.7	3.0	0.8
YC-305	327680.7	4377362.2	1839.3	4.6	7.6	3.0	0.3
YC-305	327680.7	4377362.2	1835.5	9.1	10.7	1.5	0.4
YC-306	327656.6	4377319.3	1830.7	9.1	12.2	3.0	0.3
YC-306	327656.6	4377319.3	1825.4	13.7	18.3	4.6	0.3
YC-306	327656.6	4377319.3	1817.8	19.8	27.4	7.6	0.4
YC-306	327656.6	4377319.3	1810.1	29.0	33.5	4.6	0.3
YC-307	327620.7	4377264.2	1817.1	1.5	27.4	25.9	1.4
YC-31	327660.1	4377362.2	1845.7	1.5	9.1	7.6	1.6
YC-31	327660.1	4377362.2	1835.0	12.2	19.8	7.6	0.3
YC-31	327660.1	4377362.2	1825.1	22.9	29.0	6.1	1.9
YC-32	327634.2	4377385.3	1859.7	0.0	1.5	1.5	1.2
YC-32	327634.2	4377385.3	1850.6	7.6	12.2	4.6	0.2
YC-32	327634.2	4377385.3	1845.3	13.7	16.8	3.0	1.4
YC-33	327596.1	4377248.3	1822.4	0.0	18.3	18.3	0.6
YC-33	327596.1	4377248.3	1808.7	19.8	25.9	6.1	1.2
YC-34	327644.8	4377283.0	1813.1	12.2	29.0	16.8	0.6
YC-36	327578.3	4377361.5	1853.6	3.0	22.9	19.8	0.4
YC-36	327578.3	4377361.5	1839.2	24.4	30.5	6.1	1.2
YC-36	327578.3	4377361.5	1823.9	35.1	50.3	15.2	2.8
YC-37	327480.9	4377299.3	1842.2	0.0	6.1	6.1	0.5
YC-38	327380.6	4377331.9	1836.4	0.0	6.1	6.1	0.7
YC-38	327380.6	4377331.9	1825.0	10.7	18.3	7.6	0.3
YC-39	327297.6	4377296.1	1819.0	9.1	15.2	6.1	1.0
YC-4	327368.5	4377087.9	1817.7	0.0	7.6	7.6	2.3
YC-4	327368.5	4377087.9	1811.6	9.1	10.7	1.5	0.5
YC-4	327368.5	4377087.9	1772.7	47.2	50.3	3.0	0.3
YC-40	327311.2	4377309.0	1826.7	0.0	9.1	9.1	1.6
YC-41	327256.3	4377276.9	1804.6	9.1	19.8	10.7	2.8
YC-45	327473.7	4377250.5	1839.5	0.0	9.1	9.1	0.9
YC-47	327341.3	4377123.3	1793.8	22.9	24.4	1.5	2.0
YC-47	327341.3	4377123.3	1775.6	36.6	47.2	10.7	0.2
YC-48	327334.1	4377163.4	1802.9	13.7	19.8	6.1	0.6
YC-49	327361.8	4377169.5	1815.3	1.5	9.1	7.6	0.8
YC-5	327328.3	4377053.3	1811.9	1.5	18.3	16.8	2.0

YC-50	327359.9	4377234.3	1829.8	1.5	4.6	3.0	1.2
YC-51	327333.8	4377265.3	1827.1	9.1	12.2	3.0	0.3
YC-52	327277.0	4377260.5	1809.4	9.1	19.8	10.7	1.0
YC-53	327242.1	4377248.7	1798.6	16.8	32.0	15.2	1.8
YC-53	327242.1	4377248.7	1784.9	36.6	39.6	3.0	0.2
YC-54	327217.0	4377270.8	1785.5	32.0	42.7	10.7	2.1
YC-55	327242.7	4377290.1	1799.3	16.8	21.3	4.6	1.5
YC-56	327215.4	4377307.2	1778.7	32.0	41.1	9.1	1.6
YC-57	327303.1	4377239.3	1815.0	13.7	18.3	4.6	1.8
YC-58	327262.7	4377229.6	1816.7	12.2	15.2	3.0	0.4
YC-58	327262.7	4377229.6	1804.5	16.8	35.1	18.3	2.5
YC-58A	327258.0	4377242.8	1809.8	13.7	27.4	13.7	6.4
YC-58A	327258.0	4377242.8	1793.8	35.1	38.1	3.0	0.2
YC-59	327225.2	4377202.3	1789.7	33.5	50.3	16.8	1.7
YC-6	327329.0	4377049.5	1814.6	3.0	10.7	7.6	0.8
YC-60	327293.7	4377186.7	1808.0	9.1	33.5	24.4	2.7
YC-61	327189.5	4377225.7	1766.9	50.3	57.9	7.6	1.3
YC-64	327180.6	4377298.0	1760.9	48.8	53.3	4.6	2.1
YC-68	327225.6	4377253.8	1796.4	19.8	33.5	13.7	3.2
YC-68A	327226.5	4377252.9	1793.3	19.8	39.6	19.8	2.1
YC-68A	327226.5	4377252.9	1778.8	42.7	45.7	3.0	0.6
YC-69	327253.4	4377204.0	1800.5	22.9	35.1	12.2	2.6
YC-70	327278.7	4377171.3	1800.6	33.5	39.6	6.1	1.0
YC-71	327314.2	4377156.9	1807.6	15.2	16.8	1.5	1.6
YC-72	327203.9	4377243.6	1777.6	35.1	44.2	9.1	1.4
YC-73	327265.0	4377303.6	1808.7	10.7	15.2	4.6	1.3
YC-74	327288.4	4377337.1	1818.7	6.1	9.1	3.0	0.9
YC-75	327334.6	4377227.2	1817.9	12.2	16.8	4.6	0.3
YC-76	327322.0	4377202.9	1811.0	9.1	21.3	12.2	1.9
YC-8	327400.1	4377147.6	1824.4	0.0	7.6	7.6	0.8
YC-82	327329.4	4377316.3	1831.4	1.5	3.0	1.5	0.9
YC-83	327390.4	4377349.0	1831.7	0.0	12.2	12.2	0.9
YC-84	327363.7	4377329.5	1835.4	0.0	4.6	4.6	0.7
YC-9	327392.0	4377171.9	1819.1	6.1	9.1	3.0	0.4
YC-90	327356.1	4377074.8	1816.8	0.0	15.2	15.2	1.9
YC-91	327390.1	4377101.8	1818.5	0.0	10.7	10.7	1.4
YC-92	327416.9	4377160.9	1829.3	0.0	7.6	7.6	1.3
YC-92	327416.9	4377160.9	1820.9	9.1	15.2	6.1	2.7
YC-93	327422.4	4377134.4	1827.2	0.0	10.7	10.7	1.8
YC-94	327410.1	4377144.9	1825.5	0.0	10.7	10.7	1.9
YC-95	327444.8	4377132.4	1835.1	0.0	3.0	3.0	0.7
YC-96	327490.0	4377211.8	1837.6	3.0	13.7	10.7	0.9
YC-97	327450.3	4377262.9	1835.2	0.0	3.0	3.0	0.5
YC-98	327375.5	4377297.1	1836.0	0.0	4.6	4.6	2.3
YC-99	327462.9	4377238.3	1838.2	0.0	9.1	9.1	1.0
YCAH-1	327478.5	4377288.4	1841.9	0.0	6.1	6.1	1.1
YCAH-1	327519.4	4377342.7	1802.7	59.4	103.6	44.2	1.6
YCAH-2	327495.0	4377311.0	1810.6	45.7	47.2	1.5	0.9
YCAH-2	327507.0	4377326.9	1790.6	56.4	93.0	36.6	1.3
YCAH-3	327475.1	4377284.3	1841.3	0.0	4.6	4.6	0.2
YCAH-3	327483.1	4377294.9	1804.8	39.6	42.7	3.0	0.2
YCAH-3	327491.7	4377306.3	1765.4	82.3	83.8	1.5	0.7
YCAH-4	327473.2	4377252.9	1838.2	0.0	12.2	12.2	1.6
YCAH-4	327496.2	4377271.5	1808.6	47.2	48.8	1.5	0.9
YCAH-5	327473.3	4377258.3	1838.7	0.0	10.7	10.7	0.8

