Geophysical Drone Magnetic and Soil Geochemistry Survey Logistics Report Livingstone Creek

Report prepared for:

Golden Ram Inc.

33119 Ogilvie Street, Whitehorse YT Y1A 5Y5

NTS Map sheet: 105E08

Project Location (WGS84): 61.328621,-134.308361

Work Performed: May 18th, 2022

September 15th – 25th, 2022

YMEP Grant Number : 22-06241

Name And Grant Numbers of Claims:

YE95564(REG 1), YE95565(REG 2), YE95566(REG 3), YE95567(REG 4), YE95570(REG 7), YE95583(REG 20), YE98780(CAM 9), YE98781(CAM 10), YE98806(CAM 35), YE98807(CAM 36), YE98808(CAM 37), YE98809(CAM 38), YE98810(CAM 39), YE98811(CAM 40), YE98812(CAM 41), YE98818(CAM 47), YE98819(CAM 48), YE98820(CAM 49), YE98821(CAM 50), YE98822(CAM 51), YE98823(CAM 52), YE98831(CAM 60), YE98862(REG 21),

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Report DATE: April 25th, 2023

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Introduction

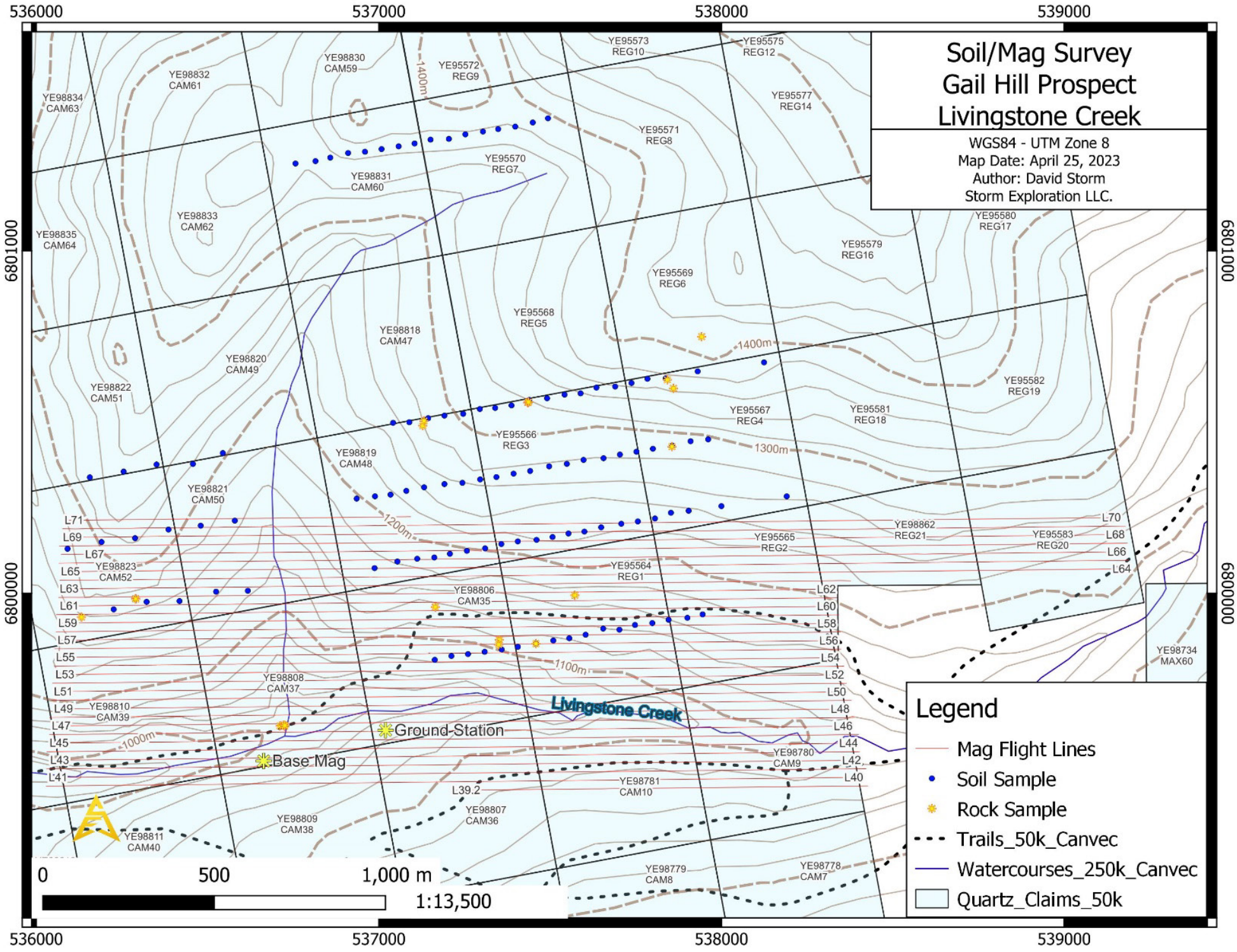
On May 18th, 2022, Storm Exploration LLC conducted an airborne Magnetic survey using a drone over the north slope of Livingstone Creek we are calling the Gail Hill Prospect. The magnetic survey was performed to better define structural features in an anomalous magnetic unit shown in the airborne survey (Boulanger 2016). Following this geophysical survey, a soil sampling and outcrop/subcrop sampling program was conducted from September 16-25th, 2022. This survey was completed on the Gail Hill Prospect to determine anomalous gold and pathfinder trends in the Livingstone project. Previous soil samples were tightly spaced grids whereas this program is more focused on a longer soil line to help correlate the Magnetics. This report covers data acquisition, instrument descriptions, and data presentation.

Location and Access

The survey area is located 78 km northeast of Whitehorse, YT, 4 km from the historical town of Livingstone. The location of the campsite is displayed on the maps below, on a bench created by historic workings, where the magnetic base station is located. The campsite was initially accessed via Helicopter from Whitehorse. Soil sites were accessed by foot to and from the campsite, then all samples were trucked down to the airstrip at the end of the survey. A 4x4 truck was used on designated trails to and from the camp site.

Claim List

GRANT	LABEL	OWNER	GRANT	LABEL	OWNER
YE95564	REG 1	Max Fuerstner - 100%	YE98808	CAM 37	Max Fuerstner - 100%
YE95565	REG 2	Max Fuerstner - 100%	YE98809	CAM 38	Max Fuerstner - 100%
YE95566	REG 3	Max Fuerstner - 100%	YE98810	CAM 39	Max Fuerstner - 100%
YE95567	REG 4	Max Fuerstner - 100%	YE98811	CAM 40	Max Fuerstner - 100%
YE95570	REG 7	Max Fuerstner - 100%	YE98812	CAM 41	Max Fuerstner - 100%
YE95583	REG 20	Max Fuerstner - 100%	YE98818	CAM 47	Max Fuerstner - 100%
YE98862	REG 21	Max Fuerstner - 100%	YE98819	CAM 48	Max Fuerstner - 100%
YE98780	CAM 9	Max Fuerstner - 100%	YE98820	CAM 49	Max Fuerstner - 100%
YE98781	CAM 10	Max Fuerstner - 100%	YE98821	CAM 50	Max Fuerstner - 100%
YE98806	CAM 35	Max Fuerstner - 100%	YE98822	CAM 51	Max Fuerstner - 100%
YE98807	CAM 36	Max Fuerstner - 100%	YE98823	CAM 52	Max Fuerstner - 100%
			YE98831	CAM 60	Max Fuerstner - 100%


Soil/Mag Survey
Gail Hill Prospect
Livingstone Creek
WGS84 - UTM Zone 8
Map Date: April 25, 2023
Author: David Storm
Storm Exploration LLC.
536000
537000
538000
539000
6801000
6800000
Livingstone Creek
Ground-Station
Base Mag
1400m
1300m
1200m
1100m
1000m
0
500
1,000 m
1:13,500
Legend
Mag Flight Lines
Soil Sample
Rock Sample
Trails_50k_Canvec
Watercourses_250k_Canvec
Quartz_Claims_50k

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Historical Work

Yukon Geologic Survey (YGS) and private claim holders have worked towards better characterizing bedrock, faulting, glaciation, and potential mineralization in the Livingstone Creek area using geological and structural mapping, geochemistry, and geophysics. Regarding the current work plan, assessment report file 94352, indicates elevated gold trends running northeast along the northern slope (Gail Hill Prospect) of Livingstone creek. Assessment 94019 reports that on a trenching program, a 1-foot-wide vein producing 32 ppm was found on the north slope of Livingstone Creek near the easter edge of a magnetic anomaly. The electromagnetic survey carried out in 2016 by Geotech displays a magnetic anomaly beginning on Livingstone Creek around Sheens Gulch continuing intermittently through to Lake Creek, following a chloritic schist/siliceous marble unit (Colpron 2017). The high-resolution magnetic survey will help to bound the magnetic anomaly and aid in dissecting structural and lithologic features that correlate with the geochemical trends around this anomaly. Relevant assessment reports and YGS publications are listed below.

Table 1: Links to recent assessment work in and around the Livingstone Creek area

Assessment Reports	
YEG File Number	Title
2020-035	Livingstone Creek Project 2020 Summary Report [2020]
2019-034	YMEP Livingstone Creek Whitehorse Mining District Placer Module Project 2019 Summary Report [2019]
2016-025	Final Report on Livingstone Creek Placer Project [2016]
2000-016	Seismic Refraction Survey and Trenching Program at the Summit Creek Property, Livingstone Creek Area [2000]
95727	2011 Work Program, Cam Claims, Livingstone Area
94991	2007 Assessment Work, Cam Claims, Livingstone Area
94684	Claim Staking, Magnetometer and Soil Sampling, 2005, Cam Claims, Livingstone Area
94352	VLF-EM Surveys, Rock and Soil Sampling, and Backhoe Trenching, 2000, Cam Claims 1146, Livingstone Area
94082	Bedrock Geology, VFLEM Surveying, Rock, Soil and Stream Sediment Sampling, 1999, Cam Claims, Livingstone Area
94019	Report on the 1998 Work Program, Cam Claims 1142
93873	Report on the 1997 Work Program, Cam Claims 1142
1996-020	Report on 1996 Prospector's Assistance Work [1996]
91527	Report on Trenching, Horshoe Claims, Livingstone Creek [1983]
120030	Report on the Seismic Survey of P. L. 5609 and 5610, Livingstone Creek, Yukon Territory Reconnaissance Seismic Refraction Surveying at Livingstone Creek [1981]
YGS Publications	
42736	Revised geological map of Livingstone Creek area (NTS 105E/8); Colpron, M.
YEG2016_3	Geophysical, geochemical and geochronological constraints on the geology and mineral potential of the Livingstone Creek area, south-central Yukon (NTS 105E/8); Colpron, M., Carr, S., Hildes, D. and Piercey, S.
2016-35	Electromagnetic Survey of the Livingstone Creek area, Yukon, Parts of NTS 105-E/7, 8, 9 and 10; Boulanger, O., Kiss, F. and Coyle, M.
1992GeolVol3_07	Gold-sulphide quartz veins in metamorphic rocks as a possible source for placer gold in the Livingstone Creek area, Yukon Territory, Canada; Stroink, L. and Friedrich, G.
1992GeolVol3_08	The sedimentology of Pleistocene deposits associated with placer gold bearing gravels in the Livingstone Creek area, Yukon Territory; Levson, V.

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Geology

(Geology Map found in "Appendix 6")

Regional Geology

Geological mapping and interpretation have been completed in the Livingstone area since 1901. Reinterpretations and revisions have been made to the work completed over the years, with the geology evolving as we learn and understand the area more. The most relevant work being from Maurice Colpron of the Yukon Geological Survey from 2004-2007. Placer gold was first discovered in Livingstone in 1898 and has since then been an area of interest for future exploration. An estimated 50,000 ounces of placer gold has been mined during its activity within the area.

Located in the Livingstone district, the property is bounded by the Big Salmon fault to the southwest, the Little Salmon Lake to the north and paralleling the d'Abbadie fault zone (Appendix 6). The geologic units follow a general NNW strike parallel to the regional foliation and Teslin fault zone. Livingstone falls near the pericratonic Yukon-Tanana terrane and the Quesnellia and Stikinia arcs boundaries. The majority of the rocks found at Livingstone are of the Yukon-Tanana terrane. The Yukon-Tanana Terrane has 5 successions of metasedimentary and metavolcanic rocks, Snowcap complex, Livingstone Creek, Mendocina, Last Peak and Dycer Creek ranging from pre-Upper Devonian to Lower Mississippian. These successions occur in two structural domains separated by d'Abbadie fault. Within these rocks there are multiple intrusive events ranging from Early Mississippian to Lake Cretaceous/Early Tertiary (Colpron, 2006). The western area of the Livingstone district is underlain with the Quesnellia and Stikinia terranes. These terranes are comprised of arc volcanic rocks from offshore Laurentia during the Early Mesozoic joining North America ~175 Ma (Nelson and Colpron, 2007).

Property Geology

The Yukon-Tanana Terrane rocks have been metamorphosed to upper greenschist facies with garnet-grade assemblages found locally. There are two major fault systems in the Livingstone area, the d'Abbadie and the Big Salmon (Appendix 6). The d'Abbadie fault is a brittle-ductile, vertical to steeply dipping, striking NS shear zone. The fault was active during the Cretaceous and was coeval with plutonism (Colpron, et al., 2011). Major structures have yet to be linked with mineralization.

The westernmost of the five successions of rocks in the Yukon-Tanana terrain at Livingstone is the Snowcap Complex. This succession consists of Upper Devonian to Lower Mississippian quartzites to quartz-muscovite schists with minor carbonaceous phyllites, marbles and amphibolites (Colpron, 2006). The Snowcap Complex is interpreted as the basement to the overlaying Yukon-Tanana rocks and is intruded in the Livingstone area by a regionally extensive body of tonalite-granodiorite of Early Mississippian age. Historical and current placer gold have been found along this intrusive-metasediment contact which extends along the headwaters of all 6 creeks. This could be a result of quartz veins carrying the gold within the calcareous and graphitic metasediments from the underlying intrusive body, Thermal Aureole Gold (TAG) model. It is also believed that the gold has been remobilized and concentrated within faults parallel to the Big Salmon fault.

The Mendocina succession has fine-grained phyllitic greenstones with minor serpentine and magnetite along foliation planes, which crop out near the d'Abbadie fault in southwest central

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Livingstone. The assemblage has been interpreted as Permian and a similarity to the VMS-prone upper Devonian Fire Lake formation in the Finlayson district has been suggested (Colpron, 2006).

The Yukon-Tanana also includes the Last Peak and Livingstone assemblages, belts of phyllites and schist and quartzite to quartz-plagioclase-chlorite schist with dolomitic marble, respectively. The Livingstone Creek assemblage is considered possible distal facies to the Mendocina greenstones (Colpron, 2006).

Intrusive rocks in the area can be divided into two groups: older, deformed bodies like the Early Mississippian gneisses cutting Yukon Tanana rocks and the Jurassic and younger, weakly or undeformed plutons formed in the Quesnellian and Stikinian arcs and inbound of the continental margin during terrane accretion (Nelson and Colpron, 2007). The Jurassic and younger plutons present potential porphyry targets (*e.g.* Red Mountain), and pluton margin Au-bearing vein systems.

Mineralization is thought to come from one of three models, skarn mineralization, sulfide mineralization in boudins or the thermal aureole gold (TAG) model. Magnetite is commonly associated with the placer gold which is an indicator of skarn mineralization. This is thought to be adjacent to the upper Mississippian tonalite gneiss bodies within the Yukon-Tanana rocks, a placer gold source (Colpron, 2006; Colpron, 2007). No magnetite skarn or mineralization has been located in bedrock, likely due to thick overburden cover. It is for this reason that magnetometer surveys were performed in these areas in 2005. Some of the placer gold has eroded from quartz veins along faults paralleling the Big Salmon fault. This gold was originally from the intrusive but was reconcentrated by movement and friction associated with the Big Salmon Faulting (~100 Ma). This is the expected source of most of the placer gold recovered from the creeks as well as the gold found in the old Lake Creek campsite area. Some gold is also found associated with galena and chalcopyrite as boudins within the noses of folds as located in the adit area of Livingstone Creek. The hematite mineralization found as fracture fillings in the granodiorite and the strong iron oxide mineralization found in the boudins indicate this is distal mineralization as described in Dr. Wall's TAG model.

Based on the geology and mineralization found, it is possible that an orogenic hosted deposit could be found within this area. Lode gold systems contain native gold along with various subordinate metal minerals (typically pyrite>pyrrhotite>chalcopyrite) in quartz-carbonate veins formed from H_2O-CO_2-rich fluids (Dubé and Gosselin, 2007). They are associated with steeply dipping brittle-ductile structures in major fault systems, especially those formed as part of terrane collisions. Controlling faults, however, can be compressional to transpressional. Host rocks are commonly greenstone to lower amphibolite facies mafic rocks, which is likely related to the interpreted 6-12 km formation window for these vein systems (Robb, 2005).

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Survey Crew and Schedule

Drone Magnetic Survey Crew: David Storm, Jessica Pickett, Storm Exploration LLC.

Support, Documentation: Storm Exploration LLC and Golden Ram Inc.

Line planning: Storm Exploration LLC and Golden Ram Inc.

Fieldwork: The aeromagnetic survey was conducted on May18th 2022, soil and rock sampling were conducted from September 16-25th, 2022.

Data Acquisition Geochemistry

Soil sampling of the Gail Hill Prospect was conducted using a GeoTul and Hand Auger, collecting a total of 110 soil samples. One two-man crew used the shovel to dig down 0.3 meters then hand augured to either bedrock or 1m depth. Rock samples were gathered from outcrops/subcrops when gold bearing features, i.e. veining and/or alteration were present. All surface samples were described in the field and location information was recorded from a handheld GPS. For each soil sample, in addition to the primary sample, which was collected for geochemical assay, a secondary lithology chip sample was also collected. The lithology chip samples were later sifted, washed, and logged to construct a bedrock geological map based upon the rock chips contained within each sample. The area of influence was also noted to help determine the samples movement from its place of origin.

Spacing between soil sample collection sites was approximately 50 meters east-west and 300 meters north-south. Soil overburden in the Livingstone Creek project area varied in depth. Many of the samples were taken at the bedrock interface within 1 m from the surface. When the bedrock interface could not be reached, the samples were comprised of mostly till sediment, and yielded trace amounts of most correlating elements in the assay.

The sample location was recorded on a handheld GPS, and the UTM coordinates written in a field book along with the sample number, sample depth and area of influence. Lithic fragments were also collected from the soil and placed in Ziploc bags. At the end of each day, soil samples were laid out to dry for the night. Field data was manually entered into an excel spreadsheet.

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Geochemistry Results

The soil samples collected were analyzed for ALS's multiple elements (ME-MS41 package) including gold (Au-ICP21/22 package) which were later used for interpretation of the sample area. Visual aids of uni-variant gold with associated contours, tri-variant gold pathfinder elements, and lithology on Gail Hill Prospect are compared in "Appendix 5". Tables containing the assay values, lithology, and Rock descriptions can be found in "Appendix 4".

Data Acquisition Magnetic

The ground crew consisted of two members, the Pilot in Control (PIC) and the Visual Observer (VO). Each flight is given a predefined route to execute within the battery capacity time frame and completes each flight plan automatically. The VO maintains Visual Line of Sight (VLOS) with the drone during the flight, while the PIC monitors telemetry data being transmitted back to the control station. Each new area is inspected for safe flight parameters, and an emergency response plan is kept on hand for any incidents involving the flight or personnel. Flight height and safe terrain following is monitored via a laser altimeter on board that utilizes the drone's connection to the remote control to relay accurate flight height in real time.

Parameters

Ground Control Station: 61.328724,-134.308401

Base Mag Location: 61.327917,-134.315027

Table 2: Mag Survey Details

Line Spacing (m)	Line Direction (deg)	Tie Line Spacing (m)	Flight Lines (km)	Tie Lines (km)	Flight Height AGL (m)	Total Line km/Area (km^2)
25	90	250	79.6	0	30	79.6/1

Instrumentation

Drone: DJI Matrice 300 RTK

The Matrice 300 RTK is DJI's latest commercial drone platform that takes inspiration from modern aviation systems. Offering up to 55 minutes of flight time, advanced AI capabilities, 6 Directional Sensing & Positioning and more, the M300 RTK sets a whole new standard by combining intelligence with high-performance and unrivaled reliability.

Air Magnetometer: Sensys MagDrone R3

The MagDrone R3 is an ultra portable survey kit to be attachable to any UAV / drone with a 1+kg payload only. The kit consists of Carbon fiber sensor tube with two built-in 3-axis Fluxgates, a 1-button data logger, integrated GPS as well as a serial live data output. The MagDrone R3 is made and optimized for small and mid size survey UAVs that are shaped for less payload and longer flight times.

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In flight logging: UGCS Skyhub

UgCS SkyHub is an onboard computer designed to enhance the capabilities of commercial-off-the-shelf UAVs for industrial purposes and to support diverse sensor integration. Implementation of True Terrain Following for DJI Drones can automatically keep constant elevation over the surface using real-time data from radar or laser altimeter. Data collection from sensors like GPR, methane detector, gamma radiation counter, etc. which don't have an internal data logger. Data is recorded in CSV format as well in the formats compatible with specialized software for sensor data processing (SEG-Y, NMEA-0183, etc.)

Ground Magnetometer: GEMSYS GSM – 19

A GSM-19 Overhauser Magnetometer base station is placed in a location of low magnetic gradient, away from electrical transmission lines and moving metallic objects, such as motor vehicles and aircrafts. The data collected from this base station was used to diurnally correct the aeromagnetic data.

Data and Channel Descriptions Magnetics

All line data is delivered in csv format. Processed data is down sampled to 10 Hz as 200Hz is necessary only when mitigating motor noise and internal sensor calibration. The 200 Hz will be provided in a separate csv.

Table 3: 10Hz channel descriptions.

Title	Description	Units
Date_UTC	Flight Date	yyyy/mm/dd
Time	GNSS time stamp	hh:mm:ss.sss
Latitude	Latitude (WGS84)	decimal degrees
Longitude	Longitude (WGS84)	decimal degrees
AGL	Laser Altimeter above ground level	meters
X	UTM Zone 8 easting (WGS84)	meters
Y	UTM Zone 8 northing (WGS84)	meters
Line	Flight Line Number	Int
FID	Fiducial	Int
Pitch	Pitch of drone	degrees
Roll	Roll of drone	degrees
Inclination	Relative Inclination from triaxial vector mag	degrees
Declination	Relative Declination from triaxial vector mag	degrees
Filt	Rolling mean window at 50 fiducials in original 200Hz data. Then down sampled to 10 Hz	nanotesla
Diurn	Diurnally correction	nanotesla
Low	20m, Lowpass Filter	nanotesla

Heading	Baseline heading error compensation	nanotesla
HeadLow	35m, 2nd degree Butterworth filter	nanotesla
TieShift	Tie line shift amount to level separate flights	nanotesla
TieLevel	Leveled tie lines ready for grid leveling	nanotesla
GridTieTrend	Trend created using b-spline curve of tie-grid line error	nanotesla
SplineLeveled	Spline leveled grid lines	nanotesla
TMI	Directional Cosine and Lowpass filter of leveled raw	nanotesla
VD1_NorthSouth	1st vertical derivative of "HeadLow" Channel	nanoteslas/meter
VD1_EastWest	1st vertical derivative of TMI Grid	nanoteslas/meter
AS_Samp	Analytic Signal of TMI Grid	nanoteslas/meter
TDR_Samp	Tilt Angle Derivative of TMI Grid	radians

Table 4: 200Hz channel description

Title	Description	Units
Date	Flight Date	yyyy/mm/dd
Time	GNSS time stamp	hh:mm:ss.sss
X	UTM Zone 8 easting (WGS84)	meters
Y	UTM Zone 8 northing (WGS84)	meters
Latitude	Latitude (WGS84)	decimal degrees
Longitude	Longitude (WGS84)	decimal degrees
Declination__Â°_	Calculated Declination output from Sensys MagDrone R3	degrees
Inclination__Â°_	Calculated Inclination output from Sensys MagDrone R3	degrees
Mag_X__nT_	X component of triaxle vector magnetometer	nanoteslas
Mag_Y__nT_	Y component of triaxle vector magnetometer	nanoteslas
Mag_Z__nT_	Z component of triaxle vector magnetometer	nanoteslas
Total_field__nT_	Squared sum of triaxle components	nanoteslas
Filt	Rolling mean window at 50 fiducials	nanoteslas

Processing Magnetics

A typical processing sequence was used for the dataset using MagDrone Data Tool (Sensys), and Python (Programming Language). Data was parsed into lines and diurnally corrected using MagDrone Data Tool. Then the data was low passed line by line to remove high frequency noise, and again Butterworth filtered to smooth the anomalies. Then tie lines were leveled, and subsequently used to

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level the gridlines along the entire grid. Once leveled, the data was grided into 4x4 pixels using a cubic spline. That data is then micro-leveled using a Gabor directional filter and 2-dimensional Gaussian filter. Subsequent vertical derivative, analytical signal, and tilt derivative are calculated from the micro-leveled grid data. The difference between “VD1_EastWest” and “VD1_NorthSouth” is in the order of operations. The grid lines were flown east west, therefore, a 1-dimensional VD1 operation was carried out along the line then interpolated, which inherently accentuated structures running north south. The VD1_EastWest was calculated from the 2-dimensional TMI grid, which due to some east west trends in the data, accentuated high frequency trends running east west.

