DC Environmental Solutions

2023 YMEP SUMMARY REPORT

PLACER MODULE

YMEP #23-019

FELLHAWK ENTERPRISES LTD.
LEWIS GULCH EXPLORATION PROJECT

Claims:

Lewis 1 (P 519525) – Lewis 21 (P 519545), Lewis 22 (P 523773) – Lewis 31 (P 523782)

January 2024

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1 INTRODUCTION

DC Environmental Solutions ('DCES') was retained by Fellhawk Enterprises Ltd. ('Fellhawk') to prepare the summary report for the 2023 YMEP (#23-019) program on Lewis Gulch, completed by Fellhawk, Northern Sonic Drilling and Consulting Inc. (NSDC) and DCES in 2023 under the YMEP Placer Module.

This report has been prepared by DCES in accordance with the requirements of YMEP Transfer Payment Agreement #23-019 between Government of Yukon and Fellhawk. This report outlines the results of the sonic exploration drilling work performed during the summer of 2023, and includes the following information:

- General description of the project site and associated placer claim information.
- List of applicable permits, licences, and authorizations in place during the 2023 YMEP project activities.
- Summary of regional, local and surficial geology of the project area.
- History of previous mining and exploration investigations in the Project Site area.
- Summary of the 2023 YMEP project activities.
- Summary of results and findings from the 2023 YMEP project.
- Summary of the 2023 YMEP project expenditures.
- Recommendations.

Relevant tables, figures, maps and drone imagery have been included in this document to further supplement the information presented herein.

1.1 PROJECT PURPOSE

The purpose of the 2023 YMEP program by Fellhawk was to explore the upper reaches of Lewis Gulch to further identify and define the distribution of placer gold within the drainage based on results for previous exploration activities. Lewis Gulch is a tributary of the Left Fork of Clear Creek and located within the Dawson Mining District.

Placer gold mining in Clear Creek extends back to 1900, when the discovery claim was staked. The Clear Creek drainage has had a long and varied history of placer mining activities including hand workings, hydraulic monitoring, draglines, two periods of dredging, and contemporary heavy machinery usage. Approximately 129,000 crude ounces (4012 kg) of gold production has been reported since 1941, which includes 49,637 crude ounces (1544 kg) obtained by dredging operations (1941 to 1955, and 1981 to 1987). Placer gold nuggets found in the Clear Creek drainage gravels have been reported as weighing up to 7 ounces (Marsh, E., et al., 1999). The Clear Creek area is a very active placer mining region in the Yukon with 14 active Placer Mining Land Use Permits, three Class 1 Notifications and one Placer lease that currently cover the majority of the entire Clear Creek drainage (Government of Yukon, 2023a).

Hard rock exploration in the Clear Creek region has been documented since 1902 and has gained significant attention in recent years, with Rhosgobel, Josephine, Lewis and Pukelman mineral occurrences having been identified in the late 1980's near the headwaters of Clear Creek on the left fork and in proximity to the Project Site. More recent work on the Lower Saddle, Eiger Zone and Blackjack mineral occurrences was conducted in 2022 directly upstream of the proposed YMEP Project to further classify

the mineral prospect areas (Government of Yukon 2023b).

Given the historic placer mining activity and gold recovery on Clear Creek, historic hard rock exploration activities and known gold mineralization occurrences in the area, there is the potential for elevated placer gold values and future mining targets within the Project Site boundary.

2 PROJECT SITE DESRIPTION

2.1 PROJECT LOCATION

The Lewis Gulch is located on the Left Fork of Clear Creek at the northeast corner of the Stewart River watershed near the Stewart River / Klondike River Watershed divide.

The Project Site is situated approximately 144 km southeast of Dawson City by road, and accessed via the Clear Creek Road at km 609.2 of the North Klondike Highway. The Clear Creek Road winds its way northeast up the Barlow Dome and then drops down into the Clear Creek valley to the southeast. The route then continues northeast along the Left Fork of Clear Creek to Lewis Gulch on the right limit of the valley (Figure 1).

The coordinates for the centroid of the Project Site and associated NTS map sheet are provided below.

Project Coordinates:

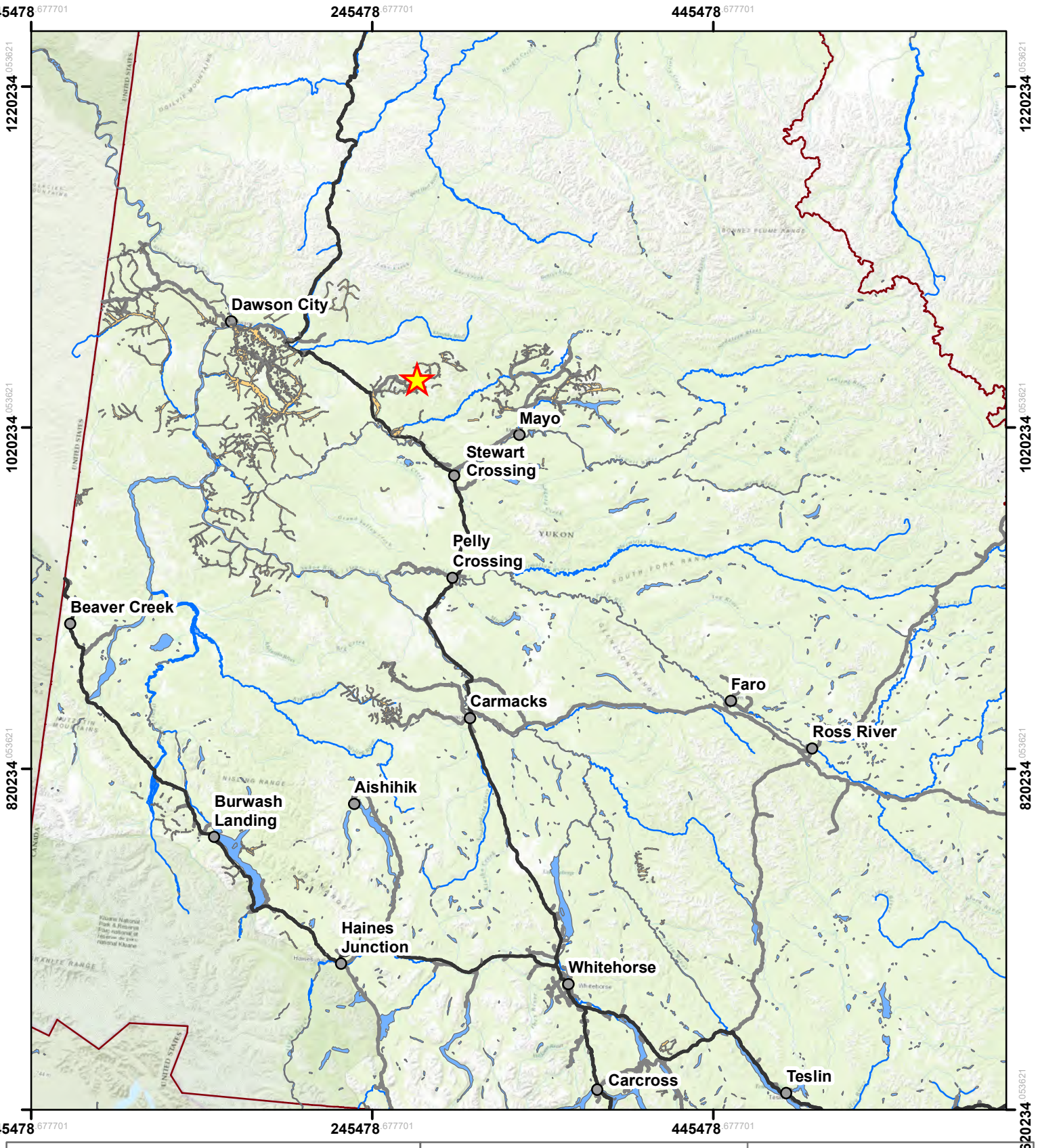
Latitude:	63° 51’ 43” N	Longitude:	137° 10’ 19” W
NTS Map Sheet:	115P14		

The Project Site is bordered to the southwest by staked placer claims on the Left Fork of Clear Creek, further to the northeast in the Klondike River watershed on Josephine Creek, and also east on Big Creek. The surrounding claims all have active water licences and Class 4 mining land use approvals on them. The operator directly downstream of the Project Site on the Left Fork of Clear Creek is Blackstone Placer Mining (LP01302), while Schmidt Mining Corp. is currently operating on Josephine Creek (LP01430) and Gold Pan Corp. is operating on Big Creek (LP 01435).

The Project Site is primarily included within the boundary of Water Licence and Class 4 Placer Mining Land Use Approval PM19-019/AP19019, issued to Ryan Coe. The Project Site includes existing road/trail access up the Lewis Gulch valley was used to support the proposed exploration activities.

2.2 FIRST NATION TRADITIONAL TERRITORY

The Project Site is located within the Traditional Territory of the Tr'ondëk Hwëch'in First Nation and the First Nation of Na-cho Nyäk Dun. The closest parcel of First Nation Settlement Land is NND R-23B, located approximately 60 km downstream of the Project Site, along Clear Creek near the confluence with the Stewart River. See Figure 2 for the Project Location and proximity to First Nation Settlement Land.



Legend

2023 YMEP Project Location

N

0 25 50 100 150

Kilometers

Map Scale: 1:3,000,000 (printed on 8" x 11")
Map Projection: NAD 1983 Yukon Albers

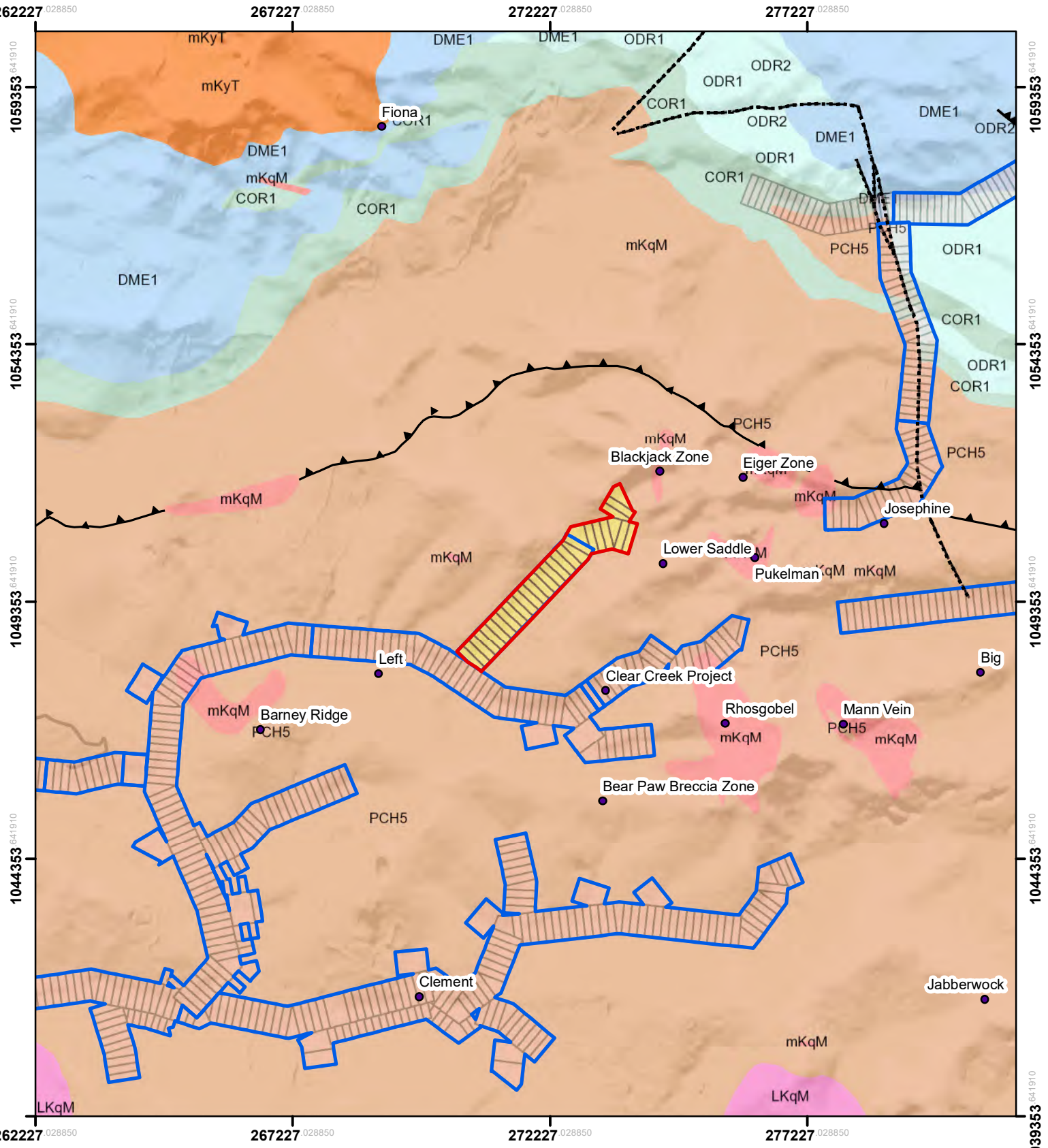
Map information has been generated by DCES from ESRI, CanVec, NHN, and Government of Yukon sources. Information may contain errors from data sources.

DC Environmental Solutions

Title:
YMEP Project Location - Lewis Gulch

Proponent:
Fellhawk Enterprises Ltd.

Drawn by:	Date:	Figure:
DC	2023-03-26	1



Legend

- 2023 Lewis Gulch YMEP Claims
- Surrounding Placer Claims
- Mineral Occurance
- First Nation Settlement Land
- Placer Land Use Permit

Faults

- normal
- reverse
- strike slip
- thrust
- unknown

DC Environmental Solutions

N

0 1 2 4

Kilometers

Map Scale: 1:100,000 (printed on 8" x 11")

Map Projection: NAD 1983 Yukon Albers

Map information has been generated by DCES from ESRI, CanVec, NHN, and Government of Yukon sources. Information may contain errors from data sources.

Title:

YMEP Project Location and Surrounding Bedrock Geology

Proponent:

Fellhawk Enterprises Ltd.