YCAH-5	327491.4	4377285.1	1806.4	50.3	51.8	1.5	1.0
YCAH-5	327510.4	4377313.3	1772.5	93.0	105.2	12.2	1.5
YCAH-6	327475.3	4377287.4	1842.4	0.0	3.0	3.0	0.3
YCAH-6	327476.2	4377290.6	1839.1	4.6	7.6	3.0	0.2
YCAH-6	327490.8	4377345.2	1782.5	85.3	86.9	1.5	0.8

Appendix 2: Location of Drill Collars for historical drilling.

Hole ID	Easting	Northing	Elevation (m)	Total Depth (m)	Azimuth	Dip
YC-220	327349.7	4377323.9	1834.1	6.1	0	-90
YC-221	327170.6	4377314.4	1811.0	6.1	0	-90
YC-251B	327346.7	4377047.6	1823.5	6.1	0	-90
YC-25A	327366.8	4377351.7	1834.3	7.6	0	-90
DM-16B	327524.8	4377300.9	1853.8	10.7	0	-90
DM-16A	327529.3	4377297.1	1852.7	12.2	0	-90
YC-215	327007.7	4376766.3	1796.3	12.2	0	-90
YC-267	327608.6	4377241.1	1825.6	12.2	0	-90
YC-25	327369.8	4377352.9	1834.3	13.7	0	-90
YC-40	327311.2	4377309.0	1831.2	13.7	0	-90
YC-49	327361.8	4377169.5	1820.6	13.7	0	-90
YC-50	327359.9	4377234.3	1832.9	13.7	0	-90
YC-82	327329.4	4377316.3	1833.7	13.7	0	-90
YC-83	327390.4	4377349.0	1837.8	13.7	0	-90
YC-84	327363.7	4377329.5	1837.7	13.7	0	-90
YC-91	327390.1	4377101.8	1823.8	13.7	0	-90
YC-93	327422.4	4377134.4	1832.5	13.7	0	-90
YC-94	327410.1	4377144.9	1830.8	13.7	0	-90
YC-95	327444.8	4377132.4	1836.6	13.7	0	-90
YC-98	327375.5	4377297.1	1838.3	13.7	0	-90
YC-102	327441.5	4377348.1	1842.4	13.7	0	-90
YC-134	327479.5	4377271.6	1845.0	13.7	0	-90
DM-48	327588.0	4377311.2	1860.5	15.2	0	-90
YC-101	327392.1	4377312.2	1840.5	15.2	0	-90
YC-135	327432.9	4377311.7	1841.8	15.2	0	-90
YC-227	327352.5	4377165.9	1819.5	15.2	0	-90
YC-302	327415.0	4377105.9	1827.9	15.2	0	-90
DM-16	327519.5	4377307.0	1853.7	16.8	0	-90
YC-92	327416.9	4377160.9	1833.1	16.8	0	-90
YC-245	327246.9	4377055.0	1817.5	16.8	0	-90
DM-97	327569.1	4377442.1	1858.6	18.3	0	-90
DM-123	327619.1	4377456.3	1857.5	18.3	0	-90
DM-124	327649.9	4377453.2	1856.9	18.3	0	-90
DM-131	327482.9	4377276.2	1842.9	18.3	0	-90
YC-5	327328.3	4377053.3	1821.8	18.3	0	-90
YC-6	327329.0	4377049.5	1821.5	18.3	0	-90
YC-251A	327375.5	4377029.8	1824.8	18.3	0	-90
DM-58	327629.2	4377371.4	1860.4	19.8	0	-90
YC-14	327507.0	4377219.8	1850.4	19.8	0	-90
YC-44	327417.6	4377368.2	1835.8	19.8	0	-90
YC-45	327473.7	4377250.5	1844.0	19.8	0	-90
YC-51	327333.8	4377265.3	1837.8	19.8	0	-90
YC-74	327288.4	4377337.1	1826.4	19.8	0	-90
YC-88	327707.3	4377109.8	1827.9	19.8	0	-90
YC-89	327652.4	4377061.7	1819.2	19.8	0	-90
YC-90	327356.1	4377074.8	1824.4	19.8	0	-90
YC-96	327490.0	4377211.8	1846.0	19.8	0	-90
YC-97	327450.3	4377262.9	1836.7	19.8	0	-90
YC-99	327462.9	4377238.3	1842.8	19.8	0	-90
YC-103	327413.2	4377338.0	1841.6	19.8	0	-90
YC-104	327342.6	4377248.9	1837.3	19.8	0	-90
YC-105	327326.6	4377284.2	1837.1	19.8	0	-90
YC-107	327288.6	4377314.6	1828.1	19.8	0	-90

