

## Alderan Intersects 30m Copper Mineralised Zone at New Years Copper Prospect, Cactus District, Utah, USA

- up to 23.2% copper in averaged pXRF assay intervals in core

### HIGHLIGHTS

- Two holes intersected high grade copper mineralisation in Alderan's Stage 1 drilling programme at New Years copper prospect in the Cactus copper-gold district, Utah.
- Hole NY2024-DDH2 intersected copper mineralisation from 10-40m down hole with averaged pXRF drill core assay intervals up to 23.2% copper. A second 2m zone of mineralisation at 72m downhole has spot pXRF grades up to 28.0% copper.
- Hole NY2024-DDH3 has intersected visible oxide copper mineralisation from surface to a depth of 99m downhole – pXRF assaying in progress.
- Copper mineralisation occurs in tourmaline breccia, the same rock that hosts the neighbouring historical Cactus copper-gold deposit which mined 2.0% copper ore.
- The preliminary logging and pXRF readings suggest that the drill holes may have significantly extended the mineralised zones reported in historical holes NY-6 and NY-2 which intersected 13.7m @ 2.32% Cu within 19.8m @ 1.67% Cu from 22.9m downhole and 10.7m @ 1.52% Cu within 27.4m @ 0.85% Cu from surface respectively.
- Alderan is now completing permitting for a follow-up drilling programme at New Years.



**Figure 1: High grade copper mineralisation in tourmaline breccia which contains pXRF grades up to 45.5% copper within the interval 14-16m down hole NY2024-DDH2**

**Cautionary Note:** Visual estimates and pXRF readings described in this release and detailed in Appendix 3 should not be considered a proxy or substitute for laboratory analyses. Laboratory assays are required to determine representative grades and mineralisation intervals reported from geological logging and pXRF readings. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations. Drill core from this

programme is being sampled for laboratory analysis at ALS laboratories and results will be reported as soon as they become available.

**Alderan Resources Limited (ASX: AL8) (Alderan or the Company)** is pleased to advise that its Stage 1 drilling programme at the New Years copper prospect in the Cactus copper-gold (Cu-Au) district in Utah, USA has intersected **high grade copper mineralisation based on visual inspection and pXRF readings on the drill core**. Spot pXRF readings reach grades of 45.5% copper between 14.0-14.2m down hole NY2024-DDH2 with the average of three separate readings over this interval being 23.2% copper (see Figure 2). This sits within a 30m interval from 10.8m downhole which contains high pXRF copper grades (see Appendix 3).

The Stage 1 drilling at New Years is a three hole (319m) programme aimed at verifying copper mineralisation intersected in historical holes drilled in 1964 and 2002 plus identifying geological controls on mineralisation.<sup>1</sup> Stage



**Figure 2:** NY2024-DDH2 drill core at 14.0-14.2m downhole. The pXRF copper grade over 3 readings averages 23.2%.

2 drilling, which will be dependent on the final Stage 1 results, will focus on extending the mineralisation intersected in Stage 1 and testing geophysical targets. Sampling for lab analysis and detailed geological logging of the holes is still in progress and final design of Stage 2 drill sites is underway. Archaeological inspections required for permitting the proposed Stage 2 drill sites is also underway.

**Managing Director of Alderan, Scott Caithness, commented:**

*“The visual estimates and pXRF spot readings on the core from the second and third holes drilled in the New Years programme are very exciting with both indicating that near surface potentially high grades of copper mineralisation have been intersected. There is also clear evidence that copper rich sulphide mineralisation occurs deeper in the breccia pipe.*”

*“The 30m copper mineralised intersection in Alderan’s hole NY2024-DDH2 from 10m downhole appears to broadly correlate and extend the historical hole NY-6 intersection which was 13.7m @ 2.32% Cu within 19.8m @ 1.67% Cu from 22.9m downhole. Although pXRF assays are not yet available, based on visuals hole NY2024-DDH3 appears to have intersected copper mineralisation to a depth of around 99m from surface – much deeper than historical hole NY-2.*”

*“The Stage 1 drilling programme has been completed with detailed geological logging of the core and sampling for lab analysis now underway. Work has also commenced on final design and permitting for follow-up drilling”*

### **New Years Drilling – Initial Results**

Alderan has completed a three hole diamond drilling programme to verify three historical holes drilled in 1964 and 2002 which intersected high grade copper plus identify the controls on mineralisation at the New Years copper project in the Cactus District in Utah. Two of the historical holes are located on the old New Years prospect where hole NY-2 intersected **10.7m @ 1.52% Cu** within **27.4m @ 0.85% Cu** from surface and NY-6 intersected **13.7m @**

<sup>1</sup> Refer Alderan ASX announcements dated 19 Septemebr 2024, 29 August 2024, 29 July 2024



2.32% Cu within 19.8m @ 1.67% Cu from 22.9m downhole. The third hole, NYM-1 which was drilled in 2002 and intersected 10.7m @ 1.60% Cu and 4.6m @ 1.3% Cu within 42.7m @ 0.80% Cu from surface, had up to four different locations in old reports with the most likely site believed to be the co-ordinates on the original drill log. This placed the hole midway between the historical Cactus copper-gold mine and the New Years prospect.



**Figure 3:** Alderan's drill holes (yellow) and historical holes (white) at New Years plus the location of the Cactus and Comet historical copper-gold mines.

Alderan holes NY2024-DDH2 and NY2024-DDH3, which were drilled to verify NY-6 and NY-2 respectively, have intersected significant **visual copper mineralisation**. **The mineralisation is supported by spot high copper grades in pXRF readings down hole NY2024-DDH2** while readings down NY2024-DDH3 are in progress. Hole NY2024-DDH1 was abandoned at a depth of 47m due to the fresh, unaltered and unmineralized intrusive rocks down the hole not correlating with the oxidized and mineralised rocks in the historical log of NYM-1. It was concluded that hole NYM-1 was not drilled at the location written on its drill log.

Hole NY2024-DDH2 was collared on the top of the New Years hill and drilled to a depth of 121.3m. Preliminary logging of the hole indicates that it intersected tourmaline breccia through the entire length of the hole apart from a short 10m zone of intrusive evident from 60-70m downhole. The breccia consists of coarse intrusive clasts up to cobble size within a black fine grained tourmaline rich matrix, the same rock type which hosts the neighbouring Cactus copper-gold mine. Copper oxide mineralisation consisting of malachite, azurite and cuprite is evident in the core from around 10m downhole and extends to a depth of 40m. Chalcopyrite and pyrite is observed at 71-73m with pXRF readings for the interval averaging 6.7% copper.