Drawn by:	Date:	Figure:
DC	2023-03-26	1

2.3 2023 YMEP Project Claim Information

The Project Site includes 31 contiguous placer claims registered to Ryan Coe and Corwin Coe, which are listed in Table 1 below. Fellhawk and Ryan Coe / Corwin Coe entered into an agreement allowing Fellhawk to conduct exploration activities on the existing claims under the current water licence and Class 4 MLUA from Lewis 1 to Lewis 21, and under a Class 1 Notification from Lewis 22 – Lewis 31. A claim status report for the 31 claims is included in Appendix A of this application.

Table 1. List of Claims included in the 2023 YMEP Application

Claim Name	Claim Number	Claim Registration
Lewis 1	P 519525	Ryan Coe - 100%
Lewis 2	P 519526	Ryan Coe - 100%
Lewis 3	P 519527	Ryan Coe - 100%
Lewis 4	P 519528	Ryan Coe - 100%
Lewis 5	P 519529	Ryan Coe - 100%
Lewis 6	P 519530	Ryan Coe - 100%
Lewis 7	P 519531	Ryan Coe - 100%
Lewis 8	P 519532	Ryan Coe - 100%
Lewis 9	P 519533	Ryan Coe - 100%
Lewis 10	P 519534	Ryan Coe - 100%
Lewis 11	P 519535	Ryan Coe - 100%
Lewis 12	P 519536	Ryan Coe - 100%
Lewis 13	P 519537	Ryan Coe - 100%
Lewis 14	P 519538	Ryan Coe - 100%
Lewis 15	P 519539	Ryan Coe - 100%
Lewis 16	P 519540	Ryan Coe - 100%
Lewis 17	P 519541	Ryan Coe - 100%
Lewis 19	P 519542	Ryan Coe - 100%
Lewis 19	P 519543	Ryan Coe - 100%
Lewis 20	P 519544	Ryan Coe - 100%
Lewis 21	P 519545	Ryan Coe - 100%
Lewis 22	P 523773	Ryan Coe - 100%
Lewis 23	P 523774	Ryan Coe - 100%
Lewis 24	P 523775	Ryan Coe - 100%
Lewis 25	P 523776	Ryan Coe - 100%
Lewis 26	P 523777	Ryan Coe - 100%
Lewis 27	P 523778	Ryan Coe - 100%
Lewis 28	P 523779	Ryan Coe - 100%
Lewis 29	P 523780	Corwin Coe - 100%
Lewis 30	P 523781	Corwin Coe - 100%
Lewis 31	P 523782	Corwin Coe - 100%

Fellhawk has also entered into an agreement with Ryan Coe to access water through water licence PM19-019 for processing of exploration drilling samples during the proposed 2023 YMEP Program.

2.4 PLACER STREAM CLASSIFICATION AND WATERSHED

The Project Site is located within the area covered by Stewart River Watershed – Fisheries and Oceans Canada (DFO) Placer Mining Authorization. The DFO Placer Stream Classification is the same over the 31 placer claims. A summary of the DFO Operational and Restoration habitat classifications standards is presented for each claim in Table 2 below.

Table 2. DFO Operational Restoration Stream Classification Standards on the Project Site

Claims	Operational Standard	Habitat Suitability / Restorations Standard
P 519525 – P 519545	Low	Low
P 523773 – P 52382	Low	Low

All exploration activities were completed in accordance with the DFO Operation and Restoration Standards in Table 2 and applicable DFO work sheets included as part of the PM19-019/AP19-019 water licence and Class 4 Mining Land Use Approval, and Class 1 Notification conditions.

3 PERMITS, LICENCES, AUTHORIZATIONS, NOTIFICATIONS AND AGREEMENTS

The following permits, licences, authorizations, notifications, and agreements identified in Table 3 were in place during exploration activities which allowed the proposed 2023 YMEP project to proceed.

Table 3. List of Applicable Permits, Licences, Authorizations, Notifications and Agreements

YG Department, Branch or Company	Legislation	Approval/Authorization/ Licence/Permit/Agreement
Federal Government Agency		
Fisheries and Oceans Canada (DFO)	*Fisheries Act* and Regulations	Stewart River Watershed Placer Mining Authorization (08-HPAC-PA5-00044-2)
Territorial Agency		
YG Executive Council Office, Yukon Water Board	*Yukon Waters Act* and Regulations (Schedule 6 – Placer Mining Undertaking)	Ryan Coe Type B Water Licence PM19-019

YG Department, Branch or Company	Legislation	Approval/Authorization/ Licence/Permit/Agreement
YG Energy, Mines and Resources (EMR), Minerals Branch	*Placer Mining Act* and Regulations	Ryan Coe Class 4 Placer Mining Land Use Approval for Operating Plan AP19019 & Class 1 Notification
Private Agreements		
Fellhawk Enterprises Ltd.	Ryan Coe / Corwin Coe	Agreement to perform exploration activities on 31 placer claims on Lewis Gulch

4 BIOPHYSICAL PROPERTIES AND CLIMATE

The Project Site is located within the Yukon Plateau - North Ecoregion, which is part of the Boreal Cordillera Ecozone. The Boreal Cordillera Ecozone covers sections of northern British Columbia and Southern Yukon and is an extension of the boreal forest zone that stretches across the continent (Smith et al., 2004).

The Yukon Plateau - North Ecoregion is the largest ecoregion entirely within the Yukon. The ecoregion was intensely glaciated by the Cordilleran Ice Sheet, local glaciers that emanated from the South Ogilvie Mountains and local cirque glaciers from the highest peaks in the ecoregion at different glacial periods, with the exception of unglaciated summits or nunataks (Smith et al., 2004).

Mean annual temperatures within the ecoregion are near -5 °C, but there is a strong seasonal variability accentuated by difference of elevation. Mean July temperatures range from below -30 °C in the lower valleys to above -20 °C over the higher terrain. This gradient is dramatically reversed by July and with temperatures in the lower valley floors of 15 °C, which drop to near 8 °C over the higher terrain. Extreme temperatures in the lower valley floors have raged from -62 °C to 36 °C. Over higher terrain the extremes are more moderate (Smith et al., 2004).

Precipitation in the ecoregion is relatively moderate showing an increase over eastern sections as a result of upslope conditions over the higher terrain. Annual amounts rage from near 300 mm in a minor rain show along the Tintina Trench, to near 600 mm over higher terrain of the easter section. The wettest period is during July and August with monthly amounts of 40 mm to 80 mm from rain showers and thunderstorms. Precipitation within the ecoregion typically ranges from 300 mm to 500 mm annually (Smith et al., 2004). Annual stream flow is characterized by a rapid increase in snowmelt discharge to a peak in June with secondary rainfall generated peaks throughout the summer. On smaller streams, approximately 40% of the annual maximum flows are due to intense summer rainstorm events (Smith et al., 2004).

The Lewis Gulch Property covers moderate terrain, with elevations ranging from 1,200 metres to 1,400 metres. Forest cover is fairly thin and consists mostly of black and white spruce and willows, with higher elevations covered by talus and felsenmeer.

5 GEOLOGICAL CONDITIONS

5.1 REGIONAL GEOLOGY

The area has been mapped at 1:50,000 scale (Murphy & Heon, 1996), and the regional geology has been comprehensively studied and described. A study of the geology and geochemistry of the gold deposits in the area (Marsh et. al., 1999) contains the following description of the regional geology:

> *"The Clear Creek area is underlain by phyllite, quartzite, psammite, calc-phyllite, calc-silicate, grit and marble of the Yusezyu Formation of the Neoproterozoic to Early Cambrian Hyland Group (Murphy, 1997). The strata along the northern Selwyn Basin margin are imbricated by thrust faults of Jurassic and Early Cretaceous age. The Clear Creek area is in the hanging wall of the Robert Service Thrust within an east-trending, moderately north-dipping, transposed assemblage of lower greenschist facies rocks of the Tombstone Strain Zone. At the headwaters of Clear Creek, six Tombstone intrusions, the Saddle, Eiger, Pukelman, Rhosgobel, Josephine and Big Creek stocks, have surface exposures ranging from 0.2 to 3.5 km. They yield U-Pb dates of ~92 Ma and are part of the Tombstone plutonic suite (Murphy, 1997). Notable gold occurs within and surrounding all except the Big Creek stock. The Saddle, Pukelman and Rhosgobel stocks are composed of medium- to coarse-grained quartz monzonite characterized by large (1 cm) alkali feldspar phenocrysts. Local zones are granitic and aplitic, particularly in the southern Rhosgobel stock. Biotite is the dominant mafic mineral, but hornblende is not uncommon. The Josephine and Big Creek stocks are composed of fine- to medium-grained, equigranular granodiorite. The Eiger stock is composed of fine to medium grained, equigranular diorite with rare mafic phenocrysts. The intrusions have good exposure above treeline.*
>
> *Contact metamorphism of the Hyland Group country rocks extends for as much as 0.5 km around the stocks and is dominated by a resistant, rusty weathering biotite hornfels.*
>
> *Calcareous rocks are altered to calc-silicate and thin carbonate beds locally form small skarns. Dykes, a common feature of the Clear Creek area, are dominantly ESE-trending and dip steeply: they are dominantly felsic, mostly composed of the porphyritic quartz monzonite. Also common are granite, quartz-feldspar porphyry, and rhyolite dykes. The felsic dykes are generally 0.5 to 2 m wide. Pegmatite and aplite dykes are thinner and are sparse outside of the intrusions. Lamprophyre dykes are up to 12 m wide, contain sparse biotite phenocrysts and biotite-diopside nodules, and cut all intrusive phases."*

Allen et. al. (1999) describes the glacial history of the region as:

> *"...the Clear Creek region was affected by the pre-Reid (early Pleistocene), Reid (middle Pleistocene), and McConnell (late Pleistocene) glacial periods. The pre-Reid glacial period, the most extensive glaciation in the Yukon with multiple stages, was the only event that directly affected the valleys of Clear Creek."*

5.2 Local Geology

The project area is underlain mostly by Hyland Group, Yusezyu Formation metasediments exhibiting multi-episodic deformation resulting in a fabric of pervasive foliation and several styles of folding. Areas proximal to the Clear Creek intrusions exhibit hornfelsing and contact metamorphic and metasomatic fabrics. Stephens et al. (2003) have divided the homfelsed aureole into two zones: an inner aureole of contact metasomatism with skarn development, strong foliation and a strong contact metamorphic overprint of biotite-andalusite; and an outer aureole characterized by a contact metamorphic overprint of biotite and andalusite.

5.3 Surficial Geology

The Clear Creek drainage basin, according to Allen et al. (1999), was effected by both the pre-Reid, Reid, and McConnell glacial periods but the pre-Reid glacial period was the only event that directly affected the valleys of Clear Creek. Glacial erratics are found on slopes up to an elevation of 945 metres. Surfaces above that are unglaciated except where independent montane glaciers existed locally. At upper elevations, felsenmeer (frost heaved rubble and rubbly outcrop) predominate.

Creek and gulch placer deposits in the Clear Creek basin developed in a brecciated stream environment as a result of down cutting and gravelly sedimentation after a pre-Reid glacial advance.

6 SUMMARY OF PREVIOUS WORKS

The following section highlights the available history of exploration and mining activities within and in proximity of the Project Site, which were used to help is identify the 2023 YMEP project targets.

6.1 Placer Exploration and Mining Operations

Lewis Gulch is a tributary to left Clear Creek. Clear Cree has been mined for placer gold for several decades. Placer mining began in the Clear Creek area towards the close of the 19th Century, with staking of numerous quartz claims and small mine workings occurring in the early 1900s. Placer mining continues to the present day, with total production of placer gold from the Clear Creek drainage estimated to exceed 130,000 ounces (Allen, 1999).

Lewis Gulch has identified by the Yukon Geological Survey as having high potential to contain placer gold. Regional silt stream sediment sampling in the area shows anomalous gold in all the drainages and one sample in Lewis Gulch returned 47 ppb gold. At the headwaters draining into Lewis Gulch, in the vicinity of the Saddle Stock (also known as 'BlackJack'), anomalous gold in soils is documented (Marsh, E., et al., 1999). The intrusions in this area have been extensively explored and are known to be associated with Intrusion Related Gold Deposits and erosion of these types of deposits could be possible source for placer gold.

6.1.1 2016 Exploration Activities

In 2016 a prospecting lease (Lease No. ID01496) was granted by the Yukon Government to the staker, Ryan Coe, and approved initial prospecting activities as described in Mr. Coe's application. The

Prospecting Lease was staked to cover a target area along Lewis Gulch that had been identified based on historic and current placer activity work within the Left Clear Creek drainage of the area, anomalous gold identified by the government's regional geochemical survey, and the Yukon Geological Survey's Yukon Gold Potential Map (Bond, J., 2013) that identifies the creek as having 'High Probability' of containing placer gold. Exploration work in 2017 involved digging test pits in order to determine depth to bedrock, obtain geological information and gather sample material at various horizons, and analyses to determine gold content. The general area has had active placer production for several decades with the most recent at Nelson Harper's operation on Left Clear Creek approximately 1 km upstream from the junction of Lewis Gulch and Left Clear Creek.

6.1.2 2017 Exploration Activities

In 2017, a total of seven test pits were dug and the material was processed by putting a known volume through a portable Long Tom sluice and then panning the material caught in the miners moss below the riffles. Placer gold was present in all test pits. Sufficient work was conducted and approved by the Yukon mining recorder on the Prospecting Lease part way through the 2017 program and a decision was made to stake the area with placer claims. A total of 21 placer claims, named Lewis #1 to # 21, were staked over the area previously blanketed by the Prospecting Lease. Bulk testing of the alluvial gravels was recommended to further define the extent and average value of the placer gravels (Coe, C., 2017). The work was conducted under YMEP# 2017-068.

6.1.3 2018 Exploration Activities

In 2018 exploration work focused on bulk sampling targeted at locations where the highest placer gold results were obtained from test pits dug in 2017. The bulk testing consisted of digging two test pits and processing gravel from these pits through a 10-yard per hour shaker deck test plant. A total of 20 cubic yards of material were processed from one pit and 65 cubic yards of material were processed from the other. Gold was recovered from both test pits with 0.65 grams of gold produced from Test Pit # 18-01 and 2.25 grams of gold produced from Test Pit # 18- 02. The work was conducted under YMEP# 2018-035.