YC-116	327351.0	4377209.2	1828.6	19.8	0	-90
YC-124	327357.2	4377195.5	1824.8	19.8	0	-90
YC-132	327431.3	4377114.9	1832.4	19.8	0	-90
YC-133	327445.8	4377089.6	1834.2	19.8	0	-90
YC-140	327282.7	4377141.9	1838.0	19.8	0	-90
YC-281	327374.4	4377154.4	1823.0	19.8	0	-90
YC-25AB	327372.3	4377355.3	1834.3	21.3	0	-90
YC-179	327327.8	4377093.3	1817.0	21.3	0	-90
YC-282	327387.7	4377149.4	1825.3	21.3	0	-90
YC-301	327399.7	4377090.3	1825.1	21.3	0	-90
DM-90	327620.6	4377400.1	1865.1	22.9	0	-90
DM-93	327642.0	4377427.7	1860.9	24.4	0	-90
DM-96	327556.9	4377432.7	1859.1	24.4	0	-90
DM-117	327563.1	4377437.9	1858.8	24.4	0	-90
DM-120	327597.3	4377454.0	1857.9	24.4	0	-90
DM-121	327604.4	4377456.4	1857.5	24.4	0	-90
DM-130	327493.7	4377283.2	1843.0	24.4	0	-90
YC-225	327344.7	4377177.6	1821.8	24.4	0	-90
YC-226	327365.4	4377184.5	1821.4	24.4	0	-90
YC-228	327359.1	4377042.9	1820.2	24.4	0	-90
YC-230	327376.8	4377138.9	1824.1	24.4	0	-90
YC-254	327668.2	4377259.5	1826.0	24.4	0	-90
YC-280	327376.5	4377123.4	1823.2	24.4	0	-90
YC-21	327414.2	4377296.5	1837.9	25.9	0	-90
YC-38	327380.6	4377331.9	1839.5	25.9	0	-90
YC-52	327277.0	4377260.5	1823.9	25.9	0	-90
YC-75	327334.6	4377227.2	1832.4	25.9	0	-90
YC-79	327232.9	4377394.5	1815.5	25.9	0	-90
YC-106	327302.4	4377275.0	1831.2	25.9	0	-90
YC-108	327276.5	4377279.1	1825.2	25.9	0	-90
YC-117	327342.5	4377189.6	1824.6	25.9	0	-90
YC-129	327360.2	4377149.0	1819.7	25.9	0	-90
YC-268	327616.6	4377217.8	1821.8	25.9	0	-90
YC-285	327374.3	4377078.6	1822.6	25.9	0	-90
DM-102	327613.3	4377441.2	1862.7	27.4	0	-90
YC-76	327322.0	4377202.9	1826.3	29.0	0	-90
DM-110	327522.4	4377397.8	1857.5	30.5	0	-90
DM-122	327611.6	4377456.9	1857.4	30.5	0	-90
YC-22	327354.4	4377286.6	1835.8	30.5	0	-90
YC-23	327363.8	4377313.9	1838.6	30.5	0	-90
YC-27	327476.7	4377225.8	1844.7	30.5	0	-90
YC-43	327325.5	4377446.6	1826.7	30.5	0	-90
YC-48	327334.1	4377163.4	1819.7	30.5	0	-90
YC-120	327316.7	4377185.4	1823.0	30.5	0	-90
YC-157	327299.5	4377078.9	1813.8	30.5	0	-90
YC-160	327195.1	4376856.3	1797.4	30.5	0	-90
YC-178	327324.1	4377110.3	1816.7	30.5	0	-90
YC-181	327312.0	4377065.0	1817.9	30.5	0	-90
YC-182	327348.6	4377095.0	1819.9	30.5	0	-90
YC-184	327326.0	4377070.2	1820.6	30.5	0	-90
YC-231	327346.6	4377116.5	1817.9	30.5	0	-90
YC-233	327309.5	4377086.2	1814.9	30.5	0	-90
YC-234	327306.5	4377049.1	1817.4	30.5	0	-90
YC-235	327291.5	4377049.8	1813.9	30.5	0	-90
YC-235F	327300.1	4377067.6	1813.9	30.5	0	-90

YC-251	327350.2	4377054.6	1824.4	30.5	0	-90
YC-251C	327364.1	4377045.3	1824.7	30.5	0	-90
YC-252	327584.3	4377171.8	1818.9	30.5	0	-90
YC-265	327631.3	4377239.7	1823.2	30.5	0	-90
YC-274	327634.7	4377254.5	1825.8	30.5	0	-90
YC-305	327680.7	4377362.2	1845.4	30.5	0	-90
YC-307	327620.7	4377264.2	1831.5	30.5	0	-90
YC-20	327449.3	4377321.8	1844.4	32.0	0	-90
YC-55	327242.7	4377290.1	1818.3	32.0	0	-90
YC-73	327265.0	4377303.6	1821.7	32.0	0	-90
YC-77	327400.0	4377066.0	1826.9	32.0	0	-90
YC-80	327204.8	4377439.4	1812.5	32.0	0	-90
YC-111	327259.8	4377258.6	1822.0	32.0	0	-90
YC-118	327291.0	4377219.0	1829.5	32.0	0	-90
YC-118B	327292.5	4377220.5	1829.5	32.0	0	-90
YC-125	327280.7	4377229.2	1829.1	32.0	0	-90
YC-126	327292.2	4377201.8	1829.4	32.0	0	-90
YC-128	327326.7	4377213.8	1829.4	32.0	0	-90
YC-68	327225.6	4377253.8	1823.0	33.5	0	-90
YC-109	327256.3	4377337.5	1820.7	33.5	0	-90
YC-143	327676.8	4377390.0	1846.0	33.5	0	-90
YC-269	327609.9	4377191.0	1821.1	35.1	0	-90
DM-27	327573.4	4377263.1	1843.7	36.6	0	-90
DM-61	327637.4	4377360.6	1857.6	36.6	0	-90
DM-64	327665.1	4377338.3	1846.8	36.6	0	-90
DM-65	327649.5	4377327.7	1846.4	36.6	0	-90
DM-95	327635.9	4377459.0	1856.4	36.6	0	-90
DM-101	327602.9	4377429.9	1865.1	36.6	0	-90
YC-34	327644.8	4377283.0	1833.7	36.6	0	-90
YC-180	327319.3	4377080.0	1817.7	36.6	0	-90
YC-211	327522.2	4377119.2	1828.1	36.6	0	-90
YC-212	327499.3	4377137.9	1836.0	36.6	0	-90
YC-232	327294.0	4377100.3	1820.3	36.6	0	-90
YC-253	327584.3	4377202.5	1820.5	36.6	0	-90
YC-263	327593.1	4377215.8	1821.3	36.6	0	-90
YC-264	327605.8	4377223.7	1821.3	36.6	0	-90
YC-266	327596.4	4377232.9	1825.1	36.6	0	-90
YC-19	327470.7	4377327.5	1846.8	38.1	0	-90
YC-35	327525.0	4377071.6	1814.8	38.1	0	-90
YC-39	327297.6	4377296.1	1831.2	38.1	0	-90
YC-58A	327258.0	4377242.8	1830.4	38.1	0	-90
YC-71	327314.2	4377156.9	1823.7	38.1	0	-90
YC-100	327517.9	4377253.6	1850.6	38.1	0	-90
YC-110	327238.5	4377321.2	1816.2	38.1	0	-90
YC-121	327310.8	4377127.1	1822.8	38.1	0	-90
YC-130	327329.1	4377139.6	1818.2	38.1	0	-90
YC-146	327297.6	4377167.9	1829.5	38.1	0	-90
YC-153	327531.8	4377281.1	1852.8	38.1	0	-90
YC-168	327340.0	4377107.5	1816.9	38.1	0	-90
YC-273	327618.9	4377232.9	1822.4	38.1	0	-90
DM-6	327597.3	4377306.2	1858.2	39.6	0	-90
DM-35	327562.9	4377300.6	1857.9	39.6	0	-90
DM-103	327601.6	4377442.1	1861.9	39.6	0	-90
DM-111	327520.3	4377383.8	1857.9	39.6	0	-90
YC-53	327242.1	4377248.7	1823.0	39.6	0	-90

