Wolf Head Discovery and Mining LLC
Big Alex Project (YMEP 18-044)
2018 Yukon Mineral Exploration Program Report

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Introduction

WHDM is exploring and developing placer gold on its Big Alex Project along Clear Creek, Dawson Mining District, Yukon Territory. Exploration work conducted between 2014 and 2017 identified gravels in gulches down-cut through the raised benches and tributary to Clear Creek were identified as a prospective setting for economic gold concentrations, and a potential source for gold in creek gravels adjacent to Clear Creek.

Results to date demonstrate an association of potentially economic placer concentrations with channels incised on, or into, raised bench gravels, and with gravel channels overlying, and incised into, bedrock in the valley bottom adjacent to Clear Creek. Inspection of high resolution LiDAR digital topography collected along the Klondike Highway corridor immediately to the west of the Big Alex Project indicates that such settings are readily identifiable. WHDM contracted with Eagle Mapping Ltd (Port Coquitlam, BC) to collect a high-resolution LiDAR elevation survey in 2018 over the entirety of the Big Alex Project in order to better identify prospective placer environments, and to inform strategic sampling and evaluation of the same.

Subsequent to collection of the LiDAR survey in July 2018, WHDM conducted limited auger drilling on a number of targets identified by terrain analysis of survey results. Sluice concentrates recovered by auger drilling were assayed for gold and a 48-element major- and trace-element geochemical package.

Project Location and Access

Wolf Head Discovery & Mining LLC's (WHDM) Big Alex Project is located in the Dawson Mining District approximately 100 km southeast of Dawson City. The project consists of 250 placer claims with an aggregate area of ~1376 ha, encompassing raised benches and creek gravels adjacent to Clear Creek (Fig 1). The project is accessed by road off the Klondike Highway. The main camp is located on the claim block approximately 2 km from the Klondike Highway (63.742°N, 137.661°W), and a rehabilitated post road provides convenient access for personnel and equipment along the axis of the claims.

Geological Description and Previous Work

Placer gold has been known to occur in the Clear Creek drainage since 1900, and in excess of 120,000 ounces of placer gold has been recovered since. Morison (1983) recognized several settings in which placer gold occurs in the upper Clear Creek drainage, including creek and gulch placers, preglacial fluvial gravels in raised benches, and glacially derived sediments. Marsh and others (1999) identified aurifierous sheeted quartz veins and silicified shear zones associated with the margins of the mid-Cretaceous Tombstone intrusions in the upper part of the drainage as the likely source for placer gold in the drainage.

Most historic placer gold production in the drainage has occurred upstream of the Big Alex Project, and little specific attention has been directed to the placer gold potential of the raised bench and creek gravels downstream of the point Clear Creek enters the Tintina Trench. Prospecting, test pitting, rotosonic drilling, and bulk sampling by WHDM during 2014-2017 has identified the potential for both raised bench and creek gravels to host a significant placer gold resource.

LiDAR Survey

Eagle Mapping Ltd (Port Coquitlam, BC) ("Eagle") was contracted by Wolf Head Discovery & Mining LLC ("WHDM") to conduct an aerial LiDAR survey of their Big Alex Property and adjacent reaches of Clear Creek, Dawson Mining District, YT. A total area of 41 km^2 was outlined for the survey.

Eagle used a Riegl Q1560 dual-channel LiDAR system. The total scan field of view for this instrument is 58°, and the scan rate was 800kHz (533kHz usable).

The survey was conducted on July 4, 2018, on a single mission based out of Whitehorse, YT. A total of 7 flight lines were flown over the project area with a nominal 1130m line spacing, providing a minimum 30% side overlap. Nominal flying height was 1450 m above ground level at a flight speed of approximately 140 kts.

Position and altitude of the aircraft was determined by post-processing of the raw GNSS signal recorded at 200Hz using Trimble RTZ correction services and Applanix PosPAC v8.2 software. Data was project into UTM coordinates adjusted to the CGG2013 geoid. Final survey accuracy is estimated by Eagle to be ±30cm horizontally and ±15cm vertically.

Eagle provided WHDM with copies of the raw survey LAS data, and both Digital Surface (DSM) (first return) and Digital Elevation (DEM) (last return) Models in both LAS and ascii formats. Final model cell size is 1m by 1m. A copy of the LiDAR Data Report is attached to this report as Appendix A.

WHDM generated contour and shaded relief maps from the ascii DEM files using ArcGIS 10.3 for Desktop software with the Spatial Analyst 10.3 software. A contour interval of 1m was selected for the data included in this report. The shaded relief surface was generated using a nominal illumination azimuth of 045° (NE) and altitude of 15° above the horizon; this illumination angle accentuated features on both the creek and bench for subsequent terrain analysis.

Conclusions and Recommendations

Analysis of the completed LiDAR survey data indicates that fluvial landforms associated with paleochannels of Clear Creek are readily identifiable, including those which would be otherwise obscured by vegetation and (or) permafrost. This detailed information on the precise location of meander cutoffs, point bars, abandoned channels, and other fluvial features will assist in location, sampling, and estimation of placer resources in the Clear Creek valley.

The LiDAR survey data also delineated a number of elevated benches, some of which are known to be auriferous. A number of targets were selected on the lower bench for follow-up investigation, including channel margins, hummocky cover, raised paleochannel gravels, and channels incised into the surface of the bench.

Geochemical Analyses

As a follow-up to the LiDAR survey, nineteen (19) auger drill holes totaling 312.4 metres were drilled to test placer target concepts identified by terrain analysis of the LiDAR survey. The principal setting targeted for drilling were glacial gravel benches deposited in channels incised into preglacial fluvial gravels deposited in the Tintina Trench. Two separate benches were identified and targeted. Drill holes and their targets are summarized in Table 1.

Table 1. WHDM auger drilling. UTM coordinates are NAD83 datum, zone 8.

DHID	Longitude	Latitude	UTME	UTMN	Collar Elev (m)	Depth (m)	Driller	Date	Target
WH18-66	-137.661571	63.743354	368653	7071153	578.91	18.29	Fleurant	05-Sep-18	lower bench channel (overbank)
WH18-67	-137.660969	63.743320	368682	7071148	579.44	18.29	Fleurant	05-Sep-18	lower bench channel (gravel core)
WH18-68	-137.660366	63.743286	368712	7071142	578.54	18.29	Fleurant	05-Sep-18	lower bench channel (overbank)
WH18-69	-137.660883	63.743883	368689	7071210	580.78	14.02	Fleurant	06-Sep-18	lower bench channel (gravel core)
WH18-70	-137.667598	63.748516	368380	7071740	591.19	18.29	Fleurant	06-Sep-18	lower bench margin
WH18-71	-137.654268	63.746824	369029	7071524	580.40	18.29	Fleurant	06-Sep-18	lower bench
WH18-72	-137.649957	63.743318	369226	7071125	540.12	13.41	Fleurant	09-Sep-18	lower bench toe/ creek transition
WH18-73	-137.650027	63.742927	369220	7071081	539.29	13.41	Fleurant	09-Sep-18	lower bench toe/ creek transition
WH18-74	-137.658716	63.732251	368742	7069910	573.09	18.29	Fleurant	09-Sep-18	lower bench
WH18-75	-137.657521	63.722045	368754	7068771	589.56	15.24	Fleurant	09-Sep-18	lower bench (hummocky cover)
WH18-76	-137.655832	63.721550	368835	7068713	586.34	15.24	Fleurant	09-Sep-18	lower bench (hummocky cover)
WH18-77	-137.654020	63.721150	368923	7068665	582.20	13.41	Fleurant	10-Sep-18	lower bench (hummocky cover)
WH18-78	-137.629750	63.701051	370028	7066377	579.71	19.51	Fleurant	10-Sep-18	upper bench
WH18-79A	-137.666340	63.746086	368430	7071467	583.30	10.67	Fleurant	11-Sep-18	lower bench gravel
WH18-79B	-137.666346	63.746031	368430	7071460	583.12	18.29	Fleurant	11-Sep-18	lower bench gravel (redrill WH18-79A)
WH18-80	-137.665398	63.745220	368473	7071368	581.99	18.29	Fleurant	11-Sep-18	lower bench gravel
WH18-81	-137.655054	63.740552	368961	7070827	550.86	14.63	Fleurant	12-Sep-18	incised channel, lower bench
WH18-82	-137.661201	63.736677	368640	7070408	554.14	18.29	Fleurant	12-Sep-18	incised channel, lower bench
WH18-83	-137.661302	63.736488	368634	7070387	553.73	18.29	Fleurant	12-Sep-18	incised channel, lower bench

Auger drilling was conducted between September 5 and September 12, 2018, by Sylvain Fleurant (Dawson YT). Holes ranged in depth from 10.7 to 19.5 meters, averaging 16.4 meters deep. From the total drilled meterage, 78 samples were collected from 211.5 cumulative meters. Samples averaged 90.1 kg field weight (ranging from 18.8 to 277.8 kg) corresponding to an average sampled interval of 2.75 m (range 0.30-3.35 m).