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Magnetic Map Description

(Magnetic Maps found in "Appendix 7")

Total Magnetic Intensity

Based on the flight lines covered by the drone, the total magnetic field map grid was created by interpolating the filtered and micro-leveled magnetic data. The purpose of this data presentation is to highlight geological structures that may be visible in the survey area by their magnetic signature or their magnetic contrast to their surroundings.

First Vertical Derivative

The first order vertical derivative quantifies the rate of change of the magnetic field as a function of elevation. It approximates the vertical magnetic gradient, which could technically be directly measured with separate magnetometers vertically spaced apart. The purpose of this type of filter is to eliminate the long wavelength signatures and make sharp features more detectable, such as the edges of magnetic bodies. This filter also increases the noise level, which limits the use of higher order derivatives (n=2 for example). The vertical derivative is used to delineate the contacts between large-scale magnetic domains because its value is zero over vertical contacts.

3D Analytic Signal

The analytic signal is the square root of the sum of the squares of the derivatives in the x, y, and z directions:

$$Analytical\ Signal = \sqrt{dx * dx + dy * dy + dz * dz}$$

The analytic signal is useful in locating the edges of magnetic source bodies, particularly where remnant magnetic signals and/or low magnetic latitude complicates interpretation.

Tilt Derivative

The tilt derivative is the angle at which the vertical derivative can be normalized to highly horizontally varying magnetic field.

$$Tilt\ Derivative = \tan^{-1}(\frac{1VD}{THDR})$$

The tilt derivative and its total horizontal derivative are useful for mapping shallow basement structures and mineral exploration targets for their ability to accentuate vertical structure.

First Vertical Derivative with Gold Soil Contours Overlay

This map shows the gold trend in soils overlying the completed section of the first vertical derivative magnetics. The first vertical derivative was chosen because it highlights magnetic features close to surface, likely having the highest effect on soil geochemistry.

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Discussion

The magnetic survey did not cover the designed grid for the entire area of interest in Livingstone Creek and Sheens Gulch due to time constraints. The coverage spans 2 soil grid lines completed in this survey on Gail Hill along with the previous trench and soil data from past reports. The magnetic anomalies eastern extent along the north slope of Livingstone Creek shows some correlation to elevated gold. The Tri Variant plot also shows gold correlation with increases in both tellurium and zinc. The highest assayed rock sample R22219 at 0.916 ppm only shows elevated tellurium and lead, with silvery sulphides, likely galena. Rock sample R22221 at 11 ppb along with most other elevated soil samples shows increased levels of rare earth metals and not very anomalous lead. An interesting trend in the Tri Variant plot is the eastern extent showing mostly only increased tellurium while nearer to the anomalous body shows more increased zinc. The magnetic survey can help define the edge of this change, although the source of the magnetic hot spot has not yet been determined as most of the chips and outcrops yielded only altered schist with veining. After seeing the rock and soil trends along this anomaly, further sampling and trenching should focus on this halo surrounding these alteration events in attempts to extract information on where and why these veins change from increased rare earth metals to increased gold and lead. Finishing the high-resolution mag survey will help to define the northern extent of the anomaly of interest, and help to correlate a second elevated gold trend (Soils and Rock Samples) to the dataset along the ridge.

Conclusion

The increased magnetic resolution in the area has helped to separate out small high magnetic susceptibility units in the target anomaly. The soil grid and rock sampling has extended some of the previously gathered geochemical data. Together they further the understanding between geologic unit boundaries, faulting, and geochemistry in an area with little outcropping bedrock.

Statement of Qualifications

David Storm

I, David Storm, of 2925 E Clarendon Avenue, Phoenix, Arizona, DO HEREBY CERTIFY THAT:

1. I am a graduate of the University of British Columbia (B.Sc., 2017, Geophysics)
2. I have practiced my profession as a geophysicist since 2017, practicing drone magnetics since 03/2020
3. I am a certified UAV Pilot since 03/2021, Certificate number PC2106164865
4. I am president of Storm Exploration LLC. a registered company in Arizona.

DStorm

David Storm

Geophysicist, B.Sc

Storm Exploration LLC

Jessica Pickett

I, Jessica Pickett, of 2925 E Clarendon Avenue, Phoenix, Arizona, DO HEREBY CERTIFY THAT:

1. I am a graduate of Queen's University in Kingston, ON (B.Sc.H., 2013, Geological Sciences, M.Sc. 2017, Economic Geology)

2. I have practiced my profession as a geologist since 2017, focusing hydrometallurgy and gold exploration

Jessica Pickett

Geologist, M.Sc., B.Sc.H

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Appendix 1: References

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Appendix 2: Instrument Specification

GSM-19 Overhauser Magnetometer

Performance

Sensitivity: Standard

GSM-19 0.022 nT @ 1 Hz

GSM-19PRO 0.015 nT @ 1 Hz

Resolution: 0.01 nT

Absolute Accuracy: 0.1 nT

Dynamic Range: 20,000 to 120,000 nT

Gradient Tolerance: up to 10,000 nT/m

Samples at: 60+, 5, 3, 2, 1, 0.5, 0.2 sec

Operating Temperature: -40°C to +50°C

Operating Modes

Manual: Coordinates, time, date and reading stored automatically at up to 0.2 sec.

Base Station: Time, date and reading stored at 1 to 60 second intervals.

Remote Control: Optional remote control using RS-232 interface.

Input / Output: Input/Output: RS-232 using 6-pin weatherproof connector with USB adapter.

Memory - (# of Readings in millions)

Mobile: 1.4M,

Base Station: 5.3M,

Gradiometer: 1.2M,

Walking Mag: 2.6M

Dimensions

Console: 223mm x 69mm x 240 mm(8.7x2.7x9.5in)

Sensor: 175mm x 75mm diameter cylinder (6.8in long by 3 in diameter)

Weights

Console with Belt: 2.1 kg

Sensor and Staff Assembly: 1.0 kg

DJI Matrice 300 RTK

Structure

Diagonal Wheelbase: 895 mm

Aircraft Dimensions: 810 mm x 670 mm x 430 mm (Unfolded, propellers excluded)

Storm Exploration LLC
info@stormexploration.net
ph: +1-480-875-6580

430 mm x 420 mm x 430 mm (Folded, propellers included)

Intelligent Flight Battery Quantity: 2

Weight (without batteries): 3.6 kg

Weight (with two TB60 batteries): 6.3 kg

Max Takeoff Weight: 9 kg

Performance

Hovering Accuracy (P-Mode, with GPS)

Vertical: ±0.5 m, Horizontal: ±1.5 m

Max Angular Velocity: Pitch: 300°/s, Yaw: 100°/s

Max Pitch Angle: 30° (P-mode, Forward Vision System enabled: 25°)

Max Speed of Ascent: S mode: 6 m/s P mode: 5 m/s

Max Speed of Descent: S mode: 5 m/s P mode: 4 m/s

Max Wind Resistance: 8 m/s

Service Ceiling Above Sea Level: 5000 m

Max Speed: S mode: 23 m/s P mode: 17 m/s

Max Flight Time: 55 min

Remote Controller

Operating Frequency:

920.6 MHz to 928 MHz (Japan)

5.725 GHz to 5.825 GHz

2.400 GHz to 2.483 GHz

Max Transmission Distance (unobstructed, free of interference):

NCC/FCC: 15 km

CE/MIC & SRRC: 8 km

EIRP:

2.4000-2.4835 GHz: 29.5dBm (FCC) 18.5dBm (CE, SRRC, MIC)

5.725-5.850 GHz: 28.5dBm (FCC) 12.5dBm (CE) 20.5 (SRRC)

Miscellaneous:

Obstacle Sensing Range: 0.1-8m

Output Power: 100-120 V: 750 W 220-240 V: 992 W

Operating Temperature: -4° to 122° F (-20° to 50° C)

Storage Temperature: 71.6° to 85°F (22°C to 30°C)

Charge Temperature: -4° to 104° F (-20° to 40° C)

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Built-in Battery: 18650 lithium ion battery (5000 mAh @ 7.2 V)

Battery

Model: TB60

Capacity: 5935 mAh

Voltage: 52.8 V

Type: LiPo 12S

Energy: 274 Wh

Net Weight: 1.35 kg

Operating Temperature: -4° to 122° F (-20° to 50° C)

Ideal Storage Temperature: 71.6°F to 86° F (22° to 30° C)

Charge Temperature: -4° to 104° F (-20° to 40° C)

Charging time Using BS60 IBS: 220V input: 60 minutes (fully charging two TB60 Batteries)

110V input: 70 minutes (fully charging two TB60 Batteries)

Charging Station

Model: BS60 Intelligent Battery Station

Input: 100-120 VAC, 50-60 Hz / 220-240 BAC, 50-60

Max. Input Power: 1070W

Output Power: 100-120 V: 750 W 220-240 V: 992 W

Operating Temperature: -4 to 104°F (-20 to 40°C)

SENSYS MagDrone R3

General Technical Data

Power Supply: 12 V

Operating Temperature: -20°C to +50°C

Operating Weight (survey kit): 894 g incl. battery

4.3 kg incl. bag, charger, two batteries, cable and adapter

Overall power consumption: 400 mA

Rush in Current: 2000 mA

Data Logger

Power input Battery: 11.1V, 1950 mAh

Sensor input: internal analogue

User Interface: Start/Stop button; status LED

Survey mode: Start before lift off, stop after landing

Sampling rate: 200 Hz

Storm Exploration LLC
info@stormexploration.net
ph: +1-480-875-6580

Internal memory: 2 GB, good for 24 hours of uninterrupted recording

FGM3D/75 Fluxgate

Maximum ambient field ±75,000 nT

Specified measurement range ±75,000 nT

Resolution <0.3 nT

Noise <20 pT/√Hz @ 1Hz

Temperature drift <0.3 nT/K

Dimensions Ø35 x 365 mm

IP code IP65

GNSS

Model u-blox SAM-M8Q

Receiver Type 72-channel GPS/QZSS L1 C/A, GLONASS,L1OF, Galileo E1B/C, SBAS: WAAS,EGNOS, MSAS

Navigation rate: 5 Hz

Accuracy Position: 2.5 m circular error probable

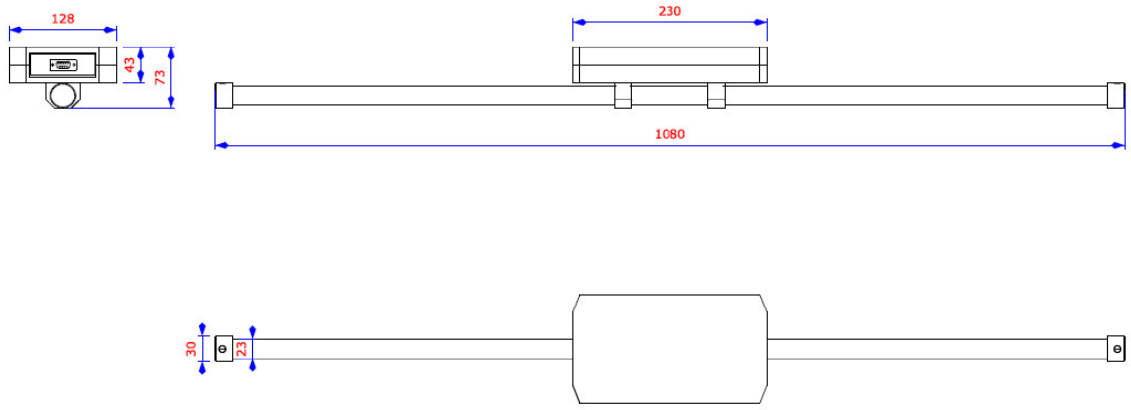
SBAS: 2.0 m circular error probable

Acquisition Cold start: 26 s

Aided starts: 2 s

Reacquisition: 1 s

Dimensions



Geosun GS-100M+

System Parameter

Power Supply: 9V

Accuracy: ≤10cm@110m

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Dimensions: 15.5x9.2x9.3cm

Weight: 1036g

Storage: 64 GB Max support 128GB TF card

Working Temperature: -20°~ + 55°

Carrying Platform: Multi Rotor/VTOL

Laser Unit

Laser Class: 905nm Class1 (IEC 60825-1:2014)

Range Accuracy (1σ @ 20m): 2 cm

Laser Line Number: Equivalent to 64-beam

Data: double echo,480000 Points/Sec

Measuring Range: 190m@10%

FOV: 70° circular view

POS Unit

Update Frequency: 200HZ

Position Accuracy: ≤0.05m

GNSS Signal Type: GPS L1/L2/L5,GLONASS L1/L2, BDS B1/B2/B3,GAL E1/E5a/E5b

Pitch /Roll Accuracy: 0.015°

Heading Accuracy: 0.040°

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Easy Navigation Technology EasyRTK-G7

Tracking Signals	GPS	L1CA/L1P/L1C/L2P/L2C/L5	
	GLO	G1/G2/G3	
	GAL	E1/B5a/E5b/E5(AltBoc)/E6	
	BDS	B1I/B2I/B3I/B1C/B2a/B2b/B2(AceBoc)	
	QZSS	L1CA/L1C/L2C/L5/L6(LEX)	
	IRNSS	L5	
	SBAS	L1/L5	
	L-Band	Atlas H10/H30/Basic	
Tracking Channels	800	RTK	H: 8 mm + 1ppm
Signal Re-acquisition	<1s		V: 15mm+ 1ppm
Cold Start	<60s		Atlas H10: 4cm RMS
Warm Start	<30s	L-Band PPP	Atlas H30: 15cm RMS
Hot Start	<10s		Atlas Basic: 30cm RMS
Initialization reliability	>99.9%	1PPS	10ns
Update rate	10Hz, 20Hz*	Internal memory	32G
Operation system	Linux		
Communication Interface			
GNSS Antenna	TNC female	RS232	DB9 female
Bluetooth	BT5.0 + EDR, compatible with BLE	Wifi	802.11 b/g/n/ac
Ethernet	YES		
Data exchange			
Data output	RTCM 3.X MSM, NMEA 0183, Hemisphere Binary Raw Data		
Data input	RTCM 2.X, RTCM 3.X CMR, CMR+, DGPS		
Data logging	Support 8 logging tasks simultaneously Support Binary, Rinex and Binex data format Support log intervals: 20Hz*, 10Hz, 5Hz, 1Hz, 2s, 5s, 10s, 15s, 30s, 60s		
Data stream	1x Bluetooth; 1x serial port; 3x ntrip server streams 1x ntrip client stream; 5x socket (TCP/UDP) streams		
FTP	FTP server; FTP client (FTP push)		
Physical & Electrical			
Power	2-pin DC in, 8-36 voltage VDC with over-voltage protection		
Size & Weight	5.2" x 3.8" x 1.5",<1lb		
Temperature	Operating: -40°C ~ +65°C; Storage: -45°C ~ +80°C		
Water/Dust Proof	IP67, humidity Up to 95%		
Indicators	Power, satellite, recording, datalink		
Button	1 x Reset button		

STORM EXPLORATION

www.stormexploration.net
info@stormexploration.net
2925 E Clarendon Ave, Phoenix, AZ 85016
480-875-6580

Invoice
GRI - LC - 004

Customer: Golden Ram Inc.
Survey Dates: September 16 - 23, 2022
Invoice Date: 15-Oct-22
Job Details: Soil & Magnetic Survey

Description	Estimated Shifts	Unit Cost (CDN)	Total Cost (CDN)
Mobilization/Demobilization			
Travel Wages (/day)	4	$1,150.00	$4,600.00
Mileage Beaver Creek - Watson Lake (/km)	946.8	$0.55	$520.74
Accomodations Sept 15 - 16th	1	$168.58	$168.58
Accomodations Sept 25 - 26th	1	$324.45	$324.45
Meals (/day)	4	$100.00	$400.00
		Sub-Total	$6,013.77
Sampling Program			
Soil Sampling(/day)	7	$2,000.00	$14,000.00
Vehicle Standby (/day)	7	$50.00	$350.00
Camping & Food (/day)	7	$250.00	$1,750.00
Data Processing (Flat Rate)	1	$750.00	$750.00
Report & Maps (Flat Rate)	1	$1,000.00	$1,000.00
Standby	0	$1,500.00	$0.00
		Sub-Total	**$17,850.00**
Geochemical Assays (110 soil, 16 rock)			
Deposit (Sept 25,2022) - WH22273458	1	$1,311.91	$1,311.91
Processing (Oct 16,2022) - WH22273465	1	$5,230.48	$5,230.48
		Sub-Total	**$6,542.39**
Geophysical Survey			
Drone Magnetics @ 25m Spacing(/km)	79	$50.00	$3,950.00
Vehicle Standby (/day)	1	$50.00	$50.00
Camping & Food (/day)	1	$250.00	$250.00
Stand-by (/day)	0	$1,500.00	$0.00
		Sub-Total	**$4,250.00**

Deposit Information:
Storm Exploration LLC
2925 E Clarendon Ave, Phoenix, AZ 85016
Routing Numbers
Direct Deposit & Electronic Transfers: 122105278
Domestic Wire Transfers : 121000248
Account Number: 1629426733
Zelle : David@stormexploration.net

Invoice Total	**$ 34,656.16**

May 9, 2023

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: STORM EXPLORATION LLC
9-7373 BROOKS LANES
VERNON BC V1H 1G6

INVOICE NUMBER 6132660

BILLING INFORMATION

Certificate:	WH22273458
Sample Type:	Rock
Account:	STOREX
Date:	24-OCT-2022
Project:	Livingstone
P.O. No.:	22-LVS-R
Quote:	
Terms:	Due on Receipt C1
Comments:	

ANALYSED FOR

QUANTITY	CODE	- DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	43.95	43.95
16	PREP-31Y	Crush, Rotary Split, Pulverize	9.95	159.20
26.34	PREP-31Y	Weight Charge (kg) - Crush, Rotary Split, Pulverize	1.15	30.29
16	Au-ICP21	Au 30g FA ICP-AES Finish	22.55	360.80
16	ME-MS61	48 element four acid ICP-MS	40.95	655.20

SUBTOTAL (CAD)	$	1,249.44
R100938885 GST	$	62.47
TOTAL PAYABLE (CAD)	$	1,311.91

To: STORM EXPLORATION LLC
ATTN: DAVID STORM
9-7373 BROOKS LANES
VERNON BC V1H 1G6

May 9, 2023

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

ALS Canada Ltd.

2103 Dollarton Hwy
North Vancouver BC V7H 0A7
Phone: +1 604 984 0221 Fax: +1 604 984 0218
www.alsglobal.com/geochemistry

To: STORM EXPLORATION LLC
9-7373 BROOKS LANES
VERNON BC V1H 1G6

INVOICE NUMBER 6151551

BILLING INFORMATION

Certificate:	WH22273465
Sample Type:	Soil
Account:	STOREX
Date:	19-NOV-2022
Project:	Livingstone
P.O. No.:	22-LVS-S
Quote:	
Terms:	Due on Receipt C1
Comments:	

ANALYSED FOR

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	TOTAL
1	BAT-01	Administration Fee	43.95	43.95
110	PREP-41	Dry, Sieve (180 um) Soil	2.25	247.50
77.03	PREP-41	Weight Charge (kg) - Dry, Sieve (180 um) Soil	3.55	273.46
110	AuME-TL43	25g Trace Au + Multi Element PKG	40.15	4,416.50

SUBTOTAL (CAD)	$	4,981.41
R100938885 GST	$	249.07
TOTAL PAYABLE (CAD)	$	5,230.48

To: STORM EXPLORATION LLC
ATTN: DAVID STORM
9-7373 BROOKS LANES
VERNON BC V1H 1G6

9 May 2023

Payment may be made by: Cheque or Bank Transfer

Beneficiary Name:	ALS Canada Ltd.
Bank:	Royal Bank of Canada
SWIFT:	ROYCCAT2
Address:	Vancouver, BC, CAN
Account:	003-00010-1001098

Please send payment info to accounting.canusa@alsglobal.com

Please Remit Payments To :
ALS Canada Ltd.
2103 Dollarton Hwy
North Vancouver BC V7H 0A7

HORIZON HELICOPTERS

Invoice 5433457
2022-09-27

Horizon Helicopters
20 Electra Crescent
Whitehorse, YT Y1A 0M7
Canada
Phone (867) 633-6044
cole@horizonhelicopters.ca

Sold To
Golden Ram

Attn:
Max Fuerstner
livingstoneyukon@gmail.com

Job# 3633
Job name

Quantity	Unit Price	Description	Amount
1.2 Hours	$1,425.00	C-GHZN (AS350SD) Flight Report #266712 on 2022-09-16	$1,710.00
162	$1.73	FR#266712 Item: Fuel Whitehorse	$280.26
		Subtotal	**$1,990.26**
		Pre Tax	**$1,990.26**
		Tax (5%)	**$99.51**
		PAY THIS AMOUNT	**$2,089.77**

Payment due within 30 days of invoice date. GST # 881858716 RT0001 Methods of payment: cheque, direct deposit, e-transfer. All credit card transactions have a fee. Interest will be charged on overdue accounts at a rate of 2% per Month (24% per Annum) *Confidential Contract

HORIZON HELICOPTERS

Invoice 5433157
2022-05-25

Horizon Helicopters
20 Electra Crescent
Whitehorse, YT Y1A 0M7
Canada
Phone (867) 633-6044
cole@horizonhelicopters.ca

Sold To
Golden Ram

Attn:
Max Fuerstner
livingstoneyukon@gmail.com
David Storm
david@stormexploration.net

Job#3633
Job name: Golden Ram
***B2 and SD sub in for EC120**

May 9, 2023

Quantity	Unit Price	Description		Amount
1.1 Hours	$1,200.00	C-GGWB (AS350B2) Flight Report #218908 on 2022-05-15		$1,320.00
187	$1.61	FR#218908 Item: Fuel Whitehorse		$301.07
1 Hours	$1,200.00	C-GHZN (AS350SD) Flight Report #219324 on 2022-05-17		$1,200.00
140	$1.61	FR#219324 Item: Fuel Whitehorse		$225.40
1 Hours	$1,200.00	C-GOCA (EC120B) Flight Report #220104 on 2022-05-18		$1,200.00
120	$1.61	FR#220104 Item: Fuel Whitehorse	**GST = 140.93**	$193.20
1 Hours	$1,200.00	C-GHZN (AS350SD) Flight Report #219807 on 2022-05-19	**Total = $2959.53**	$1,200.00
140	$1.61	FR#219807 Item: Fuel Whitehorse		$225.40
		Subtotal		**$5,865.07**
		Pre Tax		**$5,865.07**
		Tax (5%)		**$293.25**
		PAY THIS AMOUNT		**$6,158.32**

Payment due within 30 days of invoice date. GST # 881858716 RT0001 Methods of payment: cheque, direct deposit, e-transfer. All credit card transactions have a fee. Interest will be charged on overdue accounts at a rate of 2% per Month (24% per Annum) *Confidential Contract