YC-57	327303.1	4377239.3	1831.0	39.6	0	-90
YC-112	327240.7	4377271.4	1823.0	39.6	0	-90
YC-119	327271.7	4377201.8	1833.8	39.6	0	-90
YC-144	327682.0	4377430.6	1847.4	39.6	0	-90
YC-270	327611.4	4377174.5	1820.6	39.6	0	-90
YC-15	327497.6	4377264.6	1848.9	41.1	0	-90
YC-204	327389.0	4377203.8	1823.1	42.7	0	-90
DM-10	327608.2	4377255.7	1831.7	42.7	0	-90
DM-13	327633.5	4377291.3	1833.1	42.7	0	-90
DM-59	327640.3	4377373.6	1857.9	42.7	0	-90
DM-60	327661.2	4377379.3	1852.2	42.7	0	-90
DM-70	327645.9	4377261.1	1826.6	42.7	0	-90
DM-72	327649.0	4377363.6	1853.5	42.7	0	-90
DM-104	327590.3	4377438.3	1862.2	42.7	0	-90
DM-108	327543.0	4377401.2	1861.8	42.7	0	-90
YC-1	327388.1	4377128.5	1825.5	42.7	0	-90
YC-2	327406.7	4377116.5	1827.6	42.7	0	-90
YC-113A	327231.5	4377225.3	1823.8	42.7	0	-90
YC-152	327291.2	4377097.4	1820.8	42.7	0	-90
YC-156	327265.5	4377036.5	1809.4	42.7	0	-90
YC-167	327318.9	4377099.4	1815.8	42.7	0	-90
YC-229	327359.5	4377126.6	1820.3	42.7	0	-90
YC-306	327656.6	4377319.3	1841.4	42.7	0	-90
DM-15	327523.1	4377346.8	1855.6	44.2	0	-90
YC-9	327392.0	4377171.9	1826.7	44.2	0	-90
YC-13	327313.1	4377307.1	1831.2	44.2	0	-90
YC-41	327256.3	4377276.9	1819.1	44.2	0	-90
YC-69	327253.4	4377204.0	1829.5	44.2	0	-90
YC-113	327230.5	4377229.5	1823.8	44.2	0	-90
YC-177	327295.3	4377130.5	1835.8	44.2	0	-90
YC-183	327337.7	4377082.3	1821.0	44.2	0	-90
YC-202	327420.5	4377267.4	1830.9	44.2	0	-90
YC-216	327622.1	4377248.5	1826.0	44.2	0	-90
DM-54	327599.3	4377358.4	1865.2	45.7	0	-90
YC-14A	327505.6	4377222.8	1850.4	45.7	0	-90
YC-3	327371.9	4377105.1	1820.9	47.2	0	-90
YC-200	327425.1	4377203.2	1828.8	47.2	0	-90
DM-58A	327636.4	4377386.6	1860.7	48.8	0	-90
DM-63	327654.9	4377349.4	1851.1	48.8	0	-90
DM-67	327668.1	4377304.3	1835.0	48.8	0	-90
DM-69	327636.2	4377299.8	1841.4	48.8	0	-90
DM-74	327612.5	4377326.9	1859.6	48.8	0	-90
DM-99	327598.3	4377389.1	1867.2	48.8	0	-90
DM-127	327604.0	4377399.9	1867.3	48.8	0	-90
YC-26	327513.1	4377149.9	1840.4	48.8	0	-90
YC-148	327280.7	4377060.7	1811.8	48.8	0	-90
YC-164	326750.5	4377566.0	1814.0	48.8	0	-90
YC-206	327452.1	4377206.3	1836.2	48.8	0	-90
YC-208	327500.2	4377161.2	1840.9	48.8	0	-90
YC-237	327340.5	4377029.2	1822.1	48.8	0	-90
YC-258	327256.8	4377064.7	1818.0	48.8	0	-90
YC-271	327599.1	4377200.3	1820.7	48.8	0	-90
YC-163	326883.0	4377521.8	1814.8	48.8	0	-90
YC-8	327400.1	4377147.6	1828.2	50.3	0	-90
YC-31	327660.1	4377362.2	1851.1	50.3	0	-90

YC-47	327341.3	4377123.3	1817.5	50.3	0	-90
YC-56	327215.4	4377307.2	1815.3	50.3	0	-90
YC-60	327293.7	4377186.7	1829.4	50.3	0	-90
YC-68A	327226.5	4377252.9	1823.0	50.3	0	-90
YC-72	327203.9	4377243.6	1817.3	50.3	0	-90
YC-85	327503.5	4376888.0	1818.1	50.3	0	-90
YC-205	327445.7	4377233.8	1836.8	50.3	0	-90
YC-217	327577.3	4377189.5	1824.9	50.3	0	-90
DM-1	327565.3	4377339.3	1864.4	51.8	0	-90
YC-28	327521.7	4377379.9	1857.2	51.8	0	-90
YC-210	327546.7	4377136.2	1828.1	51.8	0	-90
YC-151	327247.1	4377184.5	1836.8	53.3	0	-90
DM-3	327644.3	4377338.0	1850.9	54.9	0	-90
DM-7	327625.0	4377294.6	1842.7	54.9	0	-90
DM-57	327613.8	4377345.1	1861.5	54.9	0	-90
DM-80	327581.9	4377402.8	1867.9	54.9	0	-90
DM-89	327588.1	4377426.1	1865.1	54.9	0	-90
DM-100	327516.3	4377246.4	1819.9	54.9	0	-90
DM-105	327578.2	4377432.6	1862.7	54.9	0	-90
DM-109	327531.6	4377411.3	1857.6	54.9	0	-90
YC-166	327305.3	4377111.8	1821.4	54.9	0	-90
YC-171	327275.0	4377016.7	1817.1	54.9	0	-90
YC-209	327485.8	4377187.9	1841.7	54.9	0	-90
YC-213	327387.5	4377119.2	1826.7	54.9	0	-90
YC-286	327263.5	4377096.3	1827.6	54.9	0	-90
DM-8	327646.3	4377306.0	1840.0	56.4	0	-90
YC-4	327368.5	4377087.9	1821.5	56.4	0	-90
YC-11	327458.6	4377172.5	1836.4	56.4	0	-90
YC-30	327592.6	4377451.7	1858.1	56.4	0	-90
YC-32	327634.2	4377385.3	1860.5	56.4	0	-90
YC-33	327596.1	4377248.3	1831.5	56.4	0	-90
YC-58	327262.7	4377229.6	1830.4	56.4	0	-90
YC-70	327278.7	4377171.3	1837.2	56.4	0	-90
YC-78	327370.9	4377506.4	1834.2	56.4	0	-90
YC-115	327205.7	4377285.1	1819.5	56.4	0	-90
YC-127	327207.4	4377215.3	1826.2	56.4	0	-90
YC-147	327272.5	4377080.7	1820.6	56.4	0	-90
YC-245A	327245.5	4377053.9	1817.4	56.4	0	-90
YC-59	327225.2	4377202.3	1831.6	57.9	0	-90
YC-176	327216.9	4377025.7	1816.2	57.9	0	-90
YC-214	327020.1	4377365.8	1806.5	57.9	0	-90
YC-218	327580.3	4377190.7	1819.7	57.9	0	-90
YC-239	327341.7	4376997.6	1817.3	57.9	0	-90
DM-4	327558.4	4377260.6	1844.0	59.4	0	-90
YC-258E	327263.4	4377070.2	1818.4	59.4	0	-90
DM-2	327619.8	4377357.9	1860.2	61.0	0	-90
DM-17	327551.6	4377363.5	1863.2	61.0	0	-90
DM-18	327608.7	4377382.7	1866.6	61.0	0	-90
DM-25	327547.2	4377224.0	1842.3	61.0	0	-90
DM-48A	327586.4	4377310.2	1860.6	61.0	0	-90
DM-50	327581.1	4377376.5	1866.9	61.0	0	-90
DM-53	327611.1	4377367.5	1864.8	61.0	0	-90
DM-54A	327607.4	4377360.9	1864.3	61.0	0	-90
DM-56	327592.8	4377345.2	1864.6	61.0	0	-90
DM-75	327601.0	4377316.0	1859.2	61.0	0	-90