Hole NY2024-DDH3 was collared approximately 20m north of NY2024-DDH2 on the northern slope of the New Years hill. It has intersected visual copper oxide mineralisation, azurite and malachite, from surface to a depth of approximately 99m. The mineralisation appears to be occurring in narrow fractures in the rock and is also

disseminated in the tourmaline matrix. Visible pyrite and chalcopyrite sulphide mineralisation occur from around 37m downhole and extend to the end of the hole at 121.9m. The hole intersected a 1.5m void at a depth of 90m which is likely to be an opening from the old mining at New Years. pXRF readings along the length of the hole are in progress.



**Figure 4:** NY2024-DDH2 looking southeast with the historical Cactus copper-gold mine workings in the background

#### **pXRF Analyses of New Years Drill Core**

Alderan is collecting pXRF readings at approximately 1 metre intervals down the New Years drill holes. While these readings and the visual estimates provide confidence that copper mineralisation has been intersected down the holes, they may not be reflective of the absolute copper content and should not be considered a proxy or substitute for laboratory analyses. Samples are currently being prepared for analysis in a commercial laboratory which will determine the representative grades and mineralisation intervals in the drill core.

Alderan's pXRF collection process involves collecting three spot readings on the core over approximately 20cm every metre down the hole. The readings will typically include a spot location which the sampler believes may contain copper mineralisation and then two additional readings on the core approximately 10cm either side of this



initial reading. These second and third spot readings at a location may or may not have observed mineralisation. The three pXRF readings are then averaged to provide a final reading for the 1m interval.

All readings and averages collected to date are included in Appendix 3.

### Next Steps

All drill holes in the current programme are being logged in detail and sampled for lab analysis. Archaeological inspection over the New Years prospect area is being carried out as part of the preparation for a Stage 2 drilling programme. This inspection is standard procedure in Utah's historical mining districts prior to approval from Utah's Department of Oil, Gas & Mining for this drilling. Stage 2 drill sites will be finalised following assessment of the initial drilling results.

**END**

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

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### About Alderan Resources Limited

Alderan Resources specialises in critical and precious metal exploration.<sup>2</sup> The Company has eight (8) lithium projects in Minas Gerais and Bahia, Brazil plus copper and gold projects in Utah, USA with tenements held either directly or through option agreements via Alderan's USA subsidiaries, Volantis Resources Corp and Valyrian Resources Corp (see Figures 5 & 6). Alderan's objective is to rapidly discover, delineate and develop critical metal and gold deposits for mining. The Company's project portfolio has high potential for discovery as it lies in under-explored geological belts with similar geology to neighbouring mining districts. Our exploration plans also include reviewing new opportunities to secure and upgrade our pipeline of projects.

For more information please visit: <https://alderanresources.com.au/>

### Competent Persons Statement

The information contained in this announcement that relates to exploration results is based on, and fairly reflects, information compiled by Mr Scott Caithness, who is a Member of the Australian Institute of Mining and Metallurgy. Mr Caithness is the Managing Director of Alderan and has sufficient experience which is relevant to the style of

<sup>2</sup> <https://www.energy.gov/cmm/what-are-critical-materials-and-critical-minerals>

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'. Mr Caithness consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears. Mr Caithness holds securities in the Company.

### Cautionary Statements

The Company stresses that the pre-Alderan assay data from historical soil samples and drill holes noted in this announcement were not subject to modern quality assurance and quality control practices and hence are not JORC compliant. All historical assays for soils, rocks and drill holes are regarded as indicative of exploration potential only.

In relation to the disclosure of pXRF and visual results, the Company cautions that estimates of copper mineral abundance from pXRF or visual results should not be considered a proxy for quantitative analysis of a laboratory assay result. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations. Assay results are required to determine the actual widths and grade of the mineralisation. Drill core from this programme is being sampled for laboratory analysis at ALS laboratories and results will be reported as soon as they become available.

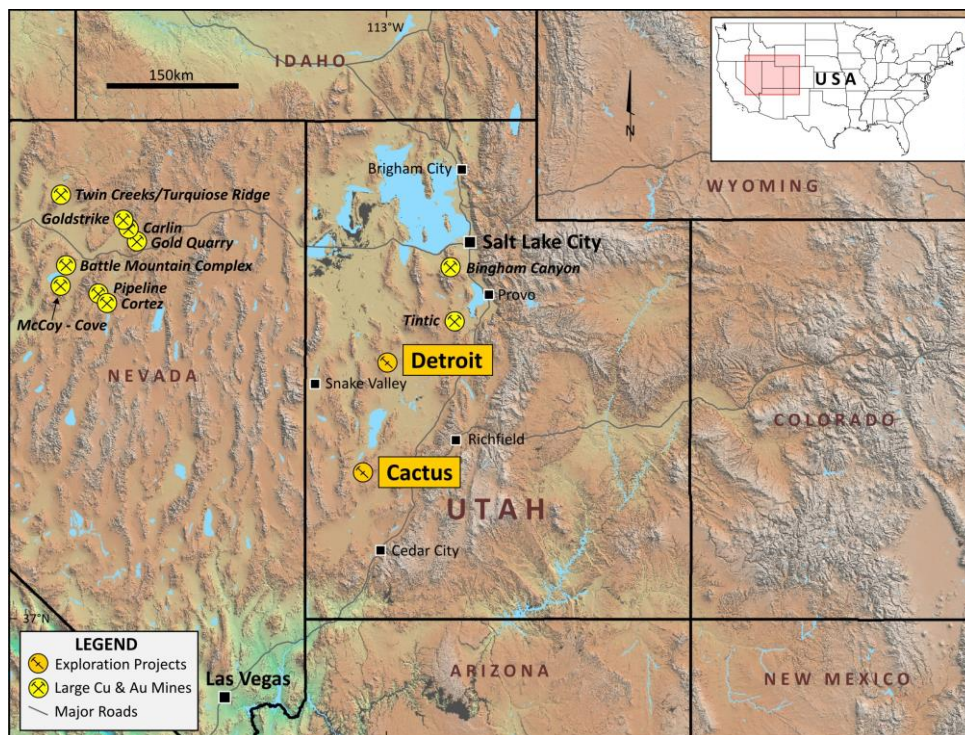


Figure 5: Alderan Resources project locations in Utah, USA.



Figure 6: Alderan Resources project locations in Minas Gerais and Bahia, Brazil.