PLEASE REMIT TO: ALPINE AVIATION (YUKON) LTD.
P.O. BOX 6, WHITEHORSE, YT Y1A 5X9 PHONE (867) 668-7725

Invoice Number 18106

Invoice To: Max Fuerstner
Address:

Date Sept 23/2022
Re: Air Charter

A/C CFBUA
Pilot Mike

No. Pssgrs	Cargo	From	To	To	Rate	Miles	Hours	Charges
1	✓	Whitehorse	Livingston	Whitehorse	600	100		600 00
		Boswell	Livingsten	Split	775 00		.2	155 00
		Livingsten	Whitehorse		600	50		300 00
		Whitehorse	Livingsten	Whitehorse	600	100		600 00
		Whitehorse	Livingsten	Whitehorse	600	100		600 00
								2255 00
			5% Fuel Surcharge					112 75
								2367 75
				GST# RT887490969				118 39
				TOTAL				2486 14
				Amount Charged				

May 9 2023

2% per month (24% per annum) charged on Overdue Accounts
Due upon receipt of Invoice. e-transfer to alpineaviation@gmail.com

ident	Latitude	Longitude	y_proj	x_proj	alt	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm
S22001	61.330565	-134.305645	6799805.67	537163.3826	1067.73	0.01	0.14	1.14	9.9	-10	80	0.29	0.17
S22002	61.330662	-134.304735	6799816.993	537211.9715	1071.92	0.002	0.1	1.43	17.9	-10	110	0.33	0.26
S22003	61.330706	-134.303829	6799822.411	537260.4089	1077.62	0.004	0.17	2.08	15.2	-10	150	0.6	0.18
S22004	61.330762	-134.302919	6799829.168	537309.0459	1075.74	0.004	0.27	1.64	20.9	-10	130	0.44	0.29
S22005	61.330818	-134.30199	6799835.937	537358.6997	1087.01	0.006	0.24	1.21	14.5	-10	50	0.3	0.91
S22006	61.330883	-134.301105	6799843.683	537405.9877	1095.71	0.018	0.1	2.86	7.5	-10	160	0.97	0.17
S22007	61.330961	-134.300117	6799852.938	537458.7725	1090.26	0.015	0.33	1.44	8.6	-10	100	0.35	1.33
S22008	61.331039	-134.299169	6799862.17	537509.4162	1111.71	0.029	0.08	1.56	9.9	-10	100	0.46	0.44
S22009	61.331094	-134.298297	6799868.797	537556.0198	1119.8	0.032	0.22	2.05	32.9	-10	180	0.63	0.32
S22010	61.331181	-134.297404	6799879.002	537603.7087	1127.97	0.024	0.22	1.61	13.5	-10	190	0.54	0.21
S22011	61.331337	-134.296445	6799896.931	537654.8468	1134.41	0.008	0.14	1.29	9.8	-10	110	0.33	0.24
S22012	61.331304	-134.295557	6799893.767	537702.4117	1140.86	0.01	0.13	1.22	8.7	-10	150	0.37	0.24
S22013	61.331424	-134.294704	6799907.626	537747.9194	1141.68	0.004	0.08	0.97	5.8	-10	90	0.28	0.13
S22014	61.331468	-134.29376	6799913.073	537798.3885	1144.64	0.061	0.12	1.12	8.3	-10	100	0.34	0.16
S22015	61.331549	-134.292871	6799922.61	537845.8693	1149.47	0.009	0.1	0.92	7.9	-10	100	0.32	0.14
S22016	61.331596	-134.291843	6799928.442	537900.83	1154.3	0.008	0.12	1.2	9.5	-10	130	0.35	0.17
S22017	61.331681	-134.29101	6799938.393	537945.3085	1172.67	0.009	0.07	1.2	9.2	-10	110	0.36	0.19
S22018	61.334751	-134.286354	6800283.061	538190.7545	1259.99	0.016	0.23	1.27	9.6	-10	160	0.41	0.21
S22019	61.334513	-134.289922	6800254.47	538000.1066	1242.51	0.008	0.13	1.3	8.6	-10	130	0.37	0.19
S22020	61.334401	-134.291713	6800240.954	537904.3984	1226.08	0.01	0.12	1.25	10.2	-10	120	0.4	0.18
S22021	61.334353	-134.292679	6800235.047	537852.7617	1236.32	0.009	0.14	1.25	9.2	-10	100	0.38	0.2
S22022	61.334208	-134.293553	6800218.389	537806.165	1229.65	0.011	0.12	1.62	8	-10	120	0.48	0.19
S22023	61.334135	-134.294489	6800209.717	537756.1634	1225.74	0.084	0.1	1.44	6.4	-10	140	0.5	0.16
S22024	61.33408	-134.295392	6800203.069	537707.9058	1213.86	0.01	0.13	1.35	7	-10	140	0.43	0.19
S22025	61.333219	-134.306544	6800100.777	537112.128	1167.48	0.004	0.08	1.4	6.7	-10	70	0.36	0.22
S22026	61.333248	-134.305613	6800104.536	537161.9173	1181.33	0.003	0.12	1.28	5.5	-10	110	0.3	0.18
S22027	61.333341	-134.304758	6800115.382	537207.5633	1187.68	0.001	0.22	0.48	2.4	-10	70	0.08	0.09
S22028	61.333414	-134.30383	6800124.042	537257.1395	1190.83	0.002	0.17	1.05	5.4	-10	60	0.17	0.18
S22029	61.333473	-134.302836	6800131.182	537310.2641	1193.61	0.002	0.06	1.17	8.6	-10	80	0.28	0.21
S22030	61.333582	-134.301949	6800143.83	537357.6028	1195.01	0.004	0.06	1.03	6.2	-10	90	0.17	0.19
S22031	61.333646	-134.301048	6800151.474	537405.744	1205.44	0.005	0.11	1.92	7.9	-10	220	0.65	0.14
S22032	61.333682	-134.300024	6800156.071	537460.5009	1195.62	0.003	0.09	2.81	6.6	-10	210	0.76	0.07
S22033	61.333751	-134.299151	6800164.258	537507.1373	1212.17	0.006	0.08	2.09	12.5	-10	170	0.74	0.1
S22034	61.333839	-134.29828	6800174.56	537553.6438	1210.31	0.005	0.06	2.29	12.7	-10	160	0.72	0.16
S22035	61.333884	-134.297409	6800180.074	537600.2015	1225.78	0.01	0.06	1.85	10.4	-10	100	0.5	0.14
S22036	61.333991	-134.296492	6800192.521	537649.1464	1225.05	0.008	0.14	1.95	11.6	-10	150	0.63	0.12
S22037	61.338269	-134.287512	6800674.238	538124.5099	1363.52	0.002	0.07	0.99	15.9	-10	60	0.24	0.25
S22038	61.338052	-134.291136	6800647.957	537930.8611	1363.75	0.005	0.12	1	5.7	-10	80	0.22	0.19
S22039	61.33788	-134.292883	6800627.785	537837.5903	1348.7	0.002	0.13	1.26	11	-10	50	0.25	0.26
S22040	61.33787	-134.293881	6800626.093	537784.2012	1349.01	0.004	0.21	1.17	10.9	-10	90	0.24	0.28

Soil Sample Assay and Lithology

Gail Hill Prospect
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Storm Exploration LLC

ident	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
S22001	1.19	0.19	29.5	10.7	34	0.61	35.4	2.43	3.68	-0.05	0.12	0.07	0.016	0.07
S22002	1.54	0.17	50.1	18.4	41	0.8	46.6	3.47	4.65	0.07	0.08	0.04	0.017	0.11
S22003	2.31	0.18	42.3	27	148	1.06	70.3	4.39	7.97	0.08	0.09	0.15	0.032	0.14
S22004	0.89	0.14	37.6	17.2	49	0.73	55.8	3.62	5.22	0.07	0.12	0.24	0.028	0.1
S22005	0.37	0.08	61.8	15.1	34	0.94	37.9	3.41	3.89	0.07	0.09	0.05	0.017	0.11
S22006	0.78	0.15	59.2	39	147	2.34	64.4	5.99	12.25	0.11	0.11	0.08	0.062	0.26
S22007	0.3	0.09	56.9	15.2	35	1.74	34.5	3.41	4.85	0.08	0.11	0.04	0.018	0.09
S22008	0.37	0.05	53	15.2	51	0.72	32.8	3.36	5.81	0.07	0.05	0.05	0.026	0.06
S22009	1.02	0.09	58.6	26.3	78	2.1	47.8	4.75	8.21	0.1	0.15	0.06	0.036	0.24
S22010	1.18	0.19	47	19.4	67	1.88	41.1	3.93	6.44	0.08	0.11	0.14	0.036	0.12
S22011	0.62	0.13	50.6	16.5	49	0.89	24.5	3.26	4.8	0.06	0.06	0.06	0.022	0.06
S22012	1.2	0.13	35	14.6	52	0.9	30.9	3.1	4.53	0.06	0.1	0.07	0.025	0.05
S22013	0.91	0.07	29.1	12	39	0.42	21.8	2.3	3.81	-0.05	0.05	0.07	0.019	0.04
S22014	1.18	0.09	32.9	12.4	38	0.48	24.8	2.84	3.99	-0.05	0.09	0.08	0.02	0.04
S22015	0.93	0.12	29	10.1	27	0.53	27.3	2.15	3.31	0.05	0.07	0.07	0.015	0.04
S22016	1	0.09	39.1	14.2	43	0.49	26.4	2.89	4.26	0.05	0.09	0.09	0.02	0.05
S22017	0.61	0.05	43.1	11.7	37	0.48	23.9	2.71	4.25	0.05	0.07	0.06	0.019	0.05
S22018	0.74	0.14	42.3	15.4	49	0.68	32	2.81	4.47	0.05	0.03	0.08	0.023	0.05
S22019	1.12	0.11	36.7	16	52	0.45	28	2.87	4.62	0.05	0.09	0.15	0.021	0.04
S22020	0.59	0.05	48.1	16.2	54	0.57	33.6	3.03	4.7	0.06	0.04	0.09	0.023	0.04
S22021	0.56	0.16	48.6	15.9	50	0.54	35.6	3.21	4.61	0.06	0.06	0.09	0.022	0.05
S22022	0.87	0.08	46.9	18.9	71	0.62	39	3.57	5.99	0.06	0.11	0.12	0.027	0.05
S22023	1.04	0.08	50.6	21.2	68	0.77	31.5	4.13	5.93	0.07	0.07	0.1	0.037	0.07
S22024	0.7	0.15	41.9	16.1	65	0.53	30.6	2.9	4.91	0.06	0.07	0.08	0.024	0.05
S22025	0.25	0.07	28.2	9	32	0.85	20.5	2.42	4.79	-0.05	-0.02	0.01	0.018	0.06
S22026	0.22	0.05	18.7	6.9	29	0.76	13	2	4.44	-0.05	0.04	0.01	0.016	0.04
S22027	0.07	0.12	8.39	3.5	9	0.29	5.2	0.94	2.72	-0.05	-0.02	0.02	0.005	0.03
S22028	0.11	0.09	26.3	6.3	25	0.53	11	1.86	4.5	-0.05	-0.02	0.02	0.011	0.05
S22029	0.28	0.12	26.9	9.8	28	0.74	18.3	2.3	4.14	-0.05	-0.02	0.01	0.018	0.06
S22030	0.35	0.1	30.4	7.8	23	0.51	15	2.03	3.68	-0.05	0.02	0.01	0.011	0.06
S22031	0.85	0.08	33.5	22.2	177	1.26	45	3.75	7.21	0.06	0.05	0.03	0.042	0.09
S22032	0.98	0.07	13.6	34	239	3	82.1	5.53	12.6	0.07	0.03	0.2	0.021	0.79
S22033	0.74	0.13	36.2	26.9	157	2.02	44.9	5.01	8.09	0.09	0.03	0.26	0.047	0.14
S22034	0.61	0.08	39.4	27.5	157	1.68	48.2	5	8.82	0.08	0.03	0.24	0.046	0.1
S22035	0.59	0.1	37.9	21	120	1.02	38.4	4.05	6.97	0.07	0.02	0.13	0.032	0.07
S22036	0.85	0.12	36.5	26.1	135	1.13	43.1	4.36	7.21	0.07	0.05	0.14	0.039	0.09
S22037	0.16	0.09	31.4	7.2	26	1.25	14.5	2.37	3.93	-0.05	-0.02	0.03	0.016	0.09
S22038	0.12	0.04	29.9	10.1	30	0.65	11.8	1.89	4.27	-0.05	-0.02	0.02	0.012	0.04
S22039	0.08	0.13	32.4	8.2	33	0.63	13.2	2.6	5.45	-0.05	-0.02	0.02	0.016	0.05
S22040	0.09	0.08	34	14.3	32	0.59	17.6	2.65	5.17	-0.05	-0.02	0.02	0.015	0.06

Soil Sample Assay and Lithology

Gail Hill Prospect
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ident	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm
S22001	15.3	9.1	0.7	430	0.63	0.01	0.62	33.5	720	9.3	6	-0.001	0.04	0.79
S22002	24.1	12	0.96	762	0.99	-0.01	0.05	48.6	690	12.8	6.7	-0.001	-0.01	0.91
S22003	20.2	15.4	1.86	785	1.04	0.01	0.29	124.5	1380	10.4	7.9	-0.001	0.01	1.03
S22004	18.4	11.9	1.05	718	1.3	0.01	0.42	50	820	9.9	7.3	-0.001	0.01	1.75
S22005	29.6	7.9	0.64	487	0.93	-0.01	0.24	39	570	16.3	8.8	-0.001	-0.01	0.65
S22006	32	19.3	2.41	953	0.8	-0.01	0.27	135	1500	15.1	21.7	-0.001	-0.01	0.38
S22007	25.6	13.3	0.8	717	0.93	-0.01	0.2	37.2	510	24.3	9	-0.001	-0.01	0.32
S22008	31.7	12.3	0.92	608	0.63	0.01	0.33	46.5	690	10.4	6.7	-0.001	-0.01	0.5
S22009	27.9	15.8	1.54	718	1.27	-0.01	0.59	80.8	1520	17.5	17.2	-0.001	0.01	0.48
S22010	25.4	11.6	1.09	629	1.01	0.01	0.73	64.4	1390	15.9	10.9	-0.001	0.03	0.67
S22011	24.4	9.4	0.82	890	0.89	-0.01	0.37	44.7	1050	9.8	6.8	-0.001	0.02	0.47
S22012	17.7	9	0.92	464	0.7	0.01	0.43	50.1	1150	11.1	6.3	0.001	0.05	0.66
S22013	14	7.5	0.66	428	0.4	0.01	0.4	37.1	890	5	4.4	0.001	0.04	0.37
S22014	16.2	8	0.72	475	0.56	0.01	0.46	37.8	1140	7	4.9	-0.001	0.05	0.56
S22015	14.8	5.8	0.48	560	0.61	0.01	0.43	31	980	5.8	4.9	-0.001	0.04	0.7
S22016	19.4	8.1	0.68	622	0.81	-0.01	0.48	40.4	1080	7.2	5	-0.001	0.04	0.74
S22017	22.9	7.7	0.59	471	0.91	-0.01	0.45	32.2	880	7.7	5.4	-0.001	0.03	0.57
S22018	20.9	9.1	0.65	985	0.8	-0.01	0.41	46.7	1140	8.3	7.6	-0.001	0.02	0.6
S22019	17.5	9.3	0.76	975	1.02	0.01	0.43	50.1	1180	6.6	4.9	0.001	0.05	0.51
S22020	23.5	9.2	0.78	698	0.77	-0.01	0.33	53.4	1310	7.2	5.5	-0.001	0.01	0.59
S22021	24.2	8.7	0.74	768	0.83	0.01	0.3	51.7	1240	7.9	5.3	-0.001	0.02	0.5
S22022	23.4	11.5	1.06	689	0.85	-0.01	0.5	65.7	1210	7.7	5.7	-0.001	0.03	0.54
S22023	23.8	10.4	1.06	764	0.76	-0.01	0.39	68.4	1750	5.9	5.3	0.001	0.03	0.68
S22024	20.8	9.5	0.83	798	0.68	-0.01	0.4	58.7	1140	7.1	6.9	-0.001	0.03	0.41
S22025	14	13.2	0.53	380	0.6	0.01	0.52	23.4	410	8.1	8.5	-0.001	-0.01	0.39
S22026	8.9	10	0.45	243	0.52	-0.01	0.53	18.5	280	7.3	7.5	-0.001	-0.01	0.37
S22027	4.1	3	0.14	393	0.37	0.01	0.26	6.1	270	3.7	4.7	-0.001	-0.01	0.15
S22028	13.7	8.5	0.43	181	0.57	-0.01	0.66	18.1	310	5.8	10.6	-0.001	-0.01	0.35
S22029	11.5	10.6	0.45	353	0.75	-0.01	0.6	23.8	390	7.4	7.4	-0.001	-0.01	0.52
S22030	14.8	8.7	0.44	296	0.76	0.01	0.55	21.4	370	7.2	9.8	-0.001	0.01	0.39
S22031	17.1	14.7	1.62	671	0.59	0.01	0.75	132	1130	7.4	9.4	-0.001	0.02	0.41
S22032	6.4	24.3	2.47	714	0.55	0.01	0.54	111.5	1600	3.4	43.1	-0.001	0.01	0.31
S22033	18.7	13.7	1.93	936	0.74	0.01	0.51	135.5	1690	5.3	11	-0.001	0.02	0.89
S22034	18.8	16	1.99	641	0.62	0.01	0.4	131	1410	6.5	10.6	-0.001	0.01	0.83
S22035	18.3	13	1.59	459	0.69	0.01	0.34	98.7	1610	6.7	7.4	-0.001	0.01	0.62
S22036	18	13.3	1.64	1495	0.86	0.01	0.55	119	1620	7.4	8.7	-0.001	0.02	0.64
S22037	15	9.9	0.42	198	0.59	0.01	0.61	19.2	470	8.8	11	-0.001	0.01	0.96
S22038	14.3	6.4	0.38	627	0.59	0.01	0.53	20.7	420	6.1	8.5	-0.001	0.01	0.32
S22039	15.5	10.4	0.45	267	0.86	0.01	0.66	21.6	680	7.1	8.3	-0.001	0.01	0.46
S22040	16	9.4	0.48	523	0.82	0.01	0.73	25	640	7.2	9.8	-0.001	0.01	0.55

Soil Sample Assay and Lithology

Gail Hill Prospect
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Storm Exploration LLC

ident	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm
S22001	3	0.8	0.3	47.9	-0.01	0.04	2.3	0.022	0.05	1.22	29	0.1	8.3	47
S22002	4.1	0.4	0.2	50.5	-0.01	0.06	8.6	0.027	0.06	0.78	34	0.11	7.86	76
S22003	8.2	0.4	0.3	60.5	-0.01	0.06	5.1	0.042	0.09	0.59	77	0.07	11.9	89
S22004	7.4	0.6	0.3	38.1	-0.01	0.06	3.2	0.029	0.11	0.9	59	0.06	12.45	74
S22005	3.6	0.3	0.2	18.6	-0.01	0.09	9.1	0.017	0.05	0.88	30	0.08	7.78	64
S22006	15	0.4	0.4	30.1	-0.01	0.05	6.5	0.095	0.13	0.51	119	0.06	17.6	101
S22007	3.3	0.2	0.2	14	-0.01	0.2	9.8	0.021	0.04	0.66	27	0.09	6.27	65
S22008	6	0.4	0.3	22	-0.01	0.06	7.7	0.041	0.05	1.22	46	0.12	15.15	58
S22009	6.6	0.5	0.3	44.8	-0.01	0.11	7.7	0.045	0.11	0.89	68	0.08	12.7	85
S22010	6.9	0.5	0.3	50.2	-0.01	0.06	3.7	0.04	0.07	1.13	57	0.08	15.6	68
S22011	3.5	0.4	0.2	35.3	-0.01	0.06	3.8	0.021	0.05	1.74	37	0.1	8.91	57
S22012	4.1	1	0.2	69	-0.01	0.07	2.7	0.017	0.04	1.84	39	0.09	9.59	61
S22013	2.7	0.9	-0.2	51.6	-0.01	0.03	1.6	0.023	0.03	1.38	32	0.06	6.54	42
S22014	2.8	0.8	0.2	61.5	-0.01	0.05	2.1	0.016	0.04	2.03	34	0.13	8.55	51
S22015	2	0.7	-0.2	47.2	-0.01	0.05	1.6	0.018	0.04	1.52	27	0.16	7.99	35
S22016	3.3	0.5	0.2	49.9	-0.01	0.06	2.5	0.017	0.04	1.45	36	0.25	9.26	49
S22017	2.9	0.4	0.2	35.9	-0.01	0.05	2.7	0.013	0.04	2.09	34	0.31	8.91	42
S22018	3.2	0.4	0.3	37.3	-0.01	0.05	1.6	0.022	0.05	1.12	39	0.23	9.81	47
S22019	3.5	1.1	0.2	55.7	-0.01	0.06	2.6	0.017	0.04	2.56	36	0.13	8.3	53
S22020	4.2	0.4	0.2	30.6	-0.01	0.05	3.4	0.023	0.04	0.84	41	0.16	11.25	47
S22021	3.7	0.5	0.2	35.6	-0.01	0.05	3	0.017	0.04	0.91	36	0.12	10.75	58
S22022	5	0.6	0.2	53.5	-0.01	0.03	3.7	0.024	0.04	1.7	47	0.08	11.15	63
S22023	5.7	0.6	0.2	57.6	-0.01	0.04	3.1	0.023	0.04	2.11	56	0.07	11.2	71
S22024	3.4	0.6	0.2	35.8	-0.01	0.05	2.1	0.02	0.04	2.54	41	0.08	9.53	55
S22025	2.9	-0.2	0.4	13.6	-0.01	0.05	3.1	0.041	0.06	0.55	39	0.17	4.02	42
S22026	2.6	-0.2	0.4	12	-0.01	0.03	3.5	0.043	0.07	0.45	39	0.21	3.4	35
S22027	0.5	-0.2	0.2	6.5	-0.01	0.01	0.2	0.028	0.03	0.17	21	0.09	0.85	16
S22028	2	-0.2	0.4	7.9	-0.01	0.03	2	0.04	0.05	0.45	34	0.21	3.17	33
S22029	2.6	0.3	0.4	15.1	-0.01	0.04	2.6	0.032	0.06	0.57	36	0.21	3.8	39
S22030	1.5	0.2	0.2	16.9	-0.01	0.03	2.2	0.022	0.04	0.41	27	0.18	2.73	36
S22031	7.9	0.5	0.3	32.8	-0.01	0.03	2.7	0.051	0.06	0.63	75	0.11	9.52	60
S22032	6.8	0.3	0.3	28.8	-0.01	0.02	2	0.158	0.14	0.34	125	0.14	5.6	86
S22033	10.6	0.4	0.4	29.4	-0.01	0.03	2.5	0.063	0.09	0.51	93	0.15	14.35	73
S22034	10.2	0.3	0.4	25	-0.01	0.04	4.2	0.08	0.08	0.5	93	0.18	9.41	77
S22035	7.1	-0.2	0.3	26.4	-0.01	0.03	4.3	0.058	0.06	0.4	69	0.12	8.01	71
S22036	8.3	0.4	0.3	36.7	-0.01	0.04	2.8	0.054	0.07	0.96	76	0.11	12.35	70
S22037	2.2	0.2	0.4	13.8	-0.01	0.03	1.7	0.027	0.08	0.73	32	0.3	4.79	45
S22038	1.5	0.2	0.3	10	-0.01	0.04	1.2	0.032	0.05	0.46	35	0.25	2.89	27
S22039	2	0.2	0.5	8.2	-0.01	0.04	2.3	0.039	0.06	0.5	46	0.23	2.5	39
S22040	2	0.2	0.4	11.7	-0.01	0.08	2.6	0.04	0.06	0.62	42	0.28	2.58	42