DM-78	327577.5	4377342.2	1866.0	61.0	0	-90
DM-79	327594.7	4377400.0	1868.2	61.0	0	-90
DM-81	327590.5	4377413.3	1868.0	61.0	0	-90
DM-88	327575.0	4377416.5	1865.7	61.0	0	-90
DM-106	327563.4	4377424.7	1862.2	61.0	0	-90
DM-107	327552.8	4377413.8	1862.2	61.0	0	-90
DM-128	327589.4	4377336.1	1863.6	61.0	0	-90
YC-18	327537.2	4377329.2	1857.8	61.0	0	-90
YC-42	327212.2	4377341.3	1813.6	61.0	0	-90
YC-140A	327279.5	4377138.8	1837.9	61.0	0	-90
YC-155	327253.4	4377105.8	1831.9	61.0	0	-90
YC-169	327255.9	4377022.9	1806.8	61.0	0	-90
YC-241	327285.9	4377024.0	1817.1	61.0	0	-90
YC-244A	327236.4	4377008.3	1813.4	61.0	0	-90
YC-287	327252.5	4377085.9	1826.3	61.0	0	-90
DM-85	327532.8	4377399.1	1859.7	62.5	0	-90
YC-17	327547.4	4377306.2	1857.2	62.5	0	-90
YC-54	327217.0	4377270.8	1822.8	62.5	0	-90
YC-62	327168.6	4377186.3	1820.1	62.5	0	-90
YC-81	327089.4	4377352.0	1804.1	62.5	0	-90
YC-123	327251.4	4377182.7	1837.6	62.5	0	-90
YC-240	327304.4	4377012.4	1821.4	62.5	0	-90
DM-76	327590.4	4377389.1	1867.8	64.0	0	-90
YC-61	327189.5	4377225.7	1821.0	64.0	0	-90
YC-114	327207.2	4377270.2	1819.5	64.0	0	-90
YC-194	326397.2	4377273.2	1791.4	64.0	0	-90
YC-291	327600.7	4377333.4	1861.7	64.0	0	-90
DM-5	327584.9	4377273.2	1845.0	67.1	0	-90
DM-11	327541.4	4377210.9	1843.1	67.1	0	-90
DM-12	327534.9	4377173.8	1843.1	67.1	0	-90
DM-19	327608.3	4377415.9	1867.9	67.1	0	-90
DM-20	327639.7	4377414.3	1861.2	67.1	0	-90
DM-21	327592.2	4377298.5	1857.9	67.1	0	-90
DM-28	327578.0	4377279.6	1850.5	67.1	0	-90
DM-47	327584.7	4377324.8	1862.4	67.1	0	-90
DM-52	327596.1	4377373.0	1866.8	67.1	0	-90
DM-55	327616.9	4377382.5	1864.1	67.1	0	-90
DM-62	327630.6	4377345.2	1857.5	67.1	0	-90
DM-77	327559.8	4377386.9	1866.0	67.1	0	-90
DM-87	327562.2	4377406.6	1865.4	67.1	0	-90
DM-92	327622.7	4377414.0	1865.7	67.1	0	-90
DM-98	327571.3	4377362.9	1866.1	67.1	0	-90
YC-29	327546.6	4377424.0	1858.4	67.1	0	-90
YC-170	327288.0	4377002.7	1821.6	67.1	0	-90
YC-186	326515.8	4377283.8	1797.7	67.1	0	-90
YC-192	327437.0	4377538.7	1832.9	67.1	0	-90
YC-236	327274.8	4377042.9	1809.7	67.1	0	-90
YC-246A	327221.8	4377034.7	1816.7	67.1	0	-90
YC-248	327300.3	4376996.2	1821.9	67.1	0	-90
YC-256A	327261.2	4376962.8	1813.9	67.1	0	-90
YC-288	327239.5	4377072.7	1823.8	67.1	0	-90
YC-289	327239.0	4377086.0	1827.4	67.1	0	-90
YC-290	327575.5	4377312.1	1861.0	67.1	0	-90
YC-303	327227.4	4377078.0	1827.2	67.1	0	-90
DM-44	327520.7	4377322.9	1854.5	68.6	0	-90

