12 November 2020

KINGMAN PROJECT UPDATE

SURFACE SAMPLING & GEOPHYSICS CONFIRM MULTIPLE TARGET ZONES

Highlights:

- Extensive high-grade gold and silver surface sampling data base coverage
- Geophysics correlates with historically mined vein structures
- Drilling scheduled to commence in early-2021

Riedel Resources Limited (ASX: RIE or the Company) provides shareholders with a summary of the geochemical and geophysical programs carried out on the Kingman Project during 2019 and 2020.

As announced on 23 October 2020, Riedel has entered into a binding Term Sheet with Flagstaff Minerals Limited (Flagstaff) to acquire up to an 80% interest in the entity holding interests in the Kingman Project, Flagstaff Minerals (USA) Inc, subject to conditions as set out in the ASX release dated 23 October 2020.

The geochemical and geophysical programs were carried out before and after the 2019 diamond drill program which was successful in intersecting high grade gold and silver mineralisation around the historic mine workings at the Kingman Project, located in north-west Arizona (refer ASX announcement dated 23 October 2020).

Referring to the results outlined herein, Riedel Chairman Grant Mooney stated *"It is pleasing that the surface sampling grades achieved within the Kingman Project area strongly support the high grades seen in the 2019 diamond drill program. In addition, the geophysics appears to light-up the areas known to have been worked historically and where the drilling in 2019 intersected high-grade vein mineralisation. We are excited about both the strike and depth potential that the geochemistry and geophysics may be pointing to, in addition to the extensive areas we know have never been tested by modern exploration".*

GEOCHEMICAL SUMMARY

Kingman Project Rock Sampling

The Kingman Project is located approximately 30km northwest of Kingman, Arizona and some 3km to the east of Highway 93.

Flagstaff collected 320 surface rock samples to confirm existing historic high-grade gold and silver zones and to identify additional areas for follow up. Numerous high-grade results were received in areas with an historic mining history and in new areas not previously tested.

Samples were predominantly collected from outcropping veins or from previously mined rock piles. Trenching was also used to dig through shallow gravel cover in order to follow mineralized trends.

Discussion of Results

The sample assay results confirm the high-grade gold and silver grades (with associated zinc, lead and copper) historically mined in the area. The Company is encouraged to note the gold and silver results occurring in areas along strike of the historic mines and in new areas of the Kingman Project not previously explored.

Highlights of samples include 12.7g/t gold (sample #1670850) located to the north of Merrimac, 56.6g/t gold (sample #1426232) at Jackpot and 11.5g/t gold (sample #1670855) at Tintic.

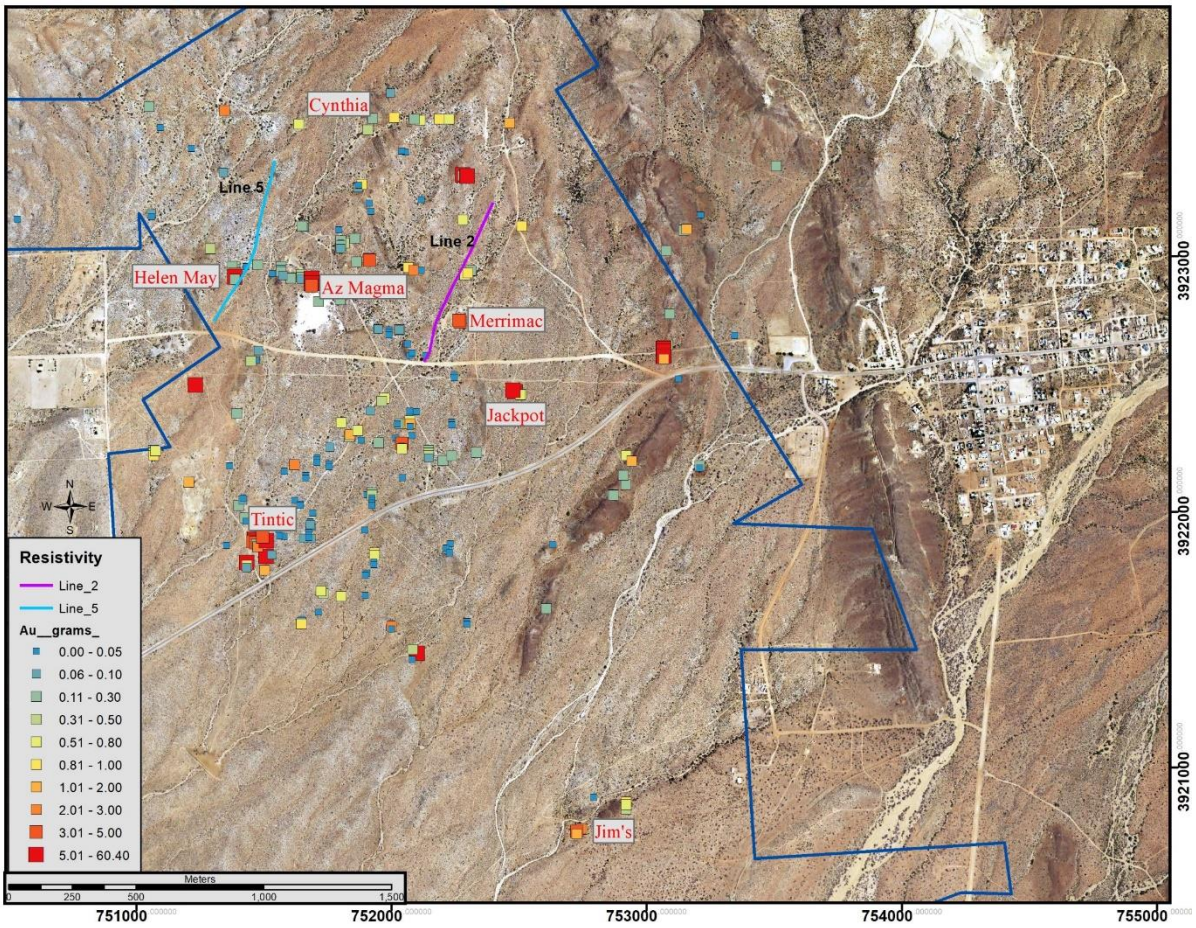

Figure 1 – Surface sampling (2019-20) and IP lines plotted relative to historic mine locations
(Red +5g/t Au, Orange 1-5g/t Au, Yellow 0.5-1.0g/t Au)

GEOPHYSICAL RESULTS

IP Geophysical (Super Sting) Survey

In 2020, Flagstaff contracted Texas-based Mineoro Explorations to acquire, process and interpret Resistivity and Induced Polarization (IP) data on the Kingman Project. Five lines were acquired using an AGI SuperSting R8 with 112 electrodes spaced at 6m intervals for a survey-line total of 3,360m.

The array styles used were Dipole-Dipole (DD), Schlumberger Inverse (SI), and Wenner (W). Maximum reliable depth of investigation by this method is approximately 120m. This study was designed as a proof of concept on the equipment to assess its ability to provide subsurface geologic and structural context. As such, the lines were placed where the most geological insight was available.

Discussion

The initial results at Merrimac and Arizona Magma clearly define the known mineralized structures at shallow depth. Areas of low resistivity (red to purple in Figures 2 and 3) correspond to known surface occurrence of high grade veins and suggest that these structures extend to depth.

Drilling scheduled for early 2021 is planned to test a number of the resistivity anomalies.