**Appendix 1: JORC Code, 2012 Edition – Table 1 Report in relation to soil sampling at the Frisco project, Utah, USA.**

**Section 1 - Sampling Techniques and Data**

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

<b>Criteria of JORC Code 2012</b>	<b>JORC Code (2012) explanation</b>	<b>Details of the Reported Project</b>
<p><i>Sampling techniques</i></p>	<p><i>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.</i></p>	<p>Sampling of the drill core for holes NY2024-DDH1-3 is currently in progress. This sampling will be carried out at 2m intervals down the length of the holes with samples submitted for lab analysis for 53 elements using ICP-MS.</p> <p>pXRF spot readings have been collected at approximately 1m intervals down the holes. Three spot readings have been taken over approximately 20cm at each interval and then the copper assays averaged to give a reading for the interval. These readings are detailed in Appendix 3 of this announcement. This provides an indication of copper mineralisation but is not a proxy or substitute for lab assays. The lab assays will ultimately determine the levels of copper mineralisation in the holes.</p>
	<p><i>Include reference to measures taken to ensure sample representativeness and the appropriate calibration of any measurement tools or systems used.</i></p>	<p>pXRF spot readings were collected using a standard procedure consisting of three readings over 20cm at one metre intervals down the holes. The three copper readings have then been averaged to give an indicative pXRF copper grade for the interval. These readings are detailed in Appendix 3 of this announcement.</p> <p>The Olympus pXRF machine used for the spot readings has undergone daily calibration checks against standards. It's calibration was also certified against six separate standards by the Olympus Scientific Solutions Americas on 1 July 2024. These standards included OREAS 98 for copper sulphide ore.</p>
	<p><i>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</i></p>	<p>The drilling was carried out using a track mounted diamond drill rig. HQ sized drill core was collected throughout the holes. The drill core is currently being cut and sampled at 2m intervals as per standard industry practice for submission to the ALS commercial laboratory in Nevada for ICP-MS analysis. The analytical results will be reported as soon as they are available.</p> <p>Alderan has collected pXRF readings down the holes using a standard procedure consisting of three spot readings over 20cm at one metre intervals down the un-cut core. The three copper readings have then been averaged to give an indicative pXRF copper grade for the interval. These readings are detailed in Appendix 3 of this announcement. This provides an indication of copper mineralisation but is not a proxy or substitute for lab assays. The lab assays will ultimately determine the levels of copper mineralisation in the holes.</p>

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	<i>(e.g. submarine nodules) may warrant disclosure of detailed information.</i>	
<i>Drilling techniques</i>	<i>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.).</i>	All holes were drilled using a track mounted Odyssey Versa 1.4 diamond drill rig which produced HQ sized drill core. All holes were vertical and aimed at verifying adjacent historical vertical holes drilled in 1964 and 2002.
<i>Drill sample recovery</i>	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	Drill core recoveries are currently being calculated as part of the detailed logging of the holes which is currently underway. The initial assessment is that there has been no significant core loss although hole NY2024-DDH3 intersected two cavities at approximately 91m down hole which are interpreted to be historical mine openings.
	<i>Measures taken to maximize sample recovery and ensure representative nature of the samples.</i>	
	<i>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.</i>	
<i>Logging</i>	<i>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.</i>	The information in this announcement is based on preliminary logging of the drill holes which is semi qualitative. Detailed logging of the holes may result in some variations but these are not expected to significantly alter the current logs of the holes. All holes will be photographed and core recoveries calculated.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i>	
	<i>The total length and percentage of the relevant intersections logged.</i>	
<i>Sub-sampling techniques and sample preparation</i>	<i>If core, whether cut or sawn and whether quarter, half or all core taken</i>	The core is currently being cut for lab analysis. This will be carried out on half core.  The pXRF readings have been collected on the surface of cleaned, uncut drill core.
	<i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i>	Not applicable

	<i>For all sample types, the nature, quality, and appropriateness of the sample preparation technique.</i>	Not applicable. Samples are yet to be submitted to laboratory for preparation and analysis
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representativeness of samples.</i>	Not applicable. Samples are yet to be submitted to laboratory for preparation and analysis
	<i>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.</i>	The samples to be submitted to the lab for analysis will consist of half core collected at 2m intervals down the holes. This is considered to be adequate to provide representative samples for the holes.  The pXRF readings provide an indication of copper mineralisation but are not a proxy or substitute for lab assays. The lab assays will ultimately determine the levels of copper mineralisation in the holes.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	Not applicable. Final logging of the holes is not yet complete and samples are yet to be submitted to laboratory for preparation and analysis.
<i>Quality of assay data and laboratory tests</i>	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	Not applicable. Samples are yet to be submitted to laboratory for preparation and analysis  The pXRF analysis was carried out using an Olympus Vanta pXRF analyzer. Alderan collected readings down the holes using a standard procedure consisting of three spot readings over 20cm at one metre intervals down the un-cut core. The three copper readings have then been averaged to give an indicative pXRF copper grade for each interval. These readings are detailed in Appendix 3 of this announcement.  The pXRF readings provide an indication of copper mineralisation but are not a proxy or substitute for lab assays. The lab assays will ultimately determine the levels of copper mineralisation in the holes.
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i>	The pXRF analysis was carried out using an Olympus Vanta pXRF analyzer model VMR-XXX. Alderan collected readings down the holes using a standard procedure consisting of three spot readings over 20cm at typically one metre intervals down the un-cut core. The three copper readings have then been averaged to give an indicative pXRF copper grade for each interval. The machine was operated at the daily ambient temperature typically in the range of 15-25 degrees celsius in a core shed in Utah, USA. Individual reading times are typically for 20 seconds and all readings, including reading times, are detailed in Appendix 3 of this announcement.  The pXRF machine was calibrated and certified on 1 July 2024 by Olympus Scientific Solutions using six standard Certified Reference Materials produced by Analytical Reference Materials International (ARMI), NIST and other certified materials. The machine was checked daily with a calibration check, and readings against a blank and a standard reference material.  The pXRF readings provide an indication of copper mineralisation but are not a proxy or substitute for lab assays. The lab assays will ultimately determine the levels of copper mineralisation in the holes.
	<i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of</i>	The pXRF analysis process consisted of collecting readings down the holes using a standard procedure consisting of three spot readings over 20cm at one metre intervals down the un-cut core. These readings provide an indication of copper mineralisation but are not a proxy or substitute for lab assays. The lab assays will ultimately determine the levels of copper mineralisation in the holes.