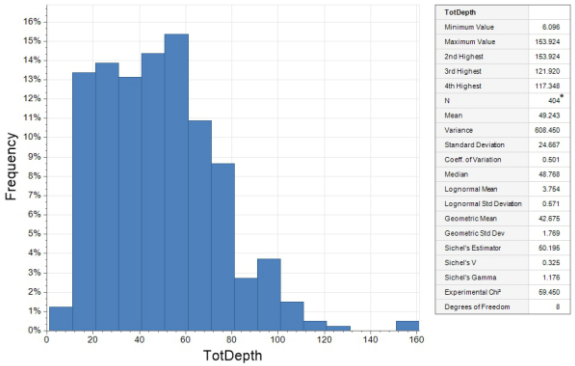
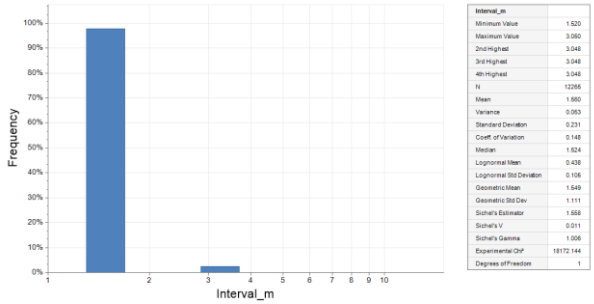
YC-37	327480.9	4377299.3	1845.3	68.6	0	-90
YC-262	327215.7	4377005.1	1806.3	68.6	0	-90
DM-24	327537.7	4377194.6	1842.4	70.1	0	-90
YC-67	326985.3	4377225.7	1803.9	70.1	0	-90
DM-9	327553.1	4377236.7	1842.4	73.2	0	-90
DM-29	327570.7	4377288.0	1854.2	73.2	0	-90
DM-30	327554.9	4377288.4	1854.2	73.2	0	-90
DM-31	327541.5	4377293.9	1854.9	73.2	0	-90
DM-34	327555.2	4377310.7	1859.1	73.2	0	-90
DM-49	327566.3	4377374.6	1866.2	73.2	0	-90
DM-84	327535.2	4377388.7	1860.2	73.2	0	-90
DM-134	327564.5	4377277.6	1850.6	73.2	0	-90
YC-188	327420.8	4377419.7	1843.2	73.2	0	-90
YC-195	327154.3	4377169.5	1818.7	73.2	0	-90
YC-250	327292.4	4376984.2	1817.5	73.2	0	-90
YC-63	327161.4	4377258.0	1812.2	74.7	0	-90
YC-64	327180.6	4377298.0	1812.0	74.7	0	-90
YC-131	327298.4	4377033.3	1819.4	74.7	0	-90
YC-136	327255.1	4377117.2	1839.6	74.7	0	-90
YC-138	327234.1	4377145.8	1837.9	74.7	0	-90
YC-149	327242.7	4377020.1	1808.6	74.7	0	-90
YC-158	327274.1	4377103.1	1827.6	76.2	0	-90
YC-159	327087.4	4376975.9	1802.1	76.2	0	-90
YC-161	327090.0	4376891.1	1796.8	76.2	0	-90
YC-165	326623.7	4377585.6	1807.8	76.2	0	-90
YC-172	327134.7	4376875.9	1795.3	76.2	0	-90
YC-187	326909.4	4377098.7	1794.1	76.2	0	-90
YC-215A	327012.6	4376766.5	1797.6	77.7	0	-90
DM-42	327546.3	4377345.5	1859.9	79.2	0	-90
DM-51	327583.5	4377356.3	1866.3	79.2	0	-90
DM-73	327564.1	4377356.7	1864.6	79.2	0	-90
DM-83	327546.9	4377380.2	1864.4	79.2	0	-90
DM-86	327553.8	4377394.9	1864.8	79.2	0	-90
YC-207	327500.6	4377196.5	1846.5	79.2	0	-90
YC-242	327263.3	4377008.7	1816.0	79.2	0	-90
YC-247	327230.8	4376989.2	1806.3	79.2	0	-90
YC-259	327281.2	4376991.4	1819.6	79.2	0	-90
YC-261	327227.7	4377020.4	1812.1	79.2	0	-90
YC-137	327210.6	4377175.6	1832.5	80.8	0	-90
YC-173	327140.8	4376920.2	1798.5	82.3	0	-90
YC-191	327494.2	4377544.4	1834.5	82.3	0	-90
YC-154	327206.4	4376916.8	1800.1	83.8	0	-90
YC-235E	327299.5	4377064.4	1813.9	83.8	0	-90
DM-32	327528.0	4377297.9	1852.3	85.3	0	-90
DM-46	327566.5	4377324.8	1861.4	85.3	0	-90
DM-82	327534.0	4377372.3	1860.0	85.3	0	-90
YC-175	327235.9	4377045.9	1817.3	85.3	0	-90
YC-190	327497.1	4377467.6	1844.2	85.3	0	-90
YC-36	327578.3	4377361.5	1866.6	86.9	0	-90
YC-10	327437.6	4377150.1	1836.4	88.4	0	-90
DM-14	327509.9	4377222.2	1823.1	91.4	0	-90
DM-41	327535.7	4377357.3	1861.9	91.4	0	-90
DM-114	327490.6	4377358.2	1849.6	91.4	0	-90
YC-174	327102.5	4376914.7	1797.0	91.4	0	-90
YC-189	327435.2	4377470.0	1844.3	91.4	0	-90

YC-197	327094.0	4377059.3	1811.9	91.4	0	-90
YC-201	327414.3	4377229.9	1828.5	91.4	0	-90
YC-238	327187.8	4376998.3	1814.9	91.4	0	-90
YC-24	327514.2	4377181.0	1845.6	94.5	0	-90
YC-139	327228.2	4377092.1	1830.4	94.5	0	-90
DM-23	327522.8	4377185.6	1843.1	97.5	0	-90
YC-243	327251.0	4376995.1	1812.7	97.5	0	-90
YC-257	327291.0	4376941.9	1812.1	97.5	0	-90
YCAH-2	327475.2	4377284.8	1843.4	97.5	37	-45
YC-150	327187.9	4376964.2	1809.8	99.1	0	-90
DM-36	327492.9	4377298.2	1847.4	103.6	0	-90
YCAH-1	327476.9	4377286.3	1843.4	103.6	37	-30
YCAH-6	327475.0	4377286.4	1843.4	103.6	15	-45
YC-16	327504.2	4377318.0	1850.8	105.2	0	-90
YCAH-3	327474.6	4377283.7	1843.4	105.2	37	-70
YCAH-4	327469.9	4377250.2	1842.5	109.7	51	-45
YCAH-5	327471.2	4377255.2	1842.5	114.3	34	-45
YC-122	327288.0	4377092.5	1821.4	117.3	0	-90
YC-12	327570.8	4377393.8	1866.9	121.9	0	-90
YC-65	327148.0	4377328.0	1807.0	153.9	0	-90
YC-66	327045.1	4377235.1	1805.6	153.9	0	-90

Appendix 3: JORC Code, 2012 Edition – Table 1 Report in relation to historical drilling

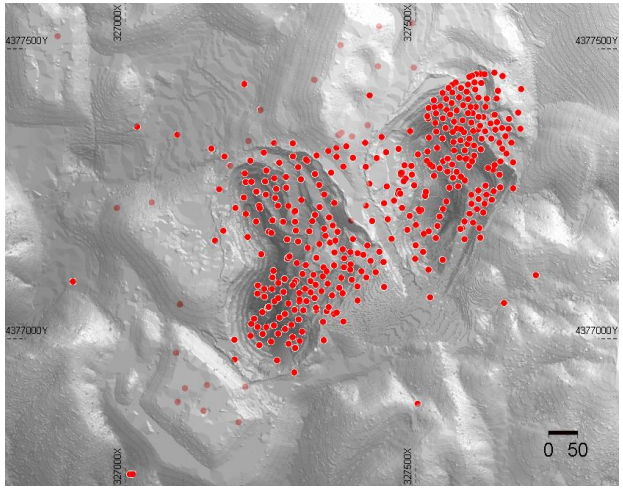
Section 1 - Sampling Techniques and Data

(Criterial in this section apply to all succeeding sections)

Criteria of JORC Code 2012	***JORC Code (2012) explanation***	***Details of the Reported Project***
Sampling techniques	*Nature and quality of sampling (e.g. 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.*	*The exploration data presented in this announcement is based on the exploration drilling, undertaken in 1980's in the Yellow Cat deposit area. Alderan's database contains 404 drillholes. Total length of these drillholes is 19,894m, average depth 49m (Figure A1.1).*  ***Figure A1.1:*** *Histogram of the drillhole length.* *The drill holes were sampled at regular, 5ft intervals, approximately 1 .5m (Figure A1.2), with a small proportion of samples were 3m (10ft), which were collected from the barren intervals. In total, 5425 samples were collected and assayed for Au.*  ***Figure A1.2:*** *Histogram of the sample lengths*

	Include reference to measures taken to ensure sample representativeness and the appropriate calibration of any measurement tools or systems used.	*Sample length was 5ft (approximately 1 .5m) that provides good representative material for the gold assays and mineralisation grade estimation.*
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.	*The drillhole samples were analysed for gold. No information about regarding minor and trace elements.*
Drilling techniques	*Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).*	*No definitive information, based on the available documentation the drilling was RC and open-hole hammer types.*
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.*	*Information not available as the exploration results in this announcement are the result of a review of the data from historical drilling activities.*
	Measures taken to maximize sample recovery and ensure representative nature of the samples.	*Industry standard practices that were in place in Northern America in the mid-1980s were used.*
	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.	*Not applicable as the exploration results in this announcement are the result of a review of the data from historical drilling activities.*