Auger samples were concentrated using a Le Trap 14x48” sluice box, producing concentrates averaging 620 g (an ~150:1 concentration ratio). Analytical blanks (crushed quartzite) were inserted into the sample stream for quality control. Concentrates and blanks were submitted to ALS Minerals for assay and analysis. Samples were dried, weighed, crushed, and pulverized to >85% passing minus 75 microns. A nominal 50 g split was used for gold determination by fire assay and an ICP-AES finish. An additional 0.2 g split was digested in a 4-acid solution, and analyzed for 48 elements in by ICP-MS.

Analytical data indicates a weak correlation between sluice-recovered Au and Co, W, Mo, Re, and As.

Sample field and laboratory processing data are summarized in Table 2. Full analytical results are included in Appendix 2.

Table 2. Field and laboratory processing data for auger drilling samples.

Sample_Number	DHID	From (m)	To (m)	Interval (m)	Centroid Elev (m)	Field Wt (kg) (damp)	Sluice Con dry Wt (kg) (damp)
V999298	WH18-66	0.00	3.05	3.05	577.39	30.8	0.22
V999299	WH18-66	3.05	6.10	3.05	574.34	92.9	0.69
V999300	WH18-66	6.10	9.14	3.05	571.29	66.2	0.63
V999301	WH18-66	9.14	12.19	3.05	568.24	69.0	0.63
V999302	WH18-66	12.19	15.24	3.05	565.20	69.8	0.56
V999303	blank						0.23
V999304	WH18-66	15.24	18.29	3.05	562.15	157.4	0.51
V999305	WH18-67	0.91	3.05	2.13	577.46	74.0	0.35
V999306	WH18-67	3.05	6.10	3.05	574.87	105.2	0.66
V999307	WH18-67	6.10	9.14	3.05	571.82	110.4	0.62
V999308	WH18-67	9.14	12.19	3.05	568.77	103.2	0.67
V999309	WH18-67	12.19	15.24	3.05	565.72	72.4	0.67
V999310	WH18-67	15.24	18.29	3.05	562.67	196.1	0.65
V999311	WH18-68	2.44	3.05	0.61	575.80	35.2	0.56
V999312	WH18-68	3.05	6.10	3.05	573.97	105.4	0.71
V999313	WH18-68	6.10	9.14	3.05	570.92	101.2	0.61
V999314	WH18-68	9.14	12.19	3.05	567.87	70.2	0.58
V999315	WH18-68	12.19	15.24	3.05	564.82	36.8	0.67
V999316	WH18-68	15.24	18.29	3.05	561.78	130.2	1.08
V999317	WH18-69	1.22	3.05	1.83	578.65	62.0	0.71
V999318	blank						0.21
V999319	WH18-69	3.05	6.10	3.05	576.21	99.6	0.62
V999320	WH18-69	6.10	9.14	3.05	573.16	107.4	0.53
V999321	WH18-69	9.14	12.19	3.05	570.11	94.2	0.54
V999322	WH18-69	12.19	14.02	1.83	567.67	101.0	0.62
V999323	WH18-70	3.05	6.10	3.05	586.62	31.8	0.36
V999324	WH18-70	6.10	9.14	3.05	583.57	68.6	0.58
V999325	WH18-70	9.14	12.19	3.05	580.52	127.4	0.65
V999326	WH18-70	12.19	15.24	3.05	577.47	35.0	0.41
V999327	WH18-70	15.24	18.29	3.05	574.42	135.0	0.55
V999328	WH18-71	0.91	3.05	2.13	578.42	61.6	0.74
V999329	WH18-71	3.05	6.10	3.05	575.83	98.4	0.68
V999330	WH18-71	6.10	9.14	3.05	572.78	71.6	0.33
V999331	blank						0.18
V999332	WH18-71	9.14	12.19	3.05	569.73	64.8	0.72
V999333	WH18-71	12.19	15.24	3.05	566.68	62.8	0.54
V999334	WH18-71	15.24	18.29	3.05	563.63	122.4	0.67
V999335	WH18-72	11.89	13.41	1.52	527.47	96.2	0.65

Sample_Number	DHID	From (m)	To (m)	Interval (m)	Centroid Elev (m)	Field Wt (kg) (damp)	Sluice Con dry Wt (kg) (damp)
V999336	WH18-73	2.13	3.05	0.91	536.70	42.8	0.75
V999337	WH18-73	3.05	6.10	3.05	534.72	44.0	0.95
V999338	WH18-73	12.19	13.41	1.22	526.49	18.8	0.54
V999339	WH18-74	0.00	3.05	3.05	571.57	71.2	0.69
V999340	WH18-74	3.05	6.10	3.05	568.52	74.8	0.61
V999341	WH18-74	6.10	9.14	3.05	565.47	89.4	0.6
V999342	WH18-74	9.14	12.19	3.05	562.42	62.0	0.59
V999343	WH18-74	12.19	15.24	3.05	559.37	126.6	0.57
V999344	WH18-74	15.24	18.29	3.05	556.33	168.0	0.59
V999345	WH18-75	9.75	12.19	2.44	578.59	74.2	0.36
V999346	WH18-75	12.19	14.94	2.74	576.00	110.6	0.52
V999347	WH18-75	17.98	18.29	0.30	571.43	99.7	0.84
V999348	WH18-76	7.62	9.14	1.52	577.96	33.0	0.46
V999349	WH18-76	9.14	12.19	3.05	575.67	97.2	0.52
V999350	WH18-76	12.19	15.24	3.05	572.62	172.6	0.59
V999351	WH18-77	10.06	13.41	3.35	570.47	146.4	0.47
V999352	WH18-78	12.19	15.24	3.05	565.99	92.2	0.24
V999353	WH18-78	16.46	19.51	3.05	561.73	230.2	0.42
V999354	WH18-79A	0.00	3.05	3.05	581.78	71.0	0.74
V999355	WH18-79A	3.05	6.10	3.05	578.73	78.0	0.66
V999356	WH18-79A	6.10	9.14	3.05	575.68	157.4	0.63
V999357	WH18-79B	9.14	12.19	3.05	572.45	113.8	0.59
V999358	WH18-79B	12.19	15.24	3.05	569.40	99.0	0.37
V999359	WH18-79B	15.24	18.29	3.05	566.36	277.8	0.54
V999360	WH18-80	1.52	3.05	1.52	579.70	34.4	0.63
V999361	WH18-80	3.05	6.10	3.05	577.42	71.6	0.54
V999362	blank						0.25
V999363	WH18-80	6.10	9.14	3.05	574.37	69.6	0.64
V999364	WH18-80	9.14	12.19	3.05	571.32	71.0	0.5
V999365	WH18-80	12.19	15.24	3.05	568.27	65.4	0.34
V999366	WH18-80	15.24	18.29	3.05	565.23	135.6	0.73
V999367	WH18-81	2.13	3.05	0.91	548.27	33.0	0.67
V999368	WH18-81	3.05	6.10	3.05	546.29	36.2	0.46
V999369	WH18-81	12.19	14.63	2.44	537.45	62.6	0.45
V999371	WH18-82	6.71	9.14	2.44	546.22	72.8	0.51
V999372	WH18-82	9.14	12.19	3.05	543.47	36.0	0.63
V999373	WH18-82	12.19	15.24	3.05	540.42	71.2	0.73
V999374	WH18-82	15.24	18.29	3.05	537.38	137.2	0.43
V999375	WH18-83	7.32	9.14	1.83	545.50	32.4	0.67
V999376	WH18-83	9.14	12.19	3.05	543.06	89.8	0.51
V999377	WH18-83	12.19	15.24	3.05	540.01	65.4	0.41
V999378	WH18-83	15.24	18.29	3.05	536.97	149.0	0.72

Sample_Number	DHID	From (m)	To (m)	Interval (m)	Centroid Elev (m)	Field Wt (kg) (damp)	Sluice Con dry Wt (kg) (damp)
V999379	WH18-73	6.10	9.14	3.05	531.67		0.64

References

Marsh, Erin E., Craig J.R. Hart, Richard J. Goldfarb, and Tammy L. Allen. 1999. "Geology and Geochemistry of the Clear Creek Gold Occurrences, Tombstone Gold Belt, Central Yukon Territory." *Yukon Exploration and Geology* 1998: 185–96.

Morison, S.R. 1985. "Placer Deposits of Clear Creek Drainage Basin 115P, Central Yukon." *Yukon Exploration and Geology* 1983: 88–93.

Appendix A.