	<i>accuracy (i.e. lack of bias) and precision have been established.</i>	All pXRF assays will be checked by lab analysis with 2m samples of half core currently being collected down the holes for submission to the ALS laboratory in Nevada for ICP-MS analysis.
<i>Verification of sampling and assaying</i>	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	Not applicable.
	<i>The use of twinned holes.</i>	All three holes in this programme were designed to verify historical holes drilled in 1964 and 2002.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	All data has been stored electronically in the company's secure digital database
	<i>Discuss any adjustment to assay data.</i>	See Appendix 3 for all pXRF readings collected to date and the averaging carried out
<i>Location of data points</i>	<i>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.</i>	All sample sites were located using a Garmin GPS.
	<i>Specification of the grid system used.</i>	All data are recorded in a UTM zone 12 (North) NAD83 grid.
	<i>Quality and adequacy of topographic control.</i>	The elevation data for sample sites is collected by the Garmin GPS used to locate each sample site. Elevation data is not considered critical. No new data has been generated for this announcement.
<i>Data spacing and distribution</i>	<i>Data spacing for reporting of Exploration Results.</i>	pXRF readings were collected at 1m intervals down the holes.
	<i>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.</i>	The pXRF readings provide an indication of copper mineralisation but are not a proxy or substitute for lab assays. The lab assays will ultimately determine the levels of copper mineralisation in the holes. All pXRF assays will be checked by lab analysis with 2m samples of half core currently being collected down the holes for submission to the ALS laboratory in Nevada for ICP-MS analysis.
	<i>Whether sample compositing has been applied.</i>	No applicable.
<i>Orientation of data in relation to geological structure</i>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	All three holes in this programme were designed to verify historical holes drilled in 1964 and 2002. No structural information has been used to site or orient the holes.

	<i>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.</i>	Not applicable.
Sample security	<i>The measures taken to ensure sample security</i>	No applicable. Samples are yet to be submitted to laboratory for preparation and analysis
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	Not Applicable

**Section 2 – Reporting of Exploration Results**  
*(Criteria in this section apply to all succeeding sections)*

Criteria of JORC Code 2012	JORC Code (2012) explanation	Details of the Reported Project
<i>Mineral tenement and land tenure status</i>	<i>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.</i>	The Cactus Prospect comprises 182 patented and unpatented claims which are governed by the Cactus lease agreements entered into with the private landowners and held by Alderan in its own right. The Cactus lease agreements grant Alderan all rights to access the property and to explore for and mine minerals, subject to a retained royalty of 3% to the landholder. Alderan holds options to reduce the royalty to 1% and to purchase the patented claims.
	<i>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.</i>	All licences covering the Cactus project are granted.
<i>Exploration done by other parties (2.2)</i>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	A large amount of historical exploration has been carried out by numerous different parties dating back to the 1800's. Historical mining records including level plans and production records exist for the Cactus and Comet mines for the period between 1905 and 1915 when the vast majority of production occurred. Historical drilling has been carried out by multiple parties including Anaconda Company, Rosario Exploration Company, Amax Exploration and Western Utah Copper Corporation/Palladon Ventures. Data has been acquired, digitized where indicated, and interpreted by Alderan.  This announcement covers initial visual observations and pXRF copper assays on core from three diamond holes drilled into the New Years prospect.



<p><i>Geology</i></p>	<p><i>Deposit type, geological setting, and style of mineralisation.</i></p>	<p>Mineralisation throughout the district includes copper-gold rich tourmaline breccias, skarns, structurally hosted mineralisation and manto style mineralised zones. Part of the larger Laramide mineralising event. Overprinted by Basin and Range tectonics.</p>																																								
<p><i>Drill hole Information</i></p>	<p><i>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:</i></p> <p><i>Easting and Northing of the drill hole collar. Elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar.</i></p> <p><i>Dip and azimuth of the hole.</i></p> <p><i>Down hole length and interception depth and hole length.</i></p> <p><i>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.</i></p>	<p>New data generated for this announcement is from three diamond holes drilled into the New Years prospect in the Cactus Project. All relevant historical data is referenced in past Alderan announcements dating back to 2015 and recent announcements on 22 February 2024, 13 March 2024.</p> <p>Hole co-ordinate and dip and azimuth details are in the Table 1 below</p> <p style="text-align: center;"><b>Table 1: New Years Prospect – Stage 1 Drill Holes</b></p> <table border="1" data-bbox="824 512 2119 1038"> <thead> <tr> <th>Hole Number</th> <th>WGS84 Easting</th> <th>WGS84 Northing</th> <th>SRTM30</th> <th>Azimuth</th> <th>Dip</th> <th>Depth (m)</th> <th>Comments</th> </tr> </thead> <tbody> <tr> <td>NY2024-DDH1</td> <td>299615.83</td> <td>4262745.31</td> <td>1926.0</td> <td>0</td> <td>-90</td> <td>47.0</td> <td>Twin hole of Newmont’s NYM-1 drilled in 2002 which intersected 10.7m @ 1.6% Cu from 22.9m within 42.7m @ 0.8% Cu;</td> </tr> <tr> <td>NY2024-DDH2</td> <td>299474.53</td> <td>4262937.51</td> <td>1939.8</td> <td>0</td> <td>-90</td> <td>121.3</td> <td>Twin hole of Rosario’s NY-6 drilled in 1964 which intersected 13.7m @ 2.3% Cu, 0.22g/t Au from 22.9m downhole</td> </tr> <tr> <td>NY2024-DDH3</td> <td>299502.49</td> <td>4262928.28</td> <td>1943.0</td> <td>0</td> <td>-90</td> <td>121.9</td> <td>Twin hole of Rosario’s NY-2 drilled in 1964 which intersected 9.1m @ 1.69% Cu, 0.22g/t Au within 27.8m @ 0.85% Cu from surface</td> </tr> <tr> <td><b>Total</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><b>319.2</b></td> <td></td> </tr> </tbody> </table> <p>Not applicable. All new data has been reported in this announcement.</p>	Hole Number	WGS84 Easting	WGS84 Northing	SRTM30	Azimuth	Dip	Depth (m)	Comments	NY2024-DDH1	299615.83	4262745.31	1926.0	0	-90	47.0	Twin hole of Newmont’s NYM-1 drilled in 2002 which intersected 10.7m @ 1.6% Cu from 22.9m within 42.7m @ 0.8% Cu;	NY2024-DDH2	299474.53	4262937.51	1939.8	0	-90	121.3	Twin hole of Rosario’s NY-6 drilled in 1964 which intersected 13.7m @ 2.3% Cu, 0.22g/t Au from 22.9m downhole	NY2024-DDH3	299502.49	4262928.28	1943.0	0	-90	121.9	Twin hole of Rosario’s NY-2 drilled in 1964 which intersected 9.1m @ 1.69% Cu, 0.22g/t Au within 27.8m @ 0.85% Cu from surface	<b>Total</b>						<b>319.2</b>	
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NY2024-DDH2	299474.53	4262937.51	1939.8	0	-90	121.3	Twin hole of Rosario’s NY-6 drilled in 1964 which intersected 13.7m @ 2.3% Cu, 0.22g/t Au from 22.9m downhole																																			
NY2024-DDH3	299502.49	4262928.28	1943.0	0	-90	121.9	Twin hole of Rosario’s NY-2 drilled in 1964 which intersected 9.1m @ 1.69% Cu, 0.22g/t Au within 27.8m @ 0.85% Cu from surface																																			
<b>Total</b>						<b>319.2</b>																																				