6.1.4 2019 Exploration Activities

In 2019, exploration work included digging four test cuts (pits) and trenches in areas that no testing had been conducted and access was available. A 2-man crew was mobilized to the project site for 2 days to establish test sites, oversee excavation of test pits, and pan for gold in each test pit. A total of 2,668 cubic yards of gravel was excavated and panning of the deepest portion of the cuts were done. The 2019 exploration program at Lewis Gulch was successful in identifying auriferous alluvial deposits within Lewis Gulch in all test pits. Substantial evidence exists to postulate that this gold is widespread through the valley and quite possibly to the headwaters of the creek. The sub-angular nature of the gold suggests it has not travelled far and could be coming from the intrusion related gold mineralization at the headwaters of the valley. The work was conducted under YMEP# 2019-077.

6.1.5 2020 Exploration Activities

Between August 29th and September 15th of 2020, exploration work conducted on Lewis Gulch focused on extending the road upstream to the end of the claim block and on digging test pits and trenching along areas not previously accessible. Bulk testing consisted of digging two test pits/ trenches and processing

material by putting a known volume through a portable Long Tom sluice and then panning the material caught in the miners moss below the riffles. Placer gold was present in both test pits. Work was conducted on placer claims Lewis # 16 and 18.

Contract excavation and road work was done by Fox Exploration Ltd. using a Caterpillar D5 a Volvo 220 DL excavator. The excavator was unable to reach bedrock and therefore a larger excavator is required to achieve this. The trench exposed by the excavator was approximately 1.8 m - 2.4m (6 ft - 8 ft) of gravel in the valley bottom and spanned approximately 75% of the valley width. Two gravel units were present in the trench including a coarser, siltier, higher energy deposit near the bedrock surface. The thickness of the lower unit is unknown but estimated to be 0.6 m (2ft) thick (Van Loon and Bond, 2021).

Approximately one mile of access road was constructed from Lewis claim # 10 to Lewis Claim # 19. The work was conducted under YMEP# 2020-034.

A Prospecting Lease was also staked upstream and contiguous with the Lewis placer claims. This was done at the suggestion of Jeff Bond, YGS chief placer geologist, who visited the claims on September 13, 2020 and indicated this might be prudent as there is a possibility that placer gold could be blocked upstream by glacial and outwash sediments.

6.1.6 2021 Exploration Activities

In 2021 the owner, Ryan Coe, again received approval for YMEP participation on the Lewis placer claim for proposed work. The exploration work was focused on extending the road upstream to the end of the claim block and then extending a trail to two pit target locations on the Prospecting lease. Two test pits were completed on the prospecting lease ground in areas not previously accessible. Testing consisted of digging two test pits and processing material by putting a known volume through a portable Long Tom sluice and then panning the material caught in the miners moss below the riffles.

Placer gold was present in both test pits. A Prospecting Lease was also staked upstream along the west fork of Lewis Creek and contiguous with the Lewis placer claims. This was done after the drainage was identified as the main drainage for the in-situ gold mineralization currently being explored by Sitka Gold Corp. The work was conducted under YMEP# 2021-010.

The prospecting leases were staked into placer claims by Ryan Coe and Corwin Coe between August 31 - September 1, 2022 and registered with the Mining Recorder's Office on between September 9 - 12, 2022

6.2 Quartz Exploration

Significant hard rock exploration has been conducted in the area by several companies which are too detailed to list; however, it is noted that several mineral prospects have been identified within the Lewis Gulch drainage and adjacent Josephine drainage. These prospects are identified as potentially contributing to the Lewis Gulch and surrounding placer gold deposits, and are briefly discussed below.

6.2.1 Pukelman Mineral Occurrence

The Pukelman mineral occurrence was discovered in 1969 and was originally staked as the Pukelman Claim by Canada Tungsten Mining Corporation in 1971. The area has been optioned several times over the years, with geochemical sampling, drilling, trenching and VLF-EM surveys being conducted by several companies to date (YGS, 2023a).

Drilling conducted in 1988 identified a soil anomaly over a strike length of 250 m. Each hole intersected the same northeast-trending fault marked by limonite and gouge, and associated with bleaching, argillization, sericitization and silicification of the porphyry and metasedimentary wall rocks. Narrow stringers of quartz, arsenopyrite and pyrite occur in the fault zone, and arsenopyrite and pyrite are disseminated in the dyke. Intersections from the fault zone assayed up to 2.19 g/t Au over 3.55 m and 4.68 g/t Au over 1.80 m, with values as high as 8.60 g/t Au over 1.1 m in the immediate hanging wall. At the east end of the Contact zone, a quartz-arsenopyrite vein in the footwall assayed 1.01 g/t Au over 4.3 m (YGS, 2023a).

Radiometric data suggests that the Pukelman, Saddle (Blackjack), Eiger and Josephine stocks are part of a single intrusive body (YGS, 2023a).

6.2.2 Lower Saddle Mineral Occurrence

The Lower Saddle mineral occurrence was identified near the top of the drainage along the left limit of the Lewis Gulch drainage above Lewis 28 (YGS, 2023b). Limited information is available at this location on the mineral occurrence website but is identified as a plutonic related gold deposit.

6.2.3 Eiger Zone and Blackjack Mineral Occurrences

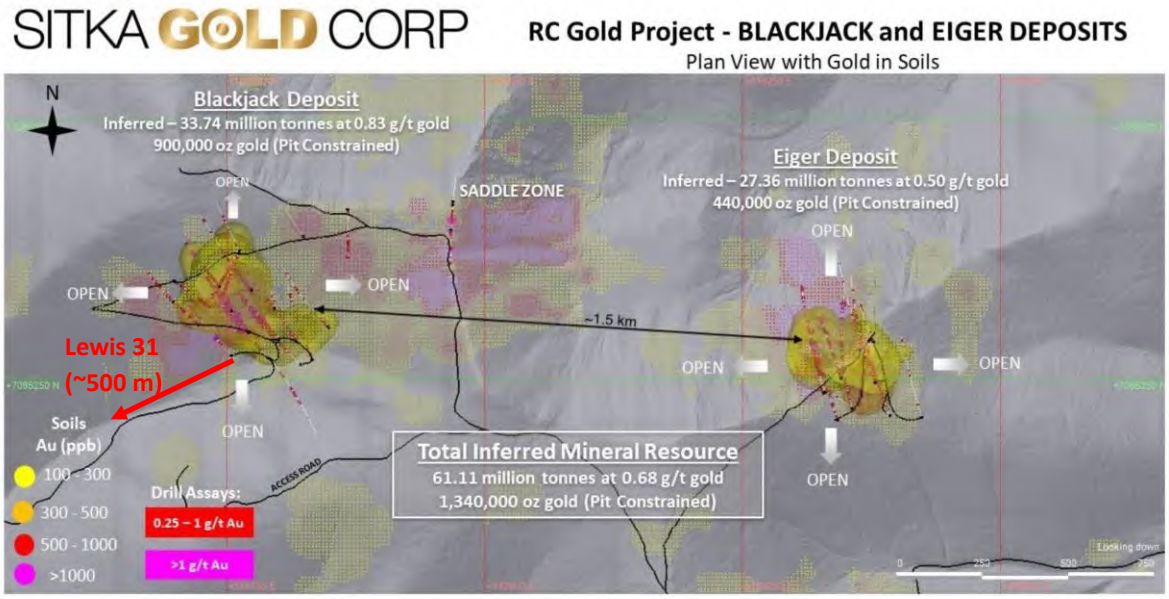
The Eiger Zone mineral occurrence is located approximately 2.2 km northeast of Lewis 31 on the Project Site, and 1.5 km north of the Pukelman Stock. RC drilling on the Eiger Zone in 1992 by Noranda returned 0.65 g/t gold over 88.09 m and a trench (E-1) returned 1.09 g/t gold over 35.0 m (YGS, 2023c).

The Blackjack mineral occurrence is located near the top of the drainage directly above Leis 29 – Lewis 31. Selected historic rock samples returned values up to 16.0 g/t gold and soil values were up to 2,090 ppb. RC drilling conducted in 1992 by Noranda returned 0.414 g/t gold over 22.0 m and a trench (S-2) returned 2.11 g/t gold over 25.0 m and 0.401 g/t gold over 55.0 m. Drilling on the occurrence by Sitka Gold Corp in 2022 returned 1.44 g/t gold over 107.5 m in hole DDRCCC-22-024 and 1.01 g/t gold over 205.8 m in hole DDRCCC-22-023 (YGS, 2023d).

In January 2023, Sitka Gold Corp. announced an Initial Mineral Resource Estimate of 1,340,000 ounces of gold at the RC Gold Project which is comprised of two deposits: the Blackjack deposit containing 900,000 ounces of gold at a grade of 0.83 g/t gold and the Eiger deposit containing 440,000 ounces of gold at a grade of 0.50 g/t gold (Simpson, 2023).

As of March 1, 2023 just 38 diamond drill holes have been drilled into this system for a total of approximately 13,000 metres with results of up to 201.0 m of 1.26 g/t gold from surface, including 82.0 m of 2.04 g/t gold and 19.5 m of 4.87 g/t gold at Blackjack (drill hole DDRCCC-22-040 and 354 m of 0.41 g/t gold including 72 m of 0.72 g/t gold at Eiger (drill hole DDRCCC-21-09) (Sitka Gold Corp., 2023).

The figure below was cropped from the Sitka Gold Corp website on March 28, 2023 and identifies the inferred area of the Black Jack and Eiger Deposits (Sitka Gold Corp., 2023). The distance and direction to the Project Site is also included in the figure (in **Red**) for reference.



(https://www.sitkagoldcorp.com/rc-gold.html)

7 2023 YMEP EXPLORATION PROJECT

The 2023 YMEP project directed by Fellhawk was designed to investigate the potential for of economical placer deposit in the Lewis Gulch drainage with specific interest in the upper portion of the drainage given the historic gold production on Clear Creek, previous YMEP exploration work conducted on Lewis Gulch, advice provided by Jeff Bond, and the new announcement by Sitka Gold Corp in 2023 in the area of the Blackjack and Lower Saddle mineral occurrences.

Additional drilling was also conducted in the lower section of the Lewis Gulch drainage to assess overburden, gravel and bedrock conditions as trenching activities conducted during the 2020 YMEP exploration program were unable to reach deep enough in order to evaluate placer gold values near the gravel/bedrock interface.

7.1 2023 YMEP Project Activities

The following section provides a summary of the 2023 YMEP project activities conducted by Fellhawk, NSDC and DCES at the Project Site.

7.1.1 Project Team and Duties

Fellhawk retained Northern Sonic Drilling and Consultants (NSDC) to conduct a sonic drilling program on the Project Site. Fellhawk provided support to NSDC during the drilling program including initial onsite field assessment with NSDC and drill plan direction.

NSDC provided a full size sonic drill rig and support equipment, mobilization and demobilization of drilling equipment, labour for drilling and material processing.

DCES provided onsite observations and drone mapping services during the drill program, and prepared

the YMEP status report and final financial report to support the YMEP program deliverables.

The number of workers on site during the program included:

- Fellhawk – 1 staff (Will Fellers)
- Northern Sonic Drilling and Consultants – 3 staff
- DC Environmental Solutions (DCES) – 1 staff

The number of days related to the project field work included:

- Working Days: 6 total, including:
    - 2 mobilization and site assessment.
    - 3 days drilling
    - 1 day of drone mapping
    - 1 day of demobilization

A summary of the onsite exploration activities performed by NSDC, Fellhawk and DCES are provided below.

Northern Sonic Drilling and Consulting Activities

- Mobilization of equipment and three staff members
    - Terra Sonic TSi 150c sonic drill and 6 inch diameter auger.
    - Foremost TVS1000 support vehicle.
    - Ford F350 Pick Up Truck for transportation.
- Drilling of 31 sonic drill – 607 ft (185 m) in total depth.
- Drill core logging.
- Sample processing and gold recovery analysis.

Fellhawk Activities

- Site Assessment and drill plan direction
- Vehicle use
- Meals / daily expenses
- Mobilization and Demobilization

DC Environmental Solutions Activities

- Drone mapping and 3D imagery using a DJI Mavic 3 Enterprise drone and DJI Terra mapping software.
- Vehicle use
- Meals / daily expenses
- Mobilization and Demobilization

Table 4. Summary of Site Activities

Activities	Dates	Employees/Contractor
Mobilization, Site Assessment and Drill Plan Direction	August 1-2, 2022	Fellhawk, NSDC
Drill Hole MM23-01 – MM23-02	August 3, 2023	NSDC
Drill Holes: MM23-02 – MM23-07, Drone Mapping	August 4, 2023	NSDC, DCES
Drill Holes: MM23-02 – MM23-07, Demobilization	August 5-6, 2023	NSDC

A pre-project site assessment and onsite meeting was conducted with Fellhawk and NSDC to review site conditions and discuss the YMEP program drill plan. Existing roads and trails were used to provide access for drilling and support equipment.

A Terra Sonic TSi 150c sonic drill and a Foremost TVS1000 support vehicle were used by NSDC to complete the drilling program. A Ford F350 pickup truck was used to transport NSDC crew to and from the Project Site. Samples were processed on site as they were drilled using a custom built sample trailer designed to minimize cross contamination of samples and allow for accurate core analysis.

