

RAB Drilling and Shafting

Shovel (Coffee) Creek Placer Property
Owner: Wildwood Exploration Inc. – 100%

Whitehorse Mining District

NTS: 115J/10, 115J/11, 115J/14, 115J/15
Latitude: 62° 48.02" N Longitude: -139° 26.31" W

Claim List:

Coffee 1 - 314	P 511613 - 511926
Coffee 315 - 380	P 512576 - 512641
Excel 1 - 108	P 512655 - 512762

Work Performed:

Shafting:	8 - 27 April, 2019
RAB Drilling:	29 May - 20 June, 2019 2 - 24 August, 2019 & 2 – 24 September, 2019

Date of Report: March 19, 2020
Author of Report: Allison Feduk

Summary

This report summarizes RAB drilling and shafting completed by GroundTruth Exploration Inc. and GroundTruth Drilling Inc. during the field season of 2019 on Shovel Creek. The RAB drill holes traverse perpendicularly across the valley to highlight gold deposition throughout the creek.

One-hundred and ninety-seven RAB drill holes and five shafts were completed on Shovel Creek. Results from the drilling and shafting has shown that Shovel Creek is rich in placer gold. Some drill holes were positioned to investigate the previously dug shafts to compare the grade of gold in the drill hole to that of the shaft.

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1.0 Introduction

The 2019 program, undertaken by GroundTruth Exploration Inc. and GroundTruth Drilling Inc., on Shovel Creek, consisted of shafting and rotary air blast drilling. Five shafts, with 5' by 5' dimensions and totaling 16.64 meters (54.59 feet) were hand dug between April 8th and April 27th, 2019. An extensive 197 drill hole program totaling 829.1 meters (2,720 feet) was performed between May 29th to June 20th, August 2nd to August 24th and September 2nd to September 24th, 2019.

The work was intended to map underlying lithology thickness and map out areas of high-grade gold deposition for future placer mine planning.

2.0 Previous Investigations

There is evidence of historic prospecting in the area where tools, picks and shovels were left under a large spruce tree. There has been previous geophysical work performed since 2017 including resistivity and induced polarization surveys, ground penetrating radar surveys, ground magnetic surveys and UAV aerial photogrammetry surveys. There has also been a significant amount of shafting and drilling on Shovel Creek since 2017.

The driving force behind all work performed on Shovel Creek is the Coffee Hard Rock Deposit. This creek flows from the Coffee Hard Rock Deposit and is a target for placer gold deposition due to hard rock anomalies and gold-in-soil anomalies.

3.0 Location and Access

The targeted Coffee claims are located approximately 145 km South of Dawson City within the Yukon River drainage system in west-central Yukon Territory. The work on Shovel Creek is centered at latitude 62° 48.02' N and -139 ° 26.31' W and located on NTS map sheet 115J/10, 115J/11, 115J/14 and 115J/15 (Figure 1). It is accessible by helicopter year-round from the Coffee Gold Camp, which has an air strip 20 kilometers away, located at the mouth of Coffee Creek. The property can also be accessed by snowmobile in the winter via the Yukon River.

4.0 Property Worked

Placer Prospecting Claims Tenure, Wildwood Exploration Inc. 100%:
COFFEE 128 – 129, P 511740 – P 511741, expiry Feb. 15, 2023
COFFEE 165 - 166, P 511777 – P 511778, expiry Feb. 15, 2023
COFFEE 168, P 511780, expiry Feb. 15, 2023
COFFEE 170 - 173, P 511782 – P 511785, expiry Feb. 15, 2023
COFFEE 175, P 511787
COFFEE 177, P 511789
COFFEE 179, P 511791
COFFEE 181 - 182, P 511793 – P 511794
COFFEE 184 - 191 P 511796 – P 511803
COFFEE 197, P 511809
COFFEE 199 - 200, P 511811 – P 511812
COFFEE 202 - 203, P 511814 - 511815
COFFEE 205 - 206, P 511817 - 511818
COFFEE 316, P 512577
COFFEE 319, P 512580
COFFEE 325 – 326, P 512586 – P 512587
COFFEE 331, P 512592

(Figure 1 & Figure 2)

5.0 Physiography and Climate

Shovel Creek is a modest sized creek flowing south into Coffee Creek. The landscape is composed broad valleys bordered by moderately sloped, tree-covered hills ranging in elevations from 701 m to 1260 m. The area experiences typical climatic conditions for central Yukon Territory with short, warm and dry summers and cold winters. Temperatures range from 0°C to -50°C in the winter and 0°C to +30°C in the summer. The property lies within Canada's discontinuous permafrost zone. Most of the valley bottoms in this creek are filled with permafrost.