Eagle Mapping Ltd Project 18-015

LiDAR Data Report

LiDAR Data Report

WOLF HEAD DISCOVERY & MINING – YUKON SITE

Data collected and prepared for:

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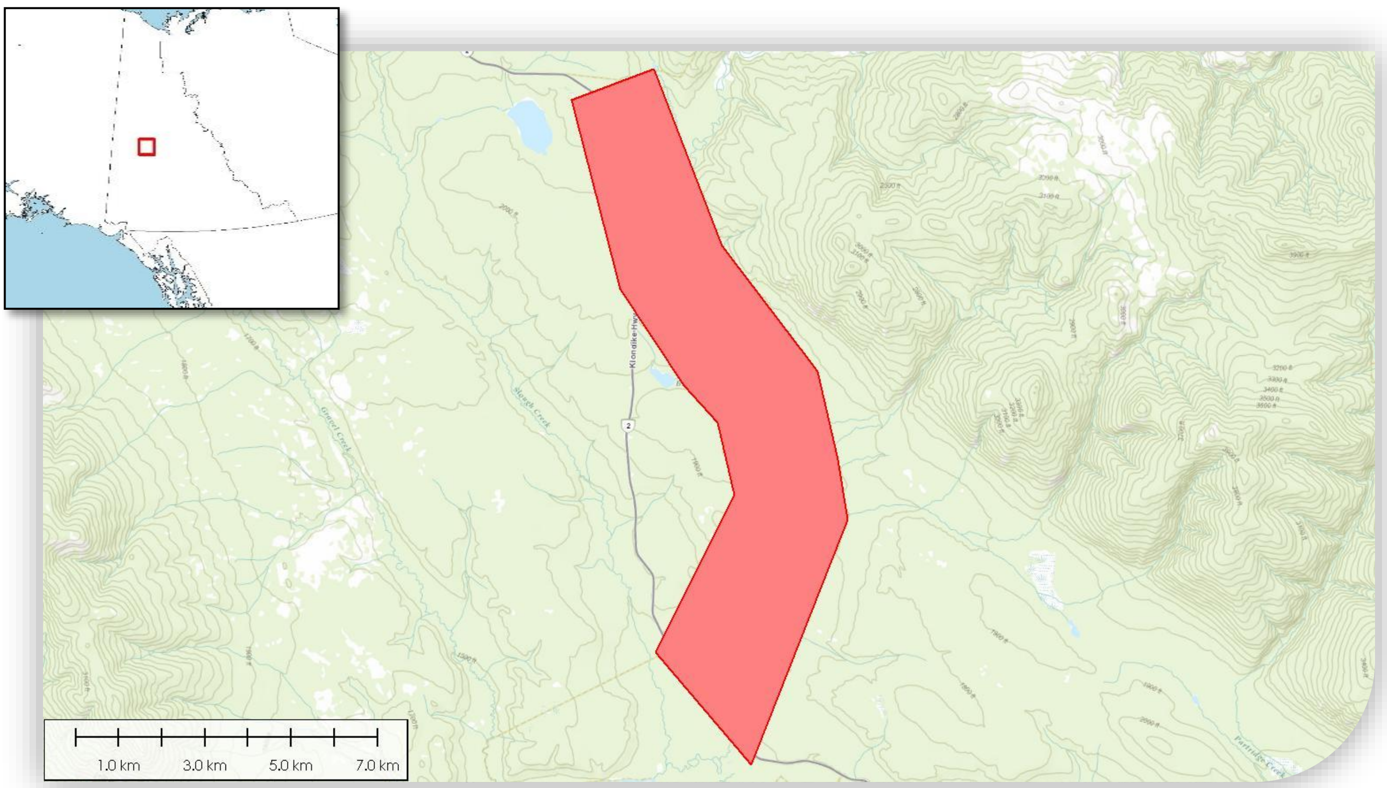
EML Project 18-015

Report Contents

1. Project Overview

1.1 Area of Interest

Eagle Mapping Ltd. collected aerial LiDAR for Wolf Head Discovery and Mining of their Yukon Site located 85 km west of Mayo, YT. The Area of Interest (AOI) for this project covers a total of 41 sq. km. A significant buffer was collected surrounding the project AOI in order to guarantee accuracy and density within the boundary.



1.2 Acquisition Conditions

Collection occurred on July 4, 2018 and was completed in a single mission from Whitehorse's Erik Nielsen International airport. Weather conditions were favorable with moderate winds and a scattered layer of clouds at 9000ft, well above the planned flight line altitudes.

1.3 File Formats, Units, and Projection

Project deliverables include the following:

Lidar Point Cloud – 4 ppm

- Calibrated and classified LiDAR data in LAS v1.2 file format
- Delivered as one file per project tile
- Point classification scheme shown below

'Bare Earth' Digital Elevation Model – 1m Grid

- ArcASCII grid format (.asc); delivered as one file per project tile
- LAS v1.2 file format; delivered as one file

'Highest Hit' Digital Surface Model – 1m Grid

- ArcASCII grid format (.asc); delivered as one file per project tile
- LAS v1.2 file format; delivered as one file

Project Files

- Project boundary
- Delivered in ESRI Shapefile format (.shp)

LiDAR Data Report

- Overview of project specifications, methodology and accuracies achieved
- PDF format

Map Projection Information	
Projection	UTM zone 8N
Horizontal Datum	NAD83 (CSRS)
Vertical Datum	CGVD2013
Geoid	CGG2013
Units	Meters
EPSG Code	3155

LiDAR Point Classification	
Class	Description
1	Unclassified
2	Ground

2. Acquisition & Calibration

2.1 Airborne LiDAR Collection

A Riegl Q1560 dual-channel LiDAR system was used for acquisition of the LiDAR data. This system was installed in a Piper PA31 Panther Navajo, owned by Peregrine Aerial Surveys. This Aircraft is based in Abbotsford, BC. In total, 7 lines were required to cover the AOI. Nominal flying height was 1450m above ground level (AGL) and flying speed was approximately 140kts. The scan field of view for the Riegl Q1560 is 29° either side of nadir, for a total scan field of view of 58°. The scan rate used for this project was 800 kHz. However, due to the nature of the 4-sided rotating mirror in Riegl scanners only 2/3 of pulses are recorded (533 kHz useable). This yields an average pulse density of 2 pulses per channel per swath (4 pulses per dual-channel flight line). The project was flown with a minimum of 25% side overlap. The per-line densities mentioned above can thus be an estimate of true pulse density on the surface. Note, each pulse may result in one or more returned points as the pulse filters through vegetation, etc. Water or highly absorbent material may result in very few or no LiDAR returns as these materials poorly reflect the laser pulse or may absorb it entirely.

LiDAR Acquisition Specifications	
Flight Altitude	1450m AGL
Flying Speed	140kts nominal
Scan Rate	800khz (533khz usable)
Scan Field of View	58°
Line Spacing	1130m
Minimum Overlap	30%

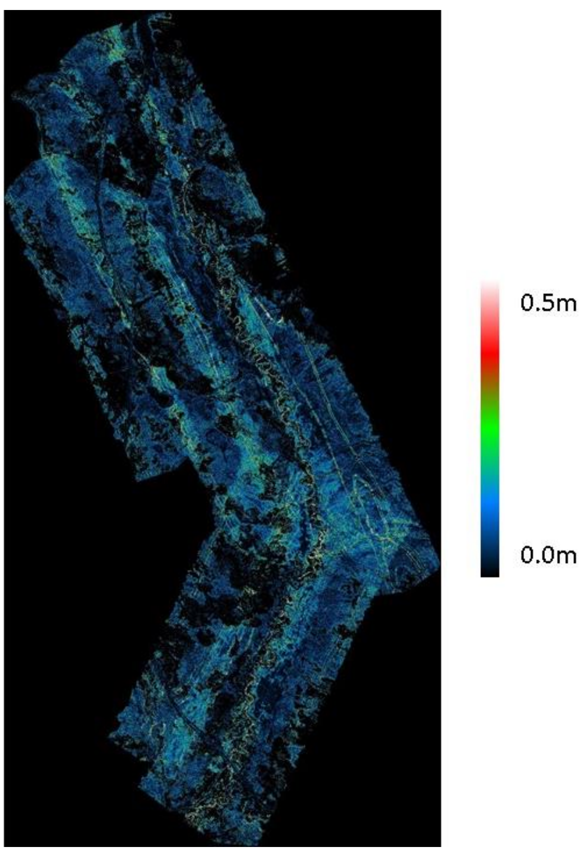
2.2 Aircraft GNSS Trajectory Processing

GNSS post-processing determines the position and attitude of the aircraft at 200Hz along the entire flight path. This data is logged on the Q1560 via an Applanix POS AV510. Trimble RTX correction services was used for post-processing. This service provides real-time corrections for GNSS solutions and is extremely helpful for remote locations where base station coverage is limited.