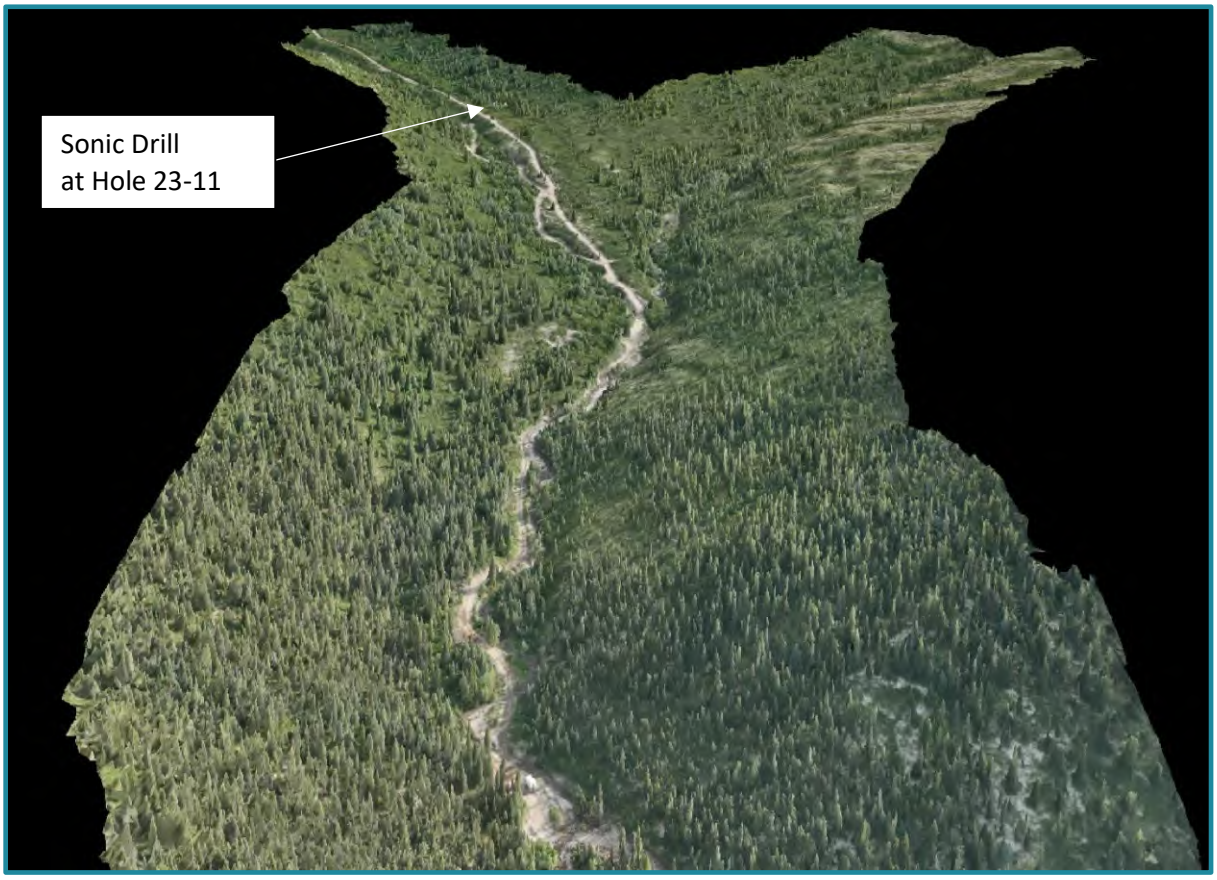
NSDC Terra Sonic TSi 150c sonic drill rig and a Foremost TVS1000 support vehicle at Drill Hole 23-011

The NSDC sample trailer includes a 12 ft long trough where the drill core can be recreated and laid out for photographs and measurements. The core will then be broken up and washed through a trommel with a scrubber section to further break up clay and organic materials. The trommel will screen the material to approximately 1/4" in size. The screened material will then concentrated on a "LeTrap" sluice box liner. The concentrate will be sieved with a #8 screen and panned down to be weighed.

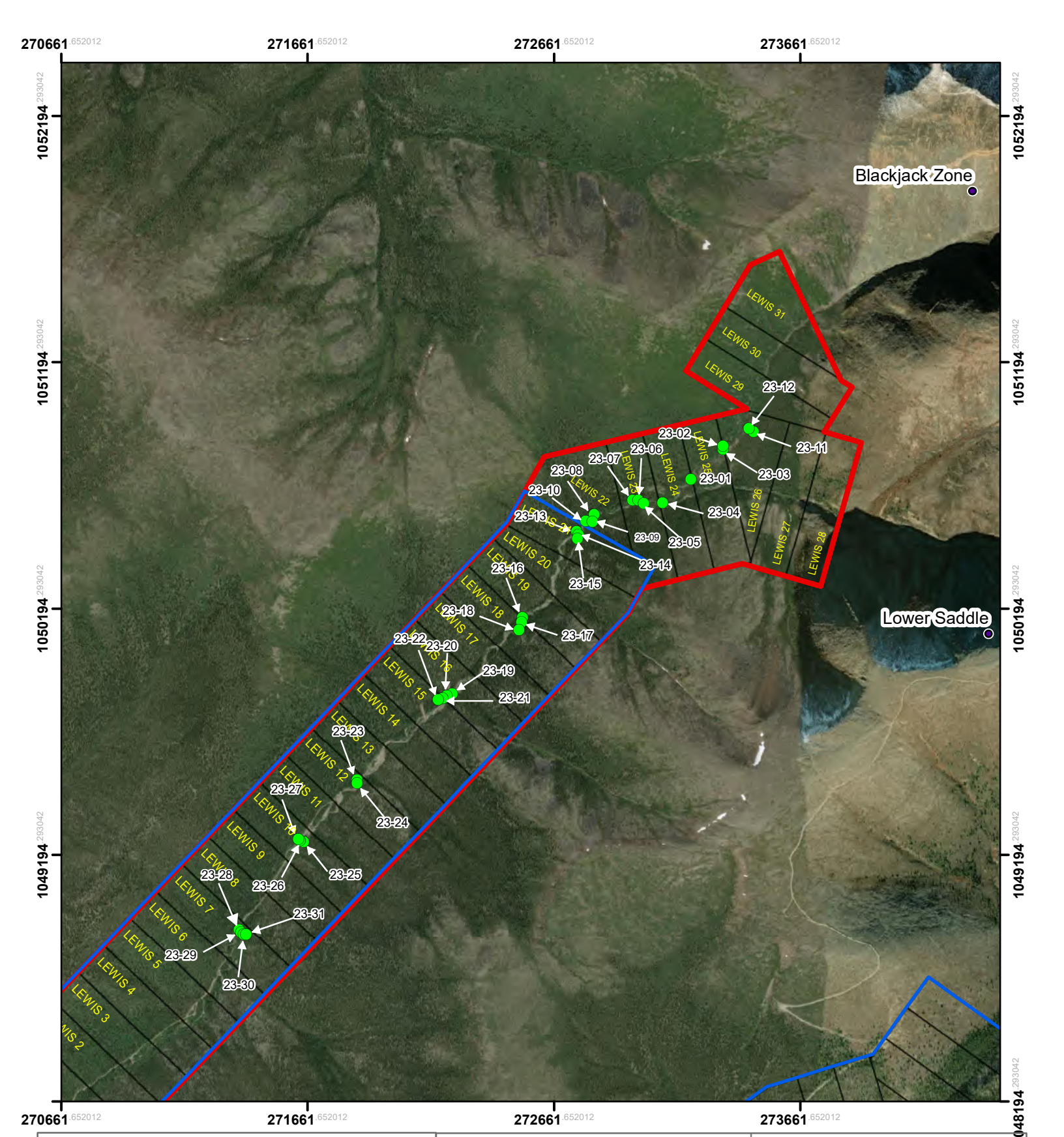
The pan tailings were be panned a second time to confirm nothing was missed. As an additional check, the total project pan tailings were run through the trommel and panned again. Drill holes will back filled and compacted immediately after completion and mobilization of the drill rig in order to minimize potential impacts to wildlife.

The 2023 sonic drill hole locations are presented in Figure 3 (site overview), Figure 4 (Upper Lewis Gulch) overlayed on orthomosic drone imagery obtained in August 2023 by DCES using a DJI Mavic 3 Enterprise drone and processed using DJI Terra drone imaging software), and Figure 5 (Lower Lewis Gulch).

The drone imagery depicts current site conditions, including existing roads and access in the upper reaches of the Lewis Gulch drainage.



3D Model of Upper Lewis Gulch Drainage



Legend

- 2023 Lewis Gulch YMEP Claims
- Placer Land Use Permit
- Surrounding Placer Claims
- Mineral Occurance

DC Environmental Solutions

N

0 250 500 1,000

Meters

Map Scale: 1:20,000 (printed on 8" x 11")

Map Projection: NAD 1983 Yukon Albers

Map information has been generated by DCES from ESRI, CanVec, NHN, and Government of Yukon sources. Information may contain errors from data sources.

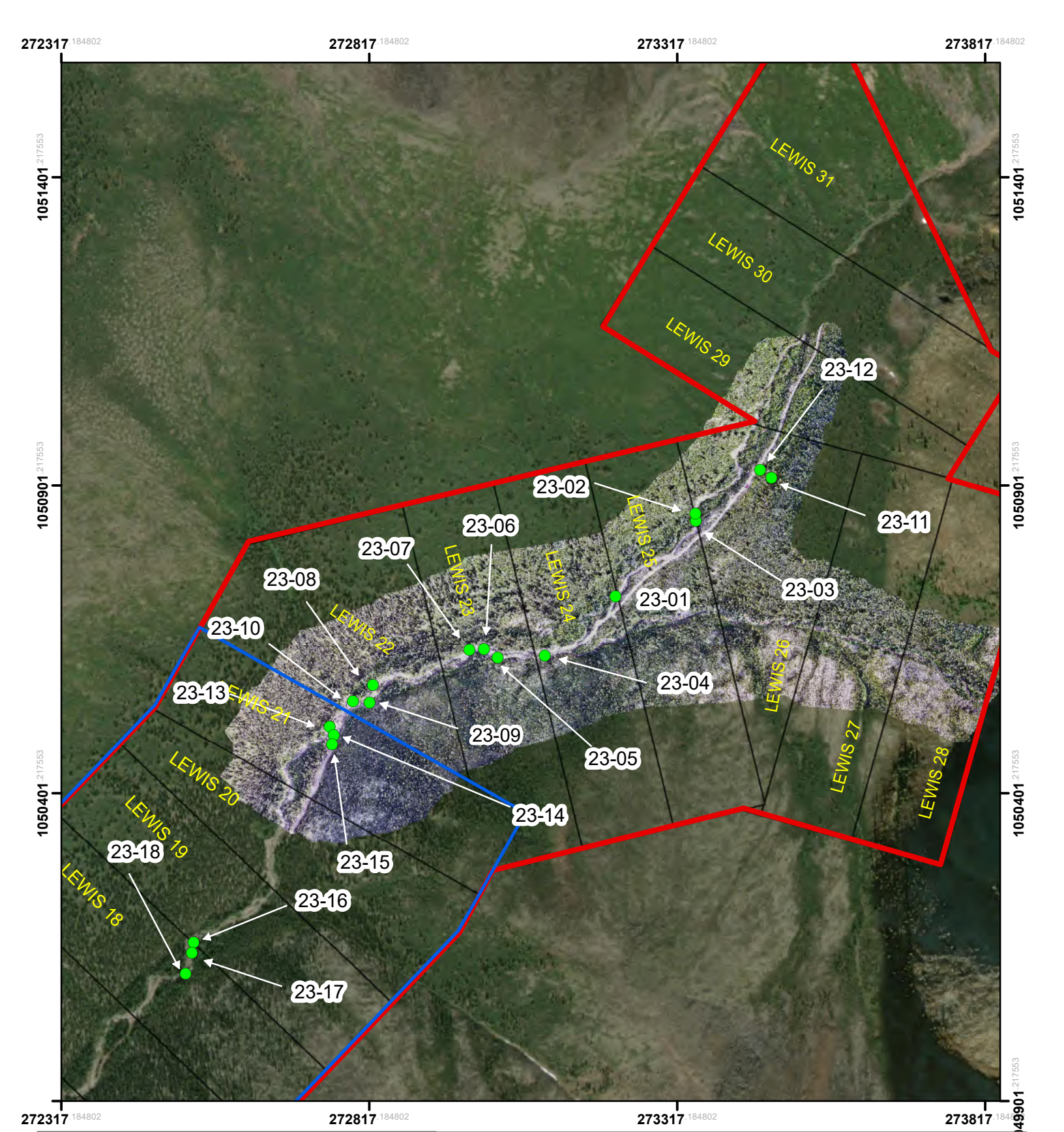
Title:

YMEP Project
Drill Hole Locations

Proponent:

Fellhawk Enterprises Ltd.

Drawn by:	Date:	Figure:
DC	2023-12-26	3



Legend

- 2023 Lewis Gulch YMEP Claims
- Placer Land Use Permit
- Surrounding Placer Claims
- Mineral Occurance

DC Environmental Solutions

N

0 100 200 400

Meters

Map Scale: 1:8,000 (printed on 8" x 11")

Map Projection: NAD 1983 Yukon Albers

Map information has been generated by DCES from ESRI, CanVec, NHN, and Government of Yukon sources. Information may contain errors from data sources.

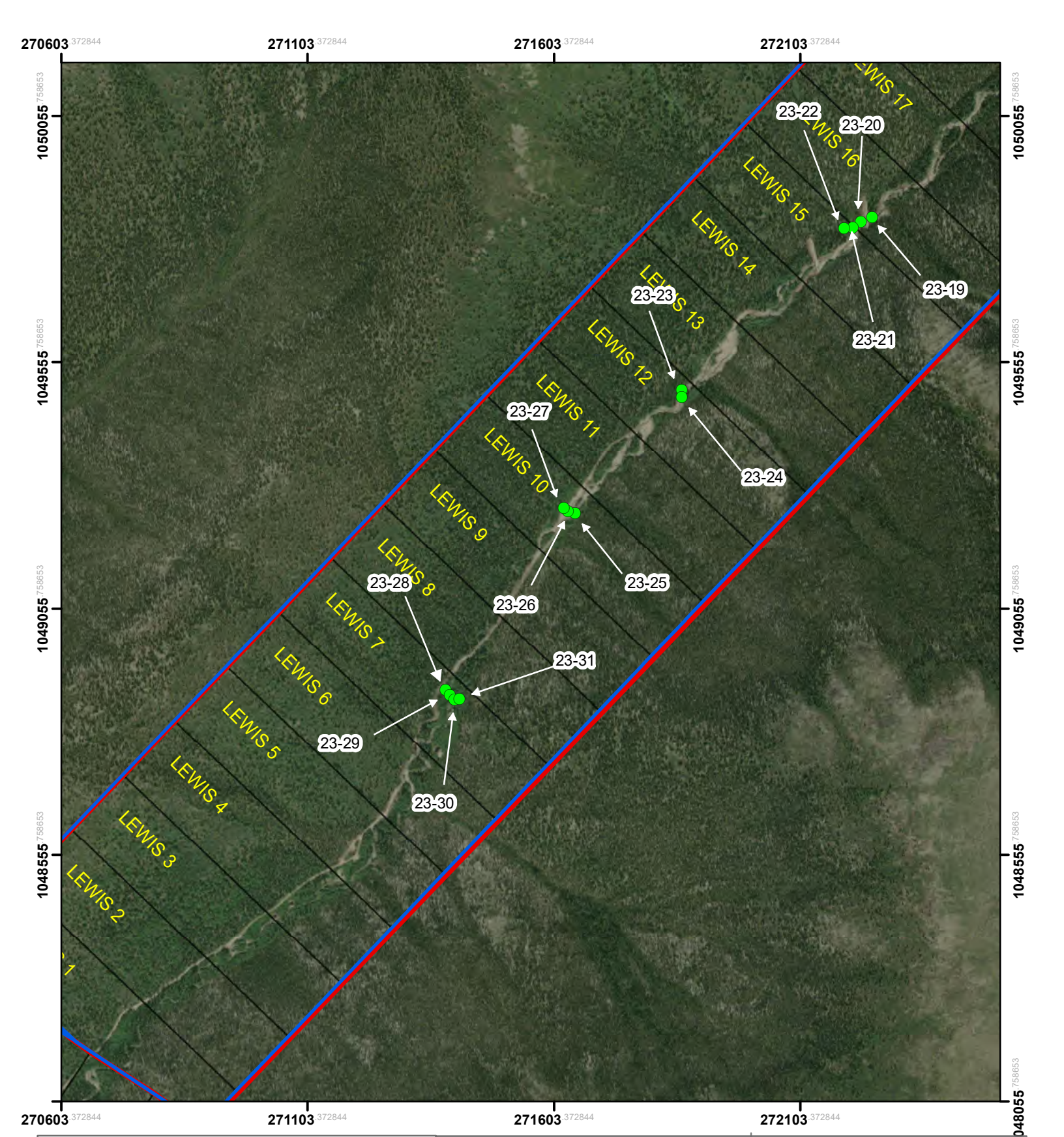
Title:

YMEP Project Drill Holes Upper Lewis Gulch

Proponent:

Fellhawk Enterprises Ltd.