<i>Data aggregation methods</i>	<i>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.</i>	No applicable
	<i>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.</i>	Not applicable.
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	Not applicable.
<i>Relationship between mineralisation widths and intercept lengths</i>	<i>These relationships are particularly important in the reporting of Exploration Results.</i>	Not applicable
	<i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i>	Not applicable
	<i>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').</i>	
<i>Diagrams</i>	<i>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.</i>	Maps are presented in the text of this ASX release.



<p><i>Balanced reporting</i></p>	<p><i>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.</i></p>	<p>All new data has been reported in this announcement.</p>
<p><i>Other substantive exploration data</i></p>	<p><i>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.</i></p>	<p>All new data has been reported in this announcement.</p>
<p><i>Further work</i></p>	<p><i>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.</i></p>	<ol style="list-style-type: none"> <li>1. Completing detailed logging plus cutting and sampling of drill core for the holes</li> <li>2. Submitting drill hole samples to ALS laboratory for ICP-MS analysis</li> <li>3. Permitting for drill holes for Stage 2 drilling at the New Years target.</li> <li>4. Drill site preparation</li> <li>5. Follow-up drill testing the New Years prospect</li> </ol>
	<p><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></p>	<p>Maps showing targets are presented in the text of this ASX release.</p>

**Appendix 3 – pXRF Readings for Diamond Drill Hole NY2024-DDH2**

Hole ID	Instrument Serial Num	Depth (m)	Date	Time	Method Name	Cu Concentration (PPM)	Cu Average Concentration (PPM)
NY2024-DDH2	821645		9/21/2024	13:39:29	Cal Check		
NY2024-DDH2	821645	1	9/21/2024	13:41:12	geoChem 3+Au	364	541
NY2024-DDH2	821645	1	9/21/2024	13:42:40	geoChem 3+Au	632	
NY2024-DDH2	821645	1	9/21/2024	13:44:19	geoChem 3+Au	627	
NY2024-DDH2	821645	2	9/21/2024	13:56:26	geoChem 3+Au	223	299
NY2024-DDH2	821645	2	9/21/2024	13:57:33	geoChem 3+Au	189	
NY2024-DDH2	821645	2	9/21/2024	13:58:37	geoChem 3+Au	484	
NY2024-DDH2	821645	4	9/21/2024	14:00:21	geoChem 3+Au	966	941
NY2024-DDH2	821645	4	9/21/2024	14:01:26	geoChem 3+Au	626	
NY2024-DDH2	821645	4	9/21/2024	14:02:33	geoChem 3+Au	1,231	
NY2024-DDH2	821645	5	9/21/2024	14:04:59	geoChem 3+Au	214	389
NY2024-DDH2	821645	5	9/21/2024	14:06:16	geoChem 3+Au	377	
NY2024-DDH2	821645	5	9/21/2024	14:07:22	geoChem 3+Au	576	
NY2024-DDH2	821645	6.5	9/21/2024	14:08:27	geoChem 3+Au	98	308
NY2024-DDH2	821645	6.5	9/21/2024	14:09:25	geoChem 3+Au	721	
NY2024-DDH2	821645	6.5	9/21/2024	14:10:29	geoChem 3+Au	104	
NY2024-DDH2	821645	7	9/21/2024	16:16:03	geoChem 3+Au	771	821
NY2024-DDH2	821645	7	9/21/2024	16:17:03	geoChem 3+Au	994	
NY2024-DDH2	821645	7	9/21/2024	16:18:05	geoChem 3+Au	698	
NY2024-DDH2	821645	9	9/21/2024	16:19:49	geoChem 3+Au	1,135	866
NY2024-DDH2	821645	9	9/21/2024	16:21:01	geoChem 3+Au	1,344	
NY2024-DDH2	821645	9	9/21/2024	16:22:14	geoChem 3+Au	118	
NY2024-DDH2	821645	10.8	9/21/2024	16:25:29	geoChem 3+Au	19,106	61,686
NY2024-DDH2	821645	10.8	9/21/2024	16:26:32	geoChem 3+Au	157,124	
NY2024-DDH2	821645	10.8	9/21/2024	16:27:54	geoChem 3+Au	8,827	
NY2024-DDH2	821645	11.2	9/21/2024	16:30:40	geoChem 3+Au	72,945	32,286
NY2024-DDH2	821645	11.2	9/21/2024	16:31:46	geoChem 3+Au	3,657	
NY2024-DDH2	821645	11.2	9/21/2024	16:32:53	geoChem 3+Au	20,256	
NY2024-DDH2	821645	12	9/21/2024	16:37:13	geoChem 3+Au	1,413	4,509
NY2024-DDH2	821645	12	9/21/2024	16:38:46	geoChem 3+Au	139	
NY2024-DDH2	821645	12	9/21/2024	16:40:15	geoChem 3+Au	11,975	
NY2024-DDH2	821645	14	9/21/2024	16:44:08	geoChem 3+Au	455,204	232,877
NY2024-DDH2	821645	14	9/21/2024	16:46:36	geoChem 3+Au	203,533	
NY2024-DDH2	821645	14	9/21/2024	16:47:47	geoChem 3+Au	39,894	
NY2024-DDH2	821645	16	9/21/2024	16:49:20	geoChem 3+Au	3,385	7,302
NY2024-DDH2	821645	16	9/21/2024	16:50:23	geoChem 3+Au	9,649	
NY2024-DDH2	821645	16	9/21/2024	16:51:23	geoChem 3+Au	8,872	
NY2024-DDH2	821645	17	9/21/2024	16:54:47	geoChem 3+Au	72,364	55,974
NY2024-DDH2	821645	17	9/21/2024	16:56:07	geoChem 3+Au	27,827	
NY2024-DDH2	821645	17	9/21/2024	16:57:10	geoChem 3+Au	67,731	
NY2024-DDH2	821645	18.65	9/21/2024	17:01:38	geoChem 3+Au	8,839	21,548