Processing is done with Applanix PosPAC v8.2 software. Here the aircraft GNSS / IMU data is combined to provide adjusted positions for the aircraft in latitude, longitude, and height, roll, pitch, and yaw / heading. The final trajectory is then smoothed, and exported in .pos format for use in RiProcess for LiDAR processing. The resulting flight path is commonly referred to as a Smoothed Best Estimate of Trajectory (SBET).

Trajectory Processing Results	
Min. # of Satellites	12
Max. # of Satellites	17
Minimum PDOP	1.2
Maximum PDOP	2.0
RMSE	3.5 cm

2.3 LiDAR Calibration



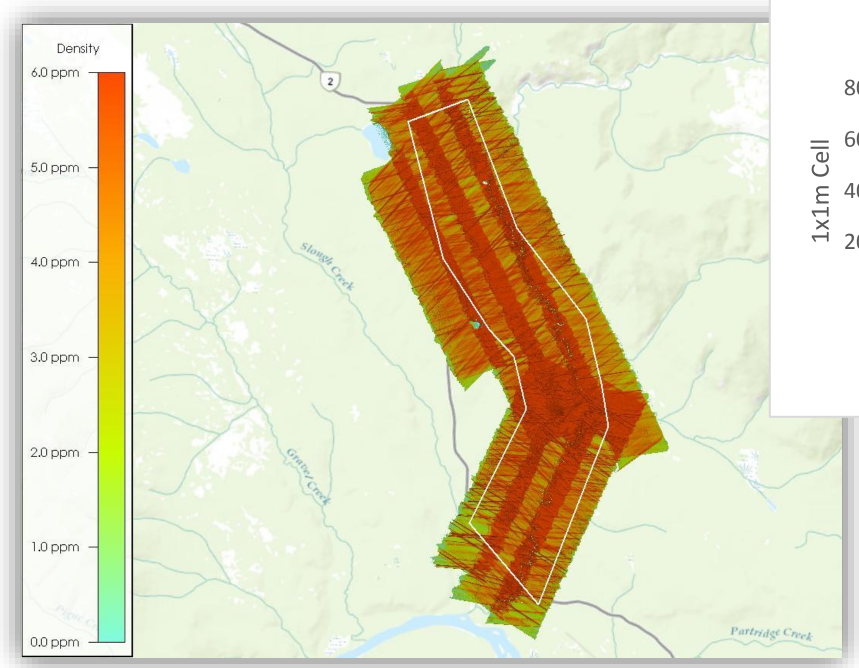
LiDAR data was calibrated using BayesStripAlign 2.0 software. This software registers overlapping LiDAR swaths and corrects both relative and absolute geometric errors. It uses a rigorous time–dependent approach to reduce discrepancies between strips due to IMU attitude and positional errors. Once aligned, manual cross section checks are performed to verify the automatic results. When deemed properly calibrated, the LAS data is exported along with individual 'trajectories' for each scan line. All data is projected into UTM and adjusted to the proper geoid (CGG2013) at this time.

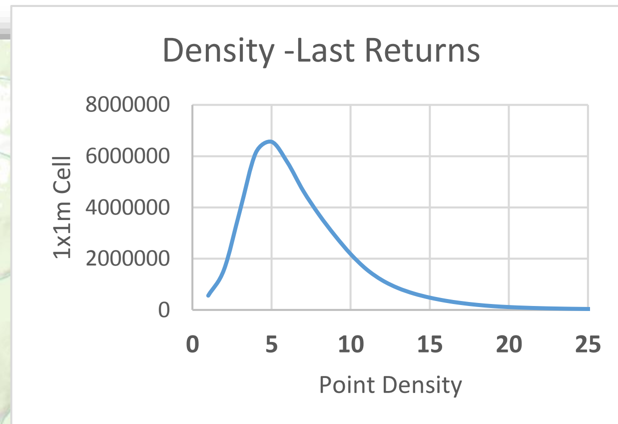
Left: Image shows vertical discrepancies after calibration

3. Results and Conclusions

3.1 Point Density

The delivered LiDAR data is positioned with an average density of 6+ points / sq. meter for all returns, and 4+ points / sq. meter counting only first-returns. Density is much greater for all returns vs first-returns due to the full waveform analysis performed by the Q1560 laser. By analyzing the full LiDAR waveform, the Q1560 is able to extract many additional points in vegetation, or other terrain where the laser pulse is 'filtered' through many objects in close proximity to each other.





3.2 Accuracy

Due to the statistically sound SBET trajectory and robust calibration processing it is Eagle Mapping's conclusion that the delivered LiDAR data is accurate to ± 30cm Horizontally and ± 15cm vertically.

Appendix B.

Auger drill holes WH18-66 to WH18-83

Sluice concentrate geochemical analyses

Sample Number	Au_ppm	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm
V999298	0.438	0.11	2.6	11.7	440	0.9	0.14	0.53	0.23	41	6.8	316	1.72	14.2	2	6.27	0.06
V999299	0.406	0.07	2.69	8.9	290	0.86	0.14	0.3	0.06	56.3	6.7	232	1.42	31.8	2.59	6.74	0.06
V999300	0.001	0.11	2.81	7.5	300	0.68	0.12	0.28	0.08	37.7	7.5	139	1.45	13.2	2.11	6.9	-0.05
V999301	1.195	0.09	2.73	11.7	280	0.79	0.23	0.33	0.11	37.4	7.3	156	1.64	14.3	2.38	6.61	0.05
V999302	0.001	0.1	2.72	15.5	290	0.83	0.2	0.39	0.09	34.2	8.1	118	1.78	12.8	2.19	6.84	0.06
V999303	-0.001	0.03	2.41	3.7	40	0.38	-0.01	0.02	-0.02	35.7	0.5	18	0.13	1.3	0.88	5.15	-0.05
V999304	0.349	0.18	2.56	12.3	300	0.71	0.17	0.34	0.15	31.7	9	159	1.78	156.5	2.29	6.21	0.05
V999305	-0.001	0.05	2.41	8	270	0.63	0.13	0.24	0.08	29.4	4.9	89	1.04	14.5	2	5.54	-0.05
V999306	0.234	0.07	2.51	8.1	250	0.6	0.12	0.25	0.1	53.6	9.1	90	1.16	14.8	2.33	5.97	0.06
V999307	-0.001	0.07	2.62	7.4	280	0.6	0.15	0.26	0.02	44.2	15.4	144	1.22	16.2	2.39	6.08	0.05
V999308	1.970	0.08	2.72	9.5	270	0.62	0.25	0.3	0.09	42.4	8.6	124	1.33	14.6	2.49	6.44	0.06
V999309	0.107	0.08	2.57	13.9	270	0.6	0.18	0.27	0.08	36.7	12.1	272	1.39	15.2	2.61	6.29	0.06
V999310	3.270	0.11	2.72	21	290	0.73	0.24	0.31	0.16	41.2	27.5	362	1.52	20.9	3.43	6.45	0.05
V999311	0.003	0.07	2.61	7.7	320	0.74	0.17	0.18	0.11	46	4.9	53	1.42	10.9	2.04	6.2	0.07
V999312	0.404	0.06	2.7	9.9	270	0.69	0.25	0.26	0.12	57	8.1	74	1.44	17.4	2.81	6.58	0.08
V999313	0.124	0.08	2.92	14.2	290	0.92	0.21	0.37	0.14	66.9	10.6	172	1.57	43.4	3.53	7	0.07
V999314	0.446	0.08	2.96	15.9	290	0.8	0.24	0.55	0.1	43.1	10	194	1.74	19	3	7.15	0.05
V999315	0.456	0.08	2.91	13.5	290	0.86	0.19	0.52	0.08	35.3	7	91	1.94	15.4	2.57	7.03	-0.05
V999316	0.255	0.13	2.83	17.7	280	0.89	0.22	0.51	0.14	36.7	8.7	83	1.8	18.1	2.64	7.07	0.06
V999317	0.030	0.08	2.74	5.9	350	0.83	0.16	0.19	0.09	70.2	5	410	1.47	15.1	2.58	6.71	0.07
V999318	-0.001	0.02	2.34	3.1	30	0.21	-0.01	0.02	-0.02	34.6	0.5	25	0.13	1.6	0.9	4.93	-0.05
V999319	0.161	0.05	2.66	6.6	290	0.61	0.17	0.28	0.11	51.7	5.7	366	1.08	17.2	2.7	5.67	0.07
V999320	0.092	0.05	2.86	7.4	300	0.7	0.19	0.29	0.1	57.2	6	281	1.4	21.6	2.7	6.65	0.08
V999321	0.005	0.07	2.81	7.5	300	0.71	0.15	0.25	0.07	43.3	6.4	217	1.38	15	2.72	6.58	0.06
V999322	0.116	0.08	2.72	11.8	300	0.75	0.25	0.31	0.13	43.7	13.9	228	1.66	15.5	2.57	6.52	0.05
V999323	0.042	0.06	2.6	6.9	340	0.7	0.11	0.23	0.14	31.9	4.9	39	1.41	10.9	1.7	6.23	0.05
V999324	0.189	0.09	2.58	9.7	290	0.79	0.25	0.26	0.16	32.8	4.2	47	1.71	10.7	1.73	5.78	-0.05
V999325	1.305	0.1	2.48	12.6	280	0.68	0.24	0.28	0.14	28.2	6.9	124	1.74	13.1	2.03	5.83	0.05
V999326	0.043	0.09	2.52	10.5	300	0.76	0.18	0.22	0.1	30.3	4.5	67	1.67	10	1.65	5.64	-0.05
V999327	0.001	0.11	2.71	16.3	290	0.79	0.22	0.33	0.13	29.5	5.3	56	1.92	11.5	2.04	6.19	0.05
V999328	0.283	0.04	2.55	10	260	0.61	0.18	0.24	0.1	44.1	14.9	90	1.1	21.5	2.68	6.08	0.05