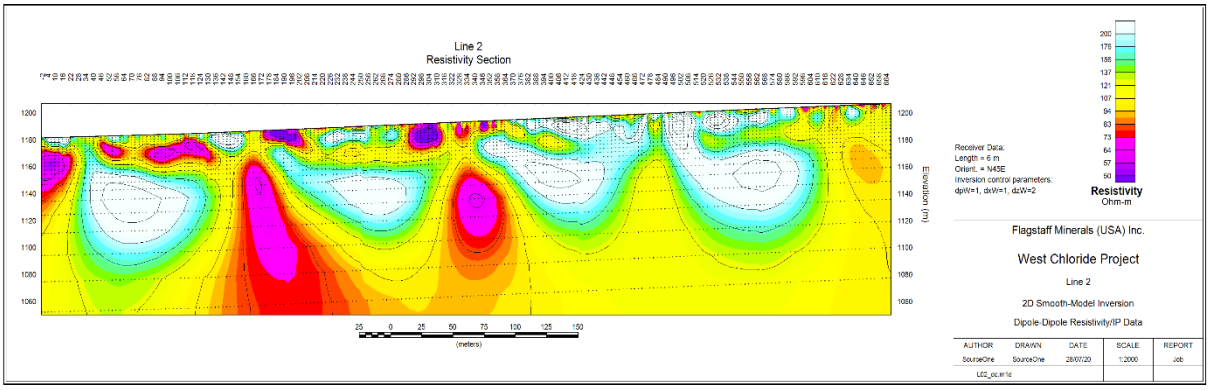

Figure 2 – Resistivity profiles through Merrimac Mine area

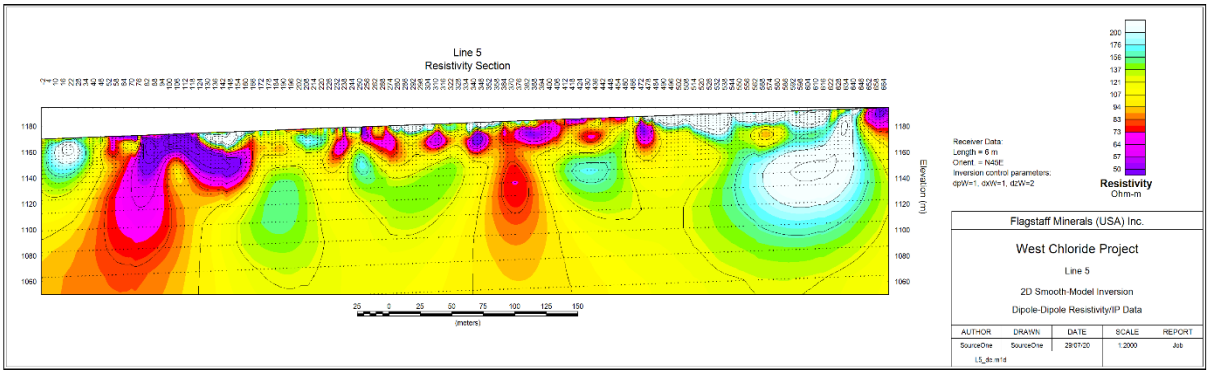

Figure 3 – Resistivity profiles through Arizona-Magna Mine area

Ground Magnetic Surveys

In 2019, ground total field magnetic data were acquired across the Kingman Project by Zonge International using a Geometrics G-858 Cesium magnetometer. The survey successfully identified a magnetic gabbro unit that occurs within extensive structural corridors. While the gabbro itself is not mineralized, the late stage high grade gold, silver and base metal mineralization occurs within the same structural corridors. The presence of the magnetic gabbro allows for tracing the structural corridors under thin gravel cover and suggests a significant increase to the potential strike extent of the known mineralization.

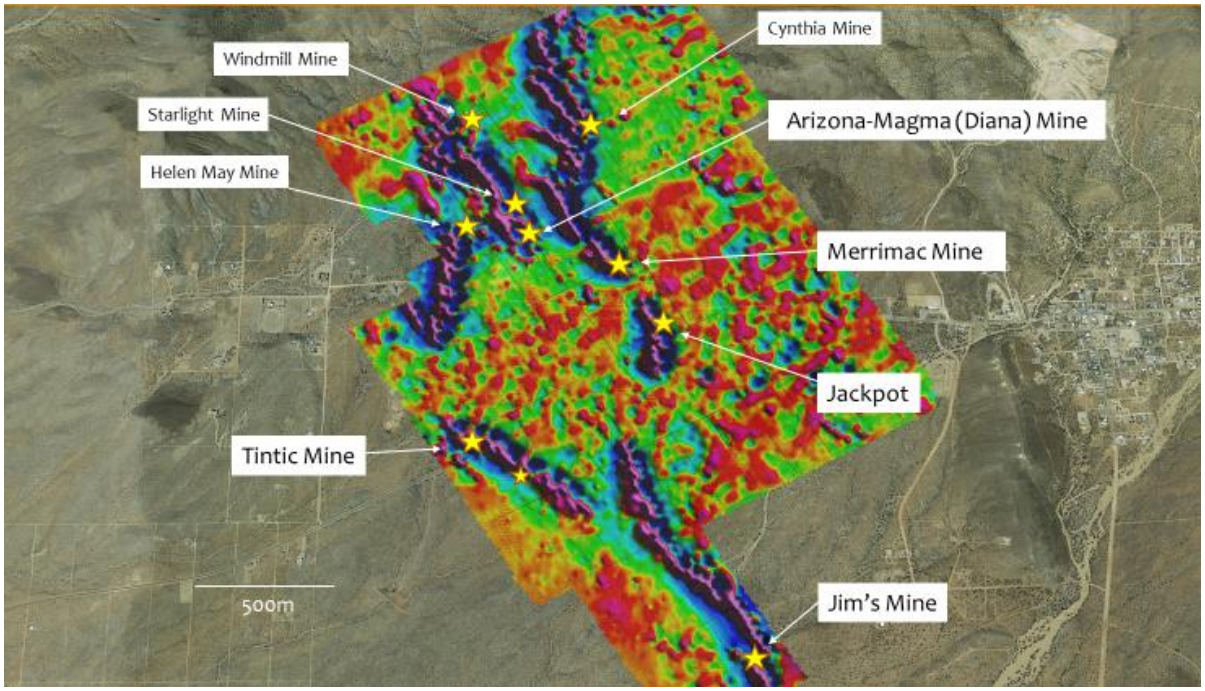

Figure 4 – 2019 ground magnetics over the northern project area showing the location of historic mines

Figure 4 demonstrates a very close correlation between the gabbro unit and historic workings and illustrates significant areas for follow up exploration.

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

Competent Person Statement

Information in this release that relates to Exploration Results is based on information compiled by Mr Sean Whiteford, who is a qualified geologist, a member of the Australian Institute of Mining and Metallurgy, and a consultant to, and shareholder of, Flagstaff Minerals Limited. Mr Whiteford has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Whiteford consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

Forward Looking Statements

This release includes forward looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production output.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the company's actual results, performance and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licences and permits and diminishing quantities or grades of resources or reserves, political and social risks, changes to the regulatory framework within which the company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the company's business and operations in the future. The company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the company's business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the company or management or beyond the company's control.

Although the company attempts to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be anticipated, estimated or intended, and many events are beyond the reasonable control of the company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements.

Forward looking statements in this release are given as at the date of issue only. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the company does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

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About Riedel Resources Limited

Riedel Resources Limited listed on ASX on 31 January 2011 and is an Australian-based exploration company focused on the exploration for gold and base metals in Australia and Arizona, USA.

Further information can be found at the Company's website www.riedelresources.com.au

ANNEXURE 1: JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data – Surface Sampling

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	*Nature and quality of sampling (eg cut channels, random chips, or specific specialised 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.*	Rock samples were collected using hammer and chisel, with the sampling depth ranging from surface to to 20cm. The samples were geologically logged and placed into pre-numbered calico bags. Calicos were then sealed inside polyweave bags for transportation to the laboratory.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Sampling was done under Flagstaff Minerals (USA) procedures. Composite samples taken on dumps as noted in Appendix 1. Channel samples taken across vein orientation as noted in Appendix 1. The laboratory applied internal QAQC protocols. See further details below.
	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 (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	All samples were pulverized at the lab to 85% passing -75µm to produce a 25g charge for Fire Assay with an AA finish. Samples were also digested using a Four Acid digestion with an ICP-AES finish. High grade gold samples were additionally assayed by Fire Assay using a gravimetric finish. High grade silver and base metal samples were additional assayed using a four acid digestion and ICP-AES finish. All samples were assayed by ALS Laboratories.
Drilling techniques	*Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	No drilling results are reported in this announcement.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.* *Measures taken to maximise sample recovery and ensure representative nature of the samples.*	No drilling results are reported in this announcement.