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NY2024-DDH2	821645	18.65	9/21/2024	17:02:37	geoChem 3+Au	53,492	
NY2024-DDH2	821645	18.65	9/21/2024	17:04:14	geoChem 3+Au	2,313	
NY2024-DDH2	821645	20	9/21/2024	17:07:14	geoChem 3+Au	4,264	2,755
NY2024-DDH2	821645	20	9/21/2024	17:08:18	geoChem 3+Au	1,042	
NY2024-DDH2	821645	20	9/21/2024	17:09:22	geoChem 3+Au	2,959	
NY2024-DDH2	821645	21.25	9/21/2024	17:11:22	geoChem 3+Au	3,126	2,956
NY2024-DDH2	821645	21.25	9/21/2024	17:12:30	geoChem 3+Au	4,375	
NY2024-DDH2	821645	21.25	9/21/2024	17:13:28	geoChem 3+Au	1,366	
NY2024-DDH2	821645	22	9/21/2024	17:14:53	geoChem 3+Au	3,273	2,331
NY2024-DDH2	821645	22	9/21/2024	17:15:55	geoChem 3+Au	705	
NY2024-DDH2	821645	22	9/21/2024	17:17:05	geoChem 3+Au	3,016	
NY2024-DDH2	821645	23.8	9/21/2024	17:19:03	geoChem 3+Au	1,158	3,263
NY2024-DDH2	821645	23.8	9/21/2024	17:20:02	geoChem 3+Au	3,933	
NY2024-DDH2	821645	23.8	9/21/2024	17:21:04	geoChem 3+Au	4,698	
NY2024-DDH2	821645	25	9/21/2024	17:23:00	geoChem 3+Au	1,753	1,542
NY2024-DDH2	821645	25	9/21/2024	17:25:24	geoChem 3+Au	897	
NY2024-DDH2	821645	25	9/21/2024	17:26:25	geoChem 3+Au	1,976	
NY2024-DDH2	821645	26.5	9/21/2024	17:28:19	geoChem 3+Au	2,423	1,909
NY2024-DDH2	821645	26.5	9/21/2024	17:29:26	geoChem 3+Au	818	
NY2024-DDH2	821645	26.5	9/21/2024	17:30:45	geoChem 3+Au	2,485	
NY2024-DDH2	821645	28	9/21/2024	17:34:01	geoChem 3+Au	4,686	6,867
NY2024-DDH2	821645	28	9/21/2024	17:35:17	geoChem 3+Au	2,139	
NY2024-DDH2	821645	28	9/21/2024	17:36:22	geoChem 3+Au	13,777	
NY2024-DDH2	821645	29.5	9/21/2024	17:44:29	geoChem 3+Au	1,715	4,513
NY2024-DDH2	821645	29.5	9/21/2024	17:45:32	geoChem 3+Au	8,565	
NY2024-DDH2	821645	29.5	9/21/2024	17:46:33	geoChem 3+Au	3,258	
NY2024-DDH2	821645	31	9/21/2024	17:48:14	geoChem 3+Au	8,311	23,286
NY2024-DDH2	821645	31	9/21/2024	17:50:15	geoChem 3+Au	14,842	
NY2024-DDH2	821645	31	9/21/2024	17:51:26	geoChem 3+Au	46,704	
NY2024-DDH2	821645	32	9/21/2024	17:52:56	geoChem 3+Au	24,394	49,810
NY2024-DDH2	821645	32	9/21/2024	17:53:55	geoChem 3+Au	83,251	
NY2024-DDH2	821645	32	9/21/2024	17:54:53	geoChem 3+Au	41,786	
NY2024-DDH2	821645	33	9/21/2024	17:56:34	geoChem 3+Au	4,480	7,077
NY2024-DDH2	821645	33	9/21/2024	17:57:51	geoChem 3+Au	5,678	
NY2024-DDH2	821645	33	9/21/2024	17:58:54	geoChem 3+Au	11,074	
NY2024-DDH2	821645	35	9/21/2024	18:00:39	geoChem 3+Au	2,207	1,769
NY2024-DDH2	821645	35	9/21/2024	18:01:50	geoChem 3+Au	2,775	
NY2024-DDH2	821645	35	9/21/2024	18:03:02	geoChem 3+Au	326	
NY2024-DDH2	821645	36	9/21/2024	18:07:05	geoChem 3+Au	7,344	4,037
NY2024-DDH2	821645	36	9/21/2024	18:08:28	geoChem 3+Au	3,254	
NY2024-DDH2	821645	36	9/21/2024	18:09:40	geoChem 3+Au	1,514	
NY2024-DDH2	821645	38	9/21/2024	18:11:51	geoChem 3+Au	8,436	11,055
NY2024-DDH2	821645	38	9/21/2024	18:13:04	geoChem 3+Au	5,524	
NY2024-DDH2	821645	38	9/21/2024	18:14:17	geoChem 3+Au	19,206	
NY2024-DDH2	821645	38.6	9/21/2024	18:16:56	geoChem 3+Au	4,608	3,396
NY2024-DDH2	821645	38.6	9/21/2024	18:18:14	geoChem 3+Au	1,809	