Sample Number	Au_ppm	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm
V999329	0.028	0.09	3	23.9	330	0.95	0.2	0.27	0.11	47.1	154.5	111	1.62	131.5	2.9	7.36	0.07
V999330	0.001	0.07	2.72	14.2	270	0.65	0.16	0.4	0.1	36.3	15	171	1.47	18.8	2.53	6.64	0.05
V999331	-0.001	0.02	2.33	3.4	40	0.25	0.02	0.02	-0.02	34.6	1.4	26	0.12	4.5	0.87	4.67	-0.05
V999332	0.002	0.1	2.71	15.1	290	0.61	0.17	0.49	0.13	33.9	13.2	77	1.55	24.2	2.33	6.58	-0.05
V999333	0.002	0.1	3.04	29.5	300	0.74	0.27	0.54	0.15	44.5	105	144	1.64	59.2	3.15	7.28	0.07
V999334	0.036	0.13	2.57	12.3	300	0.66	0.15	0.36	0.15	39.9	44	111	1.43	25.8	2.24	6.19	0.05
V999335	-0.001	0.15	3.37	8.8	420	1.21	0.15	0.26	0.18	47.8	5.4	78	3.09	11.5	1.74	8.01	0.07
V999336	0.005	0.05	3.4	10.2	270	0.87	0.2	0.12	0.1	74.2	9	94	1.59	22.4	2.93	8.52	0.11
V999337	0.003	0.41	3.27	15.7	290	0.94	0.21	0.23	0.14	60.1	9.2	74	1.73	74.5	2.81	7.97	0.09
V999338	0.002	0.06	3.13	12.2	310	0.89	0.17	0.17	0.13	57.1	6.5	37	2.21	13.1	2.39	7.47	0.08
V999339	0.425	0.07	2.51	27.3	300	0.9	0.26	0.37	0.16	34.7	22.9	154	1.65	25.1	3.09	5.69	0.05
V999340	5.070	0.1	2.73	26.4	320	0.72	0.29	0.42	0.14	33.2	98.7	291	1.92	61.6	3.01	6.33	0.06
V999341	2.120	0.18	2.77	30.6	300	0.88	0.31	0.43	0.15	31.4	34.9	447	2.09	150	3.53	6.54	0.05
V999342	0.417	0.12	2.65	16.4	300	0.81	0.3	0.33	0.14	30.7	37.8	224	2.04	175.5	2.37	6.24	-0.05
V999343	0.710	0.12	2.74	23.3	310	0.84	0.36	0.33	0.2	31.6	30.2	219	2.04	105.5	2.92	6.43	0.05
V999344	3.910	0.11	2.67	24.2	310	0.71	0.61	0.28	0.15	32	22.4	486	1.8	43	3.3	5.94	-0.05
V999345	0.003	0.12	2.5	18	340	0.69	0.24	0.42	0.1	27.1	16.5	127	1.68	52.9	1.97	5.64	-0.05
V999346	0.116	0.09	2.84	20.3	460	0.8	0.31	0.47	0.1	26.1	28.5	95	1.92	17.7	1.84	6.48	-0.05
V999347	0.003	0.07	3.07	15	560	1.1	0.2	0.22	0.09	42.4	8.6	79	2.38	11.6	1.72	7.08	0.05
V999348	0.152	0.06	2.52	9.7	370	0.62	0.24	0.27	0.1	30	4.5	70	1.49	17.2	1.69	5.58	-0.05
V999349	0.100	0.09	2.4	12.5	290	0.52	0.29	0.31	0.12	27	10.1	48	1.59	15.3	1.75	5.23	-0.05
V999350	0.426	0.13	2.47	19.5	310	0.72	0.21	0.41	0.13	29.3	20.4	93	1.65	21.2	2.18	5.74	-0.05
V999351	0.005	0.08	2.78	11.1	440	0.83	0.17	0.5	0.1	47.1	22.9	97	1.7	15.1	2.4	6.61	-0.05
V999352	0.103	0.08	2.1	7.1	370	0.52	0.13	0.3	0.28	24.2	20	48	1.14	8.7	1.65	4.91	-0.05
V999353	0.006	0.16	2.6	9.3	380	0.8	0.24	0.61	0.15	43.5	186	103	1.65	331	2	6.15	-0.05
V999354	0.002	0.03	2.61	8	270	0.65	0.13	0.3	0.08	36.4	6.8	105	1.37	13.3	2.13	6.29	0.06
V999355	0.117	0.07	2.57	11.9	290	0.77	0.19	0.33	0.09	38.7	7.9	509	1.68	19.3	2.92	6.24	0.09
V999356	0.074	0.06	2.77	16	290	0.74	0.24	0.42	0.15	44.3	7.9	256	1.66	16.5	2.72	6.29	0.06
V999357	0.049	0.06	2.77	14.7	290	0.86	0.27	0.28	0.14	63	7.4	80	1.96	15.1	2.36	7.5	0.09
V999358	0.208	0.05	2.39	9.1	250	0.66	0.14	0.22	0.05	36.9	7.7	67	1.44	12.8	1.93	6.14	0.08
V999359	0.028	0.08	2.69	15.6	290	0.74	0.31	0.29	0.22	48.8	14.1	360	1.69	108.5	4.46	6.25	0.06

Sample Number	Au_ppm	Ag_ppm	Al_pct	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_pct	Cd_ppm	Ce_ppm	Co_ppm	Cr_ppm	Cs_ppm	Cu_ppm	Fe_pct	Ga_ppm	Ge_ppm
V999360	0.004	0.07	3.04	10.4	290	0.78	0.21	0.39	0.13	39.8	13.3	260	1.63	55.9	2.65	7.41	-0.05
V999361	0.004	0.11	3.16	10.9	330	0.88	0.19	0.26	0.15	42.7	15	163	1.71	299	2.59	7.66	0.06
V999362	0.001	0.02	2.35	3.7	30	0.24	0.03	0.02	-0.02	32.6	0.6	26	0.12	2.3	0.88	4.5	0.06
V999363	0.019	0.09	3.18	11.5	330	0.9	0.55	0.26	0.16	41.9	8.9	94	1.91	20	2.48	8.25	0.06
V999364	0.002	0.08	3.16	11.5	330	1.06	0.21	0.25	0.17	44.9	9.8	79	2.05	18	2.48	8.36	0.07
V999365	0.989	0.07	2.95	9	320	0.81	0.16	0.27	0.13	32.3	6.5	108	1.59	14.9	2.29	6.41	-0.05
V999366	0.061	0.09	2.7	12.8	280	0.78	0.29	0.23	0.14	32.5	6.5	113	1.96	17.2	2.17	6.83	0.07
V999367	1.355	0.12	2.32	12.3	310	0.66	0.21	0.26	0.21	28.3	5.8	99	1.53	13.3	1.97	5.29	-0.05
V999368	0.188	0.09	2.2	12.5	320	0.53	0.17	0.25	0.23	27.6	35.9	98	1.24	13.3	2.02	4.87	-0.05
V999369	1.325	0.11	2.5	14.6	340	0.67	0.2	0.4	0.25	46.3	11.4	137	1.65	14.1	2.44	5.97	0.05
V999371	0.034	0.08	2.47	12.6	280	0.69	0.16	0.67	0.15	57.9	178	166	1.54	33.6	2.28	6.13	0.07
V999372	2.400	0.12	2.59	13.5	280	0.55	0.15	0.94	0.07	34.3	64	137	1.16	49.6	3.01	5.77	-0.05
V999373	0.007	0.14	2.26	7.9	270	0.39	0.12	0.66	0.07	23.5	118.5	137	0.9	23.9	2.03	4.52	-0.05
V999374	0.009	0.23	2.35	10.6	280	0.46	0.2	0.69	0.11	31.5	499	360	0.94	99.9	3.01	5.37	-0.05
V999375	0.382	0.08	2.24	11.3	300	0.6	0.21	0.41	0.1	43.4	12	74	1.49	36.8	1.87	5.37	0.05
V999376	0.747	0.17	2.23	7.9	360	0.57	0.23	0.36	0.13	28.5	50.1	60	1.31	23.7	1.59	5.12	-0.05
V999377	0.002	0.2	2.13	8.3	340	0.46	0.1	0.3	0.14	26.8	14.1	33	1.19	13.7	1.47	4.65	-0.05
V999378	0.002	0.25	2.16	7.1	300	0.62	0.12	0.29	0.24	32	7.5	39	1.29	14.1	1.41	5.14	0.05
V999379	0.002	0.04	3.39	10.5	290	0.86	0.19	0.15	0.12	51.5	6.4	38	1.91	13.7	2.68	7	-0.05