Drawn by:	Date:	Figure:
DC	2023-12-26	4



Legend

- 2023 Lewis Gulch YMEP Claims
- Placer Land Use Permit
- Surrounding Placer Claims
- Mineral Occurance

DC Environmental Solutions

N

0 100 200 400

Meters

Map Scale: 1:10,000 (printed on 8" x 11")

Map Projection: NAD 1983 Yukon Albers

Map information has been generated by DCES from ESRI, CanVec, NHN, and Government of Yukon sources. Information may contain errors from data sources.

Title:

YMEP Project Drill Hole Lower Lewis Gulch

Proponent:

Fellhawk Enterprises Ltd.

Drawn by:	Date:	Figure:
DC	2023-12-26	5

7.2 Sonic Drill Results

A summary of the sonic drill hole results, including drill hole number, depth of gravels, depth to bedrock, total depth of borehole, description of frozen conditions, and gold values from sample processing are included in Table 5 for all 31 sonic drill holes. A summary of drill hole results, including geospatial coordinates for each drill hole location is included in Appendix B, while the NSDC drill logs are included in Appendix C.

7.3 Discussion of Target Evaluation Results

Within the area of the sonic drill program, the depth to bedrock ranged from 2 ft – 36 ft (0.6 m – 11.0 m) with an average depth of 19 ft (5.8 m). The Lewis Gulch drainage was generally narrow and incised. A thin layer of organic material exists in the drainage due to the steep gradient and flashy nature of the valley. In many drill hole locations, no organic layer was identified.

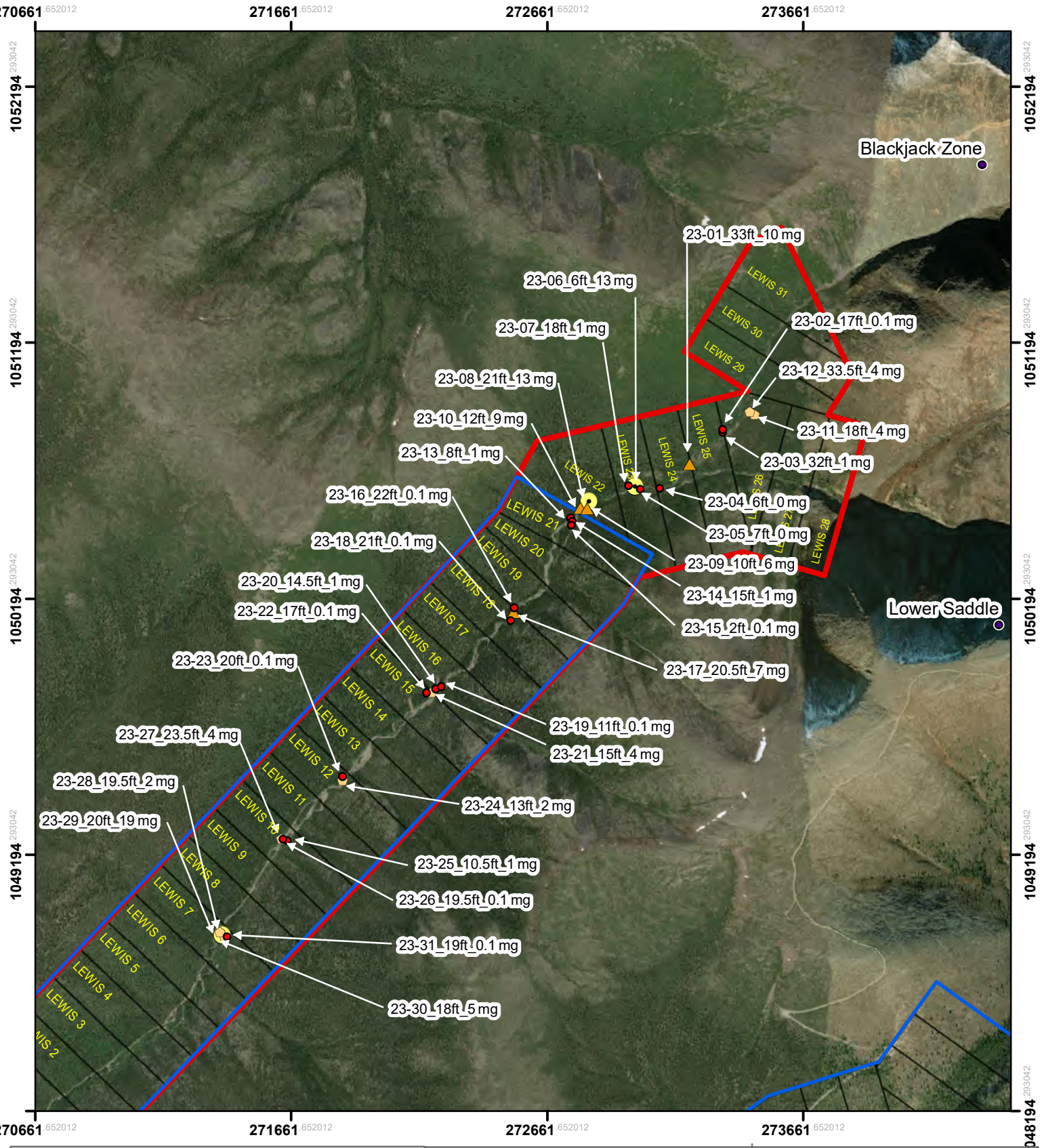
Various gravel and till layers were identified within the drill logs ranging for loose gravel closer to the surface to more angular gravel layers (potentially slide rock) and glacial till near the bedrock interface. Gravel layers ranged from 0 ft to 31 ft (0.0 m – 9.4 m) in thickness with an average thickness of 4.6 ft (1.4 m). Gravel layers were identified as being deeper in the center of the drainage and deepest near the upper reaches of the drainage (drill hole 23-12). Gravel layers were the thinnest near the valley extents where depth to bedrock was shallowest (e.g. drill hole 23-15).

Drill hole locations, bedrock depth and gold values are presented in Figure 6 for the entire drainage, in Figure 7 for the upper Lewis Gulch drainage(overlain on recent drone imagery of that area), and in Figure 8 for the lower Lewis Gulch drainage. Drone imagery and mapping was completed in the upper area of the drainage during the sonic drill program but not the lower portion as the upper reach of the drainage was a new area of exploration.

Limited gold values were identified throughout all of the sonic drill holes. With values being typically zero or trace amounts. Gold values raged from 0 mg to 19 mg from sample processing results. The highest gold value was identified as 19 mg in drill hole 23-29 near the bottom of the valley but surrounded by low value drill hole results. Two drill holes in the upper drainage demonstrated gold value results of 13 mg (drill holes 23-06 and 23-08) but were also surrounded by lower or trace gold values in nearby drill holes. These two areas with marginally increased gold values were observed in isolated pockets of the drainage at the Lewis 7 claim and between the Lewis 22 and Lewis 23 claims. It is suspected that these locations may be the result of localized gold concentrations from slide rock sources.

In general, sonic drill hole results demonstrated marginal gold values in the upper reaches of the Lewis Gulch drainage, which was the primary focus of the sonic drill program. There was no evidence available in the drill results that suggested that placer gold distribution in the drainage was blocked by upstream glacial and outwash sediments.

In addition marginal gold values were also identified in the lower reach of Lewis Gulch in areas previously explored during other YMEP projects; however, this study did not capture the claims from Lewis 1 to Lewis 6 and the highest gold value identified in the program was on Lewis 7.



Legend

- 2023 Lewis Gulch YMEP Claims
- Placer Land Use Permit
- Surrounding Placer Claims
- Mineral Occurance

23-29_20ft_19 mg
Drill Hole # | Gold Value | Bedrock Depth

DC Environmental Solutions

N

0 250 500 1,000
Meters

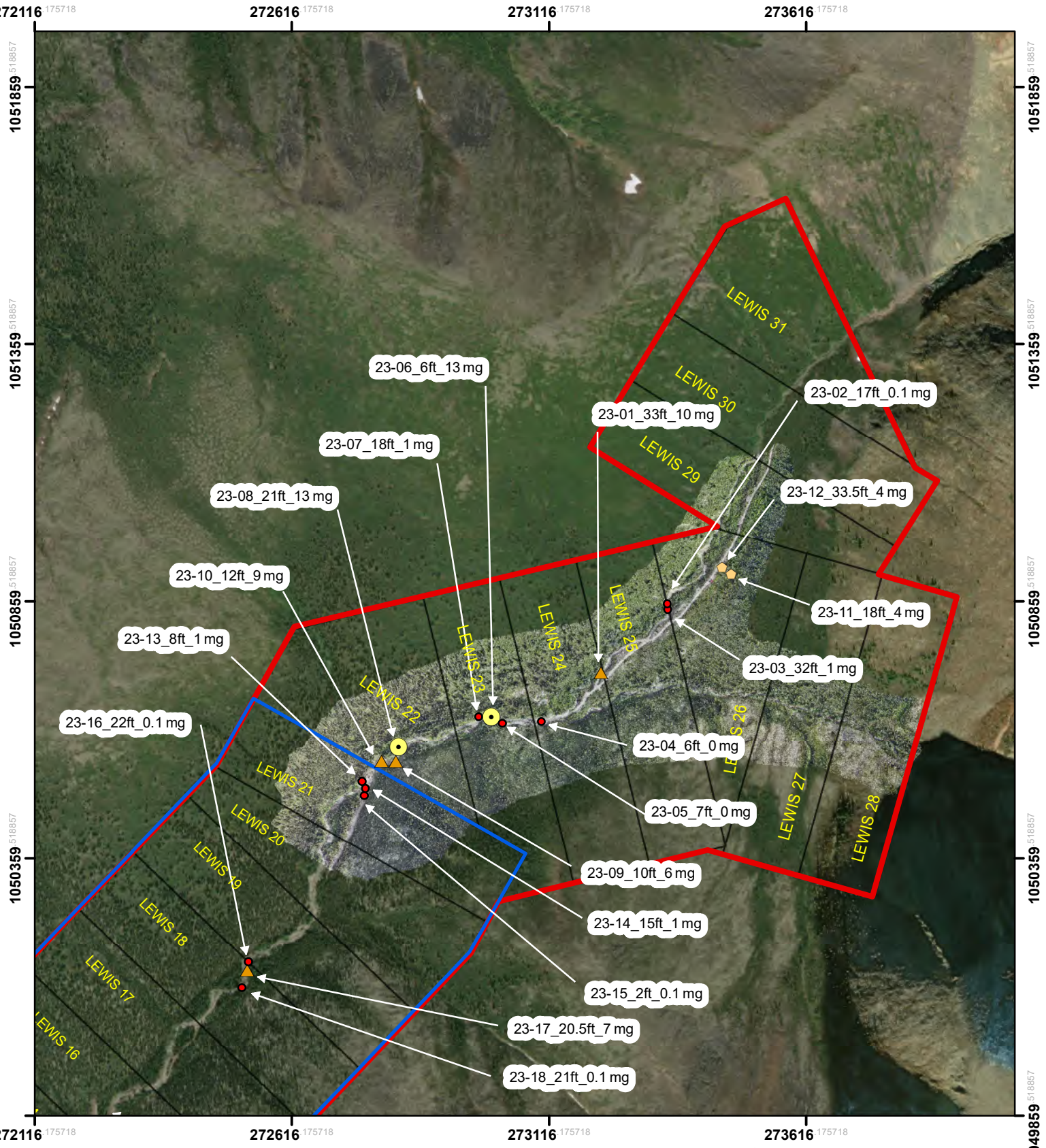
Map Scale: 1:20,000 (printed on 8" x 11")
Map Projection: NAD 1983 Yukon Albers

Map information has been generated by DCES from ESRI, CanVec, NHN, and Government of Yukon sources. Information may contain errors from data sources.

Title:
YMEP Project
Drill Results

Proponent:
Fellhawk Enterprises Ltd.

Drawn by:	Date:	Figure:
DC	2023-12-26	6



Legend

- 2023 Lewis Gulch YMEP Claims
- Placer Land Use Permit
- Surrounding Placer Claims
- Mineral Occurance

23-29_20ft_19 mg

Drill Hole # | Gold Value | Bedrock Depth

DC Environmental Solutions

N

0 100 200 400

Meters

Map Scale: 1:10,000 (printed on 8" x 11")

Map Projection: NAD 1983 Yukon Albers

Map information has been generated by DCES from ESRI, CanVec, NHN, and Government of Yukon sources. Information may contain errors from data sources.