Criteria	JORC Code explanation	Commentary
	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.	
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.*	No drilling results are reported in this announcement.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	No drilling results are reported in this announcement.
	The total length and percentage of the relevant intersections logged.	No drilling results are reported in this announcement.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.* *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* *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.* *Whether sample sizes are appropriate to the grain size of the material being sampled.*	All samples were prepared at the ALS Laboratory in Tucson. Samples were dried and pulverised to 85% passing 75µm and a sub sample of up to 200g retained. A nominal 50g charge was used for Au and multi-element analysis. The procedure is industry standard for this type of sample and analysis. The target sample size for hand samples is between 250g – 1000g, which is considered appropriate for this style of sampling and the geological setting.
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 analyzed at ALS Laboratories in Reno, Nevada and Vancouver, British Colombia. For gold the analytical method used was Au-AA23 which is digestion by Fire Assay with an AA finish. Any samples assaying greater than 10ppm Au were further analyzed by Au-GRA21. Both methods are considered appropriate for the material and mineralization and measure total gold content.

Criteria	JORC Code explanation	Commentary
		Samples were also analyzed by method ME-ICP61a which is a four-acid digestion with an ICP-AES finish for base metal determinations. This method is considered appropriate for the material and mineralization
	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.	NA
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	NA External lab or umpire checks are not considered necessary for early stage exploration projects.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	NA
	The use of twinned holes.	No drilling results are reported in this announcement
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	All field logging was logged on paper logs and in digital format in an excel spreadsheet. Copies of all logs are stored on a cloud-based storage system as well as at the Flagstaff office in Kingman Arizona.
	Discuss any adjustment to assay data.	No assay data is adjusted.
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.*	Sample locations were determined by handheld GPS, which is considered accurate to ±5m in Northing and Easting.
	Specification of the grid system used.	The grid system used is WGS84 Zone 11.
	Quality and adequacy of topographic control.	RLs are allocated to the sample point using a DTM derived from detailed topography. The accuracy is estimated to be better than 2m in elevation.
Data spacing and distribution	*Data spacing for reporting of Exploration Results.*	NA
	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.	NA as no resource estimation is made.

Criteria	JORC Code explanation	Commentary
	Whether sample compositing has been applied.	No sample compositing applied other than where noted for sample representivity.
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.*	Rock samples were taken across known mineralized zones and along strike of mineralized zones to determine the width and length of mineralization. It is believed the orientation was representative and unbiased.
	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.	No drilling results are reported in this announcement.
Sample security	*The measures taken to ensure sample security.*	Rock samples were delivered in sealed polyweave bags to the ALS Laboratory in Tucson Arizona. Chain of Custody documentation stating bags samples, submittal and methods were signed off on. ALS maintains the chain of custody once the samples are delivered with an audit trail available on the ALS webtrieve website.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	Sampling and assaying techniques are considered to be industry standard. At this stage of exploration, no external audits or reviews have been undertaken.

Section 2 Reporting of Exploration Results – Surface sampling and Ground Geophysics Survey

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

Criteria	JORC Code explanation	Commentary
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.*	The rock samples, ground magnetics and IP (super sting) surveys were all within the claim group of properties subject to an Option Agreement between Flagstaff Minerals (USA) Inc and IAM Mining LLC. Flagstaff can earn a 100% interest in the claims group. Riedel is earning into Flagstaff on terms as set out in Riedel's ASX announcement of 23 October 2020. The claim package comprises claim numbers IAM 1 to 64 and TED 56 to 70 inclusive.
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The mining claims are administered by the Bureau and Land Management and are in good standing. Flagstaff is unaware of any impediments to the mining claims.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	Historic production and exploration from the property as follows: Underground mining at Arizona Magma was conducted from the 1880's to 1942. Drilling by Chandeleur Bay Resources at Tintic was conducted in 1997. High grades were reported in two drill holes drilled in 1988 and 37 drill holes from 1997. The Merrimac mine was mined for Au/Ag/Pg/Zn until 1905. The Tintic mine was mined for Au/Ag/Pb/Zn in 1942.
Geology	*Deposit type, geological setting and style of mineralisation.*	The Flagstaff property is located along the Northwest flank of the Cerbat Mountains of Arizona. The Cerbat Mountains are a typical block-faulted range of the Basin and Range physiographic province of the southwest United States and are underlain by a strongly deformed package of Precambrian rocks including quartz feldspar gneiss, amphibolite schist, and biotite schist intruded by both Precambrian diorite and granite and by Laramide intrusions. The property contains multiple structurally controlled vein-systems. A Low-Sulphidation Epithermal Character has been observed in mineralisation from historic dumps across the property. As the property is approximately 8km from the Mineral Park Cu porphyry mine, vein mineralization related to a unknown porphyry is also of interest.

Criteria	JORC Code explanation	Commentary
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:* ○ *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* ○ *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.*	No drilling results are reported in this announcement. All assay and sample location information are tabulated in Appendix 1.
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*	All results are reported as received from the laboratory and no statistical manipulations applied.
	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.	Details of all sample results are included in Appendix 1.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values are reported.
Relationship between mineralisation widths and the intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.* *If the geometry of the mineralisation with respect to drill hole angle is known, its nature should be reported.* *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	No drilling results are reported in this announcement.

Criteria	JORC Code explanation	Commentary
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.*	Refer to the figures in the body of this announcement for relevant plans including a tabulation of analytical results.
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.*	Details of all sample results are included in Appendix 1.
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.*	IP (Super Sting) survey results indicate the ability of the survey to define depth extensions to mineralisation identified at surface. Mineralized zones appear to show as resistivity lows in cross section and these target areas will be drill tested in 2021. An AGI SuperSting R8 with 112 electrodes IPspaced at 6m, for a survey-line total of 3,360m was used for this survey.The array styles used were Dipole-Dipole (DD), Schlumberger Inverse (SI), and Wenner (W). Maximum reliable depth of investigation by this method is approximately 120m (396 ft). Ground magnetic surveys clearly identify a magnetic gabbroic unit. The gabbro has intruded along structural corridors which in turn host late stage gold, silver and base metal mineralizing event. The magnetic highs allow for tracing the structural corridors under shallow gravel cover. Total magnetic field data were acquired with Geometrics G-858 Cesium magnetometers. Total magnetic base data were acquired with a Gem System GSM-19 overhauser magnetometer. The GSM-19 magnetometer has a resolution of 0.01 nT and an accuracy of 0.2 nT over the operating range. The G-858 magnetometer has a resolution of 0.01 nT and an accuracy of 0.01 nT. Positioning for the G-858 magnetometers was determined with external Trimble 5800 GPS receivers which utilize the integrated real-time DGPS beacon for position corrections. These systems provide sub-meter accuracy under standard operating conditions.
Further work	*The nature and scale of planned further work (eg 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.*	Further work will comprise additional drilling and, where warranted, additional geophysics. Provided in the body of this announcement.