Sample Number	Hf_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S_pct	Sb_ppm
V999298	0.8	0.017	0.93	19.5	18.1	0.24	616	1.26	0.49	6.9	17.4	180	8.3	53.7	-0.002	0.01	0.97
V999299	1	0.02	0.7	26.9	21.3	0.31	326	1.52	0.49	6	19.3	240	16.4	40.1	-0.002	0.01	0.88
V999300	1	0.028	0.75	18.4	21.4	0.33	257	0.68	0.52	5.4	14.9	260	8.1	42.3	-0.002	0.01	0.7
V999301	0.9	0.019	0.73	18.2	20.7	0.33	327	1.17	0.51	5.6	16.8	230	10.3	42.5	-0.002	-0.01	1.2
V999302	0.8	0.024	0.71	17.3	20.5	0.35	397	0.71	0.51	5.8	17.2	200	15.5	41.4	-0.002	0.01	1.19
V999303	2.5	0.006	0.15	18.8	13.9	0.01	44	0.3	0.01	2.2	2	200	2.9	3.8	-0.002	0.01	1.15
V999304	0.7	0.031	0.66	15.5	20.1	0.33	441	1.15	0.48	6.3	35.8	210	9.2	37.7	0.002	0.01	0.88
V999305	0.9	0.016	0.57	14.1	16.7	0.27	386	1.13	0.5	4	13.8	140	8	29.2	-0.002	-0.01	0.8
V999306	1.1	0.022	0.58	25.4	18.3	0.29	418	1	0.52	5.5	15	200	10.3	30.1	-0.002	-0.01	0.9
V999307	0.9	0.012	0.64	21	19.1	0.31	330	0.87	0.52	5	16	200	9.5	33.3	0.002	-0.01	0.73
V999308	1	0.06	0.64	20.3	19.4	0.33	326	1.17	0.55	5.7	16.3	200	11.1	34.7	-0.002	-0.01	0.87
V999309	0.9	0.024	0.64	17.8	19	0.31	322	1.7	0.5	5.2	16.6	180	10.9	34	-0.002	-0.01	1.1
V999310	0.9	0.025	0.71	20	19.7	0.32	361	5.11	0.5	5.7	20.6	270	13	37.6	0.002	-0.01	1.89
V999311	1	0.02	0.74	22.4	18.5	0.27	314	0.58	0.57	7.7	14.1	190	10.5	42.8	-0.002	0.01	0.84
V999312	1	0.018	0.69	26.7	20	0.31	413	0.8	0.54	7.8	18.1	240	12.1	39	-0.002	-0.01	1.15
V999313	1.1	0.025	0.73	31.5	20.9	0.37	615	1.26	0.55	10.5	23.9	260	17.1	41.5	-0.002	0.01	1.85
V999314	0.9	0.023	0.72	21	20.3	0.42	407	1.04	0.57	7.6	21.7	250	18.6	41.2	-0.002	-0.01	1.41
V999315	0.9	0.025	0.74	17.6	21	0.4	386	0.6	0.54	6.1	17.3	240	11	41.1	-0.002	-0.01	1.52
V999316	0.8	0.03	0.69	18.2	20.9	0.4	398	0.74	0.49	6.4	17.6	240	11.3	38.2	-0.002	-0.01	1.87
V999317	1	0.018	0.81	33.7	19.4	0.27	285	1.17	0.49	8.5	17.9	220	8.4	45.1	-0.002	-0.01	0.75
V999318	2.6	-0.005	0.14	18.3	13.2	0.01	44	0.36	0.01	2.2	1.9	170	2.8	3.6	-0.002	0.01	1.1
V999319	0.9	0.017	0.66	24.7	16.8	0.29	349	1.44	0.54	5.6	16.6	210	8.1	32.3	-0.002	-0.01	0.72
V999320	1	0.023	0.73	27.2	19.4	0.32	364	1.1	0.55	7	18.2	230	9.2	39.8	0.002	-0.01	0.85
V999321	0.9	0.016	0.75	20.8	20.3	0.31	323	0.95	0.55	5.9	16.3	220	20.9	39.7	-0.002	-0.01	0.96
V999322	0.9	0.019	0.75	21.6	20.3	0.3	389	1.41	0.5	6.7	16.2	280	15.9	42.3	0.002	-0.01	1.1
V999323	0.7	0.013	0.84	15.3	19	0.27	365	0.52	0.44	3.8	11.2	210	9.9	46.2	-0.002	-0.01	0.75
V999324	0.7	0.02	0.78	15.8	18.9	0.27	349	0.46	0.49	5.2	10.7	190	11.5	42.8	0.002	-0.01	0.88
V999325	0.6	0.024	0.7	13.5	19.2	0.29	326	1.07	0.46	4.8	13.3	200	11.3	39.3	-0.002	-0.01	1.06
V999326	0.7	0.016	0.76	14.4	18.8	0.25	326	0.5	0.5	4.7	10.6	190	11.4	41.1	-0.002	-0.01	0.87
V999327	0.7	0.024	0.78	14.6	21.4	0.32	315	0.51	0.47	5.3	12.2	230	11.4	42.6	-0.002	0.01	1.51

Sample Number	Hf_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S_pct	Sb_ppm
V999328	1	0.024	0.59	20.7	18.8	0.31	357	0.84	0.5	4.2	18.7	230	10	31.6	-0.002	-0.01	1.12
V999329	0.9	0.025	0.77	22.7	22.8	0.32	365	2.27	0.51	5.3	32.2	260	12.1	41.2	0.011	0.01	1.38
V999330	0.9	0.019	0.64	18	20.6	0.34	342	2.69	0.5	5.1	16.6	260	9.7	34.6	0.003	-0.01	1.39
V999331	2.5	-0.005	0.14	18.3	13.2	0.01	44	0.3	0.01	2.1	2.3	230	2.8	3.4	-0.002	0.01	1.05
V999332	0.8	0.021	0.65	16.3	19.9	0.37	355	0.59	0.48	5.4	16	260	11.2	36.2	0.003	-0.01	1.44
V999333	1	0.019	0.71	21.4	21.5	0.41	471	2.64	0.53	7.9	23.4	320	13.3	37.9	0.007	-0.01	2.02
V999334	0.8	0.019	0.65	19.2	19.2	0.33	359	0.89	0.44	6.7	15.5	250	10.1	36	0.003	-0.01	1.46
V999335	0.9	0.021	1.37	23.4	25	0.27	301	0.49	0.57	9.9	11.3	220	11.1	86.8	-0.002	0.01	0.93
V999336	1.4	0.02	0.89	36.4	26.9	0.37	325	1.26	0.63	10.2	19.9	270	11.9	49.7	-0.002	-0.01	0.82
V999337	1.3	0.021	0.88	29.2	25.2	0.37	319	0.77	0.6	8.3	29.4	280	12.3	47.6	-0.002	-0.01	1.1
V999338	1.3	0.025	0.99	27.7	24.3	0.3	316	0.65	0.54	10	15.7	220	10.7	56.9	-0.002	0.06	1.06
V999339	0.7	0.024	0.69	16.6	18.5	0.27	491	2.98	0.43	5.1	19.2	180	12.7	37	-0.002	-0.01	2.38
V999340	0.8	0.039	0.76	15.9	19	0.32	478	2.3	0.47	6.6	23.3	210	11.8	42	0.008	-0.01	2.18
V999341	0.8	0.026	0.75	15.2	20.1	0.33	530	5.56	0.47	6.6	37.8	200	12.9	41	0.003	-0.01	2.38
V999342	0.8	0.029	0.77	14.8	20.4	0.29	386	4.13	0.48	6.3	36.9	210	10.2	44.2	0.004	0.01	1.58
V999343	0.9	0.027	0.78	15.3	20.3	0.3	461	3.65	0.46	6.9	29.3	250	12.2	43.7	0.002	0.01	2.11
V999344	0.7	0.028	0.79	15.5	18.1	0.27	482	2.58	0.48	6.7	21.3	180	11.6	40.9	0.003	-0.01	1.75
V999345	0.7	0.026	0.76	12.6	16.6	0.3	354	1.17	0.48	7.9	16.8	240	10.4	41.1	0.003	0.01	1.03
V999346	0.6	0.027	1.24	11.4	16	0.31	317	0.97	0.4	8	13.4	230	15.2	61.2	0.002	0.01	0.81
V999347	0.6	0.022	1.63	11.5	16.9	0.2	325	0.53	0.29	10.3	11.1	190	15	78.7	0.002	0.01	0.53
V999348	0.7	0.016	0.87	14.4	16.4	0.26	325	0.53	0.51	6.2	11.8	270	10.2	45.1	-0.002	0.01	0.96
V999349	0.6	0.023	0.72	12.9	17	0.28	332	0.49	0.48	5.9	11.7	180	10.9	38.8	-0.002	0.01	1.01
V999350	0.7	0.029	0.75	13.4	17.6	0.3	374	1.56	0.47	8.5	14.9	200	11.1	40.9	0.002	0.02	1.37
V999351	0.7	0.021	1	13.7	19.9	0.36	433	0.99	0.45	11.5	18.5	210	11	51.4	0.002	0.01	1.09
V999352	0.6	0.037	0.61	11.3	17.7	0.24	410	0.69	0.38	4.3	10.1	180	8.3	33.3	0.002	-0.01	0.76
V999353	0.6	0.028	0.81	13.6	18.1	0.36	592	0.84	0.44	8.3	54.1	180	9.9	42.3	0.011	0.01	0.84
V999354	1	0.023	0.64	17.3	19.2	0.33	307	0.64	0.51	6.2	15.3	210	9.2	36.9	-0.002	-0.01	0.88
V999355	0.8	0.025	0.73	17.9	21.5	0.3	349	1.32	0.51	7.5	19.9	280	10.9	41.7	-0.002	-0.01	1.01
V999356	0.9	0.025	0.76	21.7	22.2	0.34	426	0.91	0.52	9.6	17.1	280	11	39.8	-0.002	-0.01	1.22
V999357	1.1	0.023	0.8	29.3	25.4	0.32	436	0.66	0.5	14.7	16.6	220	12.9	47.8	-0.002	-0.01	1.12
V999358	0.9	0.013	0.67	17.4	21.1	0.29	266	0.6	0.5	6.4	14.1	190	31	38.9	-0.002	-0.01	0.86