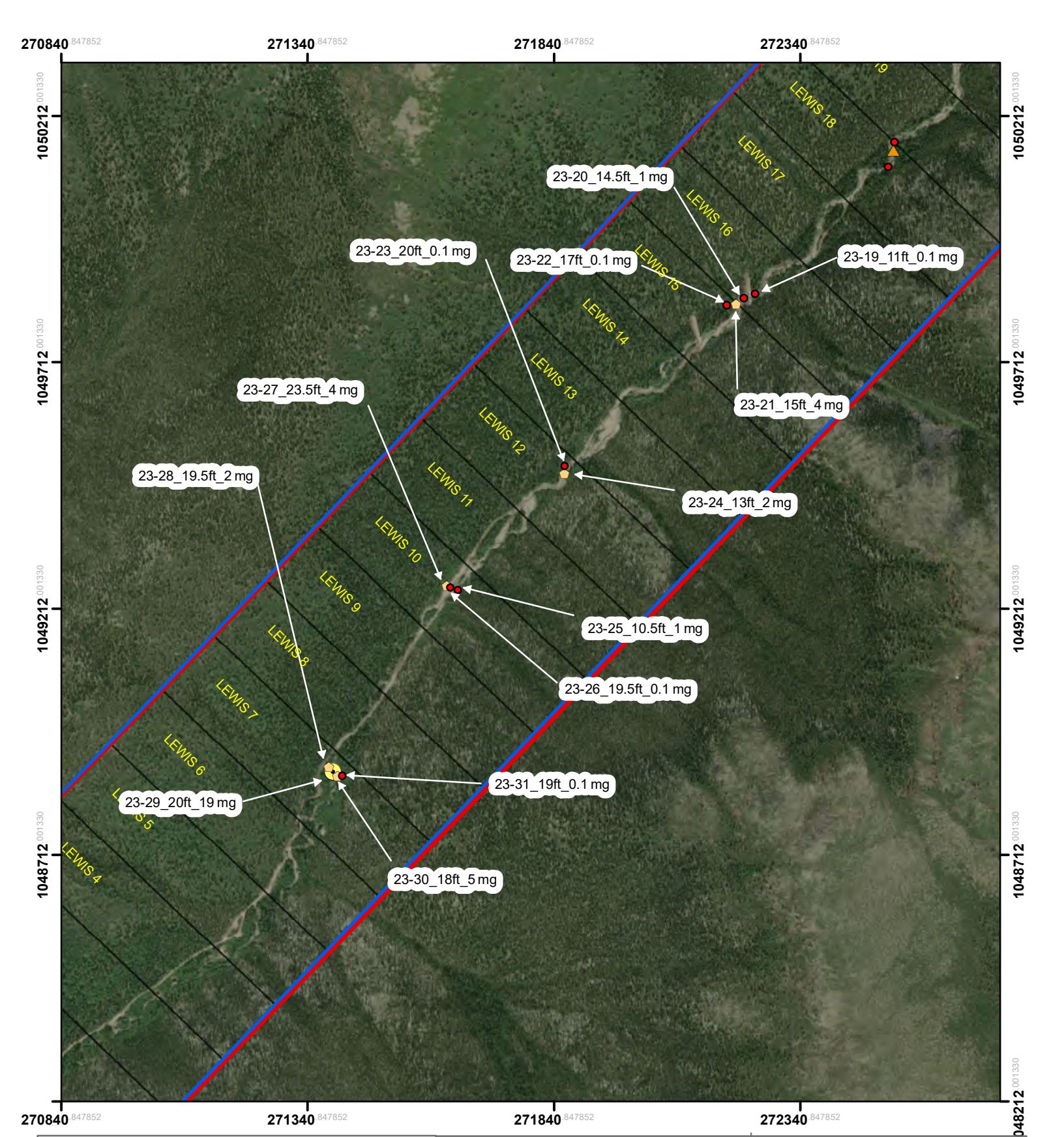
Title:

YMEP Project Drill Results Upper Lewis Gulch

Proponent:

Fellhawk Enterprises Ltd.

Drawn by:	Date:	Figure:
DC	2023-12-26	7



Legend

- 2023 Lewis Gulch YMEP Claims
- Placer Land Use Permit
- Surrounding Placer Claims
- Mineral Occurance

23-29_20ft_19 mg

Drill Hole # | Gold Value | Bedrock Depth

DC Environmental Solutions

N

0 100 200 400

Meters

Map Scale: 1:10,000 (printed on 8" x 11")

Map Projection: NAD 1983 Yukon Albers

Map information has been generated by DCES from ESRI, CanVec, NHN, and Government of Yukon sources. Information may contain errors from data sources.

Title:

YMEP Project Drill Results Lower Lewis Gulch

Proponent:

Fellhawk Enterprises Ltd.

Drawn by:	Date:	Figure:
DC	2023-12-26	8

Table 5. Summary of 2023 YMEP Sonic Drilling Results

Drill Hole	Top of Gravel Depth (ft)	Gravel Layer Depth (ft)	Bedrock Depth (ft)	Total Drill Hole Depth (ft)	Frozen	Gold (mg)	Additional Details (gravels; bedrock)
23-01	1	31	32	34	No	10	Drill hole: 0-5: Loose gravel; 5-12 Dry till; 13-31: Loose angular gravel; 31-34: dry angular till/bedrock. Sample: 1-12: brown angular grave/till, medium size pieces; 12-13: brown fine dry gravel with some larger stones; 13-22: brown angular gravel with some small bits' 22-24: brown, fine, dry gravel with some larger stones; 24-32 brown angular gravel/till, mostly hard bits; 32-34 brown bedrock; large intact pieces.
23-01	0	17	17	21	No	Trace	Drill hole: 0-10: Coarse gravel; 10-1:7 till/gravel; 17-21: flat bedrock. Sample: 7-14: Dark brown angular gravel, dark with some large pieces near 14; 14-17: brown gravel. Sticky towards 14 and boulder at 15.5; 17-20: dark intact bedrock, some flakey, some hard, in a dark fine mix
23-03	0	18	26	34	No	Trace	Drill hole: 0-6: boulders; 6-18: gravel; 18-26: till; 26-34: no sample. Sample: 6-18: Brown stick gravel, mostly angular with some cobble and large broke rocks throughout; 18-23: wet brown angular gravel, mostly small hard bits except around 23. 26-26: brown till layer.
23-04	0	6	6	11	No	Trace	Drill hole: 0-4: dry powdery gravel/loose bedrock; 4-6: boulder/bedrock; 6-11 smooth at 6 ft / bedrock. Sample: 1-3.5: light tan rocky layer, flakey and blocky pieces; 3.5-5 tan flakey layer, similar to bedrock; 5-6 dark clayey layer; 6-10 very thin weak bedrock; 10-11: blue think flakey bedrock.

Drill Hole	Top of Gravel Depth (ft)	Gravel Layer Depth (ft)	Bedrock Depth (ft)	Total Drill Hole Depth (ft)	Frozen	Gold (mg)	Additional Details (gravels; bedrock)
23-05	0	7	7	11	No	0	Drill hole: 0-6: gravel; 6-7: boulder; 7-11 dry bedrock. Sample: 2-5: brown gravel layer, some rounded, some blocky; 5-7: grey flakey layer, small pieces; 7-9: hard intact bedrock with brown powder; 9-11: grey oxidized flakey bedrock.
23-06	0	6	6	10	No	13	Drill hole: 0-6: wet coarse gravel; 6-10: fractured bedrock. Sample: 1-6: wet brown with boulder at 1; 6-10: brown bedrock more so flakey towards 10.
23-07	0	18	18	20	No	1	Drill hole: 0-18: coarse gravel; 18-20: flakey bedrock. Sample: 11-18: wet brown gravel, mostly angular pieces; 18-20: dark flakey bedrock with some sticky material throughout.
23-08	3	18	21	26	No	13	Drill hole: 0-3: rocky soil; 3-10: gravel; 10-11: clay; 11-21: wet gravel; 21-26 bedrock. Sample: 15-21: wet brown gravel with small bits; 21-23: soft brown bedrock with some oxidization.
23-09	0	10	10	13.5	No	6	Drill hole: 0-10: coarse gravel; 11-12.5: bedrock. Sample: 7-12: wet dark brown gravel with cobble; 12-14: grey bedrock, somewhat flakey at 14.
23-10	0	12	12	14	No	9	Drill hole: 0-12: coarse gravel; 12-14: flakey bedrock. Sample: 7-12: wet dark brown gravel with cobble; 12-14: grey bedrock, somewhat flakey at 14.
23-11	12	12	18	19	No	4	Drill hole: 0-8: soil with rock; 8-12: silty rock. 12-18: orange damp angular rock; 18-19: dark bedrock; 19-20: vary hard bedrock. Sample: 13-18: brown wet angular gravel, small/med pieces; 18-19: dark wet sticky bedrock.

Drill Hole	Top of Gravel Depth (ft)	Gravel Layer Depth (ft)	Bedrock Depth (ft)	Total Drill Hole Depth (ft)	Frozen	Gold (mg)	Additional Details (gravels; bedrock)
23-12	20 (to gold bearing material)	13.5	33.5	36	No	4	Drill hole: 0-5: soil with boulders; 5-18: angular gravel. 18-33.5: till; 33.5-36: soft flakey bedrock. Sample: 12-18: brown angular gravel; 18-20: brown till; 20-31: brown till with large angular stones; 31-33.5: brown angular till; 33.5-36: weak bluish bedrock.
23-13	1	9	10	11	no	1	Drill hole: 1-8: coarse gravel; 8-10: bedrock. Sample: 5-8: brown gravel, mostly rounded, medium to large pieces; 8-10: sticky brown bedrock.
23-14	0	10	15	16	No	1	Drill hole: 0-10: gravel; 10-15: till; 15-16: bedrock. Sample: 9-11: till with some cobble; 11-15 brown gravel; 15-16: soft orange/brown bedrock.
23-15	0	2	2	5	No	Trace	Drill hole: 0-2: coarse rock; 2-5: hard fractured bedrock. Sample: 1-2: coarse gravel/soil; 2-5: grey hard intact bedrock.
23-16	16	4	22	23	No	Trace	Drill hole: 0-12: coarse gravel; 12-16: silty till; 16-22: wet angular gravel; 22-23: blue flakey bedrock. Sample: 11-16.5: brown till with cobble at 16.5; 16.5-22: fine brown gravel; 22-23: dark sticky bedrock with intact pieces.
23-17	1	20.5	20.5	22	No	7	Drill hole: 0-12: coarse gravel; 12-14: silty gravel; 14-16: gravel; 16-20.5: till/gravel; 20.5-22: bedrock. Sample: 14-19: brown gravel; 19-22: till; 20.5-22: soft brown bedrock.
23-18	14	7	21	24	No	Trace	Drill hole: 0-13: gravel; 12-14: silty; 14-18.5: gravel; 18.5-21: till; 21-24: bedrock. Sample: 16-21: brown gravel with many small bits, darker at 21; 21-24: hard broken up orange bedrock, dark at 24.

Drill Hole	Top of Gravel Depth (ft)	Gravel Layer Depth (ft)	Bedrock Depth (ft)	Total Drill Hole Depth (ft)	Frozen	Gold (mg)	Additional Details (gravels; bedrock)
23-19	0	11	11	13	No	Trace	Drill hole: 0-11: coarse gravel; 11-12: fractured wet bedrock; 12-13: hard dry bedrock. Sample: 6-11: brown gravel with cobble; 11-13: hard broken up brown bedrock.
23-20	10	4.5	14.5	17	No	1	Drill hole: 0-10: loose gravel; 10-14.5: tight brown gravel; 14.5-16: silty bedrock till; 16-17: dry fractured bedrock. Sample: 10-14: very dark mucky gravel; 14-15: brown till; 15-17: orange bedrock, turned to sand/fines.
23-21	12	3	15	21	No	4	Drill hole: 0-12: brown gravel; 12-15: gravel; 15-21: bedrock. Sample: 11-15: brown gravel with till at 11 and 13; 15-17: tan weak bedrock, somewhat flakey, mostly turned to sand; 17-18: sticky brown bedrock with intact stones.
23-22	4	13	17	22	No	Trace	Drill hole: 0-4: rocky soil; 4-17: silty gravel; 17-18: clay rich bedrock; 18-22: dry bedrock. Sample: 12-14: brown gravel; 14-17: till with boulders at 15; 17-19: brown flakey bedrock.
23-23	15	5	20	22	No	Trace	Drill hole: 0-5: muck gravel; 5-15: dense matrix supported gravel; 15-20: lose angular gravel; 20- 22; orange flakey bedrock. Sample: 14-18: brown angular gravel; 18-20: dark sandy gravel; 20-22: soft orange, somewhat decomposed bedrock.
23-24	0	13	13	15	No	2	Drill hole: 0-13: loose wet gravel; 13-15: soft flakey bedrock. Sample: 8-15: brown gravel, some angular, some round.; 13-15: weak flakey orange bedrock.

Drill Hole	Top of Gravel Depth (ft)	Gravel Layer Depth (ft)	Bedrock Depth (ft)	Total Drill Hole Depth (ft)	Frozen	Gold (mg)	Additional Details (gravels; bedrock)
23-25	0	10.5	10.5	14	No	1	Drill hole: 0-10.5: loose wet gravel; 10.5-14: bedrock. Sample: 5.5-10.5: dark brown gravel, with boulders.; 10.5-14: weak tan bedrock, dark and flakey at 14.
23-26	0	19.5	19.5	21	No	Trace	Drill hole: 0-18: loose wet gravel; 18.5-19.5: tight gravel; 19.5-21: bedrock. Sample: 14-19.5: brown angular gravel w with small fragments at 15-17; 19.5-21: hard blue bedrock in a brown mix, large intact pieces.
23-27	1	22.5	23.5	27	No	4	Drill hole: 1-20: loose gravel; 20-23.5: tight till-like gravel; 23.5-27: soft bedrock with fractured pieces. Sample: 19-26: till with some gravel mixed; 26-27: hard bedrock, intact discs.
23-28	0	19.5	19.5	22	No	2	Drill hole: 0-19.5: loose wet angular gravel; 19.5-22: wet fractured bedrock. Sample: 15-18.5: brown gravel with small hard bits; 18.5-20.5: dark angular gravel (potential slide rock); 20.5-22: dark hard bedrock, small broken pieces.
23-29	16 (gold bearing material)	4	20	22	No	19	Drill hole: 0-4: sand mud; 4-20: loose gravel; 20-22: bedrock. Sample: 16-22: brown angular bedrock; 20-22: weak flakey grey bedrock, turned to sandy pieces.
23-30	15 (gold bearing material)	3	18	20	No	5	Drill hole: 0-15: wet gravel; 15-16: rock boulder till; 16-19: loose gravel; 19-21: flakey bedrock. Sample: 15-17: brown gravel with some larger stones; 17-18: brown till; 18-20: weak grey bedrock.