Appendix 1: Sample locations and grades

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
1670827	751,458	3,921,880	2.84	40.00	120.0	790.0	980	channel	first of 6 here; 13m trench along west floor of old tintic adit sampled from west to east; 2.0m channel, this sample includes 1.3m red vein zone previously chip sampled; west FW contact w crumbly unaltered bitoite augen gneiss, HW to vein is red-orange
1670828	751,459	3,921,880	1.35	22.00	70.0	1,340.0	690	channel	2.0m channel, softer altered augen gneiss, red-orange-white, silicified and argillic alt
1670829	751,460	3,921,881	0.87	17.00	90.0	400.0	1,140	channel	2.0m channel, red-orange mineralized gneiss, FeOx and Qtz veinlets
1670830	751,461	3,921,881	1.06	12.00	80.0	660.0	1,270	channel	2.0m channel, halfway through changes from dull orange to white, silicified at last 0.5m
1670832	751,462	3,921,882	3.70	15.00	150.0	1,780.0	1,800	channel	1.0m channel, QV and white in first 0.5m then orange; 15 degree bend in trench to avoid dirt pile; on floor of decline last of continuous trench
1670833	751,463	3,921,885	0.09	21.00	190.0	590.0	4,560	channel	
1670834	751,911	3,922,991	0.47	4.00	10.0	30.0	200	channel	
1670835	751,911	3,922,990	0.73	8.00	20.0	170.0	440	channel	0.8m channel across banded quartz vein
1670836	751,911	3,922,989	0.89	15.00	20.0	470.0	170	channel	1.0m channel, FW to vein, lightly altered felsic augen gneiss
1670837	751,911	3,922,988	1.48	22.00	30.0	500.0	180	channel	1.0m channel;
1670838	751,911	3,922,987	0.81	21.00	30.0	420.0	170	channel	1.0m channel;
1670839	751,911	3,922,986	0.88	8.00	30.0	110.0	220	channel	1.0m channel; last here; trench bearing n20e
1670840	751,839	3,922,300	0.44	98.00	10.0	40.0	50	channel	
1670841	751,835	3,922,293	0.02	8.00	10.0	30.0	60	channel	
1670842	751,836	3,922,294	0.28	81.00	20.0	120.0	90	channel	
1670843	751,837	3,922,295	0.41	87.00	20.0	60.0	70	channel	
1670844	752,743	3,920,756	2.38	31.00	270.0	32,200.0	510	channel	at Jim's adit; 1.2m channel across upper red-orange vein zone, above next; same zone is much juicier 10ft west at sample 847
1670845	752,743	3,920,755	0.14	13.00	420.0	2,960.0	1,980	channel	
1670846	752,748	3,920,756	1.84	73.00	1,220.0	9,620.0	450	channel	inside adit; 1.0m channel through high clay alt HW material, then 0.4m banded QV; Previous sample 22 from original visit is here; this is same QV from 844 and 847 but 8m East of 845

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
1670847	752,739	3,920,756	0.73	59.00	1,180.0	33,900.0	990	channel	2.6m West of 844; 0.8m channel on upper banded QV, the top red QV swells to 0.8m and full of sulphide; shoulder at beginning of adit
1670848	752,294	3,923,315	3.27	17.00	40.0	970.0	330	channel	0.9m channel, HW clay alt granite and 0.4m banded QV; South of next
1670849	752,294	3,923,316	0.44	6.00	10.0	230.0	90	channel	
1670850	752,280	3,923,317	12.70	12.00	20.0	240.0	230	channel	4.0m trench cut about 30ft West of last; sampled on 1m intervals from N-S; 1.0m channel contains 20cm banded vein; QV is due E-W/75n
1670852	752,280	3,923,316	0.87	3.00	10.0	90.0	160	channel	1.0m channel, FW to vein, silicified gneiss at 0.7m then drops to dirt
1670853	752,280	3,923,315	0.15	0.50	10.0	40.0	130	channel	
1670854	752,280	3,923,314	0.03	1.00	30.0	30.0	80	channel	
1670855	751,508	3,921,824	11.50	12.00	510.0	2,720.0	4,020	channel	1.6m channel, vertical sample across width of Tintic vein directly below biotite gneiss FW contact; inside old tintic decline on shoulder at southward bend on 20ft level; hard QV down through gouge and into lower QV
1670856	752,202	3,922,199	0.27	2.00	40.0	140.0	130	channel	
1670857	753,082	3,922,652	0.49	1.00	10.0	50.0	550	channel	
1426188	751,646	3,922,929	0.32	1.37	10.4	16.8	52	chip	
1426189	751,646	3,922,919	0.15	1.06	27.9	25.9	97	chip	
1426190	751,646	3,922,909	0.07	0.46	11.7	31.3	79	chip	
1426191	751,567	3,922,959	0.11	0.85	6.4	11.6	32	chip	
1426192	751,567	3,922,949	0.10	86.30	56.2	107.0	93	chip	
1426194	751,386	3,922,959	0.38	28.00	13.5	169.5	121	chip	
1426195	751,386	3,922,949	0.26	80.10	200.0	1,685.0	1,000	chip	
1426196	751,386	3,922,939	0.15	6.98	12.0	20.7	92	chip	
1426202	751,290	3,923,029	0.31	9.12	37.3	112.0	153	chip	
1426203	751,059	3,923,165	0.06	9.57	7.9	185.0	26	chip	
1426204	751,059	3,923,155	0.01	0.53	6.0	13.5	51	chip	
1426205	751,050	3,923,586	0.13	1.67	10.2	16.6	16	chip	

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
1426206	751,341	3,923,328	0.08	7.40	4.9	49.6	28	chip	
1426207	751,636	3,923,516	0.67	37.30	19.8	93.2	125	chip	sample across vein and fault gouge; 8m long trench and down 6m; beehive seen in photo
1426209	752,010	3,923,543	0.83	16.25	33.4	146.0	92	chip	QV in pit NE of Cynthia; massive Qtz w local FeOx; sample across only exposed vein
1426210	752,226	3,923,536	0.80	1.94	11.5	21.5	23	chip	QVs and Bx Zones, most 4", 1 QV w gray sulphides, local heavy FeOx; sample across vein set
1426211	752,112	3,923,533	0.67	0.75	9.3	11.3	74	chip	sample across vein zone; local heavy FeOx, numerous veins/fracs/massive QV
1426214	751,815	3,923,051	0.34	3.11	5.5	7.5	29	chip	
1426217	752,066	3,922,956	0.92	1.57	7.7	31.0	54	chip	HW of main produced vein here, 30m cut on vein; banded LS epithermal observed here; sample across HW QVs/BXs, true width measured
1426218	752,218	3,921,854	0.06	0.28	3.8	3.1	14	chip	
1426222	752,742	3,920,759	2.36	58.50	1,260.0	26,300.0	912	chip	low angle vein/fault/Bx zone, tunnel and 40 decline- caved/blocked only 10m in; working in softer clay, hard vein on roof; sample across vein zone
1426228	751,941	3,922,714	0.04	3.84	31.6	404.0	399	chip	
1426229	752,031	3,922,712	0.15	1.21	17.2	203.0	48	chip	
1426230	752,134	3,922,611	0.01	0.27	7.4	60.4	46	chip	
1426231	752,509	3,922,458	0.56	2.04	22.0	95.3	275	chip	Jackpot Decline, beehive and partly filled; gps at top of ramp; sample across vein set
1426242	752,867	3,922,066	0.43	5.92	57.7	587.0	752	chip	
1624301	751,463	3,921,890	9.41	110.00	700.0	34,500.0	2,530	chip	0.8m chip across red tintic vein, HW side of n40w/50e contact into altered augen gneiss host
1624302	751,458	3,921,890	0.07	11.00	90.0	570.0	19,150	chip	
1624303	751,458	3,921,881	3.29	104.00	90.0	920.0	770	chip	1.3m chip across FeOx altered granitoid and 0.1m qtz vein zone
1624304	751,469	3,921,878	4.83	33.00	430.0	3,360.0	2,890	chip	2.0m chip channel across red vein outcrop, n20w trend on vein
1624305	751,470	3,921,872	0.26	30.00	160.0	760.0	1,260	chip	
1624306	751,475	3,921,862	2.49	10.00	180.0	1,440.0	910	chip	1.8m chip channel across red vein zone, 0.2m zone of massive MnOx, black QV, hard QV at N30w here
1624314	751,655	3,923,118	0.34	17.00	10.0	50.0	90	chip	
1624315	751,655	3,923,113	0.08	7.00	5.0	10.0	40	chip	