Logging	*Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.*	*Drilling was supervised by the geologists of the Nevada Resources Inc. and Western States Mining Corp. Rock chips were geologically logged initially in field, and then, all drill cuttings (rock chips) were placed in the boxes and later reviewed, and logging revised in the office. The paper log sheets were available for the Alderan geologists.*
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.	*Geologic logging was qualitative.*
	The total length and percentage of the relevant intersections logged.	*The database contains drillhole logs for 8,286 samples, total length 13.207m of drillholes, which is approximately 66% of the total length of the drillholes at the Yellow Cat deposit area.*
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken*	*Not applicable, non-core drilling was used.*
	If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.	*Information not available as the exploration results in this announcement are the result of a review of the data from historical drilling activities.*
	For all sample types, the nature, quality, and appropriateness of the sample preparation technique.	*The drillhole samples have been prepared and analysed at the Western States Mining Corp. labs at Elko, NV and Delta, UT which were operated following the industry standard practices that were in place in Northern America in the 1980's.*
	Quality control procedures adopted for all sub-sampling stages to maximise representativeness of samples.	*Samples were assayed using conventional fire assay method with gravity finish. There is no documentation of the QA/QC practices and the results.*
	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.	*Most of the drill holes were oriented and drilled vertically down that is appropriate for accurate delineation of the gently dipping gold-bearing stratigraphic units.*
	Whether sample sizes are appropriate to the grain size of the material being sampled.	*Initial sample, 5 ft (approximately 1.5m) of RC material, is an industry standard for gold exploration.* *Sub-sampling information is not available*
Quality of assay data and laboratory tests	*The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*	*Samples were assayed using conventional fire assay method with gravity finish, which was the industry standard practices that were in place in Northern America in the mid-1980's were used.*
	For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations	*Not applicable. This ASX announcement reports only drilling data, portable XRF was not used.*

	factors applied and their derivation, etc.	
	Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	*QA/QC information is historic in nature; therefore, the nature of QA/QC is not available.*
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	*Not applicable. The current announcement reports exploration drilling results obtained in 1980's.*
	The use of twinned holes.	*Twin holes were not used during exploration drilling at the Yellow Cat deposit area in 1980's.*
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	*Hard copies of the original documentation were received from the previous owners and digitized by Alderan team. All digital data are safely stored in the company office in Perth.*
	Discuss any adjustment to assay data.	*Not applicable - no adjustments made to the data.*
Location of data points	*Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	*Location of the drillhole collars is shown on the Figure A1.3 and in the Appendix-2. A local grid was established and used to control drilling. RL of the collar coordinates was deduced from the topographic map, which was revised by draping the collars onto pre-mine DTM generated using the topographic maps available in the 1980's reports.*  ***Figure A1.3****: map showing distribution of the collars of the drillholes drilled at the Yellow Cat prospect in the early 1980's.*

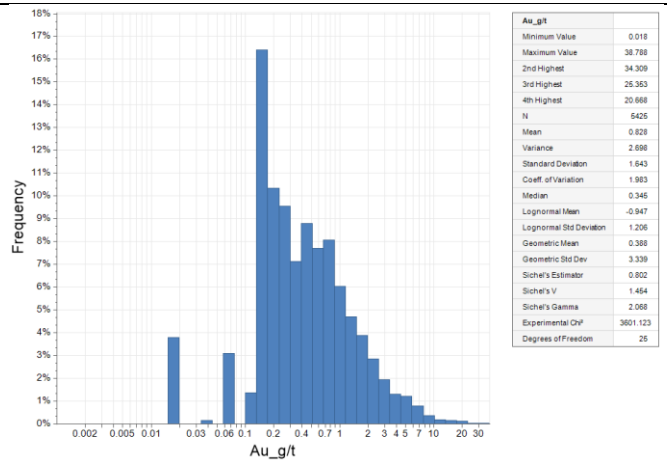
	Specification of the grid system used.	*All original data were converted to UTM zone 12 (North) NAD83 grid.*
	Quality and adequacy of topographic control.	*RL of the drillhole collars located outside of the open pits have been compared with the high resolution DTM model generated using the Drone survey and found of an acceptable accuracy.*
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	*Drillholes were drilled following the grid of approximately 15-20 x 15-20m within the central parts of the mineralised bodies (Figure A1.3). Outside of the open pits the drilling grid has increased to 60-80m x 90-100m and was irregular (Figure A1.3).*
	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.	*Location of the drillholes and their spatial distribution are applicable for quantitative assessment of the project area, allowing to quantify geological and grade continuities of the gold mineralisation. This data was used for assessment of the exploration target, representing the residual (un-mined) mineralisation defined by drilling in 1980's. The data was not used for estimation of the Mineral Resources because of lacking the QA/QC information.*
	Whether sample compositing has been applied.	*Sampled material was not bulked and/or composited in any of the physical manners.*
Orientation of data in relation to geological structure	*Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*	*Most of the drillholes were drilled vertically down that allows to cut contacts of the gold lodes and the host stratigraphy at the high angles (quasi-perpendicular) to their strike.* *6 holes were drilled inclined, with the dip angle laying in the range of -30^0 to –60^0.*
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	*The orientation of the drilling at high angle to the contacts of the lodes is optimal for delineation of the mineralised bodies allowing to obtain non-biased results.*
Sample security	*The measures taken to ensure sample security*	*Information regarding the field procedures is not available given the historic nature of the data.* *The digital data are securely stored at the company database*
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	*Information not available regarding any audits or reviews given the historic nature of the data.*

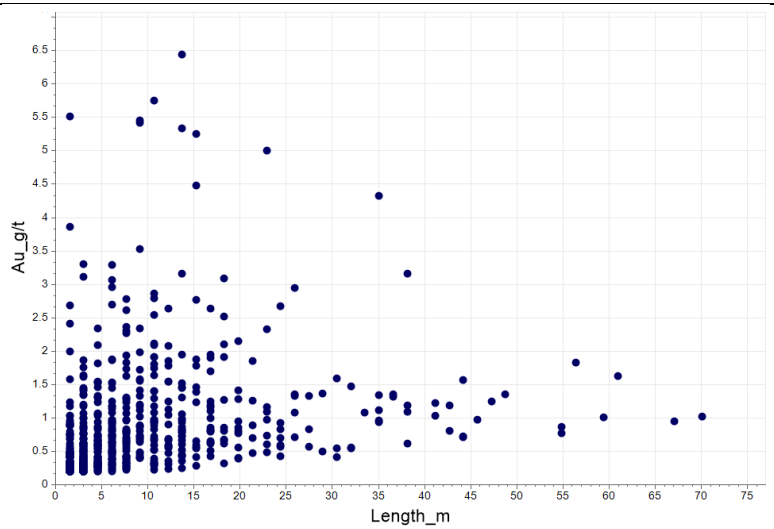
Section 2 – Reporting of Exploration Results