Soil Sample Assay and Lithology

Gail Hill Prospect
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Storm Exploration LLC

ident	Zr ppm	Shape	Primary Lithology	Secondary Lithology	Auxilary Lithology	Additional Notes
S22001	4.4	Angular-subangular	Schist (oxidized fractures)			
S22002	6.1	Subrounded-rounded	Silicified slate with sulfides	Schist		
S22003	4.5	Subangular-subrounded	Schist			
S22004	4.1	Subrounded-rounded	Slate	Schist (oxidized fractures)		
S22005	5.8	Angular-subangular	Schist			
S22006	6	Angular-subangular	Biotite Schist			
S22007	6.9	Angular-subangular	Schist		Strongly oxidized schist	
S22008	3.2	Angular-subangular	Schist		Quartz (sulfides?)	
S22009	6.3	Angular-subangular	Schist			
S22010	4	Angular-subangular	Schist	Strongly oxidized Schist	Quartz (sulfides?)	
S22011	2.1	Subangular-subrounded				
S22012	3.8	Angular-subangular	Schist		Quartz	
S22013	2	Angular-subangular	Schist (oxidized fractures)			
S22014	3.1	Angular-subangular	Schist			
S22015	2.5	Angular-subangular	Schist			
S22016	2.9	Angular-subangular	Schist		Quartz	
S22017	2.2	Angular-subangular	Schist		Quartz	
S22018	1.2	Angular-subangular	Schist		Quartz	
S22019	3.1	Angular-subangular	Schist	Quartz		
S22020	1.6	Angular-subangular	Schist	Schist (oxidized fractures)	Quartz	
S22021	2	Angular-subangular	Schist	Silicified Schist	Quartz	
S22022	4.2	Angular-subangular	Schist		Quartz	one rounded piece (slate)
S22023	2.4	Angular-subangular	Schist	Quartz vein in schist		
S22024	2.1	Angular-subangular	Schist			
S22025	0.6	Angular-subangular	Schist		Quartz in Schist veining	
S22026	1.9	Angular-subangular	Schist		Quartz	
S22027	-0.5	Angular-subangular	Schist			
S22028	-0.5	Angular-subangular	Schist		Quartz	
S22029	0.7	Angular-subangular	Schist			
S22030	0.9	Angular-subangular	Schist			
S22031	2.1	Subangular-subrounded	Schist			
S22032	1.3	Angular-subangular	Schist		Intrusive	
S22033	1.4	Angular-subangular	Strongly oxidized Schist			
S22034	1.4	Angular-subangular	Schist		Quartz	
S22035	1.3	Angular-subangular	Schist			Few pieces strongly oxidized throughout
S22036	1.9	Angular-subangular	Schist	Slate	Quartz	
S22037	-0.5	Angular-subangular	Schist			
S22038	-0.5	Angular-subangular	Schist		Quartz with sulfide	
S22039	-0.5	Subangular-subrounded	Schist	Intrusive	Quartz	
S22040	-0.5	Subangular-subrounded	Schist		Quartz	

Soil Sample Assay and Lithology

Gail Hill Prospect
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Storm Exploration LLC

ident	Latitude	Longitude	y_proj	x_proj	alt	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm
S22041	61.337766	-134.294754	6800614.004	537737.6136	1346.28	0.005	0.06	1.1	10	-10	50	0.26	0.21
S22042	61.337677	-134.295647	6800603.575	537689.9376	1343.03	0.005	0.03	1.4	8.4	-10	70	0.34	0.25
S22043	61.337654	-134.296668	6800600.425	537635.3329	1340.34	0.003	0.03	1.37	7.1	-10	70	0.26	0.23
S22044	61.337508	-134.297536	6800583.662	537589.0624	1331.17	0.003	0.05	1.34	14	-10	90	0.35	0.24
S22045	61.33748	-134.298412	6800580.04	537542.2222	1322.18	0.002	0.04	1.24	5.7	-10	70	0.28	0.21
S22046	61.337389	-134.299366	6800569.355	537491.2834	1316.78	0.004	0.03	1.44	8.7	-10	110	0.3	0.23
S22047	61.336789	-134.30778	6800497.722	537041.7664	1237.26	0.008	0.09	1.2	15.3	-10	110	0.33	0.19
S22048	61.3368	-134.306895	6800499.449	537089.1099	1244.19	0.016	0.08	1.3	17.2	-10	110	0.35	0.2
S22049	61.336902	-134.305861	6800511.398	537144.3186	1265.89	0.006	0.2	0.83	5.9	-10	70	0.2	0.16
S22050	61.336964	-134.304975	6800518.809	537191.6549	1279.65	0.004	0.03	1.14	7.8	-10	80	0.22	0.12
S22051	61.337005	-134.303952	6800523.959	537246.3467	1286.66	0.001	0.08	0.34	1.2	-10	50	0.11	0.08
S22052	61.337126	-134.303039	6800537.957	537295.0573	1296.36	0.001	0.03	3.46	6.6	-10	330	1.02	0.1
S22053	61.33715	-134.302203	6800541.108	537339.7627	1288.72	0.01	0.05	1.14	4.2	-10	100	0.28	0.19
S22054	61.337211	-134.301311	6800548.413	537387.4204	1295.52	0.004	0.11	1.42	11.2	-10	100	0.4	0.19
S22055	61.33735	-134.300339	6800564.453	537439.2657	1304.64	0.001	0.03	1.25	8.2	-10	90	0.23	0.2
S22056	61.344727	-134.299154	6801386.825	537493.8539	1386.98	-0.001	0.05	0.32	1	-10	70	0.08	0.09
S22057	61.344621	-134.299987	6801374.54	537449.4179	1376.62	0.002	0.03	1.2	13.7	-10	90	0.29	0.17
S22058	61.344517	-134.300944	6801362.408	537398.3455	1375.82	0.004	0.06	1.21	22.5	-10	80	0.3	0.2
S22059	61.344458	-134.301878	6801355.301	537348.4496	1375.33	0.003	0.15	1.24	9.8	-10	80	0.37	0.23
S22060	61.344398	-134.302709	6801348.143	537304.065	1376.78	0.004	0.06	0.95	12.5	-10	90	0.22	0.21
S22061	61.344329	-134.30367	6801339.909	537252.7362	1374.11	0.003	0.09	1.3	17.8	-10	60	0.36	0.24
S22062	61.344215	-134.304571	6801326.697	537204.6704	1370.55	0.004	0.1	1.46	14.4	-10	90	0.42	0.23
S22063	61.3442	-134.305574	6801324.455	537151.0302	1371.84	0.017	0.07	1.24	23.4	-10	60	0.32	0.22
S22064	61.344104	-134.306447	6801313.266	537104.4405	1374.67	0.005	0.05	1.36	12.3	-10	60	0.38	0.2
S22065	61.344034	-134.307318	6801304.974	537057.9268	1367.41	0.006	0.07	1.34	10.6	-10	100	0.36	0.18
S22066	61.343966	-134.30825	6801296.871	537008.1471	1366.99	0.002	0.03	1.1	9.6	-10	70	0.27	0.19
S22067	61.343901	-134.309158	6801289.117	536959.6476	1369.17	0.003	0.04	1.27	13.4	-10	110	0.28	0.19
S22068	61.343872	-134.310079	6801285.365	536910.4101	1361.43	0.004	0.04	1.6	11.5	-10	120	0.47	0.18
S22069	61.343756	-134.311053	6801271.894	536858.4393	1346.31	0.006	0.08	1.11	8.5	-10	80	0.23	0.17
S22070	61.343669	-134.311862	6801261.747	536815.2613	1333.29	0.005	0.09	1.36	15.5	-10	140	0.41	0.17
S22071	61.343612	-134.312955	6801254.783	536756.8543	1345.06	0.002	0.06	1.15	10.6	-10	90	0.27	0.18
S22072	61.332427	-134.315799	6800007.334	536617.7594	1129.98	0.001	0.07	1.01	4.8	-10	130	0.21	0.14
S22073	61.332412	-134.317532	6800004.693	536525.0308	1146.05	0.002	0.14	1.22	7.3	-10	250	0.41	0.17
S22074	61.332176	-134.319531	6799977.289	536418.3229	1156.74	0.002	0.04	1.24	4.8	-10	150	0.27	0.17
S22075	61.332164	-134.321326	6799974.953	536322.2719	1168.59	0.003	0.08	0.94	10.3	-10	60	0.39	0.15
S22076	61.331977	-134.323127	6799953.123	536226.1016	1172.23	0.002	0.1	1.43	8.7	-10	150	0.55	0.17
S22077	61.333577	-134.325608	6800129.967	536091.4817	1173.08	0.002	0.05	1.14	7	-10	110	0.19	0.19

Soil Sample Assay and Lithology

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ident	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
S22041	0.09	0.05	45.2	9.9	35	0.64	19	2.57	3.89	0.05	0.02	0.02	0.014	0.06
S22042	0.25	0.05	61.7	14.7	53	0.77	27.9	2.99	4.4	0.06	0.03	0.02	0.017	0.05
S22043	0.16	0.03	43.3	10.6	46	0.51	18.5	2.74	4.79	0.05	-0.02	0.01	0.015	0.05
S22044	0.22	0.05	40	11.4	47	0.79	22.4	2.74	4.62	-0.05	-0.02	0.02	0.019	0.06
S22045	0.25	0.05	38.4	10.1	42	0.65	18.9	2.43	4.13	-0.05	-0.02	0.02	0.015	0.07
S22046	0.28	0.03	44.9	13.8	41	0.66	25.2	2.84	4.45	0.05	0.02	0.02	0.018	0.05
S22047	0.41	0.08	43.1	13	31	0.93	33.3	2.74	3.65	0.05	0.03	0.03	0.016	0.09
S22048	0.44	0.12	43	14.9	43	0.72	33	3.07	4.22	0.05	0.05	0.04	0.019	0.1
S22049	0.07	0.08	22	9.1	17	0.54	12.4	1.82	2.99	-0.05	0.02	0.02	0.011	0.04
S22050	0.31	0.04	30.1	9.2	38	0.46	16.8	2.23	3.85	-0.05	-0.02	0.02	0.013	0.04
S22051	0.15	0.01	11.7	2.4	5	0.19	11.1	0.77	1.5	-0.05	-0.02	0.02	0.005	0.02
S22052	0.62	0.04	32	42.6	139	5.78	75	7.21	14.85	0.08	0.05	0.02	0.053	0.75
S22053	0.28	0.01	48.7	10.6	43	0.51	24.7	2.57	3.5	0.05	0.02	0.03	0.012	0.04
S22054	0.2	0.04	33.1	12	55	0.76	21.3	2.75	4.31	-0.05	0.02	0.03	0.02	0.05
S22055	0.16	0.06	31.3	10.1	47	0.61	14.8	2.54	4.83	-0.05	0.02	0.01	0.015	0.04
S22056	0.05	0.14	7.96	1.6	6	0.57	10.4	0.59	2.28	-0.05	-0.02	0.03	0.005	0.03
S22057	0.23	0.06	30.8	9.3	29	0.78	15.8	2.41	3.84	-0.05	0.02	0.01	0.013	0.06
S22058	0.15	0.1	29	8.6	26	0.96	13.7	2.28	3.96	-0.05	-0.02	0.02	0.017	0.06
S22059	0.16	0.12	23.5	6	26	0.93	11.3	2.19	4.71	-0.05	-0.02	0.02	0.016	0.07
S22060	0.18	0.04	32.7	7.5	21	0.65	14	2.06	3.63	-0.05	-0.02	0.02	0.011	0.08
S22061	0.14	0.05	31.3	10	27	0.96	17.8	2.38	3.25	-0.05	0.02	0.02	0.015	0.07
S22062	0.15	0.05	32.3	10.3	31	0.97	17.1	2.48	3.58	-0.05	0.03	0.03	0.017	0.06
S22063	0.12	0.05	38.6	9.8	29	0.58	18.1	2.84	3.62	-0.05	0.02	0.02	0.015	0.05
S22064	0.11	0.04	40	9.9	30	0.59	19.8	2.29	3.14	-0.05	0.04	0.03	0.015	0.04
S22065	0.19	0.04	41.8	10	33	0.66	19.6	2.33	4.05	-0.05	0.02	0.02	0.015	0.04
S22066	0.15	0.03	29.1	9.4	32	0.7	14.6	2.37	4.01	-0.05	-0.02	0.01	0.016	0.06
S22067	0.12	0.03	32.6	11.8	53	0.49	21.2	2.98	5.45	-0.05	-0.02	0.01	0.022	0.05
S22068	0.22	0.03	34.1	16.3	107	1.28	31	3.2	6.3	-0.05	0.02	0.01	0.029	0.04
S22069	0.18	0.05	35.5	9.3	44	0.47	16.6	2.56	4.78	-0.05	-0.02	0.01	0.016	0.05
S22070	0.41	0.06	48.7	16	63	0.65	33.9	3.31	5.36	0.06	0.03	0.05	0.022	0.05
S22071	0.14	0.08	27.2	8.1	30	0.65	14.6	2.24	5.13	-0.05	0.02	0.02	0.017	0.04
S22072	0.25	0.1	15.95	6.4	24	0.59	9.5	1.72	4.18	-0.05	-0.02	0.01	0.013	0.06
S22073	0.45	0.08	26.7	8.8	33	0.62	21.8	2.16	3.92	-0.05	0.02	0.04	0.017	0.05
S22074	0.21	0.07	18.15	7.1	27	0.62	9	1.87	4.7	-0.05	0.04	0.01	0.015	0.03
S22075	0.15	0.05	34.8	9.3	41	0.33	20.2	2.52	2.52	-0.05	0.17	0.02	0.02	0.05
S22076	0.34	0.1	42.5	8.2	32	0.46	16	2.57	4.23	-0.05	0.18	0.02	0.021	0.07
S22077	0.16	0.15	19.2	5.7	24	0.59	8.5	1.85	5.07	-0.05	-0.02	0.01	0.013	0.03

Soil Sample Assay and Lithology

Gail Hill Prospect
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Storm Exploration LLC

ident	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm
S22041	21.4	9.1	0.49	307	0.6	0.01	0.54	27	380	7.7	6.9	-0.001	0.01	0.53
S22042	25.5	11.8	0.76	509	0.57	0.01	0.33	48	620	7.1	7.4	-0.001	0.01	0.54
S22043	20.1	11.5	0.68	314	0.58	0.01	0.44	35.3	360	6.4	6.9	-0.001	0.01	0.39
S22044	19	13.6	0.64	421	0.7	0.01	0.57	36.8	560	7.7	8.5	-0.001	0.01	0.62
S22045	18.2	11.7	0.6	320	0.53	0.01	0.43	33.2	550	4.8	8.2	-0.001	0.01	0.38
S22046	20.5	14.4	0.79	393	0.59	0.01	0.4	37.4	660	7.3	7.6	-0.001	0.01	0.65
S22047	21	10.4	0.72	525	0.54	0.01	0.29	31.6	950	7.6	8	-0.001	0.01	1.27
S22048	20.3	10.4	0.8	573	0.68	0.01	0.3	43.3	980	9.4	8.3	-0.001	0.01	1.41
S22049	9.1	4.4	0.26	594	0.46	0.01	0.27	17.3	390	8.3	3.9	-0.001	0.01	0.4
S22050	14.8	9.3	0.7	277	0.48	0.01	0.34	32.2	1020	6.1	5.1	-0.001	0.01	0.57
S22051	5.5	1.1	0.09	63	0.24	0.02	0.18	4.3	370	1.7	1.6	-0.001	0.01	0.1
S22052	10.7	24.5	2.8	935	0.45	-0.01	0.11	129.5	1260	5.2	49.8	-0.001	0.01	0.36
S22053	25	8.9	0.62	270	0.42	0.01	0.15	37.1	660	3.9	4.6	-0.001	0.01	0.4
S22054	15.5	12.6	0.71	353	0.66	0.01	0.47	41.6	490	7.8	6.7	-0.001	0.01	0.66
S22055	14.7	11.3	0.6	269	0.63	0.01	0.49	34.3	820	6.1	7	-0.001	0.01	0.55
S22056	4	1	0.06	88	0.33	0.01	0.14	3.7	260	4	5	-0.001	0.01	0.12
S22057	14.7	10.3	0.53	300	0.56	0.01	0.47	22.6	720	6.4	9.1	-0.001	-0.01	0.84
S22058	12	11.7	0.44	379	0.52	0.01	0.72	18.9	620	7.5	8.8	-0.001	0.01	0.74
S22059	10.9	10.6	0.41	285	0.64	0.01	0.88	14.6	970	7.7	17	-0.001	0.01	0.42
S22060	15.3	7.3	0.36	523	0.6	0.01	0.61	16	680	6.3	11	-0.001	0.01	0.59
S22061	14.8	13.1	0.5	237	0.5	0.01	0.6	26.3	470	7.2	7.5	-0.001	0.01	0.84
S22062	14.9	13.4	0.5	290	0.57	0.01	0.71	24.5	410	6.9	7.9	-0.001	0.01	0.89
S22063	18.6	13	0.54	218	0.72	0.01	0.5	26.1	380	7.6	6.5	-0.001	0.01	1.08
S22064	18.1	10.1	0.5	246	0.47	0.01	0.45	29.1	260	8.1	4.7	-0.001	0.01	0.71
S22065	20.5	10.2	0.57	401	0.53	0.01	0.46	25.9	590	6.8	7.5	-0.001	0.01	0.6
S22066	13.1	11	0.53	287	0.58	0.01	0.48	26.9	460	6.4	11.2	-0.001	0.01	0.53
S22067	16	10.1	0.73	297	0.76	0.01	0.6	46.1	230	6.8	9.5	-0.001	0.01	0.74
S22068	15.1	13.2	0.99	401	0.68	0.01	0.7	60.8	490	6.4	6.7	-0.001	0.01	0.57
S22069	17	8.8	0.65	181	0.65	0.01	0.62	37.6	580	6.1	8.4	-0.001	0.02	0.43
S22070	26.1	9.9	0.91	543	0.8	0.01	0.27	66.1	1180	7.3	5.6	-0.001	0.01	0.8
S22071	13.1	8.2	0.39	283	0.79	0.01	0.71	24.7	480	7.8	7.5	-0.001	0.01	0.6
S22072	7.4	10.1	0.41	213	0.46	0.01	0.77	26.9	230	5.8	9	-0.001	0.01	0.34
S22073	13.7	10.7	0.54	463	0.42	0.01	0.79	29.8	520	7.2	6.9	-0.001	0.01	0.44
S22074	9	9.4	0.45	223	0.45	0.01	0.79	18.2	150	7.6	5.4	-0.001	-0.01	0.3
S22075	15.3	5.3	0.45	283	0.87	0.01	0.27	32.6	160	23.9	5.8	-0.001	-0.01	0.98
S22076	17.9	8	0.42	181	0.77	0.01	0.61	25.7	100	9.7	8.8	-0.001	0.01	0.72
S22077	8.8	12.4	0.41	156	0.61	0.01	0.81	16.8	240	8.6	6.1	-0.001	0.01	0.42

ident	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm
S22041	1.9	-0.2	0.3	7.6	-0.01	0.03	4.7	0.037	0.05	0.69	33	0.15	3.59	41
S22042	3.4	0.2	0.3	14.8	-0.01	0.03	6.7	0.029	0.04	0.78	36	0.17	6.45	52
S22043	2.3	0.2	0.3	10.3	-0.01	0.03	4.1	0.024	0.05	0.52	38	0.13	3.76	46
S22044	2.3	0.2	0.4	13	-0.01	0.03	2.2	0.03	0.05	0.68	39	0.17	4.9	44
S22045	1.9	0.2	0.3	14.6	-0.01	0.03	1.8	0.028	0.05	0.49	35	0.14	4.25	41
S22046	3.2	-0.2	0.3	17	-0.01	0.04	4.7	0.028	0.05	0.62	40	0.14	4.25	49
S22047	3.9	0.2	0.2	18.8	-0.01	0.05	5.3	0.031	0.06	0.62	36	0.2	8.11	54
S22048	4.1	0.3	0.2	18.6	-0.01	0.05	4.4	0.026	0.05	0.56	40	0.13	8.13	62
S22049	1	0.2	0.2	6.8	-0.01	0.05	1.1	0.015	0.03	0.37	24	0.11	2.12	31
S22050	2.4	0.2	0.2	16	-0.01	0.03	2.8	0.024	0.04	0.37	34	0.11	4.94	39
S22051	0.5	-0.2	-0.2	10.2	-0.01	-0.01	0.3	0.02	-0.02	0.25	13	-0.05	1.86	11
S22052	11.8	0.2	0.4	26.5	-0.01	0.03	3.4	0.222	0.23	0.41	170	0.08	5.52	101
S22053	2.4	0.3	0.2	12.7	-0.01	0.02	6	0.017	0.04	0.49	28	0.05	6.07	44
S22054	2.9	0.2	0.3	11.8	-0.01	0.04	3.8	0.03	0.05	0.59	40	0.18	4.28	45
S22055	2.1	-0.2	0.3	11.4	-0.01	0.03	2.9	0.028	0.04	0.41	42	0.26	2.82	44
S22056	0.1	0.2	0.3	6.7	-0.01	0.01	-0.2	0.009	0.03	0.31	13	0.08	0.86	21
S22057	2.4	-0.2	0.3	13.3	-0.01	0.03	4.1	0.032	0.05	0.49	36	0.24	3.91	37
S22058	2.1	0.2	0.4	10.8	-0.01	0.05	2.7	0.035	0.07	0.56	35	0.28	3.54	38
S22059	2.3	0.2	0.4	11.2	-0.01	0.03	2.6	0.046	0.06	0.62	41	0.32	3.54	44
S22060	1.8	0.2	0.3	13.5	-0.01	0.06	3.8	0.04	0.06	0.56	31	0.29	3.5	29
S22061	2	0.3	0.3	11	-0.01	0.05	4.2	0.025	0.06	0.57	28	0.32	3.76	37
S22062	2.5	0.3	0.3	11.6	-0.01	0.07	4.6	0.033	0.07	0.65	35	0.33	3.71	38
S22063	2	0.2	0.2	10.4	-0.01	0.08	3.4	0.02	0.05	0.54	32	0.25	3.19	39
S22064	2.3	0.2	0.3	8.6	-0.01	0.04	5.2	0.026	0.06	0.62	29	0.16	4.45	35
S22065	3	0.2	0.3	12.6	-0.01	0.03	3.6	0.027	0.06	0.7	35	0.18	6.41	37
S22066	2	0.2	0.3	11	-0.01	0.04	1.6	0.028	0.05	0.43	36	0.28	2.91	33
S22067	2.7	-0.2	0.3	9.7	-0.01	0.05	2.3	0.03	0.06	0.4	49	0.15	3.48	39
S22068	3.6	0.2	0.4	12.6	-0.01	0.03	3.2	0.035	0.07	0.44	62	0.19	3.71	43
S22069	2.2	0.2	0.3	14.8	-0.01	0.06	2.6	0.024	0.05	0.41	39	0.21	3.4	36
S22070	5.3	0.3	0.3	22.9	-0.01	0.04	5.1	0.032	0.06	0.75	47	0.14	12.55	53
S22071	2.2	0.3	0.4	10.8	-0.01	0.02	2.9	0.035	0.06	0.43	40	0.19	2.8	36
S22072	2.1	-0.2	0.4	13	-0.01	0.02	1.7	0.047	0.06	0.35	36	0.22	2.45	28
S22073	3.3	0.3	0.4	17.7	-0.01	0.02	2.2	0.037	0.06	0.86	34	0.19	8.78	36
S22074	2.5	-0.2	0.5	12.4	-0.01	0.02	2.9	0.037	0.07	0.4	38	0.2	2.53	34
S22075	3.7	0.3	0.2	8.9	-0.01	0.03	4.8	0.014	0.05	0.66	28	0.1	5.79	36
S22076	6.2	0.4	0.4	13.1	-0.01	0.03	5.7	0.029	0.08	0.53	40	0.16	13.4	31
S22077	2	-0.2	0.5	10.3	-0.01	0.03	2.4	0.037	0.06	0.35	41	0.25	2.45	29