Sample Number	Hf_ppm	In_ppm	K_pct	La_ppm	Li_ppm	Mg_pct	Mn_ppm	Mo_ppm	Na_pct	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm	Rb_ppm	Re_ppm	S_pct	Sb_ppm
V999359	0.8	0.021	0.8	22.7	20.8	0.31	556	1.85	0.46	9.8	30.2	240	11.8	40.2	-0.002	-0.01	1.55
V999360	1	0.024	0.85	19.4	23.1	0.38	392	0.86	0.53	5.9	21.2	250	11.3	45.5	0.002	-0.01	0.82
V999361	0.9	0.022	0.92	20.7	25.1	0.37	525	0.7	0.53	6.5	54	240	10.9	48.7	-0.002	-0.01	0.94
V999362	2.2	0.005	0.14	17.8	14.2	0.01	40	0.32	0.01	2	2	190	2.3	3.3	-0.002	0.01	0.91
V999363	1	0.021	0.96	21.3	27.3	0.37	461	1.15	0.52	6.8	17.9	290	11.7	53.2	-0.002	-0.01	1.01
V999364	0.9	0.023	0.96	21.9	28.4	0.36	499	0.81	0.52	7.5	18.1	250	11.9	57.4	-0.002	-0.01	1.03
V999365	0.9	0.017	0.92	15.6	21.6	0.33	388	0.56	0.5	5.5	13.8	240	9.1	45.1	-0.002	-0.01	0.79
V999366	0.8	0.033	0.83	16.6	24.6	0.31	360	0.66	0.46	6.3	14.9	190	11.8	47.6	-0.002	-0.01	1.06
V999367	0.7	0.015	0.73	13	19.7	0.26	612	1.24	0.44	5.8	13.5	220	10.3	39.5	-0.002	-0.01	1.18
V999368	0.6	0.016	0.63	12.6	18.9	0.26	757	0.96	0.4	6	13.6	170	10.5	33.5	-0.002	-0.01	0.93
V999369	0.8	0.023	0.71	22.7	20.5	0.33	761	0.91	0.42	12.4	16.6	250	10.9	41	-0.002	-0.01	1.24
V999371	0.9	0.02	0.7	27.2	17.3	0.38	532	1.68	0.54	18.2	19.3	300	9.2	42.2	0.005	-0.01	1.07
V999372	0.7	0.026	0.58	16	15.8	0.51	596	4.02	0.53	8.8	22.3	250	9.7	29.4	0.003	0.01	1.11
V999373	0.6	0.015	0.51	10.7	14.7	0.39	335	2.45	0.49	6.1	14	230	7.1	23.8	0.005	0.01	0.73
V999374	0.6	0.02	0.49	14.6	16.6	0.42	424	9.54	0.51	2.1	26.7	280	11.1	25	0.009	0.03	1.17
V999375	0.9	0.023	0.7	20.6	17	0.26	365	1.79	0.47	11.2	13.9	230	9.4	42.6	-0.002	0.01	0.86
V999376	0.7	0.016	0.7	13.2	16.7	0.28	247	1.19	0.45	6	10.7	200	7.7	37.4	0.002	0.01	0.69
V999377	0.6	0.019	0.65	12.9	16.2	0.26	224	0.55	0.44	5.2	8.1	200	6.4	33.5	-0.002	0.01	1.48
V999378	0.7	0.02	0.62	15.5	18.4	0.26	230	0.52	0.44	6.2	8	230	7.3	34.7	-0.002	0.01	0.83
V999379	1.3	0.029	1.06	25.1	25	0.35	305	0.9	0.63	9	15.2	230	9.5	52.2	-0.002	-0.01	0.79

Sample Number	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
V999298	3	-1	1.4	52.6	0.7	-0.05	5.1	0.23	0.33	1.1	27	3.1	6.3	38	31.7
V999299	3.8	1	8.8	44.6	0.6	-0.05	7.2	0.189	0.21	1.4	30	8.4	6.6	44	34.1
V999300	3.7	1	3.1	48	0.52	-0.05	5.6	0.172	0.22	1.2	31	24.7	6	41	34.3
V999301	3.8	-1	1.9	51.2	0.54	-0.05	5.6	0.174	0.25	1.5	32	23.8	5.9	41	29.7
V999302	4.1	1	10	53.7	0.53	-0.05	5.6	0.175	0.24	1.4	33	24.6	5.8	41	27.7
V999303	2.1	1	0.8	181.5	0.19	-0.05	6.3	0.063	-0.02	0.9	5	0.4	7.1	4	86.5
V999304	3.8	1	2.3	50.5	0.65	-0.05	5.4	0.184	0.24	1.3	29	27.7	5.7	48	25.8
V999305	3	1	1.9	42.7	0.34	-0.05	5	0.13	0.16	1	27	6.4	5.7	37	30.1
V999306	3.6	-1	3.7	42.2	0.54	-0.05	6.1	0.182	0.16	1.3	29	43.9	6.4	40	34.4
V999307	3.6	1	4.4	44	0.45	-0.05	5.6	0.176	0.18	1.3	32	94	6	41	31.9
V999308	3.8	1	5.6	48.7	0.55	-0.05	6	0.185	0.19	1.3	32	35.3	6.2	43	33.6
V999309	3.4	-1	5.9	46.2	0.45	-0.05	5.5	0.168	0.2	1.3	30	65.5	5.9	41	30.7
V999310	3.7	1	2.7	49.6	0.58	-0.05	5.6	0.181	0.23	1.5	31	207	6.3	46	29
V999311	3.1	1	2.2	47.3	0.88	-0.05	6.5	0.193	0.26	1.3	26	2.1	5.9	39	33.8
V999312	4	-1	2	46.8	0.91	-0.05	6.8	0.208	0.22	1.6	31	10.9	7.8	45	34.3
V999313	4.5	-1	6.6	53.5	1.32	-0.05	7.7	0.261	0.22	1.8	37	25.9	8.1	53	36.2
V999314	4.7	1	9.4	60.4	0.85	-0.05	6.5	0.204	0.23	1.8	39	17.6	7.3	44	31.9
V999315	4.4	1	3.9	60.3	0.59	-0.05	5.8	0.199	0.25	1.4	37	10.5	6.4	44	28.2
V999316	4.7	1	2.1	57.8	0.6	-0.05	5.7	0.222	0.23	1.5	39	25.8	6.8	47	27.5
V999317	3.6	-1	1.6	44.7	0.95	-0.05	6.8	0.236	0.25	1.2	30	3.3	7.4	43	35.2
V999318	2	1	0.8	164	0.19	-0.05	6.4	0.063	-0.02	0.9	5	0.6	9	4	87.2
V999319	3.2	1	1.5	39.2	0.54	-0.05	6.5	0.199	0.19	1.3	29	7.4	5.8	43	30.9
V999320	4	-1	1.9	43.7	0.67	-0.05	6.1	0.22	0.28	1.2	33	5.4	6.8	46	34.8
V999321	3.8	-1	17.8	46.3	0.57	-0.05	5.8	0.183	0.27	1.2	31	7	6.3	43	33.2
V999322	3.9	-1	7	51.2	0.64	-0.05	5.8	0.227	0.3	1.4	29	86.8	6.3	49	29.1
V999323	3.4	-1	2	45.5	0.3	-0.05	4.3	0.113	0.29	0.8	28	0.9	5.2	39	25.8
V999324	3	-1	2.2	46.8	0.46	-0.05	5	0.171	0.31	1	25	3.1	5.3	37	30.9
V999325	3.4	-1	2.3	48.3	0.4	-0.05	4.7	0.155	0.27	1.1	26	21.1	4.8	36	22.2
V999326	2.9	-1	2.3	49	0.4	-0.05	4.7	0.155	0.29	1	24	2.3	4.7	34	23
V999327	3.6	-1	2.3	50.3	0.46	-0.05	4.9	0.177	0.33	1.2	27	7.8	5.2	39	24.3