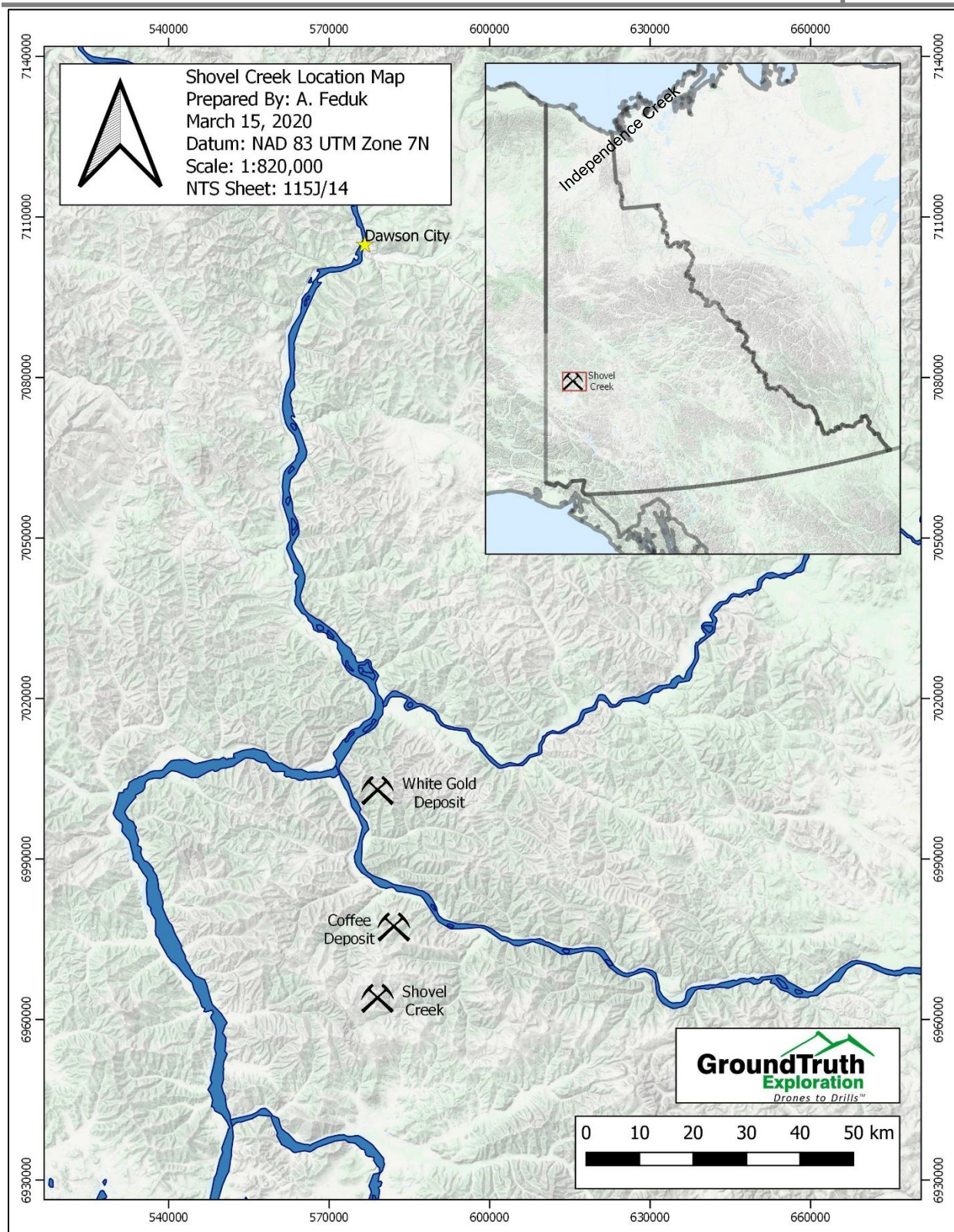


Figure 1: Property Location

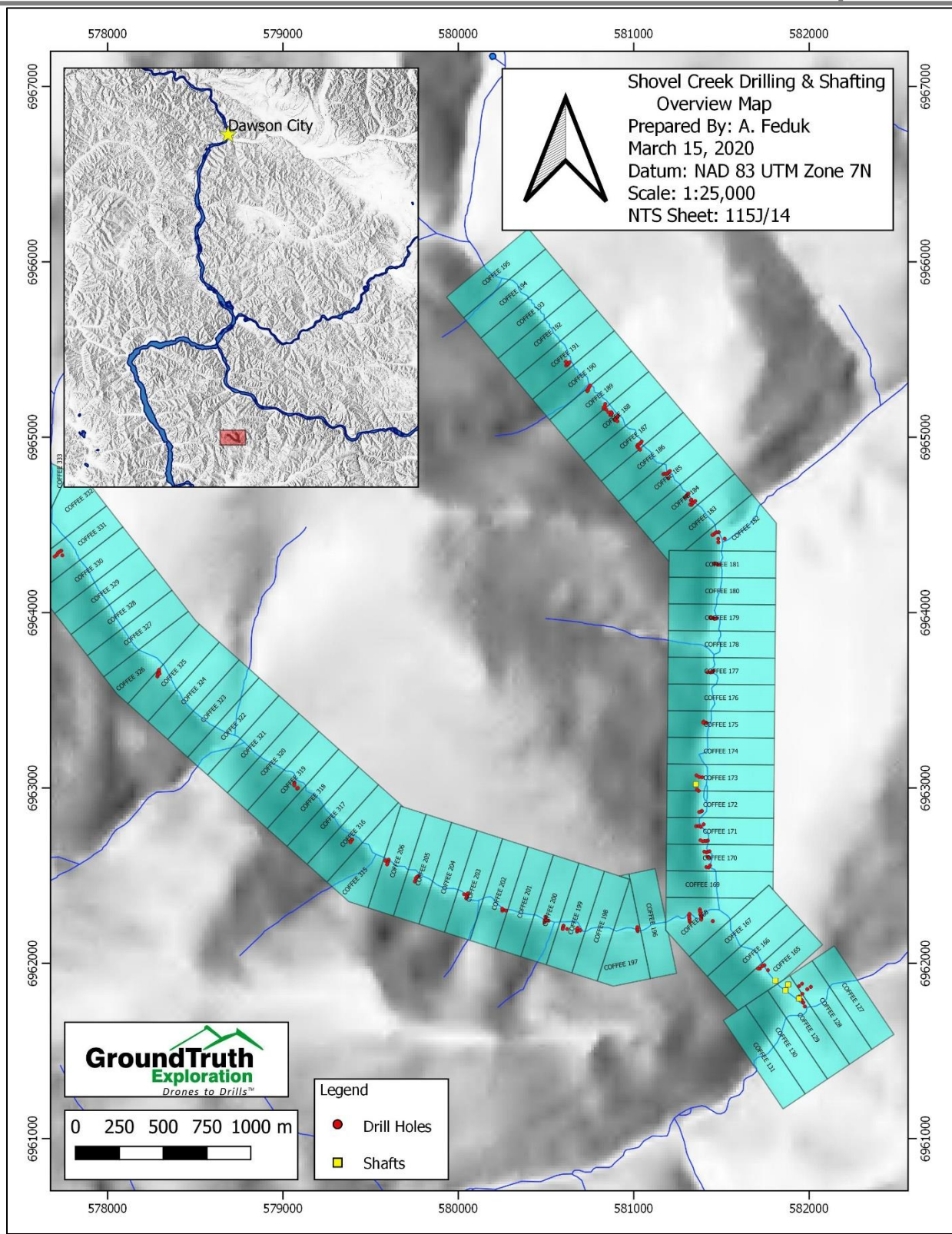


Figure 2: Shovel Creek Drilling and Shafting Overview

6.0 Geology

6.1 Regional Geology

Shovel Creek is situated in the Yukon-Tanana Terrane (YTT). The YTT is a late Devonian to middle Mississippian continental magmatic arc extending from northern British Columbia into west-central Yukon and eastern Alaska and is bounded to the northeast by the Tintina fault and to the south-west by the Denali fault (Colpron et al., 2006).