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ident	Zr ppm	Shape	Primary Lithology	Secondary Lithology	Auxilary Lithology	Additional Notes
S22041	1	Angular-subangular	Schist			
S22042	1.3	Angular-subangular	Schist			
S22043	0.7	Angular-subangular	Schist			
S22044	-0.5	Angular-subangular	Schist		Quartz	
S22045	-0.5	Subangular-subrounded	Schist		Quartz	
S22046	0.8	Subangular-subrounded	Schist		Quartz in Schist	
S22047	1.3	Angular-subangular	Schist		Quartz	
S22048	1.9	Subangular-subrounded	Schist			
S22049	0.6	Angular-subangular	Schist			Few strongly oxidized pieces
S22050	0.6	Subangular-subrounded	Schist/Slate		Quartz	
S22051	-0.5	Angular-subangular	Schist			
S22052	2.4	Subangular-subrounded	Schist	Slate	Quartz	
S22053	1.3	Angular-subangular	Schist			
S22054	1	Subangular-subrounded	Schist			
S22055	0.9	Subangular-subrounded	Intrusive			
S22056	-0.5	Angular-subangular	Schist	Quartz vein in schist		
S22057	1.3	Subangular-subrounded	Schist		Quartz	
S22058	0.5	Subangular-subrounded	Schist			
S22059	0.6	Subangular-subrounded	Silicified Schist	Quartz vein in schist		
S22060	0.7	Subangular-subrounded	Schist			
S22061	0.9	Subangular-subrounded	Schist		Quartz	
S22062	1.4	Subangular-subrounded	Schist			
S22063	0.7	Angular-subangular	Schist		Quartz	
S22064	1.8	Angular-subangular	Schist		Quartz	
S22065	0.6	Subangular-subrounded	Schist/Slate		Quartz	
S22066	-0.5	Subangular-subrounded	Schist			Subangular rocks are schist, rounded rocks are trasnported
S22067	-0.5	Angular-subangular	Schist		Quartz	some strongly oxidized pieces
S22068	1	Subangular-subrounded	Schist		Quartz	rounded piece looks intrusive
S22069	0.6	Angular-subangular	Schist			
S22070	1.3	Angular-subangular	Schist		Few Quartz + intrusive (gabbro)	
S22071	0.9	Angular-subangular	Schist			
S22072	0.6	Subangular-subrounded	Silicified Schist	Quartz		
S22073	0.8	Subangular-subrounded	Schist			
S22074	1.7	Subangular-subrounded	Silicified Schist			
S22075	8.2	Angular-subangular	Silicified Schist	Quartz		
S22076	7.7	Angular-subangular	Schist	Quartz		
S22077	0.6	Subangular-subrounded	Schist/Slate		Quartz	

ident	Latitude	Longitude	y_proj	x_proj	alt	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm
S22078	61.333745	-134.323751	6800149.707	536190.6666	1193.7	-0.001	0.18	0.83	1.8	-10	220	0.24	0.24
S22079	61.333837	-134.321917	6800160.973	536288.7075	1224.43	0.001	0.05	1.15	4.9	-10	130	0.28	0.15
S22080	61.334054	-134.320093	6800186.158	536386.0677	1209.06	0.001	0.56	0.59	7.4	-10	50	0.12	0.15
S22081	61.334145	-134.318331	6800197.278	536480.2551	1187.28	0.001	0.08	1.31	11.5	-10	120	0.33	0.19
S22082	61.334268	-134.31647	6800212.019	536579.7025	1167.4	0.003	0.11	1.22	10.6	-10	180	0.39	0.17
S22083	61.336043	-134.317084	6800409.385	536544.7768	1201.25	0.006	0.12	1.1	18	-10	110	0.34	0.23
S22084	61.335767	-134.31872	6800377.728	536457.5528	1226.7	0.002	0.17	1.45	14.8	-10	80	0.34	0.19
S22085	61.335761	-134.320707	6800375.952	536351.2315	1246.9	0.003	0.27	1.1	29.6	-10	160	0.65	0.28
S22086	61.335585	-134.322504	6800355.349	536255.2738	1236.87	0.001	0.11	1.11	9.2	-10	140	0.41	0.16
S22087	61.335443	-134.324351	6800338.508	536156.6003	1213.26	0.001	0.05	1.25	10.7	-10	100	0.33	0.18
S22088	61.336267	-134.290606	6800449.442	537961.3805	1290.88	0.009	0.07	1.17	10.4	-10	70	0.32	0.22
S22089	61.336223	-134.291564	6800443.984	537910.1702	1284.61	0.021	0.08	1.35	13.2	-10	60	0.31	0.29
S22090	61.336113	-134.292567	6800431.15	537856.6314	1287.47	0.006	0.07	1.27	6.8	-10	70	0.34	0.22
S22091	61.336037	-134.293625	6800422.072	537800.1081	1286.7	0.011	0.12	1.34	8.7	-10	90	0.38	0.24
S22092	61.335963	-134.294525	6800413.309	537752.0369	1284.27	0.01	0.19	1.61	7.4	-10	60	0.42	0.21
S22093	61.335893	-134.295427	6800404.99	537703.8537	1277.31	0.008	0.06	1.11	6.8	-10	70	0.31	0.22
S22094	61.335803	-134.296321	6800394.45	537656.1224	1269.93	0.006	0.06	1.2	8	-10	90	0.36	0.25
S22095	61.335764	-134.297415	6800389.475	537597.6272	1276.2	0.007	0.07	1.25	8.3	-10	100	0.37	0.24
S22096	61.335664	-134.298327	6800377.812	537548.9441	1268.43	0.008	0.05	1.24	7.3	-10	120	0.35	0.29
S22097	61.335604	-134.299295	6800370.573	537497.2162	1266.9	0.004	0.06	0.7	7.5	-10	70	0.2	0.13
S22098	61.335488	-134.300331	6800357.057	537441.9161	1266.13	0.004	0.1	1.36	13	-10	150	0.36	0.19
S22099	61.335423	-134.301239	6800349.297	537393.4044	1265.49	0.001	0.03	3.51	5.9	-10	370	1.27	0.05
S22100	61.335339	-134.302176	6800339.404	537343.3633	1264.59	0.01	0.05	1.46	22.1	-10	90	0.44	0.17
S22101	61.335282	-134.303063	6800332.549	537295.9654	1264.28	0.035	0.16	2.3	16.3	-10	280	1.1	0.13
S22102	61.335197	-134.304035	6800322.526	537244.0519	1258.21	0.01	0.09	1.22	38.2	-10	100	0.36	0.25
S22103	61.33517	-134.305013	6800318.961	537191.7484	1245.51	0.03	0.07	1.4	26.7	-10	80	0.37	0.19
S22104	61.33509	-134.306125	6800309.417	537132.3367	1233.51	0.005	0.14	1.4	22.3	-10	80	0.35	0.2
S22105	61.335001	-134.3071	6800298.95	537080.2667	1223.03	0.004	0.21	1.38	42.4	-10	70	0.36	0.25
S22106	61.334908	-134.307962	6800288.102	537034.2481	1212.82	0.005	0.1	1.39	15.6	-10	90	0.36	0.19
S22107	61.334868	-134.308809	6800283.166	536988.9695	1199.73	0.012	0.17	2.37	50	-10	90	0.57	0.12
S22108	61.334813	-134.309813	6800276.472	536935.3068	1185.79	0.001	0.14	1.43	20.7	-10	90	0.35	0.11
S22109	61.332986	-134.308874	6800073.502	536987.7099	1160.76	0.009	0.11	1.9	7.8	-10	110	0.4	0.16
S22110	61.333152	-134.307626	6800092.699	537054.3026	1162.51	-0.001	0.06	1.1	6.3	-10	70	0.27	0.17

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ident	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
S22078	0.12	0.29	36.4	10	11	0.43	21.5	1.98	4.26	-0.05	0.02	0.04	0.009	0.04
S22079	0.26	0.05	16.8	6.3	26	0.44	8.8	1.77	4.1	-0.05	0.04	0.01	0.015	0.03
S22080	0.11	0.15	13.75	2.8	12	0.33	8.3	1.14	3.97	-0.05	-0.02	0.02	0.008	0.04
S22081	0.3	0.06	24.7	8.8	30	0.7	15.4	2.31	4.59	-0.05	-0.02	0.02	0.018	0.05
S22082	0.33	0.08	33	10.2	36	0.79	21.1	2.35	4.09	-0.05	-0.02	0.03	0.016	0.05
S22083	0.27	0.07	43.3	13.4	34	0.52	34.8	2.99	3.58	0.06	0.04	0.1	0.017	0.06
S22084	0.13	0.05	31.7	11.2	36	0.46	28.6	2.86	4.28	-0.05	0.02	0.02	0.017	0.05
S22085	1.7	0.32	40.6	13.2	24	0.22	32	4.62	3.28	0.07	0.11	0.05	0.028	0.04
S22086	0.37	0.08	25.9	8.7	29	0.43	16.2	2.24	3.64	-0.05	0.03	0.03	0.016	0.04
S22087	0.19	0.03	26.9	9.6	30	0.55	14.1	2.38	3.89	-0.05	0.02	0.02	0.018	0.06
S22088	0.29	0.05	62.4	15.4	48	0.62	34.4	3.12	4.42	0.07	-0.02	0.05	0.018	0.04
S22089	0.14	0.05	55	14	36	0.45	35.3	3.38	4.59	0.05	0.03	0.02	0.017	0.05
S22090	0.4	0.06	62.4	16.4	54	0.57	34.1	3.01	4.91	0.06	0.03	0.05	0.021	0.04
S22091	0.44	0.06	64.6	16.3	52	0.7	35.1	3.09	4.94	0.07	0.05	0.08	0.021	0.06
S22092	0.68	0.09	52.1	21.1	122	0.65	40.6	3.49	5.76	0.06	0.07	0.09	0.025	0.05
S22093	0.34	0.03	63.2	13	49	0.57	26.7	2.92	4.17	0.06	0.02	0.03	0.018	0.04
S22094	0.31	0.03	72.6	13.6	41	0.5	30.5	3.02	4.22	0.07	-0.02	0.04	0.016	0.04
S22095	0.34	0.04	73.4	15.6	41	0.51	27.7	3.02	4.35	0.07	0.02	0.06	0.017	0.04
S22096	0.2	0.02	83.1	15.4	45	0.51	29.4	3.09	4.36	0.08	-0.02	0.04	0.016	0.04
S22097	0.18	0.03	67.5	9.5	30	0.48	18	2.25	2.97	0.06	-0.02	0.1	0.012	0.05
S22098	0.34	0.04	37.4	15.3	68	0.87	27.9	2.92	5.84	0.05	-0.02	0.06	0.022	0.05
S22099	0.92	0.04	29.5	50.6	200	6.71	66.4	7.31	18.75	0.09	0.03	0.07	0.071	0.79
S22100	0.37	0.07	53.5	18.5	51	0.6	39.4	3.65	5.48	0.08	0.02	0.04	0.025	0.07
S22101	1.83	0.14	37.8	43.3	240	3.96	62.9	5.9	13.45	0.09	0.04	0.08	0.056	0.39
S22102	0.31	0.07	42	15.7	42	0.53	49.9	3.39	4.14	0.05	0.02	0.07	0.02	0.07
S22103	0.18	0.07	34.5	14.7	41	0.57	35.7	3.3	4.1	0.05	0.02	0.03	0.023	0.06
S22104	0.19	0.09	30	13.5	37	0.69	28.5	3.07	4.14	-0.05	0.04	0.02	0.022	0.07
S22105	0.27	0.09	28	16.6	49	0.68	33.2	4.12	5.31	-0.05	0.02	0.03	0.036	0.09
S22106	0.24	0.05	26.2	10.2	37	0.82	21.3	2.52	4.4	-0.05	0.05	0.02	0.018	0.05
S22107	1.6	0.15	60.4	45.7	89	0.98	74.1	7.83	9.61	0.12	0.08	0.14	0.064	0.08
S22108	0.9	0.1	26.6	17	44	0.48	33.8	3.38	5.01	-0.05	0.06	0.05	0.026	0.04
S22109	0.3	0.08	31.2	14.6	63	0.79	21.5	3.29	6.27	-0.05	0.02	0.01	0.026	0.06
S22110	0.32	0.06	21.6	7.2	28	0.71	15	2.08	3.78	-0.05	-0.02	0.01	0.014	0.05

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ident	La ppm	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm
S22078	18.7	9.6	0.17	220	0.72	0.02	0.49	13.7	330	7	6.9	-0.001	0.02	0.35
S22079	7.9	8.6	0.44	293	0.34	0.01	0.81	15.8	100	6.5	4.6	-0.001	0.01	0.27
S22080	6.5	3.6	0.15	88	0.8	0.01	0.74	7.7	200	6.3	6.7	-0.001	0.01	0.34
S22081	11.9	12.5	0.53	377	0.64	0.01	0.66	24.5	430	10.7	6.6	-0.001	0.01	0.6
S22082	16.7	10	0.57	461	0.61	0.01	0.54	31.3	590	8.4	6.7	-0.001	0.01	0.72
S22083	22.5	9.2	0.55	525	1.44	0.01	0.29	42.1	620	12.9	6.4	-0.001	0.01	1.08
S22084	15.9	12.1	0.61	286	1.13	0.01	0.31	38.3	260	9.8	5.7	-0.001	0.01	0.91
S22085	22.3	7.2	1.31	1290	1.64	0.01	0.26	38.8	350	37.3	6.9	-0.001	0.02	1
S22086	13.1	8.8	0.51	439	0.56	0.01	0.42	26.2	400	8.5	4.1	-0.001	0.01	0.66
S22087	10.5	11.1	0.54	334	0.68	0.01	0.58	24.8	190	9.8	7.8	-0.001	0.01	0.96
S22088	30.5	10.4	0.76	578	0.74	0.01	0.19	52.1	1080	6	4.8	-0.001	0.01	0.74
S22089	25.6	12.6	0.64	458	1.91	0.01	0.3	42.3	550	5	5.3	0.001	0.03	0.48
S22090	30.1	11.6	0.87	388	0.73	0.01	0.27	54.1	1020	6.2	5.6	-0.001	0.01	0.52
S22091	32.2	12.7	0.87	587	0.85	0.01	0.32	56.4	1060	6.7	6.9	-0.001	0.01	0.61
S22092	26.8	12.7	1.28	715	0.98	0.01	0.29	103.5	1260	8.3	7.2	0.002	0.04	0.38
S22093	31.3	10.3	0.75	503	0.62	0.01	0.24	47.8	1070	5	4.6	-0.001	0.01	0.53
S22094	35.9	11	0.65	545	0.62	0.01	0.18	44.2	760	6.3	4.9	-0.001	0.01	0.59
S22095	34.8	10.9	0.64	788	0.65	0.01	0.19	45.9	770	6.1	5.6	-0.001	0.01	0.76
S22096	40.6	10.9	0.7	676	0.62	0.01	0.17	47	670	6.9	4.8	-0.001	0.01	0.5
S22097	33	4	0.34	270	0.57	0.01	0.21	33.4	560	4.4	5	-0.001	0.01	0.41
S22098	20.9	10.8	0.8	562	0.9	0.01	0.42	55.3	870	9	6.9	-0.001	0.01	0.65
S22099	10.6	27	3.37	789	0.39	0.01	0.21	175	1610	3.5	49.8	-0.001	0.01	0.27
S22100	30.4	10.5	0.87	637	1.22	0.01	0.19	67.1	1150	11.4	5.8	-0.001	0.01	1.16
S22101	18.7	19	2.28	969	0.72	0.01	0.1	245	2180	7.7	33.2	-0.001	0.01	0.83
S22102	20.5	8.9	0.64	683	1.44	0.01	0.21	52.6	1130	14	6.3	-0.001	0.02	1.9
S22103	15	10.4	0.64	430	1.39	0.01	0.33	47.8	640	11.8	6.8	-0.001	0.01	1.24
S22104	13.3	13	0.57	446	1.1	0.01	0.47	39.5	570	9.8	7.5	-0.001	0.01	1.05
S22105	11.9	12	0.68	535	1.9	0.01	0.37	54.8	1480	13.5	9.1	-0.001	0.03	1.91
S22106	12	12.8	0.57	375	0.78	0.01	0.37	32.4	610	8.8	7.6	-0.001	-0.01	0.77
S22107	28.2	14.3	1.67	1595	1.84	0.01	0.11	167	4030	9.8	6.5	-0.001	0.01	1.95
S22108	13.9	9.9	0.79	850	0.69	0.02	0.48	59.7	1260	5.8	5.2	-0.001	0.02	0.78
S22109	15	16	1.06	297	0.74	0.01	0.33	50.5	560	9.4	10	-0.001	-0.01	0.46
S22110	10.4	10.5	0.49	251	0.66	0.01	0.68	21.2	400	7.2	7	-0.001	0.01	0.37

Soil Sample Assay and Lithology

Gail Hill Prospect
Livingstone Creek

Storm Exploration LLC

ident	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm
S22078	0.7	-0.2	0.3	11	-0.01	0.03	1	0.014	0.03	0.44	24	0.11	1.74	35
S22079	2.3	-0.2	0.5	13.3	-0.01	0.02	2.7	0.043	0.05	0.4	36	0.18	2.56	27
S22080	0.9	0.2	0.4	8.4	-0.01	0.02	0.7	0.031	0.05	0.4	26	0.16	1.36	17
S22081	2.6	0.2	0.4	17.5	-0.01	0.03	2.1	0.026	0.08	0.66	38	0.24	4.58	36
S22082	3.5	0.3	0.4	16.4	-0.01	0.03	3	0.031	0.07	0.94	38	0.22	8.64	39
S22083	3.2	0.4	0.2	18	-0.01	0.04	4.7	0.012	0.05	0.95	27	0.12	7.97	55
S22084	2.4	0.4	0.3	11.6	-0.01	0.04	3	0.009	0.06	0.59	32	0.1	3.38	48
S22085	6.3	1	0.2	28.4	-0.01	0.08	2.8	0.009	0.05	0.69	26	0.13	34.7	51
S22086	2.9	0.3	0.3	12.7	-0.01	0.03	2.4	0.021	0.04	0.69	32	0.19	7.16	43
S22087	2.7	0.2	0.3	10.3	-0.01	0.04	2.9	0.018	0.05	0.51	35	0.25	2.94	36
S22088	3.8	0.2	0.2	17.7	-0.01	0.07	6.1	0.023	0.04	0.79	35	0.16	8.65	54
S22089	2.3	0.3	0.2	34.4	-0.01	0.19	7	0.013	0.04	1.65	30	0.14	5.19	46
S22090	4.4	0.3	0.2	28.5	-0.01	0.06	6.6	0.028	0.04	1.06	40	0.21	8.97	53
S22091	4.5	0.5	0.2	28.6	-0.01	0.07	5.9	0.024	0.05	2.23	38	0.11	11.15	55
S22092	4.7	1	0.2	51.6	-0.01	0.08	3	0.016	0.04	12.7	44	0.11	12.3	60
S22093	3.4	0.3	0.2	22.1	-0.01	0.04	6.4	0.026	0.03	1.77	34	0.12	7.84	49
S22094	3.2	0.3	0.2	17.1	-0.01	0.04	5.6	0.017	0.03	0.76	32	0.09	7.87	52
S22095	2.8	0.2	0.2	20.2	-0.01	0.04	4.4	0.013	0.04	0.78	29	0.07	7.72	52
S22096	3.2	0.2	0.2	20.3	-0.01	0.04	7.4	0.017	0.03	0.69	31	0.1	7.29	57
S22097	1.4	0.3	0.2	16.8	-0.01	0.03	3.6	0.015	0.04	0.61	24	0.06	4.33	35
S22098	3.4	-0.2	0.4	22.7	-0.01	0.04	2.1	0.03	0.05	0.77	49	0.13	7.15	43
S22099	13.6	0.2	0.4	32.6	-0.01	0.02	2.1	0.251	0.16	0.23	180	-0.05	5.61	102
S22100	6.2	0.5	0.3	22.9	-0.01	0.05	5.4	0.026	0.06	0.8	46	0.11	16.85	56
S22101	13.8	0.4	0.4	46.7	-0.01	0.08	3.8	0.093	0.19	0.5	122	0.08	16.5	114
S22102	4.2	0.4	0.2	28.9	-0.01	0.1	4.8	0.02	0.06	0.79	36	0.1	10.65	50
S22103	3	0.4	0.3	16.8	-0.01	0.07	3.6	0.018	0.06	0.65	38	0.13	4.77	48
S22104	2.7	0.3	0.3	14.1	-0.01	0.05	4.1	0.026	0.07	0.6	37	0.29	4.19	45
S22105	3.5	0.4	0.3	30.3	-0.01	0.13	3.4	0.026	0.06	0.58	52	0.22	5.39	57
S22106	3.2	0.3	0.4	15.2	-0.01	0.04	4.3	0.034	0.07	0.69	40	0.23	4.72	40
S22107	10.2	0.5	0.3	48.6	-0.01	0.07	4.2	0.019	0.07	0.99	95	0.09	26.5	116
S22108	3.9	0.4	0.2	33.5	-0.01	0.04	1.6	0.019	0.05	0.72	42	0.1	10.95	48
S22109	4.1	-0.2	0.4	15.8	-0.01	0.04	3.6	0.033	0.07	0.43	55	0.14	3.86	52
S22110	2.2	-0.2	0.4	15.3	-0.01	0.03	2.8	0.036	0.05	0.51	34	0.25	3.37	35

Soil Sample Assay and Lithology

Gail Hill Prospect
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Storm Exploration LLC

ident	Zr ppm	Shape	Primary Lithology	Secondary Lithology	Auxilary Lithology	Additional Notes
S22078	1	Angular-subangular	Schist			
S22079	1.8	Subangular-subrounded	Schist			
S22080	-0.5	Angular-subangular	Schist		Quartz + Intrusive (granite?)	
S22081	0.5	Subangular-subrounded	Schist			
S22082	0.6	Subangular-subrounded	Schist			Strongly oxidized pieces
S22083	2.2	Subangular-subrounded	Schist			Strongly oxidized pieces
S22084	1	Subangular-subrounded	Schist			Strongly oxidized pieces
S22085	3.6	Angular-subangular	Schist		Quartz	Minor silicifed schist
S22086	1	Subangular-subrounded	Schist			
S22087	1.1	Subrounded-rounded	Schist			Strongly oxidized pieces
S22088	0.6	Subrounded-rounded	Schist	Quartz		
S22089	1.3	Subangular-subrounded	Schist			
S22090	1.3	Subrounded-rounded	Schist			
S22091	1.9	Angular-subangular	Schist			
S22092	2.4	Angular-subangular	Schist		Quartz vein in schist	
S22093	1	Subangular-subrounded	Schist		Quartz	
S22094	0.5	Angular-subangular	Schist		Quartz	
S22095	0.7	Subangular-subrounded	Schist		Quartz	Some oxidation on fractures
S22096	0.7	Angular-subangular	Schist		Quartz	
S22097	-0.5	Angular-subangular	Schist	Quartz		
S22098	-0.5	Subangular-subrounded	Schist		Quartz	
S22099	1.3	Subangular-subrounded	Schist		Quartz	
S22100	1.3	Subangular-subrounded	Schist		Quartz	
S22101	2.1	Subangular-subrounded	Schist		Quartz	
S22102	1.3	Subangular-subrounded	Schist			
S22103	0.9	Subangular-subrounded	Schist		Quartz	
S22104	1.3	Subangular-subrounded	Schist/Slate			
S22105	1.1	Subangular-subrounded	Schist			
S22106	1.6	Subangular-subrounded	Schist		Quartz	
S22107	3.6	Subangular-subrounded	Schist			Some oxidation on fractures
S22108	2.5	Subangular-subrounded	Schist		Quartz	Some oxidation on fractures
S22109	1	Angular-subangular	Silicified Schist			Strong oxidation on fractures (some chips)
S22110	0.7	Subangular-subrounded	Schist		Quartz	Rounded pieces are slate

ident	Latitude	Longitude	y_proj	x_proj	altitude	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %
R22210	61.328877	-134.314121	6799613	536711.7	1002.91	-0.001	0.08	0.96	5	140	0.43	0.09	1.03
R22211	61.33195	-134.305586	6799960	537164.9	1117.36	0.003	0.17	5.12	3.5	200	1.47	0.42	0.34
R22212	61.336086	-134.292583	6800428	537855.8	1289.69	-0.001	0.01	1.25	-0.2	90	0.27	0.03	0.15
R22213	61.33178	-134.324885	6799930	536132.2	1163.7	-0.001	0.03	0.28	0.9	30	0.1	0.01	9.67
R22214	61.332242	-134.321917	6799983	536290.6	1174.25	-0.001	0.02	0.62	0.4	60	0.15	0.02	0.08
R22215	61.337285	-134.300424	6800557	537434.8	1302.32	0.024	0.1	0.52	6.2	40	0.1	0.05	0.02
R22216	61.337282	-134.30041	6800557	537435.5	1301.96	-0.001	0.03	0.85	1.4	90	0.42	0.07	0.44
R22217	61.337298	-134.300378	6800559	537437.2	1300.29	0.01	0.11	1.2	10.8	60	0.19	0.04	0.01
R22218	61.336705	-134.306162	6800489	537128.4	1269.07	-0.001	0.02	1.18	2.3	380	0.49	0.02	0.48
R22219	61.336833	-134.306089	6800504	537132.2	1273.83	0.916	18	0.86	0.8	70	0.15	28.3	1.11
R22220	61.33784	-134.292799	6800623	537842.1	1352.65	0.002	0.14	2.72	1.6	210	0.64	0.24	0.02