Drill Hole	Top of Gravel Depth (ft)	Gravel Layer Depth (ft)	Bedrock Depth (ft)	Total Drill Hole Depth (ft)	Frozen	Gold (mg)	Additional Details (gravels; bedrock)
23-31	0	19	19	21	No	Trace	Drill hole: 0-18: large coarse gravel; 18-20 flakey grey bedrock. Sample: 14-18: brown gravel, mostly angular; 18-19: brown till; 19-21: dark decomposed flakey bedrock.

7.4 RECOMMENDATIONS

The sonic drill results from the 2023 YMEP program on Lewis Gulch highlights the presence of limited to marginal placer gold deposits within the drainage. Despite the recent findings of large hard rock gold deposits by Sitka Gold Corp at the Blackjack and Lower Saddle prospects located at the top of the Lewis Gulch drainage, there is limited evidence to suggest that these occurrences have resulted in a highly concentrated and localized deposit of placer gold in the upper reaches of Lewis Gulch, or provided a significant contribution of placer gold within the Lewis Gulch drainage. It is suspected that the source of the hard rock gold in this area did not reach an elevation where natural erosive forces would result in placer gold deposits.

Based on the sonic drilling exploration results, there appears to be a limited to marginal distribution of placer gold in the Lewis Gulch drainage which may be concentrated in localized pockets.

8 ESTIMATED ELIGIBLE EXPENDITURES

A summary of the 2023 YMEP project eligible expenses are outlined in Table 6 below.

Table 6. Summary of Eligible Expenditures

Company	Expense	Description	Cost (no GST)
Northern Sonic Drilling and Consulting Inc.	Drilling Services	• Mobilization/Demobilization/Travel • 31 drill holes (607 ft total) using Sonic drill rig • Sample processing	$ 46,519.00
Fellhawk Enterprises Ltd.	Staff / Support	• Will Fellers (2 days @ $275/day)	$ 550.00
	Daily Expenses	• Will Fellers (2 days @ $100/day)	$ 200.00
	Travel (Truck)	• 566 km x $0.69/km	$ 321.54
	Fuel (diesel & gas)	• Fuel – 200 L (@ $2.00/L)	$ 400.00
DC Environmental Solutions	Summary Report	• Mobilization, Demobilization, Site Observations, Drone Imagery • Data Interpretation • Mapping, Summary Report & Financial Summary	$2,000.00 $ 1,600.00 $ 2,400.00
		Total	**$ 53,990.54**

9 CONCLUSIONS

The 2023 Yukon Mineral Exploration Program (YMEP) project #23-019 on the Lewis Gulch was successfully completed by Fellhawk Enterprises Ltd., Northern Sonic Drilling and Consultants, and DC Environmental Solutions under the YMEP Placer module.

The program has provided excellent insight into the geological conditions in the upper reaches of the Lewis Gulch drainage, as well as additional supporting information into the lower reach of the drainage between the Lewis 7 and Lewis 26 placer claims.

The 2023 YMEP project took a total of 3 field days to complete 31 sonic drill holes down to bedrock, including the logging of drill core samples and gold analysis of select core sample materials. The sonic drill results identified limited to marginal gold values within the Lewis Creek drainage, particularly in the upper reaches of the Lewis Gulch drainage that had been previously unexplored for placer potential. Due to the limited gold values identified during the drill program, the scope of the drilling program was reduced from the scope of work originally proposed.

Due to the limited findings from this project, no additional exploration or mining targets were identified and no further YMEP exploration work is recommended in this drainage.

10 QUALIFICATIONS

I, Darryl Cann, of the City of Whitehorse, YT hereby certify that my address is

- 146 Mallard Way, Whitehorse YT Y1A 0J7;

That I am a graduate of the University of Guelph, Ontario with the following degrees:

- M.Sc. Environmental Engineering (2005)
- B.Sc. Environmental Engineering (2003)
- Hon. B.Sc. Environmental Science (1999)

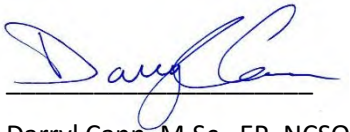
That I have been involved in the preparation of funding applications, environmental assessments and regulatory permitting for industrial projects for over 20 years, and have provided environmental monitoring & compliance support on industrial projects in the Yukon since 2010.

I am a registered Environmental Professional with ECO Canada.

I am a co-author of the YMEP proposal entitled "*2023 Yukon Mineral Exploration Program (YMEP) YUKON Proposal Placer Module Target Evaluation on Lewis Gulch, Yukon*" and the above summary report for the #23-019 YMEP Project on Lewis Gulch.

I am the owner of DC Environmental Solutions.

Dated at Whitehorse, Yukon, on this 12th day of January, 2024.



Darryl Cann, M.Sc., EP, NCSO
DC Environmental Solutions

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Appendix A

Claim Status Report

Yukon

Claim Status report

2024-01-12 06:16 PM

Claim status	Claim name and number	Grant number	Claim expiry date	Claim owner	NTS Map	Grouping number	Notification Approval	Total Excess Credit
Active	Lewis 1	P 519525	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	3
Active	Lewis 2	P 519526	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	3
Active	Lewis 3	P 519527	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	3
Active	Lewis 4	P 519528	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	2
Active	Lewis 5	P 519529	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 6	P 519530	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 7	P 519531	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 8	P 519532	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 9	P 519533	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 10	P 519534	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 11	P 519535	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 12	P 519536	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 13	P 519537	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 14	P 519538	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 15	P 519539	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 16	P 519540	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	0
Active	Lewis 17	P 519541	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	1
Active	Lewis 18	P 519542	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	1
Active	Lewis 19	P 519543	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	1
Active	Lewis 20	P 519544	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	1
Active	Lewis 21	P 519545	2028-08-29	Ryan Coe - 100%	115P14	GD01948	LP01329	1

Criteria(s) used for search: Regulation type = Placer, Claim status = Active, Notification or approval number = LP01329.

Total claims selected: 21

This claim status report has been generated using the mining claims database online application https://apps.gov.yk.ca/ymcs/ . This site uses a copy of the mining recorder data and is refreshed nightly. Contact the specific district for more information on a claim.

Dawson.mining@yukon.ca
867-993-5343

Mayo.mining@yukon.ca
867-996-2256

Watson.mining@yukon.ca
867-536-7366

Whitehorse.mining@yukon.ca
867-667-3190

Appendix B

Drill Hole Coordinates and Data Summary

Appendix B - Drill Hole Coordinates and Data Summary

Lewis Gulch Drill Results (YMEP #2023-019)

Drill Hole	MK_ft	BR_ft	TD_ft	Gold_mg	Latitude	Longitude
23-01	0	33	34	10	63.869838	-137.123494
23-02	0	17	21	0.1	63.871117	-137.121047
23-03	0	32	34	1	63.871017	-137.121022
23-04	0	6	11	0	63.868904	-137.125677
23-05	0	7	11	0	63.868821	-137.127219
23-06	0	6	10	13	63.868929	-137.127695
23-07	0	18	20	1	63.868907	-137.128182
23-08	0	21	26	13	63.868288	-137.131266
23-09	0	10	13.5	6	63.868039	-137.131334
23-10	0	12	14	9	63.868031	-137.131893
23-11	0	18	19	4	63.871719	-137.118625
23-12	0	33.5	36	4	63.871827	-137.119016
23-13	0	8	11	1	63.867643	-137.132602
23-14	0	15	16	1	63.867521	-137.13244
23-15	0	2	5	0.1	63.867391	-137.132475
23-16	0	22	23	0.1	63.864363	-137.136561
23-17	0	20.5	22	7	63.864218	-137.136597
23-18	0	21	24	0.1	63.863901	-137.136746
23-19	0	11	13	0.1	63.861424	-137.141856
23-20	0	14.5	17	1	63.861334	-137.142311
23-21	0	15	21	4	63.861216	-137.142619
23-22	0	17	22	0.1	63.861184	-137.142983
23-23	0	20	22	0.1	63.858047	-137.149176
23-24	0	13	15	2	63.857918	-137.14916
23-25	0	10.5	14	1	63.855662	-137.153205
23-26	0	19.5	21	0.1	63.855693	-137.153514
23-27	0	23.5	27	4	63.855738	-137.153678
23-28	0	19.5	22	2	63.85229	-137.157999
23-29	0	20	22	19	63.852206	-137.157809
23-30	0	18	20	5	63.852131	-137.157606
23-31	0	19	21	0.1	63.852141	-137.157405

Appendix C

Northern Sonic Drilling and Consulting Drill Logs

NORTHERN SONIC

Northern Sonic Placer Drill Hole Log

Rev. 2.0 08/08/21

Date	3/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-1	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-5	Loose coarse gravel
5-12	Dry till
12-31	Loose angular gravel
31-34	Dry angular till/bedrock. Last 1' looked like br.
	Tried to get more bedrock, but hole filled silty water and caved
	Wtîtmx

None	MK	Estimate	Number of Bags	21	Driller	Liam
33	BR		Interval saved	1-34	Helper	Julian
34	TD		Colour of Tags	Orange black	Helper	Brooks

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
A	1	-	12	Brown angular gravel/till, medium size pieces
B	12	-	24	24-22: brown, fine, dry gravel W some larger stones. 22-13: brown angular gravel W mostly small bits. 13-12: brown fine dry gravel W some larger stones
C	24	-	34	34-32: brown BR, large intact pieces. 32-24: brown angular gravel/till, mostly hard bits
		-		
		-		
		-		

Confirmed Bedrock Depth	32	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
A	4	
B	4	
C	2	

Panner/Washer	Liam / Julian	Date	4/8/23

NORTHERN SONIC

Northern Sonic Placer Drill Hole Log

Rev. 2.0 08/08/21

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-2	Core Dia.	8"	GPS	
				Date	3/8/23

Rig Notes

Depth	Material Description
0-10	Coarse grav
10-17	Till/gravel
17-21	Flat flakey br

	MK	Estimate	Number of Bags	8		Driller	
17	BR		Interval saved	7-20		Helper	
21	TD		Colour of Tags	Lime		Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
A	7	-	14	Dark brown angular gravel, dark W some larger pieces near 14'
B	14	-	20	20-17: dark Intact BR, some flakey, some hard. In a dark fine mix. 17-14: brown gravel. Sticky towards 14 & 1 boulder@15.5
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	17	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
A	Trace (0mg)	
B	Trace (0mg)	

Panner/Washer	Liam / Julian	Date	4/8/23

NORTHERN SONIC

Northern Sonic Placer Drill Hole Log

Rev. 2.0 08/08/21

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-3	Core Dia.	8"	GPS	
				Date	3/8/23

Rig Notes

Depth	Material Description
0-6	Boulders
6--18	Gravel
18-26	Till
26-34	rilled to 34' possible bedrock at 32'. Could retrieve sample. Hole kept caving and sample lo

	MK	Estimate	Number of Bags	10	Driller	Liam
??	BR		Interval saved	6-26	Helper	Brooks
Drilled to 34'	TD		Colour of Tags	Blue	Helper	Julian

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
A	6	-	18	Brown sticky gravel, mostly angular W some cobble & larger broken rocks throughout
B	18	-	26	26-25: brown till layer. 25-18: wet brown angular gravel, mostly small hard bits. Except around 23
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth		Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
A	1 mg	
B	Trace (0mg)	

Panner/Washer	Liam / Julian	Date	4/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 3/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-04	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-4	Dry powdery gravel loose br?
4-6	Bouldery? Wet, could be bedrock.
6-11	Smooth at 6'... Bedrock

	MK	Estimate	Number of Bags	6	Driller	Liam
6	BR		Interval saved	1-11	Helper	Brooks
11	TD		Colour of Tags	Pink white	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	1	-	11	11-10: blue thin flakey BR. 10-6: tan very thin weak BR
		-		6-5: dark clayey layer. 5-3.5: tan flakey layer, similar to BR. 3.5-1: light tan rocky layer. Flakey & blocky pieces
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	6	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	0	

Panner/Washer	Julian	Date	4/8/23

NORTHERN SONIC

Northern Sonic Placer Drill Hole Log

Rev. 2.0 08/08/21

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-5	Core Dia.	8"	GPS	
				Date	3/8/23

Rig Notes

Depth	Material Description
0-6	Gravel
6-7	Boulder
7-11	Dry br

	MK	Estimate	Number of Bags	6	Driller	Liam
7	BR		Interval saved	2-11	Helper	Brooks
11	TD		Colour of Tags	Yellow	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	2	-	11	11-9: grey oxidized flakey BR. 9-7: hard intact BR W brown powder.
		-		7-5: grey flakey layer, small pieces. 5-2: brown gravel layer, some rounded, some blocky
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	7	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	Trace (0mg)	

Panner/Washer	Julian	Date	4/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 3/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-6	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-6	Wet coarse gravel
6-10	Fractured bedrock

	MK	Estimate	Number of Bags	6		Driller	Liam
6	BR		Interval saved	1-10		Helper	Brooks
10	TD		Colour of Tags	Orange		Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	1	-	10	10-6: brown BR more so flakey towards 10.
		-		6-1: wet brown gravel W 1 boulder@1
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	6	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	13mg	

Panner/Washer	Julian	Date	4/8/23

NORTHERN SONIC DRILLING AND FOUNDATION	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 3/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-07	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-18	Coarse gravel
18-20	Flakey bedrock

	MK	Estimate	Number of Bags	6	Driller	Liam
18	BR		Interval saved	11-20	Helper	Brooks
20	TD		Colour of Tags	Blue	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	11	-	20	20-18: dark flakey BR W some sticky material throughout
		-		18-11: wet brown gravel, mostly small angular pieces
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	18	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	/	

Panner/Washer	Julian	Date	4/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 3/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-8	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-3	Rocky soil
3-10	Gravel
10-11	Clay?
11-21	Wet gravel
21-26	Bedrock