The YTT is composed of four main assemblages including the Snowcap, Finlayson, Klondike and Klinkit (Colpron et al. 2006) intruded by the Dawson Range batholith (phase of the Whitehorse Suite), Prospector Mountain plutonic suite and Casino plutonic suites (Mortensen et al., 2010).

“The Snowcap assemblage (PDS1) forms the base of the YTT consisting of quartzite, psammite, pelite and marble with minor greenstone and amphibolite. The Finlayson assemblage (DMF1) is composed of amphibolite, garnet amphibolite and schist. The Klondike assemblage (PK1, PK2) consists of muscovite-chlorite quartz phyllite, quartz-muscovite-chlorite schist, micaceous quartzite, psammite, phyllonite and schist. The Whitehorse Suite (mKqW, mKgW), a phase of the Dawson Range Batholith, consists of biotite quartz monzonite, biotite granite, leucogranite, monzogranite, granodiorite, diorite, granite and tonalite.” (Ryan et al., 2013). The Klinkit (CK1) is composed of mafic to intermediate metavolcaniclastic and metavolcanic rocks, with minor limestone and conglomerate (Colpron et al., 2006; Roots et al, 2004).

6.2 Property Geology

Shovel Creek is entirely underlain by a felsic Klondike Schist (PK1), consisting of quartz-muscovite-chlorite schist (Figure 3). Tributaries of Shovel Creek are underlain by the Devonian Mount Baker suite (LDgMB) consisting of monzogranite, granodiorite, diorite and gneiss, the Cretaceous Dawson Range batholith (mKgW) consisting of granodiorite, quartz diorite, hornblende diorite and tonalite, the Cretaceous Coffee Creek pluton (mKqW) composed of quartz monzonite, granite, leucogranite and monzogranite and the Carboniferous Finlayson assemblage (DMF1) consisting of intermediate to mafic volcanic and volcaniclastic rocks including amphibolite and schist. The Moose Creek fault trending east to west is a significant feature at the contact between the Klondike schist and the Mount Baker suite, as well as the boundary between the Yukon-Tanana

terrane to the north and the Laurentia Terrane to the south. An east to west trending thrust fault separates PK1 to the south and DMF1 to the north.

The property has not undergone glaciation in the past, so gold should be well accumulated and located near its hard-rock sources.