Rock Sample Assay and Lithology

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Storm Exploration LLC

ident	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm
R22210	0.04	12.1	2.3	25	0.23	7.5	1.21	2.67	0.06	0.4	0.009	0.53	6.1	2.3
R22211	-0.02	52.7	8.6	43	1.02	23.1	3.02	13	0.08	1.6	0.034	1.77	26.7	15.1
R22212	0.02	13.4	6.3	23	0.4	9.9	1.64	3.51	0.05	0.2	0.018	0.32	5.1	9.9
R22213	0.22	3.2	0.5	14	0.06	1.4	0.74	0.57	0.05	0.1	0.005	0.19	2.8	1.1
R22214	-0.02	4.44	1.5	31	0.19	3.3	0.86	1.58	0.05	0.3	0.006	0.27	2	-0.2
R22215	0.12	4.46	2.9	32	0.1	2.3	0.95	1.3	-0.05	0.3	0.012	0.07	1.7	3.7
R22216	0.04	4.98	2.8	25	0.19	2.1	0.97	1.56	-0.05	0.2	0.008	0.21	2.6	1.4
R22217	0.2	9.59	4.9	33	0.19	14.2	1.18	2.92	-0.05	0.6	0.014	0.15	3.7	9.6
R22218	0.06	5.89	2.6	26	0.47	4.3	1.01	3.77	-0.05	0.5	0.02	0.59	2.6	2.9
R22219	0.48	3.89	2.9	24	0.06	27.6	1.33	2.05	-0.05	0.3	0.021	0.05	1.6	0.4
R22220	0.04	23.4	2.3	33	0.81	11.4	1.92	6.65	0.07	1.2	0.018	1.04	10.6	6.7

ident	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm
R22210	0.15	373	0.88	0.04	1.8	5.7	240	7.2	14.9	0.002	0.01	0.21	1.7	-1
R22211	0.55	490	0.45	0.3	6.3	20.4	1430	48.7	63.7	-0.002	0.01	0.48	6.9	-1
R22212	0.37	1110	0.26	0.05	0.7	10.8	620	2.2	14.5	-0.002	-0.01	0.09	2.4	-1
R22213	5.63	272	0.23	0.01	0.2	1.7	330	2.2	2	-0.002	-0.01	0.2	0.7	-1
R22214	0.03	224	0.3	0.03	0.5	3.8	130	2.7	10	-0.002	-0.01	0.23	1	-1
R22215	0.02	1265	1.04	0.01	0.8	11.5	90	9.1	2.3	-0.002	-0.01	1.67	1.9	-1
R22216	0.08	722	0.82	0.33	0.4	6.4	730	5.3	7.1	-0.002	0.01	0.13	1	-1
R22217	0.03	1270	1.12	0.01	1.6	17	190	3.2	5.1	-0.002	-0.01	6.19	3.4	-1
R22218	0.13	579	0.54	0.07	1.6	13.2	90	2.6	21	-0.002	-0.01	0.32	3.3	-1
R22219	0.13	1420	15.5	0.61	0.7	14.1	80	629	1.7	-0.002	0.07	0.66	2.9	1
R22220	0.36	365	0.3	0.21	4	7.4	140	9.5	42.3	-0.002	0.01	0.18	3.5	-1

ident	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Occurrence
R22210	0.3	15.4	0.12	-0.05	2.03	0.05	0.07	0.4	18	0.3	3.3	14	14.1	Subcrop
R22211	1.5	46.4	0.45	-0.05	9.42	0.144	0.32	0.7	41	1.7	9	67	54.4	Subcrop
R22212	0.4	10.9	-0.05	-0.05	1.28	0.023	0.09	0.4	13	0.2	4.6	33	5.8	Outcrop
R22213	-0.2	59.6	-0.05	-0.05	0.24	0.009	0.02	0.3	7	0.3	4.5	19	4.4	Outcrop
R22214	0.2	6.4	-0.05	-0.05	0.98	0.018	0.06	0.2	7	0.1	1.4	11	9.3	Outcrop
R22215	-0.2	28.6	-0.05	0.05	0.61	0.029	0.02	0.4	7	2	1.1	6	10	Outcrop
R22216	-0.2	16.8	-0.05	-0.05	0.61	0.013	0.03	0.3	14	0.1	4	4	6.7	Outcrop
R22217	0.3	37.2	0.08	0.07	1.16	0.055	0.04	0.7	11	3.9	1.9	9	19.6	Subcrop
R22218	0.4	15.9	0.08	-0.05	1.04	0.063	0.08	0.4	17	0.7	1.8	10	17.6	Outcrop
R22219	0.2	21.6	-0.05	2.52	0.69	0.028	0.02	0.3	7	2.5	1.6	12	11.2	Subcrop
R22220	0.7	22.7	0.27	-0.05	4.81	0.094	0.2	0.8	22	1.9	2.8	33	42.3	Outcrop

ident	Rock description	Sample Description	Location Description
R22210	Quartz-Carbonate Vein	Quartz carbonate vein hosted in phyllite-schist unit. Strong limonitic alteration, chlorite and manganese oxide staining	Soil Sample Location
R22211	Si-Flooded Schist	Silica flooded schist with zones of strong limonitic alteration with chalco-shean.	Soil Sample Location
R22212	Quartz Vein	Quartz vein hosted in silica flooded schist. Biotite and arsenopyrite?sphalerite?(silvery mineral) And weathered pyrite (pitting) within weak-moderate limonitic alteration and manganese oxide staining.	Exposed Outcrop
R22213	Si-Flooded Schist	Strongly silica flooded schist with bands of limonitic alteration and along fractures	Exposed Outcrop
R22214	Quartz vein/Si-Flooded Schist	Silica flooded schist/quartz vein (milky) with moderate limonitic alteration, manganese oxide staining. Blocky outcrop, almost brecciated. Scorodite? Green powdered texture	Exposed Outcrop
R22215	Si-Flooded Schist	Silica flooded schist, with bands of limonitic alteration with intense zones of weathered limonitic alteration. Quartz carbonate (pitting in calcite) with sericitic alteration.	Exposed Outcrop
R22216	Quartz Vein	Quartz vein (not silica flooded unit) with weak limonitic alteration, moderate manganese oxide staining. Vein appears to dp steeply. Scorodite? Green powdery texture.	Exposed Outcrop
R22217	Quartz-Carbonate Vein	Vuggy quartz-carbonate veins hosted in schsit. Lenses of strong limonitic alteration with some cinnabar alteration? (red). Sericitic alterationand silvery mineralization, arsenopyrite? Sphalerite? Mostly weathered away	Proximal to outcrop
R22218	Quartzite	Quartzite or extreme-silica flooded host rock. Sugary texture, very fine disseminated sulfides throughout. Strong to moderate oxidation along fracture faces and exposed surfaces with pitting.	Exposed Outcrop, collected instead of soil sample due to lack of soil exposure
R22219	Quartz Vein	Quartz vein hosted in schist with moderate limonitic alteration in both vein and host rock.	Soil Sample Location, S22090
R22220	Quartz Vein in Schist	~5cm wide quartz vein hosted in schist. Chlorite selvages around vein. Moderate limonitic alteration in vei with metallic sulfides, galena? Hosted in fault dipping subverticle 80 egrees east, in trench	Exposed Outcrop in old trench

ident	Latitude	Longitude	y_proj	x_proj	altitude	Au ppm	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %
R22221	61.330961	-134.300117	6799853	537458.8	1090.26	0.011	0.08	7.74	2.2	130	0.87	0.26	0.35
R22222	61.331069	-134.302108	6799864	537352.1	1097.71	-0.001	0.05	1.13	0.7	180	0.68	0.12	0.15
R22223	61.328903	-134.313923	6799616	536722.3	1000.53	0.001	0.07	6.8	5.9	370	1.5	0.12	2.59
R22224	61.328864	-134.313865	6799612	536725.4	996.45	0.002	0.04	0.58	3.2	110	0.39	0.09	0.05
R22225	61.328888	-134.313865	6799614	536725.4	994.26	-0.001	0.08	0.24	1.1	40	0.09	0.07	0.29

Rock Sample Assay and Lithology

Gail Hill Prospect
Livingstone Creek

Storm Exploration LLC

ident	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	In ppm	K %	La ppm	Li ppm
R22221	0.02	104	4.9	29	0.25	2	2.75	16	0.16	5	0.022	0.16	51.3	8.3
R22222	0.02	25.1	1.5	48	0.54	14.7	2	3.55	0.06	0.6	0.017	0.7	13.8	2.2
R22223	0.11	57.3	11	51	0.18	6.7	1.96	13.65	0.11	2.4	0.031	0.82	27.3	2.3
R22224	-0.02	5.49	0.3	32	0.1	19.7	0.87	2.16	0.05	0.3	0.011	0.33	3.1	1.4
R22225	0.05	1.65	1.4	33	0.07	4.5	0.85	0.74	-0.05	-0.1	0.007	0.12	0.8	0.5

ident	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Rb ppm	Re ppm	S %	Sb ppm	Sc ppm	Se ppm
R22221	0.29	555	1.2	6.07	23.1	9.2	1380	5.1	5.4	-0.002	0.01	0.39	3.5	-1
R22222	0.13	61	0.14	0.13	1.6	5.1	660	1.7	21	-0.002	-0.01	0.31	2.2	-1
R22223	0.73	920	0.36	5.22	5.4	22	200	7	13.3	-0.002	0.64	0.23	5.7	-1
R22224	0.07	56	13.9	0.02	1.3	1.8	220	3	7.8	-0.002	0.02	1.74	1.3	-1
R22225	0.09	157	0.65	0.08	0.3	3.5	10	7.8	2.7	-0.002	0.17	0.13	0.9	-1

ident	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm	Occurrence
R22221	0.8	105.5	1.35	0.2	14.8	0.264	0.04	2	21	15.2	12.4	29	198.5	Outcrop
R22222	0.5	7.2	0.1	0.08	2.43	0.068	0.09	0.4	84	0.4	4.5	8	23.1	Outcrop
R22223	1.1	228	0.36	0.06	7.52	0.175	0.06	0.7	35	4.2	5.5	15	81.3	Outcrop
R22224	0.3	10	0.07	-0.05	1.05	0.035	0.06	2.5	142	0.3	2.1	2	13	Outcrop
R22225	-0.2	16.6	-0.05	-0.05	0.28	0.012	0.02	0.1	8	0.4	0.8	8	1.7	Outcrop

ident	Rock description	Sample Description	Location Description
R22221	Quartz-Carbonate Vein	Quartz carbonate vein with overall weak-moderate oxidation. Lenses of strong limonitic alteration with lenses of chlorite. Vein follows structure/banding of schist host rock. Sulfide mineralization observed, silvery, galena? Possible chromite. Some sericitic alteration. Schsit host rock.	Exposed Outcrop
R22222	Quartz Vein	Strongly oxidized quartz vein in schist-phyllit eunit. Pitting (cubic) in strongly oxidized zones. Rusty zone in gulch outcrop, 2 m wide vein and fault zone. Rusty vein in schist was striking 130 and dipping 63 west	Steep Gulch Outcrop
R22223	Quartz-Carbonate Vein	Quartz carbonate vein hosted in schist-phyllite unit. Moderate-strong oxidaton (limonitic) with pyrite cubes (oxidized), possible scorodite? Vein ishosted along schist ocntact, limonitic alteration and pyrite in host selvage.	Steep Gulch Outcrop
R22224	Si-Flooded Schist	Silica flooded host rock with strong oxidation throughout. Possible scorodite. Contact of fault/vein system	Steep Gulch Outcrop
R22225	Quartz Vein	Strongly oxidized quartz vein with lenses of chloritic alteration with sulfide mineralization and chalco shean.	Steep Gulch Outcrop

6801000

6800500

6800000

536000

536500

537000

537500

538000

538500

Livingstone Creek

0 250 500 m

1:3,600

STORM EXPLORATION

Golden Ram Inc.

Survey Details :

Hand Auger Soil Sampling
B-Horizon Sample 0.5 - 1 m Depth

Survey Date : Septemeber 15 - 25, 2022
Field Operators : David Storm, Jessica Pickett

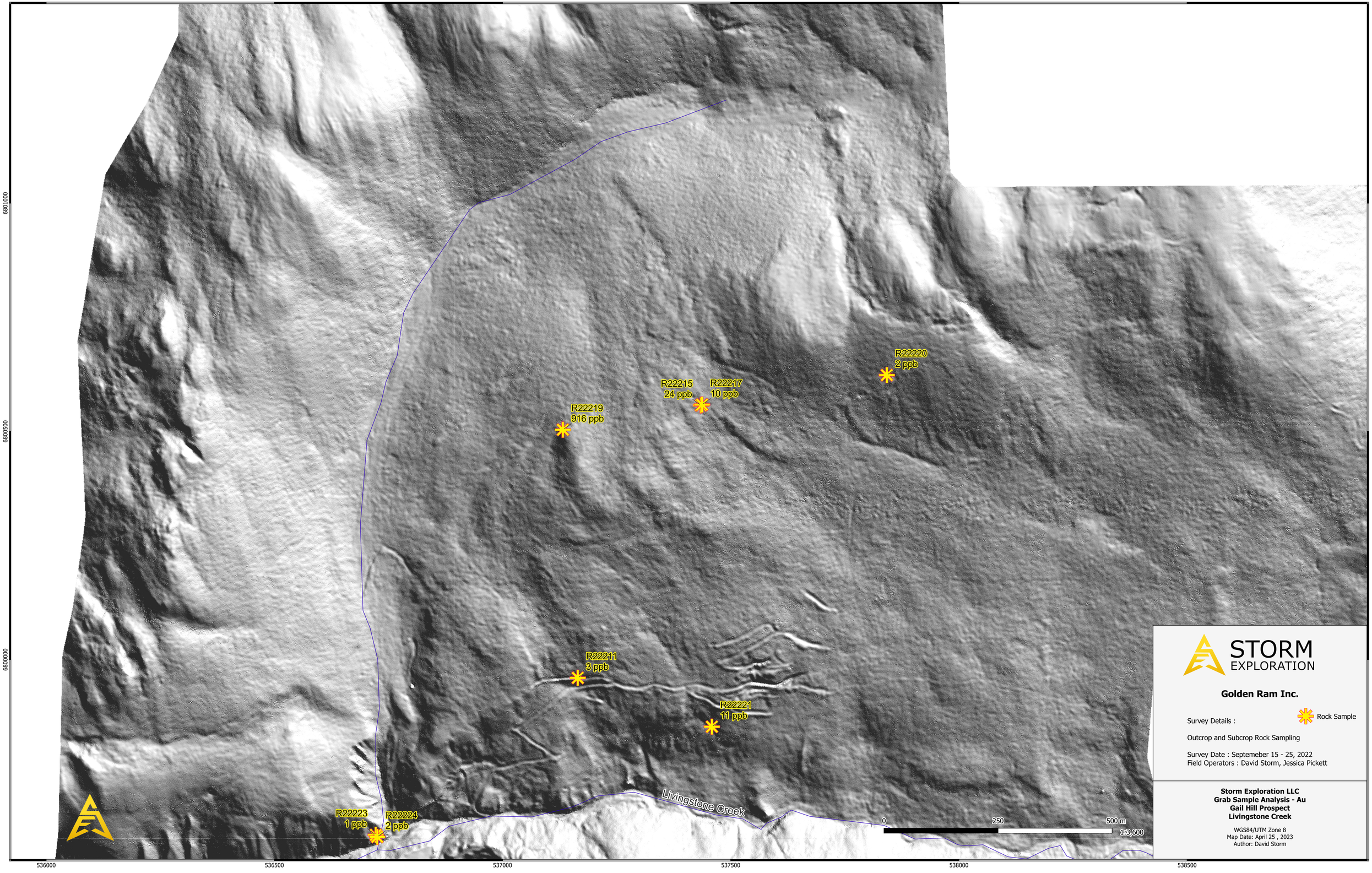
Legend

Soils Au (ppb)
- 0 - 5
- 5 - 10
- 10 - 25
- 25 - 35
- 35 - 84

Soil Contour Au (ppb)
- 2
- 6
- 14
- 22
- 30
- 50
- 70

Storm Exploration LLC
Soil Sample Analysis - Au
Gail Hill Prospect
Livingstone Creek

WGS84/UTM Zone 8
Map Date: April 25 , 2023
Author: David Storm



STORM EXPLORATION

Golden Ram Inc.

Survey Details :

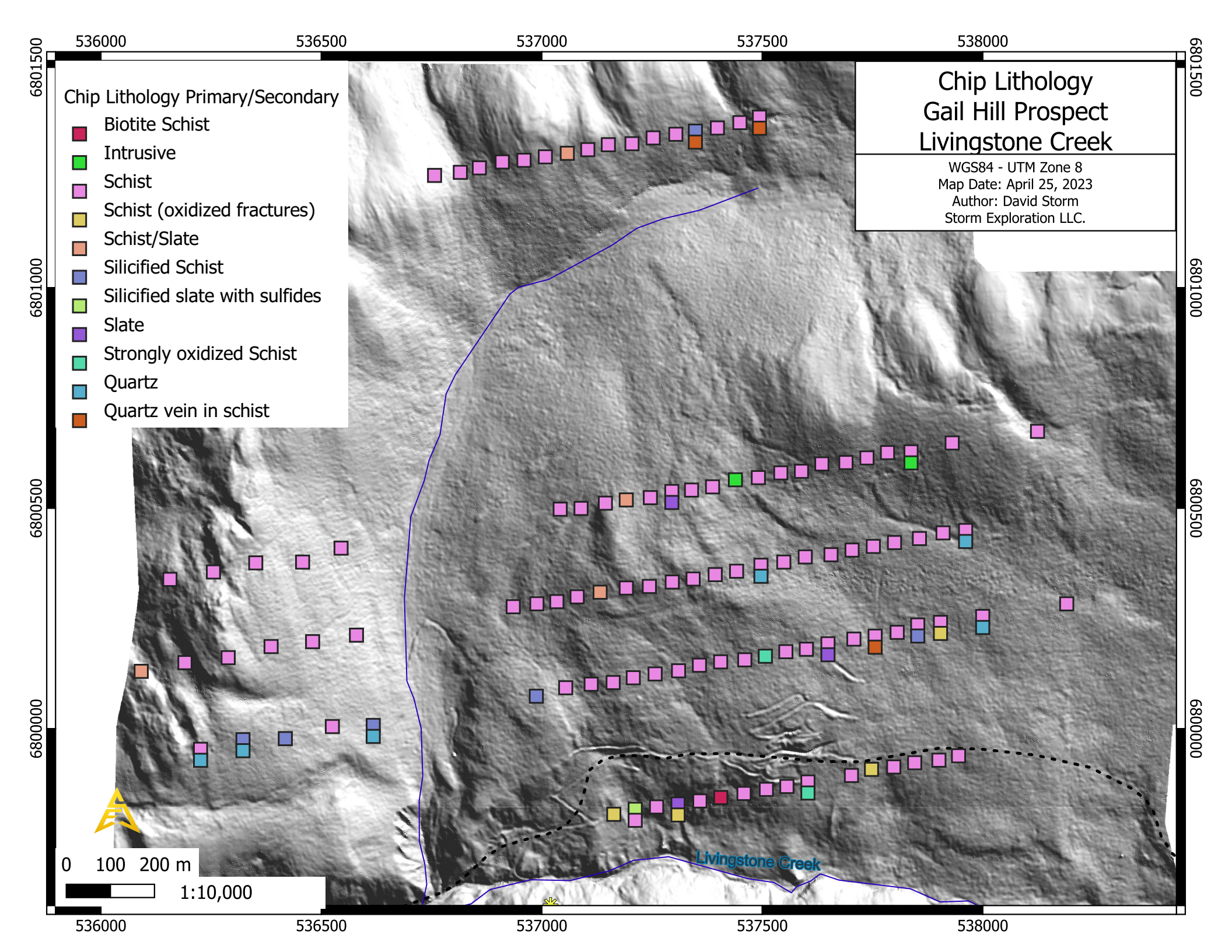
Rock Sample

Outcrop and Subcrop Rock Sampling

Survey Date : Septemeber 15 - 25, 2022
Field Operators : David Storm, Jessica Pickett

Storm Exploration LLC
Grab Sample Analysis - Au
Gail Hill Prospect
Livingstone Creek