		Estimate				
	MK		Number of Bags	7	Driller	
21	BR		Interval saved	15-23	Helper	
26	TD		Colour of Tags	Green	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	15	-	23	23-21: soft brown BR W some oxidization
		-		21-15: wet brown gravel W small bits
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	21	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	13	

Panner/Washer	Liam / Julian	Date	4/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date: 4th

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-9	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-10	Coarse gravel
11-12.5	Bedrock

	MK	Estimate	Number of Bags	7	Driller	Liam
10	BR		Interval saved	-12.5	Helper	Brooks
13.5	TD		Colour of Tags	Orange stripe	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	12.5	-	5	12.5-10: light grey weak flakey BR W some oxidization
		-		10-5: brown gravel W some till & cobble@5
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	10	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	6	

Panner/Washer	Liam / Julian	Date	4/8/23

NORTHERN SONIC

Northern Sonic Placer Drill Hole Log

Rev. 2.0 08/08/21

Date: 4/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-10	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-12	Coarse gravel
12-14	Flakey bedrock

	MK	Estimate	Number of Bags	6	Driller	Liam
12	BR		Interval saved	7-14	Helper	Brooks
14	TD		Colour of Tags	Yellow	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	7	-	14	14-12: grey BR, somewhat flakey@14
		-		12-7: wet dark brown gravel W cobble
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	12	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	9	

Panner/Washer	Liam / Julian	Date	4/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 4/8/23

Project	23-0097	Location	Lewis Gulch right fork left limit	Client	Fell-Hawk
Hole ID	23-11	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-8	Soil with rock
8-12	Silty rock
12-18	Orange damp angular gravel
18-19	Dark bedrock
19-20	Very hard bedrock, no recovery. Wiped new bit in 12"

		Estimate				
	MK		Number of Bags	6	Driller	Liam
18	BR		Interval saved	13-19	Helper	Brooks
19	TD		Colour of Tags	Blue	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	13	-	19	19-18: dark wet sticky BR.
		-		18-13: brown wet angular gravel, small/med pieces
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	18	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	4mg	

Panner/Washer	Liam Julian	Date	4/8/23

NORTHERN SONIC

Northern Sonic Placer Drill Hole Log

Rev. 2.0 08/08/21

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-12	Core Dia.	8"	GPS	
				Date	4/8/23

Rig Notes

Depth	Material Description
0-5	Soil with boulders
5-18	Angular Gravel
18-33.5	Till
33.5-36	Soft flakey bedrock

	MK	Estimate	Number of Bags	14	Driller	Liam
33.5	BR		Interval saved	12-30	Helper	Brooks
36	TD		Colour of Tags	Pink/white	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
A	12	-	20	20-18: brown till. 18-12: brown angular gravel
B	20	-	31	31-20: brown till W larger angular stones
C	31	-	36	36-33.5: weak blueish BR. 33.5-31: brown angular till
		-		
		-		
		-		

Confirmed Bedrock Depth		Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
A	Trace (0mg)	
B	4	
C	0	

Panner/Washer	Liam / Julian	Date	4/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 4/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-13	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
1-8	Coarse gravel
8-11	Bedrock

	MK	Estimate	Number of Bags	5	Driller	Liam
8	BR		Interval saved	5-10	Helper	Brooks
11	TD		Colour of Tags	Pink white	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	5	-	10	10-8: sticky brown BR.
		-		8-5: brown gravel, mostly rounded, med/large pieces
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	8	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	/	

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date: 4/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-14	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-10	Gravel
10-15	Till
15-16	Br

	MK	Estimate	Number of Bags	5	Driller	Liam
15	BR		Interval saved	9-16	Helper	Brooks
16	TD		Colour of Tags	Orange	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	9	-	16	16-15: soft orange/brown BR
		-		15-11: brown gravel. 11-9: till W some cobble
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	15	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	/	

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 4/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-15	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-2	Coarse rock
2-5	Hard fractured bedrock

	MK	Estimate	Number of Bags	2	Driller	Liam
2	BR		Interval saved	1-5	Helper	Brooks
5	TD		Colour of Tags	Blue	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	1	-	5	5-2: grey hard intact BR
		-		2-1: coarse gravel/soil
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	2	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	Trace (0mg)	

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 4/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-16	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-12	Coarse gravel
12-16	Silty till
16-22	Wet angular gravel
22-23	Blue flakey bedrock

		Estimate				
	MK		Number of Bags	8	Driller	Liam
22	BR		Interval saved	11-23	Helper	Brooks
23	TD		Colour of Tags	Orange	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	11	-	23	23-22: dark sticky BR W intact pieces
		-		22-16.5: fine brown gravel. 16.5-11: brown till W cobble@16.5
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	22	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	Trace (0mg)	

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC

Northern Sonic Placer Drill Hole Log

Rev. 2.0 08/08/21

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-17	Core Dia.	8"	GPS	
				Date	4/8/23

Rig Notes

Depth	Material Description
0-12	Coarse gravel
12-14	Silty gravel
14-16	Gravel
16-20.5	Till/gravel? Dense matrix supported
20.5-22	Bedrock

	MK	Estimate	Number of Bags	6	Driller	Liam
20.5	BR		Interval saved	14-22	Helper	Brooks
22	TD		Colour of Tags	Green	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	14	-	22	22-20.5: soft brown BR.
		-		20.5-19: till. 19-14: brown gravel
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	20.5	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	7	

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 4/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-18	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-13	Gravel
13-14	Silty
14-18.5	Gravel
18.5-21	Till
21-24	Bedrock

	MK	Estimate	Number of Bags	6	Driller	Liam
21	BR		Interval saved	16-24	Helper	Brooks
24	TD		Colour of Tags	Orange	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	16	-	24	24-21: hard broken up orange BR, dark@24
		-		21-16: brown gravel W many small bits, darker@21
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	21	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	Trace (0mg)	

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC

Northern Sonic Placer Drill Hole Log

Rev. 2.0 08/08/21

				Date	4/8/23
Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-19	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-11	Coarse gravel
11-12	Frac wet br
12-13	Hard dry br

	MK	Estimate	Number of Bags	5	Driller	Liam
11	BR		Interval saved	6-13	Helper	Brooks
13	TD		Colour of Tags	Yellow	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	6	-	13	13-11: hard broken up brown BR
		-		11-6: brown gravel W cobble
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	11	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	Trace (0mg)	

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 4/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-20	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-10	Loose gravel
10-14.5	Tight brown gravel
14.5-16	Silty bedrock till?
16-17	Dry fractured bedrock

	MK	Estimate	Number of Bags	5		Driller	Liam
14.5	BR		Interval saved	10-17		Helper	Brooks
17	TD		Colour of Tags	Blue		Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	10	-	17	17-15: orange BR, turned to sand/fines
		-		15-14: brown till. 14-10: very dark mucky gravel
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	15*	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 4/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-21	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-12	Brown gravel
12-15	Gravel
15-21	Bedrock

	MK	Estimate	Number of Bags	7	Driller	Liam
15	BR		Interval saved	18-11	Helper	Brooks
21	TD		Colour of Tags	Blue	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	11	-	18	18-17: sticky brown BR W intact stones. 17-15: tan weak BR, somewhat flakey, mostly turned to sand
		-		15-11: brown gravel W till@11 & 13
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	15	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	4	

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC

Northern Sonic Placer Drill Hole Log

Rev. 2.0 08/08/21

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-22	Core Dia.	8"	GPS	
				Date	4/8/23

Rig Notes

Depth	Material Description
0-4	Rocky soil
4-17	Silty gravel
17-18	Clay rich bedrock
18-22	Dry bedrock

	MK	Estimate	Number of Bags	1-8		Driller	Liam
17	BR		Interval saved	12-19		Helper	Brooks
22	TD		Colour of Tags	Orange		Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	12	-	19	19-17: brown flakey BR
		-		17-14: till W 1 boulder@15. 14-12: brown gravel
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	17	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	Trace (0mg)	

Panner/Washer	Julian	Date	5/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 5/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-23	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-5	Muck gravel
5-15	Dense matrix supported gravel
15-20	Loose angular gravel
22	Orange flakey bedrock

	MK	Estimate	Number of Bags	6	Driller	Liam
20	BR		Interval saved	14-22	Helper	Brooks
22	TD		Colour of Tags	Orange black	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	14	-	22	22-20: soft orange, somewhat decomposed BR
		-		20-18: dark sandy gravel. 18-14: brown angular gravel
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	20	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	Trace (0mg)	

Panner/Washer	Julian	Date	6/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 5/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-24	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-13	Loose wet gravel
13-15	Soft flakey bedrock

	MK	Estimate	Number of Bags	7	Driller	Liam
13	BR		Interval saved	8-15	Helper	Brooks
15	TD		Colour of Tags	Yellow	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	8	-	15	15-13: weak flakey orange BR
		-		13-8: brown gravel, some angular, some round
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	13	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	2	

Panner/Washer	Julian	Date	6/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 5/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-25	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-10.5	Loose wet gravel
10.5-14	Bedrock

	MK	Estimate	Number of Bags	6	Driller	Liam
10.5	BR		Interval saved	5.5-14	Helper	Brooks
14	TD		Colour of Tags	Blue black	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	5.5	-	14	14-10.5: weak tan BR, dark & flakey@14
		-		10.5-5.5: dark brown gravel W boulders
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	10.5	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	/	

Panner/Washer	Julian	Date	6/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 5/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-26	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-18	Loose wet gravel
18.5-19.5	Tight gravel
19.5-21	Bedrock

		Estimate				
	MK		Number of Bags	6	Driller	Liam
19.5	BR		Interval saved	14-21	Helper	Brooks
21	TD		Colour of Tags	Orange	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	14	-	21	21-19.5: hard blue Bar in a brown mix, large intact pieces
		-		19.5-14: brown angular gravel. 17-15: small fragments
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	19.5	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	Trace (0mg)	

Panner/Washer	Julian	Date	6/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 5/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-27	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
1-20	Loose gravel
20-23.5	Tight till like gravel
23.5-27	Soft bedrock with fractured pieces

	MK	Estimate	Number of Bags	6	Driller	Liam
23.5	BR		Interval saved	19-27	Helper	Brooks
27	TD		Colour of Tags	Blue	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	19	-	27	27-26: hard BR, intact disks
		-		26-19: till W some gravel mixed
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	26'	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	4	

Panner/Washer	Julian	Date	6/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 5/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-28	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-19.5	Loose wet angular gravel
19.5-22	Wet fractured bedrock

	MK	Estimate	Number of Bags	6	Driller	Liam
19.5	BR		Interval saved	15-22	Helper	Brooks
22	TD		Colour of Tags	Orange black	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	15	-	22	22-20.5: dark hard BR, small broken pieces
		-		20.5-18.5: dark angular gravel (potential slide rock). 18.5-15: brown gravel W small hard bits
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	20.5*	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	2	

Panner/Washer	Julian	Date	6/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 5/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-29	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-4	Sand mud
4-20	Loose gravel
20-22	Bedrock

	MK	Estimate	Number of Bags	5		Driller	Liam
20	BR		Interval saved	16-22		Helper	Brooks
22	TD		Colour of Tags	Yellow		Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	16	-	22	22-20: weak flakey grey BR, turned to sandy pieces
		-		20-16: brown angular BR
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	20	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	19	*15 from largest piece

Panner/Washer	Julian	Date	6/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 5/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-30	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-18	Loose coarse gravel
18-20	Flakey grey bedrock

	MK	Estimate	Number of Bags	5	Driller	Liam
18	BR		Interval saved	15-20	Helper	Brooks
20	TD		Colour of Tags	Blu black	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	15	-	20	20-18: grey weak BR
		-		18-17: brown till. 17-15: brown gravel W some larger stones
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	18	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	5	

Panner/Washer	Julian	Date	6/8/23

NORTHERN SONIC	Northern Sonic Placer Drill Hole Log	Rev. 2.0 08/08/21
		Date 5/8/23

Project	23-0097	Location	Lewis Gulch	Client	Fell-Hawk
Hole ID	23-31	Core Dia.	8"	GPS	

Rig Notes

Depth	Material Description
0-15	Wet gravel
15-16	Rock Boulder till?
16-19	Loose gravel
19-21	Flakey bedrock

	MK	Estimate	Number of Bags	7	Driller	Liam
19	BR		Interval saved	14-21	Helper	Brooks
21	TD		Colour of Tags	Orange	Helper	

Wash Notes

Int. #	Depths Top	-	Bottom	Material Description
	14	-	21	21-19: Dark decomposed flakey BR
		-		19-18: brown till. 18-14: brown gravel, mostly angular
		-		
		-		
		-		
		-		

Confirmed Bedrock Depth	19	Expected Pay Zone	

Panning Notes

Int. #	Gold Weight (mg)	Notes
	Trace (0mg)	

Panner/Washer	Julian	Date	6/8/23

Appendix D
2023 YMEP Project Status Report

YMEP Project Status Report -

Submit completed form by September 30 to:

Yukon Mineral Exploration Program
Energy, Mines and Resources
Government of Yukon
102 - 300 Main Street
Box 2703 (K102), Whitehorse, Yukon
Y1A 2C6

email: ymep@gov.yk.ca
tel: 867-456-3828
fax: 867-667-3198
toll free (in Yukon): 1-800-661-0408

YMEP no:	23-019	Applicant name	Fellhawk Enterprises	project name:	Lewis Gulch
Address	Bag 6070			module:	Placer
	Dawson City, YT Y0B 1B0			type:	
phone 1:	(867) 993-3627			phone 2:	
date submitted:	Sept. 21, 2023			email:	goldmine@northwestel.net

The purpose of this form is to help us keep track of budget expenditures to date. We need to keep this information current so please update us if significant changes occur between now and January 31st.

Has the program started:	yes ✔			
	estimate total expenditures to date as of Sept 30			$53,444.95
	estimate pending expenditures			$3,500.00
	estimate total expenditures for program			$56,444.95
	Is the field portion of the program completed?			Yes
	no ☐			
	will it proceed	yes ☐		
			when will it start	
		maybe ☐		
			when will you know	
		no ☐		
			are you withdrawing from this contribution agreement?	

Comments	We appreciate the opportunity to participate in the YMEP program and look forward to next year's application process. The challenge this year was the timing of the funding announcements. Drilling in the summer can be difficult due to access issues on thawed ground. If the funding could be awarded earlier,it would be possible to conduct more drilling.