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NY2024-DDH2	821645	38.6	9/21/2024	18:19:25	geoChem 3+Au	3,772	
NY2024-DDH2	821645	40	9/21/2024	18:20:59	geoChem 3+Au	1,280	2,702
NY2024-DDH2	821645	40	9/21/2024	18:22:10	geoChem 3+Au	5,768	
NY2024-DDH2	821645	40	9/21/2024	18:23:11	geoChem 3+Au	1,059	
NY2024-DDH2	821645	41	9/21/2024	18:28:02	geoChem 3+Au	281	312
NY2024-DDH2	821645	41	9/21/2024	18:29:11	geoChem 3+Au	298	
NY2024-DDH2	821645	41	9/21/2024	18:30:16	geoChem 3+Au	357	
NY2024-DDH2	821645	44	9/21/2024	18:50:01	geoChem 3+Au	266	428
NY2024-DDH2	821645	44	9/21/2024	18:50:27	geoChem 3+Au	435	
NY2024-DDH2	821645	44	9/21/2024	18:51:26	geoChem 3+Au	491	
NY2024-DDH2	821645	44	9/21/2024	18:52:25	geoChem 3+Au	518	
NY2024-DDH2	821645	45	9/21/2024	18:53:42	geoChem 3+Au	136	94
NY2024-DDH2	821645	45	9/21/2024	18:54:43	geoChem 3+Au	58	
NY2024-DDH2	821645	45	9/21/2024	18:55:43	geoChem 3+Au	89	
NY2024-DDH2	821645	47	9/21/2024	18:56:44	geoChem 3+Au	202	167
NY2024-DDH2	821645	47	9/21/2024	18:57:45	geoChem 3+Au	122	
NY2024-DDH2	821645	47	9/21/2024	18:58:44	geoChem 3+Au	176	
NY2024-DDH2	821645	48	9/21/2024	18:59:41	geoChem 3+Au	103	180
NY2024-DDH2	821645	48	9/21/2024	19:00:46	geoChem 3+Au	352	
NY2024-DDH2	821645	48	9/21/2024	19:03:13	geoChem 3+Au	84	
NY2024-DDH2	821645	49	9/21/2024	19:04:34	geoChem 3+Au	31	109
NY2024-DDH2	821645	49	9/21/2024	19:05:35	geoChem 3+Au	19	
NY2024-DDH2	821645	49	9/21/2024	19:06:31	geoChem 3+Au	278	
NY2024-DDH2	821645	51	9/21/2024	19:07:33	geoChem 3+Au	67	116
NY2024-DDH2	821645	51	9/21/2024	19:08:33	geoChem 3+Au	195	
NY2024-DDH2	821645	51	9/21/2024	19:09:39	geoChem 3+Au	85	
NY2024-DDH2	821645	52	9/21/2024	19:12:27	geoChem 3+Au	64	50
NY2024-DDH2	821645	52	9/21/2024	19:13:24	geoChem 3+Au	67	
NY2024-DDH2	821645	52	9/21/2024	19:14:26	geoChem 3+Au	20	
NY2024-DDH2	821645	52.75	9/21/2024	19:17:56	geoChem 3+Au	45	41
NY2024-DDH2	821645	52.75	9/21/2024	19:18:53	geoChem 3+Au	37	
NY2024-DDH2	821645	52.75	9/21/2024	19:20:14	geoChem 3+Au	40	
NY2024-DDH2	821645	53.5	9/21/2024	19:21:36	geoChem 3+Au	182	96
NY2024-DDH2	821645	53.5	9/21/2024	19:22:40	geoChem 3+Au	67	
NY2024-DDH2	821645	53.5	9/21/2024	19:23:37	geoChem 3+Au	38	
NY2024-DDH2	821645	55	9/23/2024	12:21:19	geoChem 3+Au	83	295
NY2024-DDH2	821645	55	9/23/2024	12:22:22	geoChem 3+Au	67	
NY2024-DDH2	821645	55	9/23/2024	12:23:29	geoChem 3+Au	734	
NY2024-DDH2	821645	56.85	9/23/2024	12:26:31	geoChem 3+Au	17	17
NY2024-DDH2	821645	56.85	9/23/2024	12:27:58	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	56.85	9/23/2024	12:29:01	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	58	9/23/2024	12:30:38	geoChem 3+Au	36	36
NY2024-DDH2	821645	58	9/23/2024	12:31:44	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	58	9/23/2024	12:32:49	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	59	9/23/2024	12:34:51	geoChem 3+Au	435	291
NY2024-DDH2	821645	59	9/23/2024	12:35:59	geoChem 3+Au	205	

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NY2024-DDH2	821645	59	9/23/2024	12:37:00	geoChem 3+Au	233	
NY2024-DDH2	821645	60	9/23/2024	12:38:04	geoChem 3+Au	55	107
NY2024-DDH2	821645	60	9/23/2024	12:41:20	geoChem 3+Au	135	
NY2024-DDH2	821645	60	9/23/2024	12:43:17	geoChem 3+Au	130	
NY2024-DDH2	821645	61	9/23/2024	12:44:33	geoChem 3+Au	81	55
NY2024-DDH2	821645	61	9/23/2024	12:45:30	geoChem 3+Au	34	
NY2024-DDH2	821645	61	9/23/2024	12:46:47	geoChem 3+Au	51	
NY2024-DDH2	821645	62	9/23/2024	13:48:17	geoChem 3+Au	25	30
NY2024-DDH2	821645	62	9/23/2024	13:49:23	geoChem 3+Au	38	
NY2024-DDH2	821645	62	9/23/2024	13:50:21	geoChem 3+Au	28	
NY2024-DDH2	821645	64	9/23/2024	13:51:36	geoChem 3+Au	<LOD	26
NY2024-DDH2	821645	64	9/23/2024	13:52:34	geoChem 3+Au	32	
NY2024-DDH2	821645	64	9/23/2024	13:53:33	geoChem 3+Au	19	
NY2024-DDH2	821645	65	9/23/2024	13:54:33	geoChem 3+Au	32	30
NY2024-DDH2	821645	65	9/23/2024	13:55:32	geoChem 3+Au	34	
NY2024-DDH2	821645	65	9/23/2024	13:56:30	geoChem 3+Au	24	
NY2024-DDH2	821645	67	9/23/2024	14:09:57	geoChem 3+Au	<LOD	<LOD
NY2024-DDH2	821645	67	9/23/2024	14:11:06	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	67	9/23/2024	14:12:08	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	69.35	9/23/2024	14:13:16	geoChem 3+Au	58	48
NY2024-DDH2	821645	69.35	9/23/2024	14:14:24	geoChem 3+Au	65	
NY2024-DDH2	821645	69.35	9/23/2024	14:16:15	geoChem 3+Au	20	
NY2024-DDH2	821645	72	9/23/2024	14:17:23	geoChem 3+Au	69,868	24,853
NY2024-DDH2	821645	72	9/23/2024	14:18:41	geoChem 3+Au	1,863	
NY2024-DDH2	821645	72	9/23/2024	14:19:39	geoChem 3+Au	2,828	
NY2024-DDH2	821645	73	9/23/2024	14:21:14	geoChem 3+Au	280,305	103,400
NY2024-DDH2	821645	73	9/23/2024	14:22:13	geoChem 3+Au	5,874	
NY2024-DDH2	821645	73	9/23/2024	14:23:14	geoChem 3+Au	24,021	
NY2024-DDH2	821645	75	9/23/2024	14:26:50	geoChem 3+Au	82	119
NY2024-DDH2	821645	75	9/23/2024	14:27:55	geoChem 3+Au	71	
NY2024-DDH2	821645	75	9/23/2024	14:28:54	geoChem 3+Au	204	
NY2024-DDH2	821645	76	9/23/2024	14:30:13	geoChem 3+Au	52	57
NY2024-DDH2	821645	76	9/23/2024	14:31:16	geoChem 3+Au	30	
NY2024-DDH2	821645	76	9/23/2024	14:32:15	geoChem 3+Au	88	
NY2024-DDH2	821645	78	9/23/2024	14:33:25	geoChem 3+Au	86	91
NY2024-DDH2	821645	78	9/23/2024	14:36:10	geoChem 3+Au	79	
NY2024-DDH2	821645	78	9/23/2024	14:37:09	geoChem 3+Au	107	
NY2024-DDH2	821645	80	9/23/2024	14:53:19	geoChem 3+Au	19	42
NY2024-DDH2	821645	80	9/23/2024	14:54:31	geoChem 3+Au	51	
NY2024-DDH2	821645	80	9/23/2024	14:55:59	geoChem 3+Au	57	
NY2024-DDH2	821645	82	9/23/2024	14:57:08	geoChem 3+Au	74	40
NY2024-DDH2	821645	82	9/23/2024	14:58:36	geoChem 3+Au	18	
NY2024-DDH2	821645	82	9/23/2024	14:59:38	geoChem 3+Au	29	
NY2024-DDH2	821645	84	9/23/2024	16:18:31	geoChem 3+Au	78	52
NY2024-DDH2	821645	84	9/23/2024	16:20:51	geoChem 3+Au	26	
NY2024-DDH2	821645	84	9/23/2024	16:21:53	geoChem 3+Au	<LOD	