WGS84/UTM Zone 8
Map Date: April 25 , 2023
Author: David Storm


Chip Lithology
Gail Hill Prospect
Livingstone Creek
WGS84 - UTM Zone 8
Map Date: April 25, 2023
Author: David Storm
Storm Exploration LLC.
Chip Lithology Primary/Secondary
Biotite Schist
Intrusive
Schist
Schist (oxidized fractures)
Schist/Slate
Silicified Schist
Silicified slate with sulfides
Slate
Strongly oxidized Schist
Quartz
Quartz vein in schist
536000
536500
537000
537500
538000
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6801000
6800500
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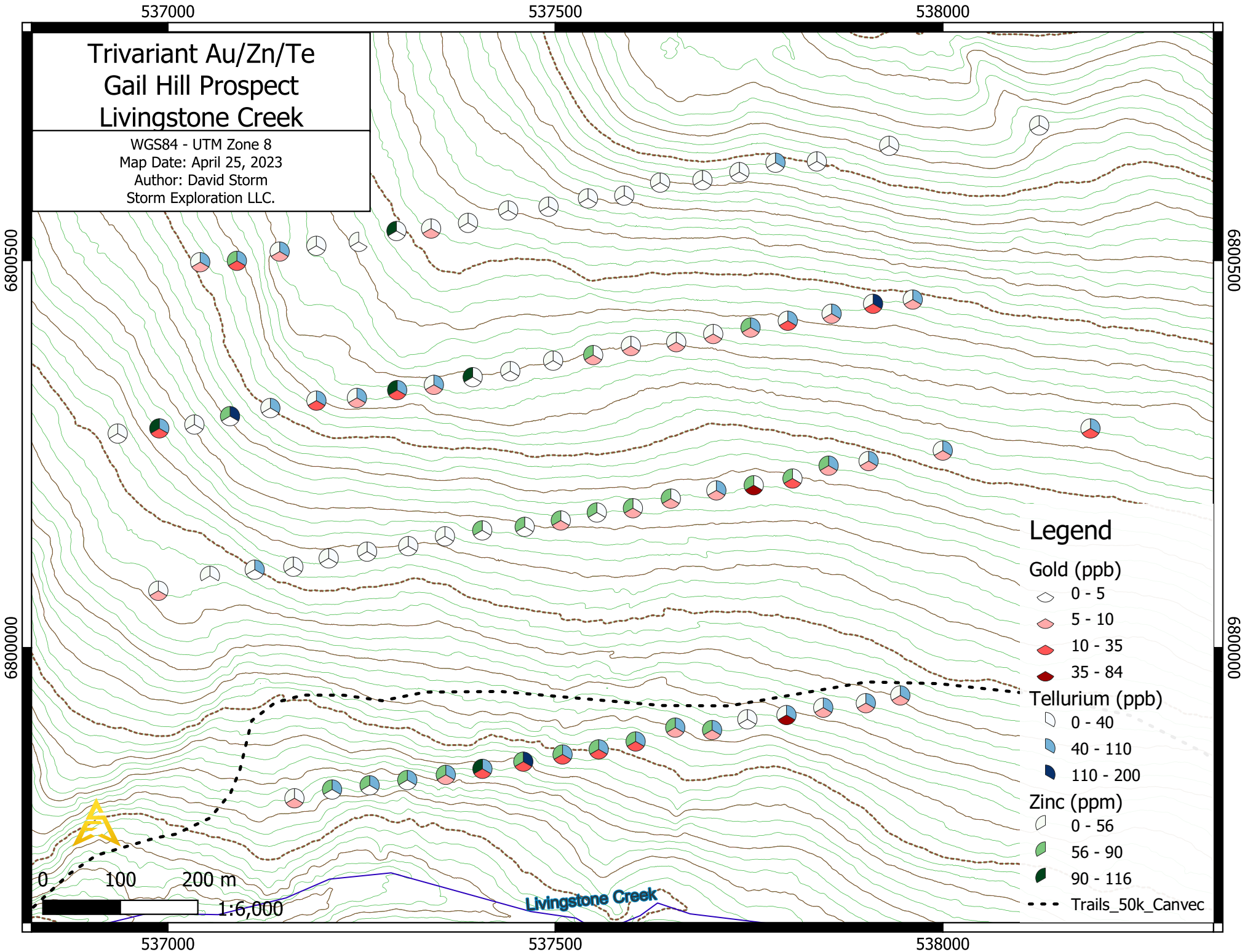
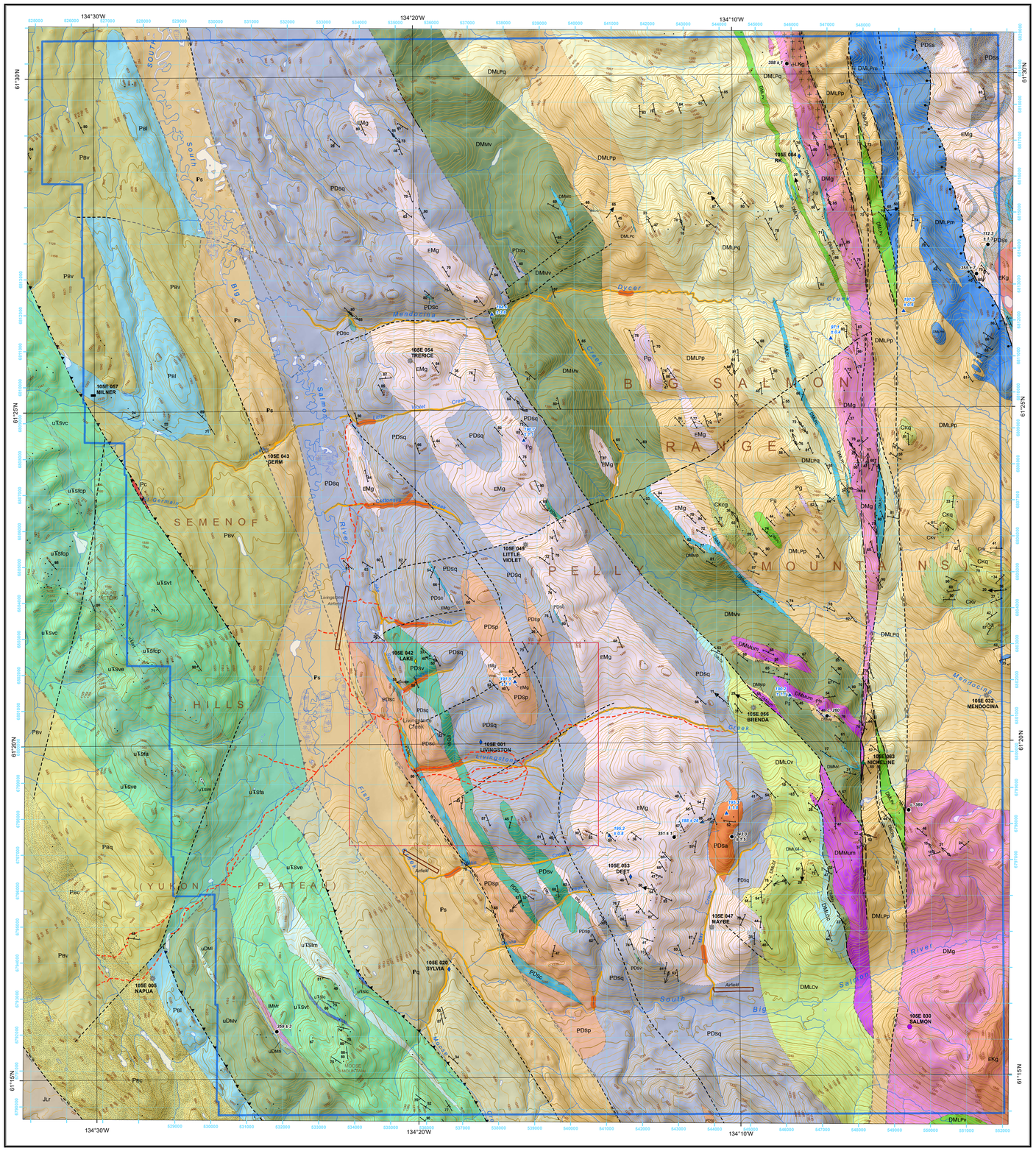
Livingstone Creek
0 100 200 m
1:10,000


Trivariant Au/Zn/Te
Gail Hill Prospect
Livingstone Creek
WGS84 - UTM Zone 8
Map Date: April 25, 2023
Author: David Storm
Storm Exploration LLC.
537000
537500
538000
6800500
6800000
Legend
Gold (ppb)
0 - 5
5 - 10
10 - 35
35 - 84
Tellurium (ppb)
0 - 40
40 - 110
110 - 200
Zinc (ppm)
0 - 56
56 - 90
90 - 116
Trails_50k_Canvec
0
100
200 m
1:6,000
Livingstone Creek



1:50 000-scale topographic base data produced by CENTRE FOR TOPOGRAPHIC INFORMATION, NATURAL RESOURCES CANADA

30 metre shaded relief from GEOMATICS YUKON www.geomaticsyukon.ca

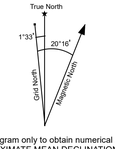
ONE THOUSAND METRE GRID
Universal Transverse Mercator Projection
North American Datum 1983
Zone 8

BEDROCK GEOLOGY
LIVINGSTONE CREEK
YUKON

SCALE 1:50 000

0 1 2 3 4 5
Kilometres

CONTOUR INTERVAL 20 METRES
Elevations in metres above Mean Sea Level



Use diagram only to obtain numerical values
APPROXIMATE MEAN DECLINATION 2016
FOR CENTRE OF MAP

105E/10 HOOTALINQUA	105E/9 TERAKTU CREEK	105F/12 SOUCH CREEK
105E/7 MASON LANDING	105E/8 **THIS MAP**	105F/5
105E/2 TESLIN MOUNTAIN	105E/1 BOSWELL MOUNTAIN	105F/4 FALLS CREEK

LEGEND

CRETACEOUS

- **LKg** — fine to medium-grained, weakly foliated biotite granite, locally K-feldspar porphyritic, commonly protomylonitic (U/Pb monazite - 96 ± 1 Ma); locally, pegmatite west of d'Abbadie fault
- **EKg** — medium to coarse-grained, unfoliated, biotite quartz monzonite (U/Pb monazite - 112 ± 1 Ma)

LOWER TO MIDDLE JURASSIC

Laberge Group

- **JLr** — shale, sandstone, conglomerate

QUESNELLIA

UPPER TRIASSIC

Semenof formation

- **uTSfa** — hornblende-augite-plagioclase-phyric, medium to dark green, massive, locally brecciated, mafic flows
- **uTSfcp** — augite-plagioclase-phyric, light to medium grey/green, massive, locally brecciated, amygdaloidal, mafic flows; locally oxidized
- **uTSlc** — clast-supported, pebble to cobble limestone conglomerate, contains up to 30% angular basalt and ribbon-chert clasts
- **uTSlm** — massive, light grey to beige, moderately recrystallized limestone; abundant quartz veins
- **uTSvc** — massive, dark green, brown, purple, red volcanic pebble to cobble conglomerate; rounded clasts, commonly amygdaloidal; unsorted, angular, crystal lithic sandstone matrix
- **uTSve** — massive, grey, mainly volcanic-derived coarse-grained lithic tuff, minor black argillite beds; angular, clast-supported pebble to cobble conglomerate; limestone clasts are locally abundant
- **uTSvt** — well-bedded light green tuff; mainly coarse-grained lithic tuff grading into ash tuff; minor lapilli tuff

PENNSYLVANIAN

Boswell formation

- **Pc** — massive red chert
- **Pbv** — basalt, volcanic breccia and greenstone
- **Pbl** — beige to grey limestone, commonly bioclastic
- **Pbc** — calcareous, massive, poorly sorted polymictic conglomerate and litharenite; clasts include angular fragments of black chert, argillite, mafic and felsic volcanic rocks and limestone
- **Pbq** — rusty weathering, medium-grained quartz sandstone

UPPER DEVONIAN - MISSISSIPPIAN

Moose formation

- **lMMr** — rusty weathering, pink quartz-feldspar-phyric rhyolite (U-Pb zircon - 359 ± 3 Ma)
- **uDMs** — green conglomeratic sandstone with volcanic and sedimentary clasts
- **uDMl** — light grey, massive limestone
- **uDMv** — dark green, fine-grained, massive and pillowed basalt

YUKON-TANANA TERRANE

MID TO LATE PERMIAN

Sulphur Creek suite?

- **Pg** — variably foliated, medium to coarse-grained muscovite-biotite leucogranite, locally pegmatitic
- **Pfs** — fine-grained, rusty weathering, strongly foliated felsic schist with relict quartz-plagioclase phenocrysts (U/Pb zircon - ca. 260 Ma)

MISSISSIPPIAN TO LOWER PERMIAN

Klinkit assemblage

- **CKcg** — coarse-grained, strongly foliated arkosic grit, polymictic pebble to cobble metaconglomerate
- **CKq** — light greenish-grey, fine to medium-grained quartzite, locally gritty and arkosic (youngest detrital zircons U/Pb, ca. 360 Ma); minor recessive grey phyllite
- **CKv** — green chloritic phyllite/schist, magnetite-rich; local intercalations of graphitic phyllite and quartzite

LATE DEVONIAN - EARLY MISSISSIPPIAN

Simpson Range suite

- **EMg** — strongly foliated to gneissic, light to medium grey, fine-grained metagranite, metagranodiorite, metatonalite; medium-grained, equigranular, strongly foliated jadeite-bearing granodiorite gneiss (U/Pb zircon - 351 ± 1 Ma)

Grass Lakes suites

- **DMg** — moderately to strongly foliated, K-feldspar augen two-mica granite; protomylonitic to mylonitic near d'Abbadie fault (U/Pb zircon - 358 ± 1 Ma)

PALEOZOIC ?

Loon Lake succession (Finlayson assemblage?)

- **Ps** — dark grey carbonaceous siltstone, quartz sandstone
- **Pq** — foliated, intercalated quartzite, siltstone and phyllite

DEVONIAN - MISSISSIPPIAN

Last Peak succession (Finlayson assemblage)

- **DMLPv** — strongly foliated and lineated siliceous chloritic phyllite, quartzofeldspathic and epidote layers along foliation
- **DMLPc** — light grey to white marble; along contact with K-feldspar augen granite, brown weathering, medium-grey, fine-grained silicified marble
- **DMLPq** — tan weathering micaceous and calcareous quartzite and quartz-muscovite±chlorite schist; black, grey and white quartzite, locally gritty; tan marble horizons; minor carbonaceous phyllite
- **DMLPp** — black graphitic phyllite and quartzite; black calcareous metasiltstone; minor light grey quartz-muscovite schist and micaceous quartzite; minor buff-weathering marble
- **DMLPm** — light grey to white, medium to coarse-grained marble; locally garnet-diopside-epidote skarn near Cretaceous granite

DEVONIAN - MISSISSIPPIAN

Mendocina succession (Finlayson assemblage?)

- **DMMc** — marble
- **DMMp** — graphitic phyllite
- **DMMv** — fine-grained phyllitic greenstone, rarely massive; locally, medium to coarse-grained plagioclase-hornblende metagabbro
- **DMMum** — serpentinized peridotite, metagabbro; nephrite jade

DEVONIAN - MISSISSIPPIAN

Livingstone Creek succession (Finlayson assemblage)

- **DMLCf** — fine-grained, quartz-muscovite-plagioclase white schist
- **DMLCc** — buff-weathering dolomitic marble and quartzite; light grey marble
- **DMLCv** — light green to light grey quartzite, quartz-muscovite-plagioclase-chlorite schist, minor greenstone

NEOPROTEROZOIC - DEVONIAN?

Snowcap assemblage

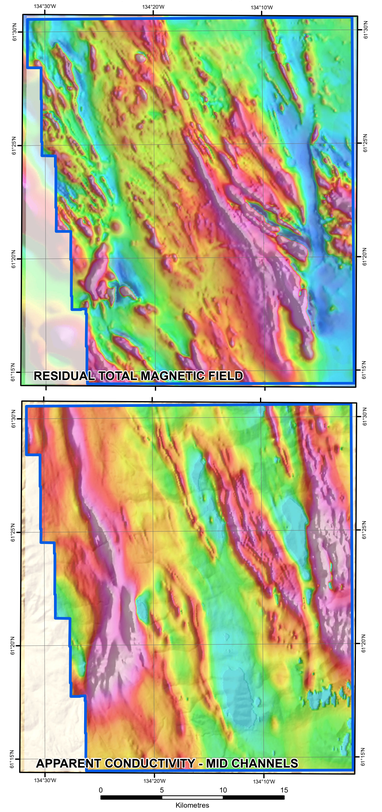
- **PDSp** — dark grey to black carbonaceous phyllite and schist, quartzite, locally graphitic
- **PDSc** — light grey to white, medium to coarse-grained marble
- **PDSa** — dark green to black, fine-grained garnet amphibolite
- **PDSv** — light to medium green, variably siliceous, fine to medium-grained calcareous chloritic schist; locally contains layers of buff-weathering siliceous marble
- **PDSq** — quartzite, micaceous quartzite, quartz-muscovite-biotite schist, minor carbonaceous schist; locally quartz-pebble metaconglomerate
- **PDSs** — medium grey quartz-plagioclase-muscovite-biotite schist, locally quartz-plagioclase-biotite-hornblende-epidote schist; coarse-grained andalusite-biotite schist; calc-silicate schist, marble, quartzite

LEGEND EXPLANATION

- PLUTONIC SUITES: grouping of plutonic rock units based on age, regional distribution and/or composition
- LAYERED ROCK ASSEMBLAGES: regionally mappable units generally of Group or Formation rank

VTEM Plus survey

(Boulanger *et al.*, 2017a,b)



SYMBOLS

- geologic contacts (defined, approximate, inferred, covered)...
- fault; movement not known (defined, approximate, inferred, covered)...
- thrust fault (inferred, covered)...
- dextral strike-slip fault (defined, approximate, inferred, covered)...
- normal fault (defined, approximate, inferred)...
- bedding... 34
- foliation (dominant)... 83
- elongation or mineral lineation... 23
- intersection lineation... 54
- fold axis (dominant phase)... 12
- radiometric date (U/Pb, $^{40}Ar/^{39}Ar$) (age in Ma, ± 2s)... ● *351 ± 1* ▲ *195.2 ± 0.8*
- field station...
- placer potential (past-producing stream, potential gold-bearing stream)...
- trail...
- airstrip...
- VTEM survey area...

Yukon Minfile Occurrences

Epigenetic

- Skarn Cu
- Skarn W
- Vein Au-Quartz
- Vein Polymetallic Ag-Pb-Zn±Au

Syngenetic

- Ultramafic - Nickel

Industrial Minerals / Other

- Coal
- Unknown

NOTES

This map presents an interpretation of the bedrock geology of the Livingstone Creek area that has been revised from a previous Open File map (Colpron, 2005a). The revised interpretation was guided by the acquisition of a detailed VTEM Plus geophysical survey over the area in spring 2016 (Boulanger *et al.*, 2016a,b; 200 m line spacing). The detailed magnetic data were particularly useful for increasing the accuracy of contact locations, and identifying additional structures; most notably a cryptic fault that occurs upstream (i.e. east) of many of the placer mining creeks in the district, but west of the large Mississippian pluton in the centre of the map area. The electromagnetic survey identifies a number of conductors across the area, some of which remain unexplained (see Colpron *et al.*, 2017 for discussion). Bedrock exposure is locally hindered by Quaternary glacial and fluvial sediments, particularly in the South Big Salmon valley. Projection of the geology is guided by the geophysics in areas of extensive cover.

This revised interpretation of the bedrock geology of the Livingstone Creek area also benefited from additional geochemical and geochronological analyses conducted since the original fieldwork in 2004-2005. Details of the geology and geophysical anomalies are given in Colpron (2005b) and Colpron *et al.* (2017), including interpretations of the geochemical and geochronological data. The geological compilation of the Yukon-Tanana terrane benefited from unpublished maps and notes by J.L. Harvey (1996-1997), provided by S.D. Carr, and mapping by Gallagher (1999). The geology of the Semenof Hills, west of the South Big Salmon River, is after Simard (2003). Metasedimentary rocks of the Loon Lake succession were studied in detail by Barresi (2004).

Selected $^{40}Ar/^{39}Ar$ dates and two Devonian-Mississippian U/Pb dates are from Hansen *et al.* (1989, 1991; see also Breitsprecher and Mortensen, 2004). Other U/Pb dates in Yukon-Tanana terrane east of the Big Salmon fault are presented in Colpron *et al.* (2017) and Gallagher (1999). Three $^{40}Ar/^{39}Ar$ muscovite dates are unpublished data reported by Colpron (2005a). Older, less reliable K/Ar and Rb/Sr dates reported in Hansen *et al.* (1989) are not shown on this map. The 359 Ma date in the Semenof Hills, west of the Big Salmon fault, is unpublished data by R.L. Simard and J.K. Mortensen (2004) reported in Breitsprecher and Mortensen (2004).

Placer potential creeks are modified from Lipovsky *et al.* (2001) with past-producing segments provided by J.D. Bond in 2016, digitized from most recent imagery.

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RECOMMENDED CITATION

COLPRON, M., 2017. Revised geological map of Livingstone Creek area (NTS 105E/8). Yukon Geological Survey, Open File 2017-1, scale 1:50000.

Digital cartography and drafting by Maurice Colpron, Yukon Geological Survey.

Any revisions or additional geological information known to the user would be welcomed by the Yukon Geological Survey.

Paper copies of this map may be obtained from the Yukon Geological Survey, Energy, Mines and Resources, Yukon government, P.O. Box 2703 (K-102), Whitehorse, Yukon, Y1A 2C6. Ph. 867-667-3201, Email: geology@gov.yk.ca.

A digital PDF (Portable Document File) of this map and the Yukon MINFILE database may be accessed free of charge from the Yukon Geological Survey website: http://www.geology.gov.yk.ca.

The digital geology dataset for this map is part of the Yukon Digital Bedrock Geology that can be downloaded from: http://www.geology.gov.yk.ca/update_yukon_bedrock_geology_map.html.

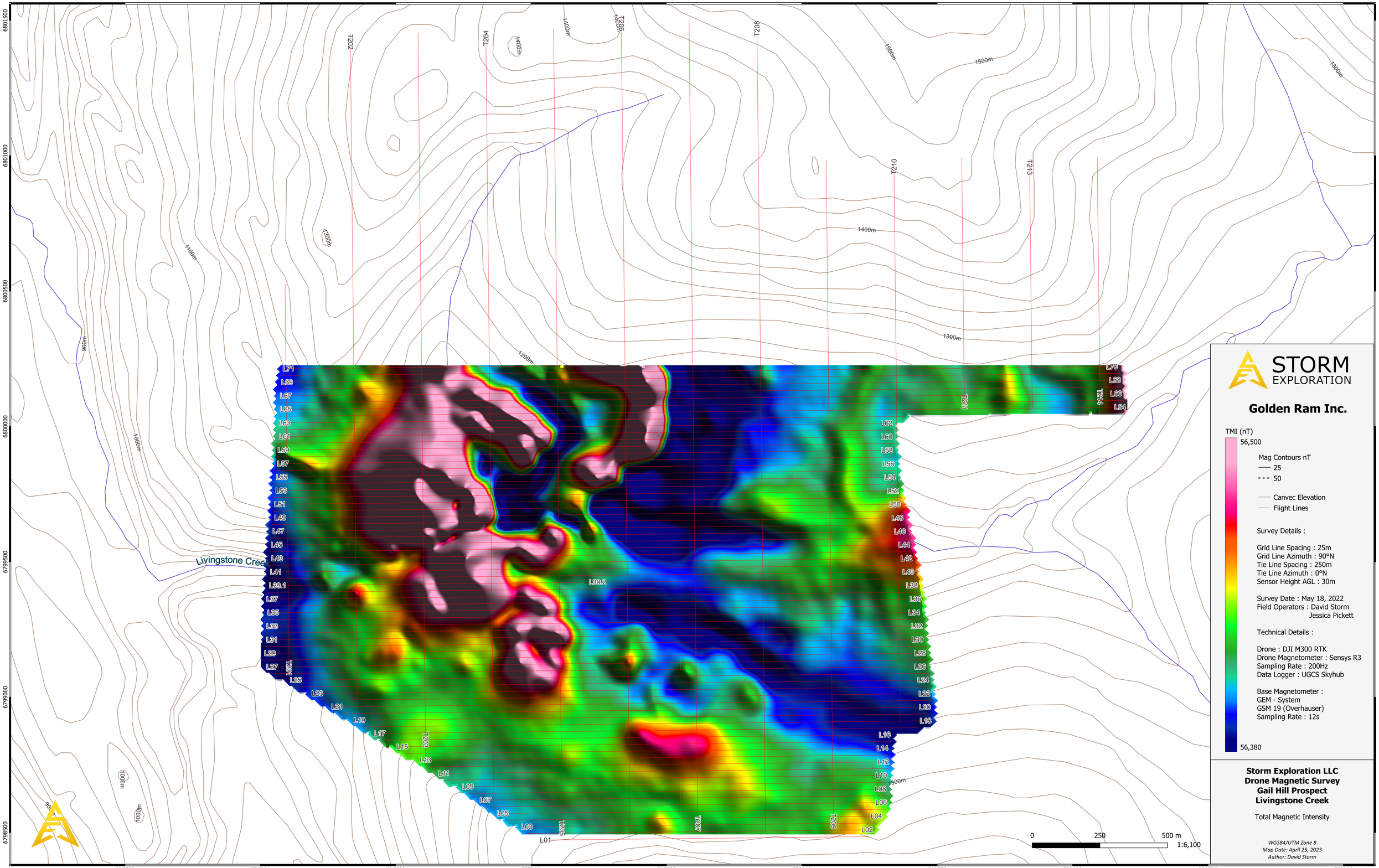
Yukon Geological Survey
Energy, Mines and Resources
Government of Yukon

Open File 2017-1

Revised geological map of Livingstone Creek area (NTS 105E/8) (scale 1:50000)

by

Maurice Colpron



STORM EXPLORATION

Golden Ram Inc.