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
1624316	751,475	3,922,966	0.13	6.00	10.0	50.0	190	chip	
1624317	751,430	3,922,959	0.04	2.00	90.0	10.0	200	chip	
1624320	754,243	3,919,014	0.01	2.00	100.0	190.0	170	chip	
1624323	751,973	3,922,444	0.61	188.00	10.0	90.0	50	chip	1.3m chip across vein and into FW; massive solid QV w trace sulphide; FW is heavily altered and qtz filled fractures, almost nodules, HW is same host but fresh Diana Granitic Gneiss; n50e/50n
1624325	751,803	3,922,348	0.79	43.00	10.0	240.0	80	chip	10+m incline shaft at 70 degree, hazard, vein is n50w/60n and maybe 0.5m wide, diorite dike?, prevalent augen gneiss
1624327	751,834	3,922,298	0.02	1.00	10.0	20.0	30	chip	
1624328	751,834	3,922,293	0.49	79.00	20.0	100.0	70	chip	
1624335	751,400	3,922,024	0.21	2.00	10.0	50.0	150	chip	
1624336	751,416	3,922,041	0.01	1.00	10.0	30.0	80	chip	
1624337	751,417	3,922,046	0.07	1.00	10.0	30.0	130	chip	
1624338	751,418	3,922,051	0.01	1.00	30.0	30.0	100	chip	
1624342	751,691	3,921,995	0.00	1.00	10.0	30.0	40	chip	
1624344	753,207	3,922,181	0.26	12.00	40.0	60.0	50	chip	
1624368	751,579	3,922,158	0.05	0.50	10.0	190.0	30	chip	
1624374	751,700	3,922,895	0.01	0.50	10.0	40.0	50	chip	
1624382	751,426	3,921,975	0.18	2.00	30.0	80.0	70	chip	
1624387	751,477	3,922,631	0.10	95.00	30.0	100.0	780	chip	
1624388	751,470	3,922,592	0.00	0.50	20.0	20.0	100	chip	
1624408	751,621	3,922,044	0.00	0.50	5.0	10.0	20	chip	
1624409	751,644	3,922,029	0.00	0.50	80.0	10.0	40	chip	
1624410	751,642	3,922,023	0.00	0.50	5.0	20.0	50	chip	
1624429	752,070	3,922,366	0.00	1.00	20.0	20.0	70	chip	
1624430	752,071	3,922,363	0.00	1.00	30.0	30.0	50	chip	
1624432	752,071	3,922,373	0.00	1.00	5.0	20.0	20	chip	

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
1624433	752,071	3,922,383	0.01	1.00	10.0	30.0	50	chip	
1624434	752,071	3,922,393	0.00	1.00	5.0	20.0	50	chip	
1624435	752,064	3,922,344	0.00	2.00	40.0	20.0	120	chip	
1624436	752,054	3,922,344	0.01	4.00	40.0	30.0	100	chip	
1624437	752,044	3,922,344	0.01	2.00	60.0	20.0	110	chip	
1624438	752,034	3,922,344	0.10	4.00	40.0	80.0	80	chip	
1624439	752,024	3,922,344	0.00	1.00	10.0	30.0	60	chip	
1624444	752,097	3,922,391	0.00	1.00	10.0	30.0	30	chip	
1624445	752,016	3,922,288	0.01	1.00	10.0	30.0	60	chip	
1624489	751,353	3,921,868	0.00	2.00	5.0	20.0	10	chip	
1624493	751,067	3,922,240	0.25	1.00	10.0	10.0	120	chip	
1624494	751,067	3,922,230	0.58	11.00	5.0	30.0	30	chip	nw side of adit here is a 0.2m qv higher up from contact and at higher angle; there is no centre structure on this working but the veins are not traceable from one side to the other; 0.2m chip
1624495	751,067	3,922,220	0.93	14.00	5.0	20.0	30	chip	last vein is cut by gouge zone and this is immediately above; 0.3m chip across ellipsoidal block that is cut w Qvs and concentrically veined; last was brown-orange, this is bright red and more silicified
1624510	751,871	3,923,268	0.09	7.00	5.0	10.0	10	chip	
556951	753,073	3,924,475	0.04	3.00	10.0	10.0	20	dump	
556957	752,468	3,924,464	0.01	1.00	30.0	10.0	20	dump	
556961	751,732	3,921,679	0.31	1.00	30.0	90.0	130	dump	
557001	751,376	3,922,960	0.29	4.00	90.0	100.0	280	dump	
557014	752,918	3,922,105	0.22	107.00	1,150.0	42,300.0	2,430	dump	
557018	752,230	3,921,874	0.00	0.50	5.0	50.0	10	dump	
557028	754,985	3,918,012	0.98	79.00	400.0	4,900.0	1,350	dump	Minor dump of red and black FeOx qtz vein material by slightly exposed fault plane
557033	752,980	3,924,224	0.00	6.00	30.0	10.0	40	dump	
1426193	751,567	3,922,939	0.18	1.96	11.2	4.5	127	dump	

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1426197	751,386	3,922,929	3.62	26.60	55.8	4,480.0	47	dump	composite grab on fault gouge material pile, heavy FeOx-Greenish host and breccia w barite blades, fault gouge
1426198	751,386	3,922,919	7.34	2,060.00	258.0	13,000.0	275	dump	composite grab on high grade red material here, Heavy FeOx Vein material
1426199	751,386	3,922,909	0.21	5.20	351.0	230.0	23	dump	
1426208	751,346	3,923,570	2.35	413.00	143.0	5,550.0	2,940	dump	just west of windmill; massive banded QV, dissem pyr/galena/gray qtz/ massive banded sphalerite; collective grab on gray QV w pyr/gal; shaft and lower tunnel, approx 10m
1426213	751,907	3,923,494	0.41	3.97	12.1	38.5	188	dump	
1426219	752,726	3,920,748	3.49	144.00	1,980.0	40,200.0	2,150	dump	West Jim's Mine; collective grab on high FeOx/juicy ore from dumps; lots of oxidized pyrite and galena, trace stibnite; maybe hemimorphite/apatite crystals?
1426220	752,726	3,920,738	1.36	23.10	22,700.0	30,000.0	1,380	dump	collective grab on high grade CuOxide material, chrysocolla, malachite
1426223	752,919	3,920,863	0.93	352.00	788.0	2,530.0	3,650	dump	collective grab on high grade; 20+% pyr and sulphides, minor banding, sulphides from fine grain to 0.5cm crystals; main collapsed haul here
1426226	752,919	3,920,833	0.42	156.00	5,330.0	109,000.0	4,380	dump	collective grab on super oxidized vein material; black/yellow/orange/red/Pb green/tr CuOx (chrys)
1426232	752,484	3,922,469	56.60	168.00	274.0	12,400.0	517	dump	collective grab on sulphide ore at Jackpot; massive QV w local 5% sulphides, variable gray qtz and pyr, local chalcedonic texture
1426237	751,509	3,921,886	26.70	29.50	419.0	2,400.0	2,780	dump	collective grab on dump toe, same as 227
1426238	751,495	3,921,900	3.07	406.00	1,060.0	250,000.0	8,140	dump	collective grab on sulphide ore at Tintic Shaft Area; high galena, some massive to 4cm, good cubic form
1426240	752,920	3,922,220	0.56	32.60	179.5	9,090.0	16,200	dump	East Hill, collective grab on QV sulphide here; hard to tell what they did here but lots of dirt moved; massive banded vein observed
1426243	752,269	3,922,741	3.70	1,500.00	206.0	6,840.0	1,340	dump	Merrimac Shaft; collective grab on QV w good sulphide; gray qtz and pyr/gal/sphal; hunks of banded vein to 10" thick, good silver
1624372	751,393	3,922,385	0.17	129.00	30.0	200.0	290	dump	
556952	752,698	3,924,449	0.03	2.00	20.0	20.0	30	grab	
556953	753,507	3,923,354	0.16	5.00	170.0	990.0	70	grab	
556955	753,239	3,923,981	0.23	27.00	150.0	220.0	700	grab	
556958	751,900	3,924,000	0.02	1.00	10.0	640.0	50	grab	
556960	751,216	3,923,422	0.04	1.00	5.0	10.0	30	grab	
557003	750,534	3,923,146	0.01	0.50	40.0	10.0	90	grab	