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NY2024-DDH2	821645	87.5	9/23/2024	16:25:22	geoChem 3+Au	42	
NY2024-DDH2	821645	87.5	9/23/2024	16:26:22	geoChem 3+Au	38	32
NY2024-DDH2	821645	87.5	9/23/2024	16:27:22	geoChem 3+Au	17	
NY2024-DDH2	821645	89.5	9/23/2024	16:29:59	geoChem 3+Au	54	
NY2024-DDH2	821645	89.5	9/23/2024	16:31:13	geoChem 3+Au	32	42
NY2024-DDH2	821645	89.5	9/23/2024	16:32:11	geoChem 3+Au	41	
NY2024-DDH2	821645	93.75	9/23/2024	16:36:51	geoChem 3+Au	137	
NY2024-DDH2	821645	93.75	9/23/2024	16:37:54	geoChem 3+Au	101	92
NY2024-DDH2	821645	93.75	9/23/2024	16:38:52	geoChem 3+Au	38	
NY2024-DDH2	821645	95	9/23/2024	16:40:48	geoChem 3+Au	145	
NY2024-DDH2	821645	95	9/23/2024	16:41:59	geoChem 3+Au	12	340
NY2024-DDH2	821645	95	9/23/2024	16:44:54	geoChem 3+Au	862	
NY2024-DDH2	821645	96	9/23/2024	16:47:22	geoChem 3+Au	182	
NY2024-DDH2	821645	96	9/23/2024	16:48:21	geoChem 3+Au	20	101
NY2024-DDH2	821645	96	9/23/2024	16:49:18	geoChem 3+Au	102	
NY2024-DDH2	821645	98	9/23/2024	16:57:57	geoChem 3+Au	30	
NY2024-DDH2	821645	98	9/23/2024	16:58:55	geoChem 3+Au	17	31
NY2024-DDH2	821645	98	9/23/2024	16:59:55	geoChem 3+Au	47	
NY2024-DDH2	821645	101.5	9/23/2024	17:02:57	geoChem 3+Au	525	
NY2024-DDH2	821645	101.5	9/23/2024	17:04:27	geoChem 3+Au	524	411
NY2024-DDH2	821645	101.5	9/23/2024	17:05:28	geoChem 3+Au	185	
NY2024-DDH2	821645	103.5	9/23/2024	17:07:25	geoChem 3+Au	52	
NY2024-DDH2	821645	103.5	9/23/2024	17:08:24	geoChem 3+Au	157	104
NY2024-DDH2	821645	103.5	9/23/2024	17:09:24	geoChem 3+Au	104	
NY2024-DDH2	821645	105.75	9/23/2024	17:13:33	geoChem 3+Au	126	
NY2024-DDH2	821645	105.75	9/23/2024	17:14:31	geoChem 3+Au	149	296
NY2024-DDH2	821645	105.75	9/23/2024	17:15:44	geoChem 3+Au	613	
NY2024-DDH2	821645	106.8	9/23/2024	17:17:05	geoChem 3+Au	237	
NY2024-DDH2	821645	106.8	9/23/2024	17:29:58	geoChem 3+Au	396	298
NY2024-DDH2	821645	106.8	9/23/2024	17:30:59	geoChem 3+Au	262	
NY2024-DDH2	821645	109	9/23/2024	17:32:42	geoChem 3+Au	42	
NY2024-DDH2	821645	109	9/23/2024	17:33:42	geoChem 3+Au	51	38
NY2024-DDH2	821645	109	9/23/2024	17:34:49	geoChem 3+Au	21	
NY2024-DDH2	821645	110.5	9/23/2024	17:36:32	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	110.5	9/23/2024	17:37:30	geoChem 3+Au	59	59
NY2024-DDH2	821645	110.5	9/23/2024	17:38:37	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	114	9/23/2024	17:40:34	geoChem 3+Au	385	
NY2024-DDH2	821645	114	9/23/2024	17:41:36	geoChem 3+Au	22	204
NY2024-DDH2	821645	114	9/23/2024	17:42:34	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	116.75	9/23/2024	17:44:09	geoChem 3+Au	20	
NY2024-DDH2	821645	116.75	9/23/2024	17:45:19	geoChem 3+Au	16	16
NY2024-DDH2	821645	116.75	9/23/2024	17:46:28	geoChem 3+Au	13	
NY2024-DDH2	821645	119	9/23/2024	17:48:59	geoChem 3+Au	34	
NY2024-DDH2	821645	119	9/23/2024	17:50:34	geoChem 3+Au	38	33
NY2024-DDH2	821645	119	9/23/2024	17:51:35	geoChem 3+Au	26	
NY2024-DDH2	821645	121	9/23/2024	17:53:30	geoChem 3+Au	<LOD	18

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NY2024-DDH2	821645	121	9/23/2024	17:54:32	geoChem 3+Au	<LOD	
NY2024-DDH2	821645	121	9/23/2024	17:55:52	geoChem 3+Au	18	