Sample Number	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
V999328	3.9	-1	1.2	41.1	0.36	-0.05	5.4	0.148	0.22	1.2	31	101	5.9	46	33.8
V999329	4.2	-1	1.7	66.9	0.44	-0.05	6.1	0.16	0.35	1.4	30	1240	6.1	48	30.9
V999330	4.3	-1	1.8	57.8	0.43	-0.05	5.2	0.18	0.23	1.3	33	108	6	42	29.8
V999331	2	-1	0.8	183.5	0.17	-0.05	5.6	0.064	0.02	0.8	5	9.3	7.4	4	83.2
V999332	4.6	-1	2.7	56.8	0.44	-0.05	4.9	0.205	0.27	1.3	37	81.2	6.2	45	24.8
V999333	5	-1	2.4	62.3	0.49	-0.05	5.9	0.234	0.32	1.7	40	900	7.4	52	32.3
V999334	4.5	-1	2.2	49.4	0.5	-0.05	5.1	0.236	0.31	2.3	35	380	6.7	52	26.3
V999335	4.2	-1	2	58.4	1.07	-0.05	6.4	0.228	0.64	2.2	31	17.6	6.7	45	33.1
V999336	4.6	-1	1.8	49.5	1.16	-0.05	8.3	0.204	0.3	1.6	33	15.6	7	58	50.3
V999337	4.5	-1	1.8	52.6	0.84	-0.05	7.4	0.2	0.33	1.7	34	25.2	6.9	104	44.8
V999338	3.9	-1	1.7	49.1	1.06	-0.05	7.2	0.226	0.41	1.9	30	5.4	6.5	52	40
V999339	3.5	-1	2.2	46	0.49	-0.05	4.8	0.166	0.27	1.3	29	156.5	5.7	43	24.6
V999340	4.1	-1	2.7	53.1	0.54	-0.05	4.9	0.224	0.35	1.4	34	870	5.8	43	26.2
V999341	4.2	-1	2.7	56.2	0.59	-0.05	5.1	0.224	0.32	1.4	35	253	5.9	44	26.7
V999342	3.6	-1	2.5	54.2	0.58	-0.05	5	0.208	0.34	1.3	29	295	5.6	40	26
V999343	3.8	-1	2.6	54.9	0.7	-0.05	5.5	0.235	0.32	1.8	30	237	5.8	44	26.2
V999344	3.3	-1	3.3	50.3	0.64	-0.05	5.2	0.233	0.3	1.6	28	185.5	5.2	41	24.1
V999345	3.5	-1	2.7	61.7	0.78	-0.05	4.8	0.227	0.3	1	26	142.5	5.5	34	22.8
V999346	4	-1	2.6	67.2	0.78	-0.05	4.4	0.234	0.44	1.1	30	241	5	33	20
V999347	3.7	-1	2.2	60.8	1.1	-0.05	5.6	0.261	0.48	1.4	27	37.4	4.8	30	18.9
V999348	3.1	-1	1.8	55.7	0.62	-0.05	4.6	0.175	0.32	1	26	7.5	5.6	32	23.9
V999349	3	-1	2.1	53	0.53	-0.05	4.4	0.179	0.27	1.1	23	65.5	4.9	34	21.2
V999350	3.6	-1	2.4	57.4	0.91	-0.05	4.5	0.244	0.31	1.3	28	154	5.2	35	21.5
V999351	4.7	-1	1.7	57.7	1.22	-0.05	5.1	0.294	0.33	1.3	38	155.5	6	42	23.6
V999352	2.9	-1	2	40.3	0.36	-0.05	3.5	0.141	0.25	0.8	27	185.5	4.8	31	21.4
V999353	4.2	-1	4.3	64.4	0.62	-0.05	4.6	0.257	0.42	1.1	34	1540	5.4	37	19.5
V999354	3.9	-1	2.3	45.2	0.59	-0.05	5.3	0.194	0.25	1.1	30	8.5	5.8	43	31.9
V999355	3.7	-1	2.1	48	0.91	-0.05	5.6	0.226	0.28	1.2	29	8.5	5.7	46	27.5
V999356	3.9	-1	2	48.3	1.04	0.05	5.7	0.32	0.28	1.3	31	14.2	6.9	52	29.3
V999357	4.5	-1	2.5	51.7	1.67	-0.05	7.7	0.332	0.32	1.5	31	3.9	7.8	47	36.7
V999358	3.6	-1	23.2	43.9	0.66	-0.05	5.3	0.182	0.25	1.1	25	14.6	5.8	42	29.7

Sample Number	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_pct	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm
V999359	3.9	-1	2.5	43.4	1.14	-0.05	6	0.293	0.28	1.4	31	65	6.2	50	28.8
V999360	4.6	-1	1.6	49.1	0.6	-0.05	6	0.212	0.3	1.3	34	73	6.5	50	34.6
V999361	5	-1	1.7	50.5	0.64	-0.05	5.9	0.215	0.31	1.3	35	50.8	6.6	53	32.8
V999362	1.9	-1	0.7	163.5	0.17	-0.05	5.2	0.062	-0.02	0.7	5	1.6	5.7	7	76.1
V999363	5.1	-1	1.7	56.5	0.69	-0.05	6.2	0.205	0.34	1.5	34	20.5	7	55	36.1
V999364	5.1	-1	1.7	57.8	0.73	-0.05	6.4	0.21	0.35	1.6	33	28.1	7.2	54	35.4
V999365	3.6	-1	1.4	45	0.57	-0.05	5	0.199	0.31	1.2	29	11.8	5.3	49	30.4
V999366	4.1	-1	2.2	48.6	0.64	-0.05	5.5	0.206	0.35	1.4	27	12.7	5.7	45	30.9
V999367	3.1	-1	2	41.3	0.65	-0.05	4.4	0.155	0.32	1.2	26	11.2	4.8	45	25.7
V999368	3.2	-1	1.4	35.7	0.6	-0.05	4.2	0.191	0.28	1.1	28	343	5.9	54	20.3
V999369	4.7	-1	1.6	45.7	1.51	-0.05	6.3	0.309	0.35	1.5	35	52.8	7.6	61	26.4
V999371	4.9	-1	1.8	61.8	1.57	-0.05	7.8	0.365	0.34	1.9	35	1030	8	43	28.9
V999372	5.7	-1	3.1	59.2	0.89	-0.05	4.2	0.27	0.26	1.1	48	590	6.2	45	22.1
V999373	4	-1	1.8	44.6	0.46	-0.05	3.5	0.201	0.23	0.8	38	1140	4.9	40	23
V999374	5.2	-1	1.7	51.7	-0.05	-0.05	3.9	0.222	0.27	0.9	41	1820	6.4	49	19.9
V999375	4	-1	2.1	48.6	1.37	-0.05	5.3	0.285	0.29	1.1	27	82	6.9	43	33.8
V999376	3.7	-1	1.8	46	0.62	-0.05	4.2	0.186	0.35	0.9	28	431	5.3	37	22.5
V999377	3.3	-1	1.3	39.5	0.54	-0.05	3.8	0.178	0.28	0.9	26	111.5	5	38	19.8
V999378	3.7	-1	1.6	44.2	0.64	-0.05	4.2	0.197	0.28	1	27	42.7	6.2	35	25.5
V999379	3.7	-1	1.5	44.4	1.04	-0.05	7	0.222	0.38	1.6	30	5.9	5.7	56	39.3