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
557005	753,344	3,922,690	0.00	0.50	40.0	40.0	50	grab	
557006	752,505	3,922,457	0.62	2.00	20.0	80.0	270	grab	Jackpot - 2' wide qtz vein (banded and brecciated) with decline going down vein to NW about 30', augen gneiss in FW and HW
557008	752,476	3,922,475	60.40	290.00	290.0	6,830.0	2,630	grab	Jackpot - High grade slightly massive qtz in center of cockscomb qtz with blebs of py and asp, weathers greenish orange
557009	752,941	3,922,198	1.03	133.00	1,640.0	22,800.0	9,310	grab	GR - strongly oxidized (deep brown orange) qtz vein material, minor banding with minor py and asp?, feels dense, moderate black MnO, grungy appearance
557012	753,124	3,922,520	0.05	0.50	1,760.0	20.0	70	grab	
557013	752,908	3,922,142	0.27	137.00	1,090.0	15,350.0	3,740	grab	
557015	752,870	3,922,065	0.26	7.00	100.0	4,130.0	1,650	grab	
557016	752,632	3,921,871	0.00	4.00	50.0	160.0	110	grab	
557017	752,606	3,921,621	0.18	2.00	100.0	40.0	80	grab	
557019	753,079	3,923,022	0.06	0.50	30.0	20.0	20	grab	
557020	753,145	3,923,101	0.17	0.50	10.0	30.0	30	grab	
557021	753,156	3,923,106	1.73	2.00	50.0	60.0	30	grab	Vein in small 5' deep pit, oxidized brecciated banded vein material with red, orange-brown, and yellow-green (scorodite?) Ox, minor late fine grain asp
557022	753,212	3,923,161	0.01	1.00	230.0	20.0	30	grab	
557024	752,331	3,922,231	0.11	2.00	20.0	30.0	100	grab	
557025	752,201	3,922,199	0.21	0.50	10.0	20.0	40	grab	
557026	752,236	3,922,219	0.11	2.00	10.0	10.0	30	grab	
557027	754,834	3,918,076	5.44	84.00	700.0	2,190.0	4,070	grab	2' wide oxidized black and maroon, yellow orange slightly massive mottled qtz vein w/ py and dull-grey anhedral sulfide (asp?)
557031	752,434	3,923,978	0.02	2.00	5.0	10.0	20	grab	
557032	752,517	3,924,026	0.00	1.00	320.0	10.0	140	grab	
557036	752,597	3,924,255	0.03	4.00	60.0	10.0	40	grab	
557037	751,884	3,923,281	0.92	5.00	10.0	40.0	50	grab	White opaque qtz veining (banded) in HW of magnetic gabbro and FW of qtz fsp porphyry, brown to orange FeOx, dull black/dk grey mineral between bands
557038	752,055	3,923,407	0.00	0.50	10.0	40.0	80	grab	

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
557039	752,089	3,923,537	0.18	14.00	10.0	10.0	50	grab	
557040	751,926	3,923,540	0.24	5.00	5.0	30.0	40	grab	
557041	751,995	3,923,638	0.10	1.00	10.0	10.0	40	grab	
557042	752,186	3,923,536	0.93	2.00	10.0	10.0	30	grab	Orange-red ox banded and brecciated qtz vein with drusy open-space filling texture locally (2 small 4' pits on cynthia trend)
557043	752,297	3,923,312	9.65	143.00	40.0	2,100.0	150	grab	Exploration pit on steeply N-dipping shear in qtz fsp porphyry with 1' wide banded vuggy sulfide-bearing open-space filling cockscomb qtz vein with grungy fg arseonpyrite and pyrite, moderately oxidized yellow-green, red and orange brown
557044	752,279	3,923,142	0.61	8.00	10.0	90.0	130	grab	Small exploration pit with vuggy fine-grain arsenopyrite and pyrite in mottled white grey qtz veining with deep red and green-yellow ox
557045	752,312	3,922,943	0.27	1.00	5.0	10.0	10	grab	
557046	752,286	3,922,927	0.74	3.00	5.0	10.0	30	grab	Mottled grey and white sucrosic locally vuggy qtz vein outcrop in filled adit (similar to Y557045), red to orange brown FeOx and mod black MnO on fxs
557047	752,510	3,923,118	0.93	241.00	10.0	1,390.0	120	grab	Small exploration pit in HW of porphyritic andesite/diorite intrusive w/ cloudy mottled grey and white sulfide bearing qtz vn frags, py and dull grey sulfide (asp?) dissem throughout, locally weathered giving vuggy appearance
557048	752,462	3,923,520	1.83	5.00	10.0	200.0	30	grab	Slightly massive mottled qtz veining, orange and brown ox, multiple phases of vning, cockscomb texture locally, small exploration pit in equigranular granite somewhat along Cynthia trend
557049	752,829	3,924,055	0.22	3.00	5.0	40.0	10	grab	
1426215	752,086	3,922,944	2.22	8.98	27.2	222.0	97	grab	Grab on Silicified Hilltop pit, high level epithermal, silicification w druze and some oxides
1426216	752,116	3,922,944	0.02	2.67	4.6	17.7	27	grab	
1426224	752,919	3,920,853	0.54	2.23	499.0	80.0	3,630	grab	Massive QV w black/yellow/orange oxides, some gray qtz and fine pyr; locally banded QV along fault w slicks; low sulpide compared to last, maybe pink rhodochrosite bands
1426234	752,065	3,922,348	1.15	868.00	124.5	2,070.0	679	grab	2 tiny pits on hill, QV w local sulphide/oxides; collective grab on QV here
1426235	751,961	3,922,432	0.40	235.00	98.7	541.0	129	grab	
1426244	752,265	3,922,748	3.58	298.00	113.5	3,390.0	3,240	grab	collective grab on yellow/orange/brown oxide phase of vein
1426246	751,799	3,922,830	0.14	9.47	16.9	98.5	242	grab	

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
1624307	751,503	3,921,771	1.30	36.00	300.0	2,140.0	1,030	grab	grab at south outcrop on tintic vein, trench or small pit here, sulphide ore in bag
1624308	751,530	3,921,830	0.09	1.00	10.0	20.0	40	grab	
1624309	751,533	3,922,931	0.02	2.00	10.0	10.0	20	grab	
1624310	751,604	3,922,914	0.11	0.50	10.0	10.0	30	grab	
1624312	751,574	3,922,924	0.05	3.00	10.0	20.0	50	grab	
1624313	751,650	3,923,118	0.20	14.00	10.0	80.0	100	grab	
1624318	754,039	3,918,256	0.48	29.00	470.0	1,180.0	1,340	grab	
1624319	754,235	3,919,034	0.01	6.00	100.0	3,850.0	850	grab	
1624321	754,163	3,919,186	0.10	7.00	110.0	7,320.0	1,590	grab	
1624322	754,222	3,919,101	0.12	7.00	10.0	1,010.0	60	grab	
1624324	751,917	3,922,395	0.07	12.00	10.0	80.0	80	grab	
1624326	751,837	3,922,301	1.02	398.00	20.0	150.0	120	grab	15+m incline shaft at 70 degree on a QV trending n40e/50n; QV zone w gouge zone, good outcrop in trench, grab on vein zone material from dump
1624329	751,880	3,922,279	0.01	1.00	5.0	40.0	20	grab	
1624330	751,949	3,922,270	0.30	12.00	10.0	20.0	80	grab	
1624332	752,065	3,922,344	1.82	2,440.00	240.0	2,030.0	570	grab	small pits here, piled QV shows massive bull qtz texture w FeOx blebs and local galena; guess on trend n75w, next to diana gneiss that grades into augen toward the north
1624333	751,868	3,922,317	0.59	139.00	20.0	110.0	30	grab	dozer cut next to road and on trend w vein from incline shaft; massive bull qtz w some chalcedonic massive silica zones, local FeOx; FW augen gneiss is silica altered
1624334	751,759	3,922,252	0.07	3.00	10.0	40.0	20	grab	
1624339	751,579	3,921,903	0.01	0.50	5.0	10.0	60	grab	
1624340	751,688	3,921,939	0.00	2.00	10.0	50.0	90	grab	
1624341	751,685	3,921,946	0.02	2.00	10.0	30.0	10	grab	
1624345	753,207	3,922,171	0.01	0.50	10.0	40.0	80	grab	
1624346	752,296	3,921,569	0.00	0.50	5.0	10.0	10	grab	