(Criterial in this section apply to all succeeding sections)

Criteria of JORC Code 2012	JORC Code (2012) explanation	Details of the Reported Project
Mineral tenement and land tenure status	*Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.*	*All drill sites are located on unpatented lode claims owned by North Exploration LLC. The claims are subject to a Mining Lease with Option to Purchase Agreement dated 27 September 2021 between North Exploration and Valyrian Resources Corp. See ASX release dated 30 September 2021. Some of North Exploration's mining claims have been over-pegged by later applications. Legal due diligence however has confirmed that the North claims pre-date these later applications. It is Alderan's view that North Exploration's claims are senior and valid. Any expenditure required to prove the validity of the mining claims will be credited to required work commitment expenditures.*
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.	*Title is maintained in accordance with the General Mining Act of 1872 and its associated regulations. The claims are valid and in good standing. The claims have been properly located and monumented. The claims may be freely transferable under the terms of the Option Agreement, subject only to the paramount title of the United States of America.*
Exploration done by other parties (2.2)	*Acknowledgment and appraisal of exploration by other parties.*	*The Drum Mountains of west central Utah have long been a subject of mining and exploration for gold, copper, and manganese, starting from 1800's and continued until early 1900's. This was followed by renewed interest in beryllium, gold, manganese, and uranium in the past 20 years.* *Gold and copper were discovered in the Drum Mountains in 1872, and from 1904 to 1917, gold, silver, and copper was produced from siliceous replacement fissure deposits in jasperoids, limestone and dolomite, for a total value of about $46,000.* *Exploration for gold and base metals intermittently continued through the entire 20th century. In particular, since early 1960's, when jasperoids similar to that commonly found in highly productive gold mining districts have been identified in the Drum Mountains of Utah, the specialised studies of the jasperoids have been undertaken by USGS and the different mining companies. Sampling of these rocks commonly reveals anomalous concentrations of gold.*
Geology	*Deposit type, geological setting, and style of mineralisation.*	*The mineralisation presented at the Drum area includes different types and mineralisation styles, main of which are Carlin-like gold, gold-bearing skarns, Cu-Mo-Au porphyries, and Marigold-type.* *The focus of the Alderan's exploration efforts at the Mizpah prospect area of Detroit/Drum is to discover a Carlin-like gold deposit. Key feature of Carlin-like deposits includes:* *a) Favorable permeable reactive rocks (silty limestones and limey siltstones)* *b) Favorable structures often coincident with mineral-related intrusive* *c) Gold-bearing hydrothermal solutions* *d) Micron-sized gold in fine-grained disseminated pyrite* *e) Common geochemical indicators are: As, Sb, Ba, Te, Se, Hg* *f) Common argillization, development of the jasperoids and decalcification of the host rocks.* *This mineralisation was explored, and mineralised bodies delineated in the Mizpah area by the drillholes, that are presented in this announcement.*

		Other types of mineralisation, representing exploration targets of Alderan in the Drum mountains area includes: 1. *Intrusion hosted/related gold mineralisation positions.* 2. *Marigold style brecciated quartzites, which can spatially associate with the Carlin-like mineralisation.* 3. *Magnetite copper-gold skarns that were identified through the ground magnetics.*
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:*	*In early 1980s total, the Yellow Cat deposit area has been explored and intensely drilled by Nevada Resources and Western States Minerals Corp.* *The database compiled by Alderan contains 404 reverse circulation drillholes.* *Location of the drillhole collars is presented in the Figure A1.3 and the depth of drilling is presented in the Figure A1.1. Mineralised intersections estimated using the 0.2 g/t Au as the lower cut-off are reported in the summary table shown at Appendix 1.* *The holes were shallow, average length 49m, and drilled vertically down.*
	Easting and Northing of the drill hole collar. Elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar.	
	Dip and azimuth of the hole.	
	Down hole length and interception depth and *hole length.*	
	If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	*Drillhole information adequately presented in the Appendix 1 and Appendix 2. It also shown on the diagrams without exclusions.*
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.*	*Length weighted average was used for estimation the grade of the intersection. The samples grade of the mineralised interval varied from 0.018 to 38.8 g/t Au (Figure A2.1).*

		 Au_g/t Minimum Value 0.018 Maximum Value 38.788 2nd Highest 34.309 3rd Highest 25.353 4th Highest 20.668 N 5425 Mean 0.828 Variance 2.698 Standard Deviation 1.643 Coeff. of Variation 1.983 Median 0.345 Lognormal Mean -0.947 Lognormal Std Deviation 1.206 Geometric Mean 0.388 Geometric Std Dev 3.339 Sichel's Estimatbr 0.802 Sichel's V 1.464 Sichel's Gamma 2.068 Experimental Chi² 3601.123 Degrees of Freedom 26 ***Figure A2.1:*** *Histogram of the sample grades*
	Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	*The intersections presented in the Appendix 1 have been estimated using the length weighing method, which is a standard technique broadly used at the mining industry.* *The grade and tonnage of mineralisation reporting in this ASX announcement as exploration target were determined by estimating the drillhole samples grades composited to 1.5m composites into the block model. Estimation was made using Multiple Indicator Kriging.*
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	*Not applicable, this ASX announcement reports the gold grade.*
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.*	*The drill holes were drilled vertically down that is approximately perpendicular to the gently dipping gold mineralisation and provides intersections which lengths reasonably approximate the true thicknesses of the gold lodes.*
	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	*Mineralisation is dipping at approximately 15º degrees at the 220º Azimuth.*
	If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	*Grade and length of mineralised intersections, estimated using 0.2g/t Au as lower cut-of, are presented on the Figure A2.2. Because the drilling was oriented approximately perpendicular to the strike of the gold lodes it is assumed that reported intersections (Figure A2.2) are closely approximate their true thickness.*

		 ***Figure A2.2:*** *Grade vs. Thickness of the mineralised intersections, that were defined using 0.2g/t Au as the lower cut-off.*
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	*Maps and tables are presented in the text of the release and in the JORC Table 1.*
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.*	*The release is focused on presenting the quantitative assessment results of the exploration targets based on the 1980's drilling at the Yellow Cat gold project. This was made by estimating the sample grades in to block model using the Multiple Indicator Kriging. Data and results of the study are summarized and reported concisely.* *In particular, the mineralised intersections estimated applying the Au $\geq$ 0.2 g/t cut off are summarized in the Appendix 1 that includes the weighted average grade of intersections and their downhole thicknesses. Additional information is adequately reported on the diagrams (Figures A1.2, A1.2, A1.3, A2.1 and A2.3).*

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.*	*Alderan geologists visiting the Yellow Cat deposit area have noted presence of a broadly distributed alteration consisting of localized silicification and decalcification in the pit areas. Iron oxides after gold-bearing sulfides, commonly occur in structures exposed in the pit walls and extend along strike away from the pit exposures.*
Further work	*The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	*The extension of the Yellow Cat gold lodes and new targets will be explored by drilling during the next phase of exploration which is currently planned and will be announced separately. This will include detailed IP survey that proved to be successful for generating the exploration targets in the central parts of the Drum-Detroit project of Alderan.*