TMI (nT)
56,500
56,380

Mag Contours nT
25
50

Canvec Elevation
Flight Lines

Survey Details :

Grid Line Spacing : 25m
Grid Line Azimuth : 90°N
Tie Line Spacing : 250m
Tie Line Azimuth : 0°N
Sensor Height AGL : 30m

Survey Date : May 18, 2022
Field Operators : David Storm
Jessica Pickett

Technical Details :

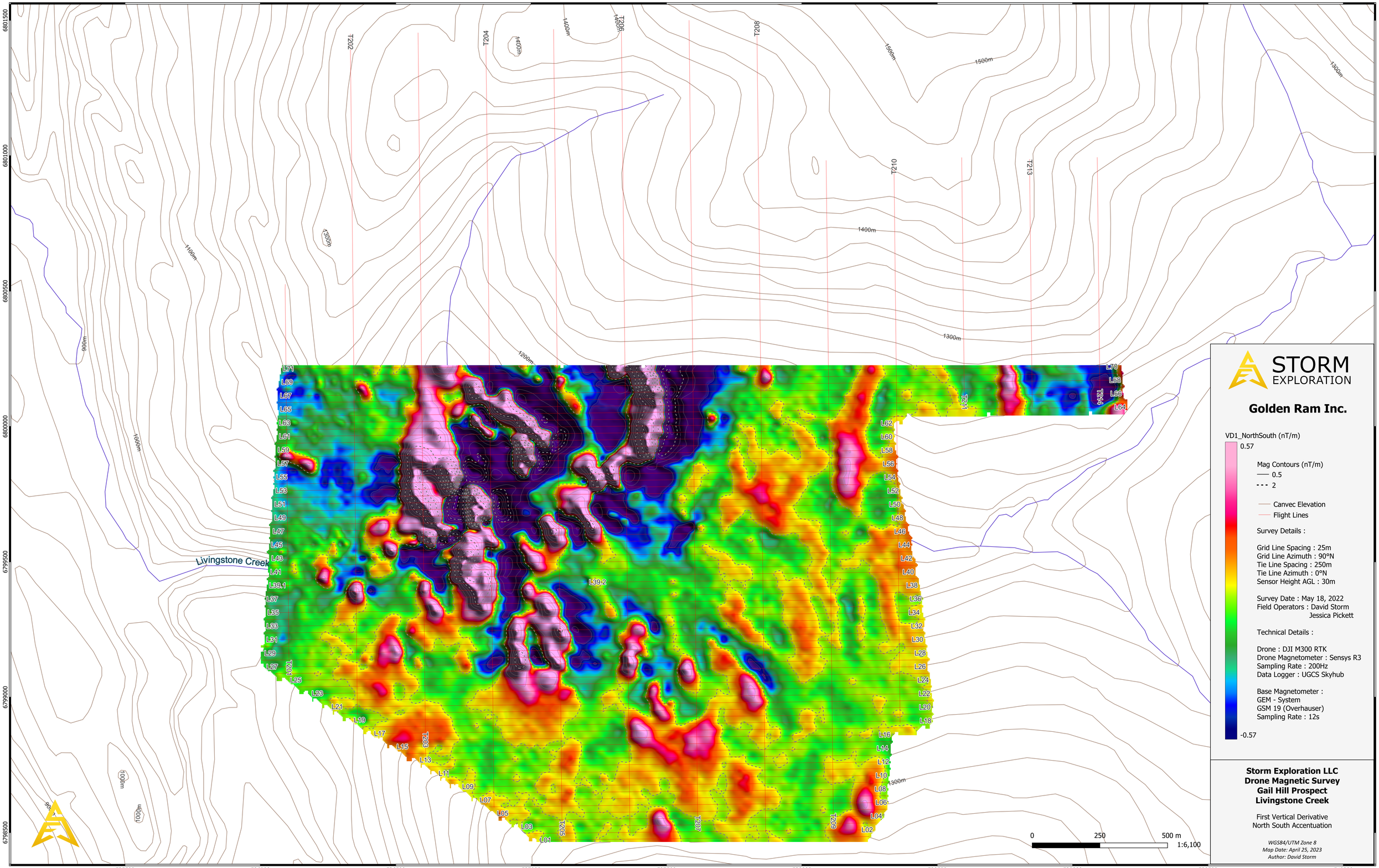
Drone : DJI M300 RTK
Drone Magnetometer : Sensys R3
Sampling Rate : 200Hz
Data Logger : UGCS Skyhub

Base Magnetometer :
GEM - System
GSM 19 (Overhauser)
Sampling Rate : 12s

Storm Exploration LLC
Drone Magnetic Survey
Gail Hill Prospect
Livingstone Creek

Total Magnetic Intensity

WGS84/UTM Zone 8
Map Date: April 25, 2023
Author: David Storm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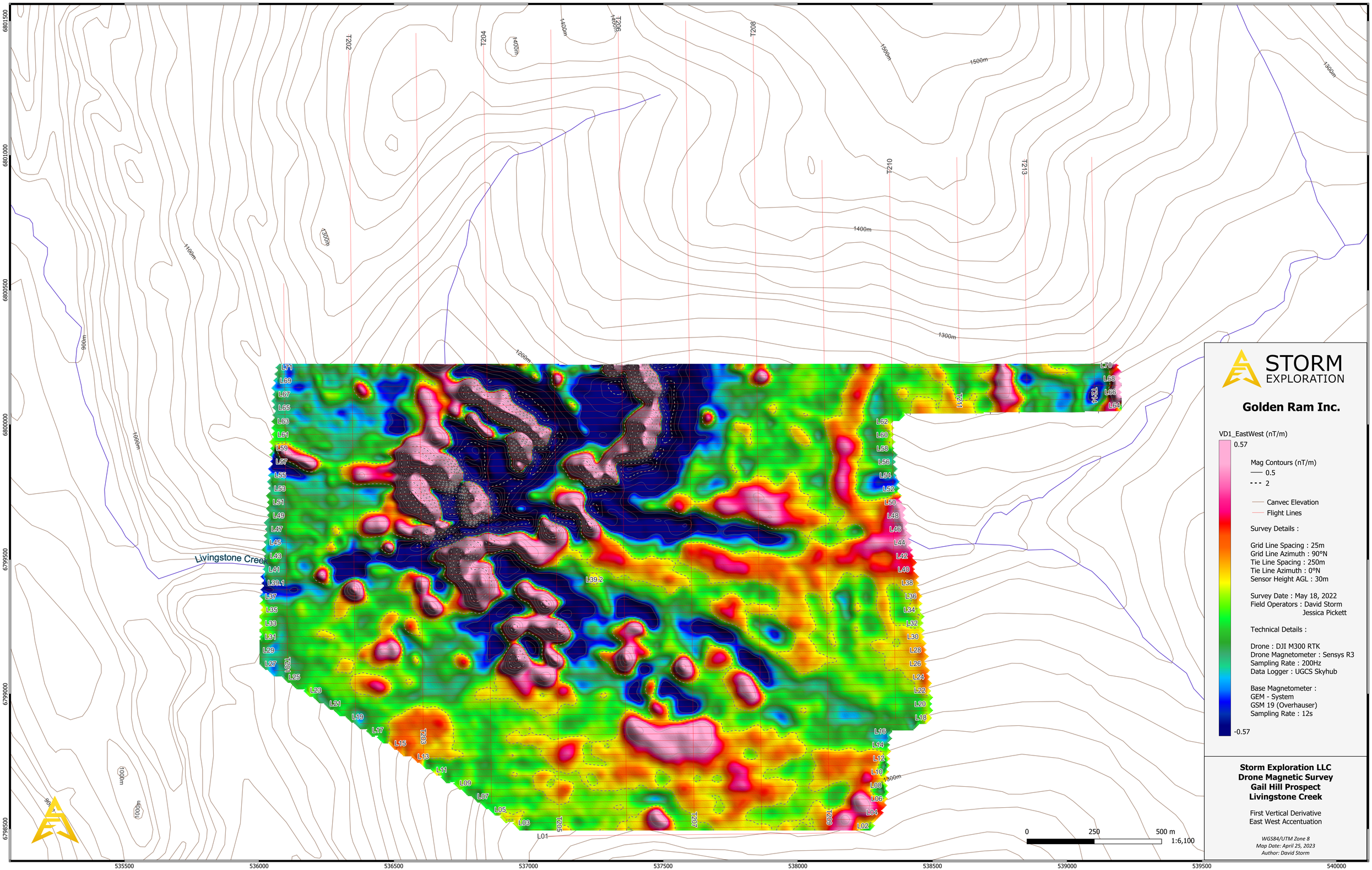
L08
L06
L04
L02
L70
L68
L66
L64
Livingstone Creek
0
250
500 m
1:6,100
STORM
EXPLORATION
Golden Ram Inc.
VD1_NorthSouth (nT/m)
0.57
-0.57
Mag Contours (nT/m)
0.5
2
Canvec Elevation
Flight Lines
Survey Details :
Grid Line Spacing : 25m
Grid Line Azimuth : 90°N
Tie Line Spacing : 250m
Tie Line Azimuth : 0°N
Sensor Height AGL : 30m
Survey Date : May 18, 2022
Field Operators : David Storm
Jessica Pickett
Technical Details :
Drone : DJI M300 RTK
Drone Magnetometer : Sensys R3
Sampling Rate : 200Hz
Data Logger : UGCS Skyhub
Base Magnetometer :
GEM - System
GSM 19 (Overhauser)
Sampling Rate : 12s
Storm Exploration LLC
Drone Magnetic Survey
Gail Hill Prospect
Livingstone Creek
First Vertical Derivative
North South Accentuation
WGS84/UTM Zone 8
Map Date: April 25, 2023
Author: David Storm



STORM EXPLORATION

Golden Ram Inc.

VD1_EastWest (nT/m)

0.57

-0.57

Mag Contours (nT/m)

0.5

2

Canvec Elevation

Flight Lines

Survey Details :

Grid Line Spacing : 25m
Grid Line Azimuth : 90°N
Tie Line Spacing : 250m
Tie Line Azimuth : 0°N
Sensor Height AGL : 30m

Survey Date : May 18, 2022
Field Operators : David Storm
Jessica Pickett

Technical Details :

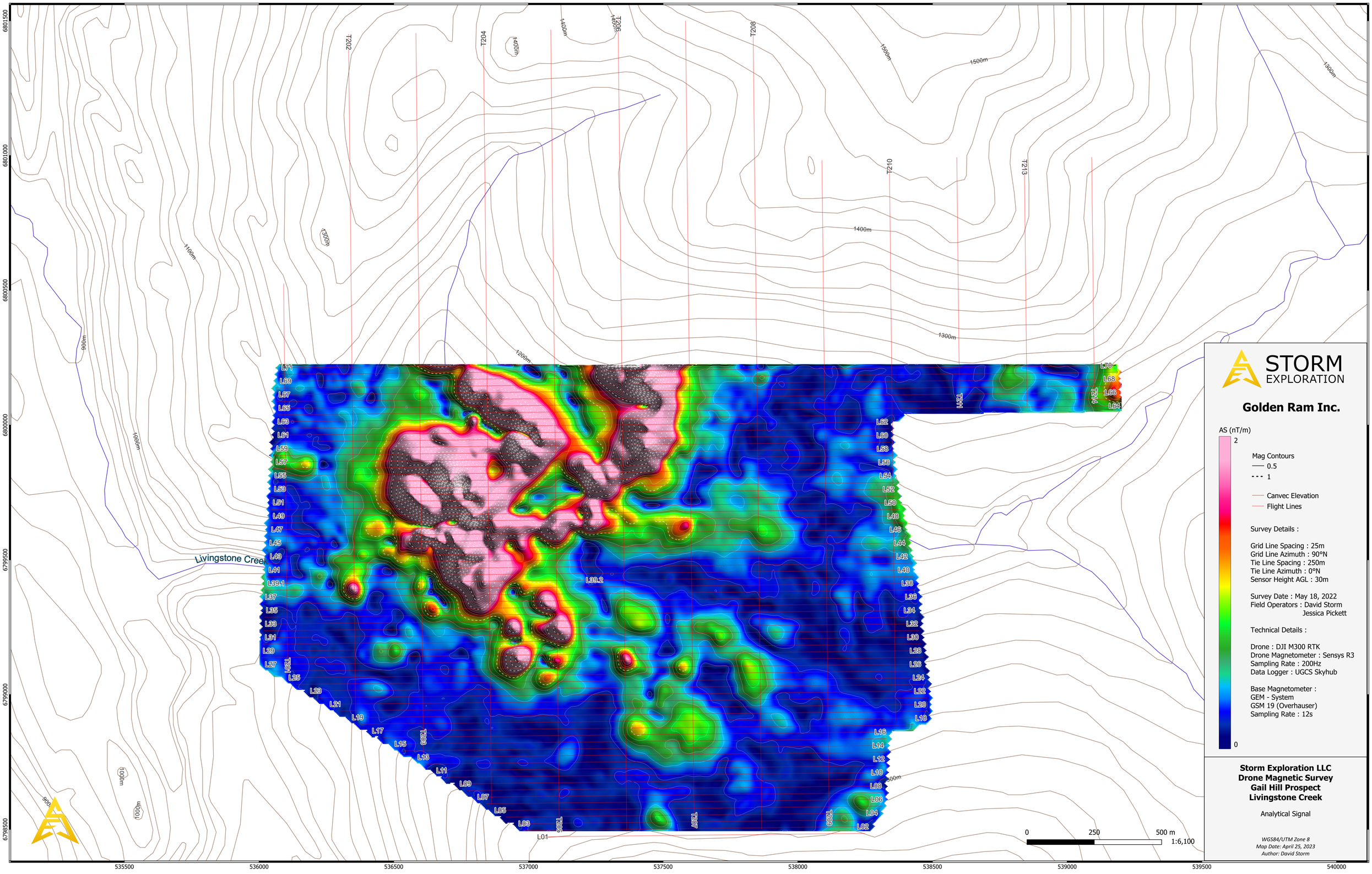
Drone : DJI M300 RTK
Drone Magnetometer : Sensys R3
Sampling Rate : 200Hz
Data Logger : UGCS Skyhub

Base Magnetometer :
GEM - System
GSM 19 (Overhauser)
Sampling Rate : 12s

Storm Exploration LLC
Drone Magnetic Survey
Gail Hill Prospect
Livingstone Creek

First Vertical Derivative
East West Accentuation

WGS84/UTM Zone 8
Map Date: April 25, 2023
Author: David Storm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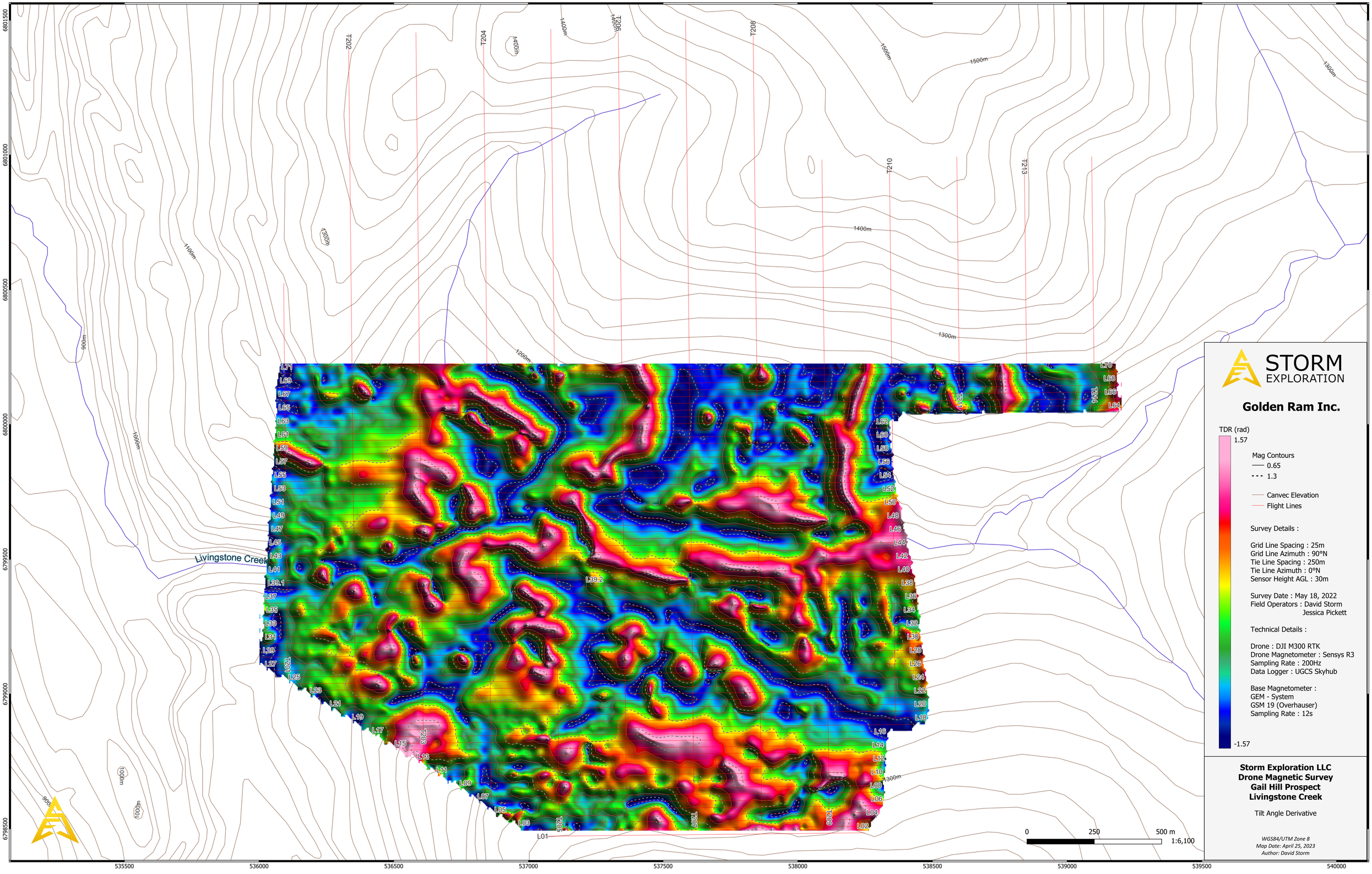
L18
L16
L14
L12
L10
L08
L06
L04
L02
1400m
1500m
1300m
1200m
1100m
1000m
900m
Livingstone Creek
0
250
500 m
1:6,100
STORM
EXPLORATION
Golden Ram Inc.
AS (nT/m)
2
0
Mag Contours
0.5
1
Canvec Elevation
Flight Lines
Survey Details :
Grid Line Spacing : 25m
Grid Line Azimuth : 90°N
Tie Line Spacing : 250m
Tie Line Azimuth : 0°N
Sensor Height AGL : 30m
Survey Date : May 18, 2022
Field Operators : David Storm
Jessica Pickett
Technical Details :
Drone : DJI M300 RTK
Drone Magnetometer : Sensys R3
Sampling Rate : 200Hz
Data Logger : UGCS Skyhub
Base Magnetometer :
GEM - System
GSM 19 (Overhauser)
Sampling Rate : 12s
Storm Exploration LLC
Drone Magnetic Survey
Gail Hill Prospect
Livingstone Creek
Analytical Signal
WGS84/UTM Zone 8
Map Date: April 25, 2023
Author: David Storm



STORM EXPLORATION

Golden Ram Inc.

TDR (rad)
1.57
-1.57

Mag Contours
0.65
1.3

Canvec Elevation
Flight Lines

Survey Details :

Grid Line Spacing : 25m
Grid Line Azimuth : 90°N
Tie Line Spacing : 250m
Tie Line Azimuth : 0°N
Sensor Height AGL : 30m

Survey Date : May 18, 2022
Field Operators : David Storm
Jessica Pickett

Technical Details :

Drone : DJI M300 RTK
Drone Magnetometer : Sensys R3
Sampling Rate : 200Hz
Data Logger : UGCS Skyhub

Base Magnetometer :
GEM - System
GSM 19 (Overhauser)
Sampling Rate : 12s

Storm Exploration LLC
Drone Magnetic Survey
Gail Hill Prospect
Livingstone Creek

Tilt Angle Derivative

WGS84/UTM Zone 8
Map Date: April 25, 2023
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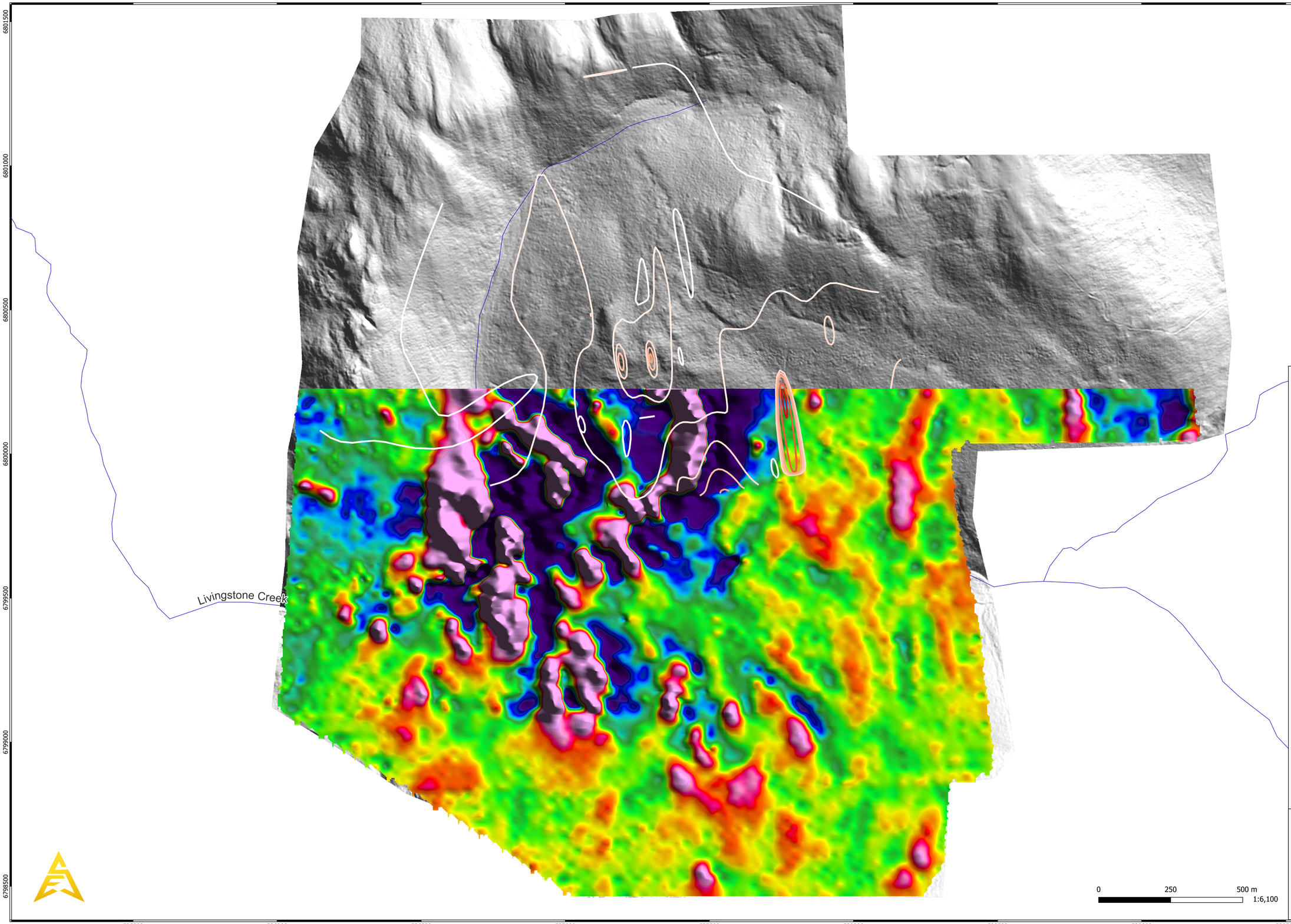

STORM EXPLORATION

Golden Ram Inc.

VD1_NorthSouth (nT/m)

0.57

Soil Contour Au (ppb)

- 2
- 6
- 14
- 22
- 30
- 50
- 70

-0.57

Survey Details :

Grid Line Spacing : 25m
Grid Line Azimuth : 90°N
Tie Line Spacing : 250m
Tie Line Azimuth : 0°N
Sensor Height AGL : 30m

Survey Date : May 18, 2022
Field Operators : David Storm
Jessica Pickett

Technical Details :

Drone : DJI M300 RTK
Drone Magnetometer : Sensys R3
Sampling Rate : 200Hz
Data Logger : UGCS Skyhub

Base Magnetometer :
GEM - System
GSM 19 (Overhauser)
Sampling Rate : 12s

0 250 500 m

1:6,100

Storm Exploration LLC
Gail Hill Prospect
Livingstone Creek

First Vertical Derivative
North South Accentuation
Soil Contour Au Overlay

WGS84/UTM Zone 8
Map Date: April 25, 2023
Author: David Storm