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
1624347	752,296	3,921,559	0.00	1.00	5.0	10.0	20	grab	
1624348	752,214	3,921,856	0.00	1.00	5.0	20.0	20	grab	
1624349	752,227	3,921,839	0.01	0.50	30.0	10.0	120	grab	
1624350	751,427	3,921,808	0.36	13.00	30.0	230.0	110	grab	
1624352	751,647	3,921,579	0.00	0.50	20.0	30.0	40	grab	
1624353	751,647	3,921,569	0.07	3.00	30.0	1,800.0	440	grab	
1624354	751,647	3,921,559	0.92	562.00	590.0	36,700.0	230	grab	at last, piece of good bubbly qtz vein w sulphide patches; single juicy piece of qv here
1624355	751,713	3,921,606	0.05	1.00	5.0	90.0	10	grab	
1624356	751,724	3,921,689	0.73	2.00	20.0	160.0	160	grab	old shaft and collapsed haul, caved and filled to 5m deep hole; pile of vein here shows to be a narrow zone, vein ~20cm wide, cockscomb qtz and brown calcite
1624357	751,802	3,921,669	0.57	147.00	10.0	590.0	210	grab	trench here, sample of QV; massive qtz w limonite patches, some massive grey
1624358	751,903	3,921,759	0.01	2.00	10.0	40.0	110	grab	
1624359	751,933	3,921,839	0.85	17.00	100.0	1,470.0	630	grab	massive qtz w pyrite patches, small amount of sulphide material here into bag; approx n35w
1624360	751,933	3,921,829	0.54	7.00	70.0	1,540.0	1,110	grab	red matrix supported angular bull qtz clast breccia
1624361	751,895	3,921,928	0.01	0.50	5.0	20.0	60	grab	
1624364	752,792	3,920,882	0.02	0.50	40.0	210.0	150	grab	
1624369	751,619	3,922,184	3.00	7.00	30.0	200.0	30	grab	pit along FeOx stained outcrop; QV from this pit in bag, approx n50e vein trend
1624370	751,366	3,922,179	0.00	1.00	20.0	40.0	90	grab	
1624375	751,687	3,922,913	6.00	289.00	120.0	2,580.0	5,640	grab	10ft pit dug on surface trace of magma vein, just W of shaft; this bag is sulphide ore, 2-3% pyr +gal, locally 10%, layered comb qtz w sulphides, some red qtz breccia, some chalcedonic banding
1624376	751,687	3,922,903	0.85	2.00	5.0	40.0	110	grab	massive white micro-crystalline qtz w heavy MnOx and druse; leg of arizone magma vein
1624377	751,687	3,922,893	5.82	9.00	90.0	370.0	1,900	grab	6 inch hunk of massive coarse crystalling qtz and 10+% pyrite and arseonpyrite, brittle rock, historic ore zone?
1624378	751,687	3,922,883	3.57	12.00	90.0	380.0	1,830	grab	Qtz vein breccia phase w pyr + arsenopyr + chalco/bornite, sulpides ~10% with 40% locally; mostly massive/coarse crystalline qtz but definite epithermal textures

Sample Number	Easting (wgs84-11N)	Northing (wgs84-11N)	Au (ppm)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Sample Type	Description (+0.5g/t Au)
1624379	751,914	3,922,984	4.44	100.00	60.0	4,440.0	340	grab	On Starlight vein trend 20+m wide epithermal cell, high-level pervasive silicification, drusy coatings, FeOx + MnOx, similar massive MnOx vein to others; entire slope here is epithermal silica cap; bend from n75w to n50w, tracks out into cover or bend bac
1624380	752,030	3,922,710	0.07	2.00	5.0	20.0	20	grab	
1624381	752,298	3,922,935	0.93	3.00	10.0	60.0	40	grab	Starlight vein trend north of merrimac; vein bends to n60e/65se; epithermal cell on this hill maybe 10m wide, same high level epithermal qtz, silica cap; filled shaft
1624383	751,430	3,921,963	0.00	1.00	40.0	20.0	70	grab	
1624385	751,232	3,922,505	1.65	1,700.00	150.0	940.0	780	grab	single grab on gray matrix supported rounded clast epithermal BX w euhedral pyrite 1-2%
1624386	751,232	3,922,495	6.08	341.00	120.0	1,850.0	3,990	grab	single grab on layered massive and minor FG w black sulphide layers (20% black in layer), later fractured and re-healed, slickensides and calcite fault plane surfaces, host is dominatly biotite augen gneiss; also a k-spar/qtz felsic intrusive along fault
1624389	751,448	3,922,589	0.37	2.00	50.0	10.0	70	grab	
1624392	753,067	3,922,647	3.51	1.00	5.0	40.0	70	grab	massive layered 2cm comb qtz w arsenopyr 2-4% and pyr 1-2%; at least 0.3m layer; maybe rusty adularia on combs; high arseno in green vitreous layers
1624393	753,067	3,922,637	32.40	171.00	840.0	5,490.0	6,420	grab	grab on highly silicified and FG qtz (vuggy?) w abundant pyr and arsenopyr and other sulphides 30%+; very dense w FG sulphide patches
1624394	753,067	3,922,627	27.30	918.00	600.0	7,160.0	13,000	grab	coarse bull qtz and sugary qtz w sulphide patches and bands of arseno+pyr 2-4%
1624395	753,067	3,922,617	1.14	4.00	5.0	10.0	50	grab	adularia cemented angular qtz breccia phase w arsenopyrite 2-3%, locally 10-15%
1624396	753,067	3,922,607	24.20	83.00	40.0	17,500.0	590	grab	0.1m thick zone of fine layered qtz and oxidized sulphide patches; wall rock here is silica and argillic altered augen gneiss
1624397	753,067	3,922,597	1.95	5.00	5.0	50.0	30	grab	bag on closest thing to blk-white banded chalcedonic vein, micro-crystalline epithermal qtz banded vein; boulder augen gneiss trends west from here through flats
1624398	753,076	3,923,021	0.11	1.00	20.0	30.0	20	grab	
1624399	753,089	3,922,775	0.24	8.00	80.0	10.0	50	grab	
1624400	751,684	3,921,894	0.08	1.00	5.0	10.0	20	grab	
1624401	751,655	3,921,895	0.06	0.50	5.0	10.0	10	grab	
1624402	751,676	3,921,928	0.03	1.00	5.0	10.0	10	grab	

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1624403	751,676	3,921,918	0.05	49.00	10.0	10.0	30	grab	
1624404	751,676	3,921,908	0.00	0.50	5.0	10.0	10	grab	
1624405	751,676	3,921,898	0.02	1.00	30.0	10.0	30	grab	
1624406	751,682	3,921,959	0.00	0.50	20.0	10.0	10	grab	
1624407	751,682	3,921,949	0.05	1.00	5.0	10.0	10	grab	
1624412	751,561	3,921,904	0.03	0.50	10.0	10.0	40	grab	
1624413	751,557	3,921,929	0.01	0.50	5.0	10.0	10	grab	
1624415	751,664	3,922,142	0.04	16.00	70.0	4,710.0	630	grab	
1624416	751,664	3,922,132	0.04	26.00	20.0	7,420.0	1,390	grab	
1624417	751,708	3,922,212	0.01	1.00	30.0	20.0	70	grab	
1624418	751,708	3,922,202	0.00	0.50	5.0	10.0	20	grab	
1624419	751,708	3,922,192	0.00	0.50	5.0	10.0	30	grab	
1624420	751,756	3,922,187	0.00	0.50	10.0	10.0	20	grab	
1624421	751,756	3,922,177	0.00	0.50	5.0	10.0	20	grab	
1624422	751,904	3,922,066	0.00	0.50	5.0	10.0	50	grab	
1624423	751,923	3,922,074	0.20	0.50	10.0	10.0	70	grab	
1624424	751,923	3,922,064	0.39	3.00	5.0	20.0	10	grab	
1624425	751,923	3,922,054	0.01	1.00	10.0	30.0	100	grab	
1624426	751,923	3,922,044	0.00	0.50	5.0	50.0	30	grab	
1624427	751,923	3,922,034	0.01	1.00	5.0	40.0	90	grab	
1624428	751,923	3,922,024	0.00	0.50	5.0	40.0	30	grab	
1624440	752,071	3,922,355	0.52	710.00	110.0	1,510.0	500	grab	vein zone appears to come over this faint saddle; yellow-brown augen gneiss w 2-5cm qtz w limonite veining; zone trend is n70e and on FW to augen band; massive qtz w yellow oxide patches and trace galena
1624441	752,073	3,922,343	0.20	234.00	140.0	1,240.0	510	grab	

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1624442	752,073	3,922,343	1.77	2,080.00	270.0	4,340.0	980	grab	this qv is up to 0.2m and has sulphide patches 2-3%+ that show galena, arsenopyr, and black sulphide mineral w CuOx; previous high grade sampling came from pile of QV in tiny pit atop hill, this pile is sulphide dump from pit
1624443	752,073	3,922,333	0.01	5.00	20.0	30.0	50	grab	
1624446	752,041	3,922,266	3.09	489.00	80.0	330.0	160	grab	old dozer trench; 0.2m chunk of massive silica vein, FG silica, very hard core, nodule shape, darkgray MC qtz w 3-5% dissem arsenopyr
1624447	752,041	3,922,256	0.03	2.00	5.0	10.0	10	grab	
1624448	752,041	3,922,246	0.54	2.00	5.0	20.0	80	grab	MnOx black leg of vein zone; MC qtz w patches of sulphide and plagioclase grain replacement
1624449	752,080	3,922,297	0.00	0.50	5.0	20.0	10	grab	
1624450	752,246	3,922,534	0.00	0.50	5.0	10.0	10	grab	
1624452	752,246	3,922,524	0.00	1.00	5.0	10.0	20	grab	
1624453	751,930	3,921,802	0.01	0.50	180.0	10.0	50	grab	
1624454	751,930	3,921,792	0.00	0.50	30.0	20.0	30	grab	
1624455	751,897	3,921,671	0.00	0.50	5.0	10.0	20	grab	
1624456	751,992	3,921,545	0.00	0.50	120.0	10.0	90	grab	
1624457	752,000	3,921,561	0.00	0.50	5.0	10.0	10	grab	
1624458	752,000	3,921,551	2.53	56.00	20.0	1,790.0	10	grab	4 inch lump of layered coarse comb qtz and bubbly lattice w oxide boxwork phase
1624459	752,000	3,921,541	0.01	0.50	5.0	10.0	10	grab	
1624460	752,100	3,921,454	0.01	0.50	50.0	20.0	10	grab	
1624461	752,100	3,921,444	9.86	9.00	40.0	3,690.0	40	grab	grab on high silica and argillic altered augen gneiss
1624462	752,083	3,921,461	0.37	10.00	70.0	80.0	30	grab	
1624463	752,081	3,921,422	0.01	0.50	40.0	40.0	40	grab	
1624464	751,793	3,923,103	0.01	1.00	10.0	30.0	40	grab	
1624465	751,800	3,923,061	0.13	9.00	5.0	20.0	30	grab	
1624466	751,800	3,923,051	0.01	0.50	5.0	10.0	20	grab	
1624467	751,800	3,923,041	0.14	1.00	5.0	10.0	30	grab	

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1624468	751,800	3,923,031	0.08	1.00	5.0	10.0	10	grab	
1624469	751,856	3,923,069	0.23	217.00	20.0	820.0	500	grab	
1624470	752,042	3,922,133	0.02	2.00	5.0	20.0	20	grab	
1624472	752,145	3,922,240	0.24	1.00	10.0	30.0	90	grab	
1624473	752,145	3,922,230	0.35	1.00	10.0	20.0	160	grab	
1624474	752,145	3,922,220	0.46	1.00	5.0	10.0	50	grab	
1624475	752,145	3,922,210	0.08	0.50	40.0	20.0	150	grab	
1624476	752,235	3,922,350	0.00	0.50	5.0	10.0	10	grab	
1624477	752,235	3,922,340	0.00	1.00	5.0	10.0	10	grab	
1624478	752,587	3,922,415	0.00	0.50	10.0	30.0	60	grab	
1624479	753,405	3,919,341	0.22	9.00	260.0	1,870.0	200	grab	
1624480	752,507	3,917,225	0.01	2.00	30.0	200.0	150	grab	
1624481	752,490	3,917,213	0.01	10.00	150.0	690.0	180	grab	
1624482	752,467	3,917,208	0.00	0.50	60.0	10.0	20	grab	
1624483	752,490	3,917,203	0.07	1.00	50.0	1,340.0	530	grab	
1624484	752,480	3,917,192	0.08	11.00	50.0	440.0	270	grab	
1624485	752,975	3,918,841	0.03	1.00	50.0	20.0	20	grab	
1624486	751,432	3,921,800	21.50	196.00	600.0	28,800.0	710	grab	7cm wide qv chunk, only piece here on trench; layered comb qtz and lattice w oxidized sulphide patches, yellow-brown-orange; one side is coarse comb into massive brown oxide, other side is massive dark gray crystalline qtz w sulphide;
1624487	751,432	3,921,790	0.59	6.00	10.0	180.0	40	grab	selective grab on non MnOx epi qv here; finely layered comb qtz w local oxidized sulphides (tr) and some argillic clasts
1624488	751,432	3,921,780	0.08	8.00	20.0	190.0	60	grab	
1624490	751,206	3,922,115	1.32	32.00	610.0	6,580.0	9,130	grab	tintic tailings, taken at 0.3m depth
1624492	751,714	3,922,822	0.29	8.00	20.0	80.0	340	grab	
1624496	751,074	3,922,238	0.56	19.00	5.0	10.0	30	grab	collective grab on the qtz on this dump

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1624497	751,854	3,924,742	0.00	0.50	20.0	10.0	50	grab	
1624498	751,866	3,924,355	0.00	1.00	5.0	10.0	10	grab	
1624499	751,918	3,923,176	0.00	0.50	5.0	10.0	220	grab	
1624500	751,913	3,923,208	0.05	0.50	10.0	10.0	160	grab	
1624501	752,072	3,922,612	0.00	1.00	10.0	70.0	600	grab	
1624502	752,063	3,922,656	0.00	1.00	10.0	50.0	160	grab	
1624503	751,947	3,922,714	0.06	8.00	5.0	110.0	70	grab	
1624504	751,990	3,922,712	0.01	0.50	5.0	10.0	10	grab	
1624505	751,990	3,922,702	0.02	1.00	5.0	10.0	10	grab	
1624506	751,990	3,922,692	0.00	0.50	5.0	10.0	70	grab	
1624507	752,081	3,922,621	0.01	1.00	10.0	20.0	280	grab	
1624508	751,863	3,922,978	0.26	2.00	5.0	10.0	10	grab	
1624509	751,871	3,923,278	0.02	0.50	5.0	10.0	10	grab	
1624512	751,897	3,921,751	0.00	0.50	5.0	10.0	20	grab	
1624601	752,116	3,923,221	0.01	1.00	5.0	30.0	60	grab	
1624602	752,039	3,923,411	0.01	0.50	10.0	10.0	20	grab	
1624603	751,848	3,924,653	0.00	0.50	40.0	10.0	10	grab	
1624604	751,849	3,924,659	0.00	0.50	5.0	20.0	20	grab	
1624605	751,094	3,923,503	0.01	1.00	40.0	1,290.0	100	grab	