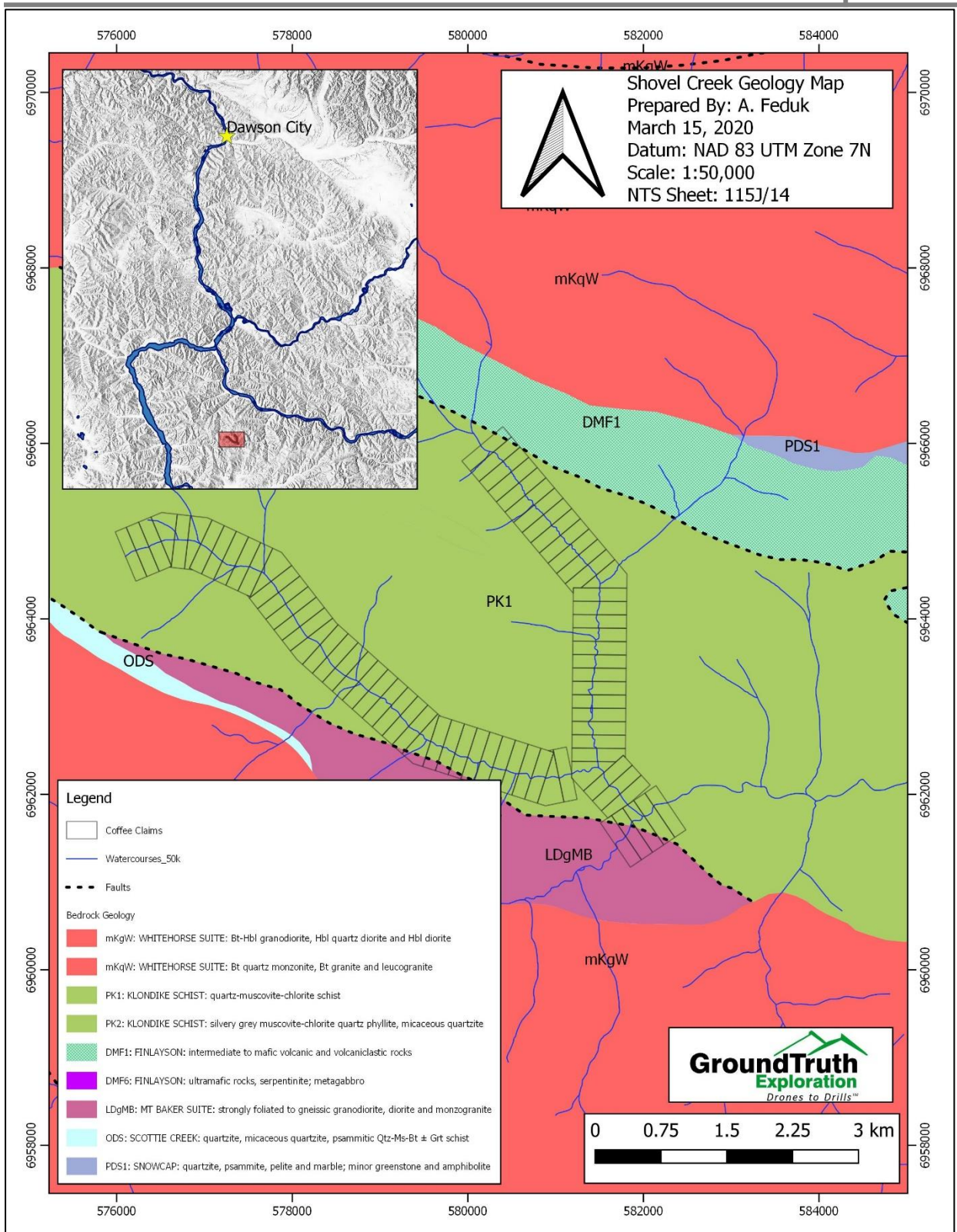


Figure 3: Shovel Creek Geology

7.0 Rotary Air Blast (RAB) Drilling

7.1 Work Performed

The 2019 RAB drill program on Shovel Creek consisted of 197 drill holes, SHP19-01 to SHP19-196 and a test hole drilled near a 2018 shaft. The total meterage for all the drill holes was 829.1 m (2720 feet). The drill holes were completed between May 29th to June 20th, August 2nd to August 24th and September 2nd to September 24th, 2019.

All holes were drilled to determine the amount placer gold throughout the creek.



7.2 Field Survey Operating Procedures

The GT RAB Drill is a light-weight rotary percussion drill rig mounted on a set of rubber tracks. The drill itself is powered by a 44.2 hp turbocharged Kubota diesel engine. The placer RAB drives a cased hole 5" in diameter and uses 5' drill rods. The GT RAB Drill is equipped with a wireless remote-control system that can be used to drive it between drill sites. There are four hydraulically operated vertical outriggers on the drill for self-leveling on drill sites. The rubber tracked platform on the GT RAB Drill has 2400sq inches of track coverage area giving it 1.8 psi ground pressure allowing it to be extremely versatile and low impact in the field.

The GT RAB Drill is a lightweight exploration drill rig that involves the use of DTH rotary percussion drilling equipment using compressed air from a stationary air compressor which is connected to the rubber tracked drill using an air hose. The drill uses a pneumatic reciprocating piston driven 'hammer' to energetically drive a tungsten carbide tipped drill bit into overburden and rock. Compressed air is fed through the drill rod string to the DTH hammer and with rotation from the top drive; cuttings are then returned to the surface through the annulus under pressurized exhaust air. Cuttings then pass through the diverter/BOP and continue to the cyclone and are collected in a 24" x 36" ore bag at the bottom of the cyclone. Drill cuttings were logged, sampled and processed in a Gold Hog Raptor concentrator. The concentrates were then panned to determine the amount of gold in each drill hole. Some drill holes were isolated in 2.5 foot intervals to determine at what depth the gold had been deposited.

7.3 Drill Results

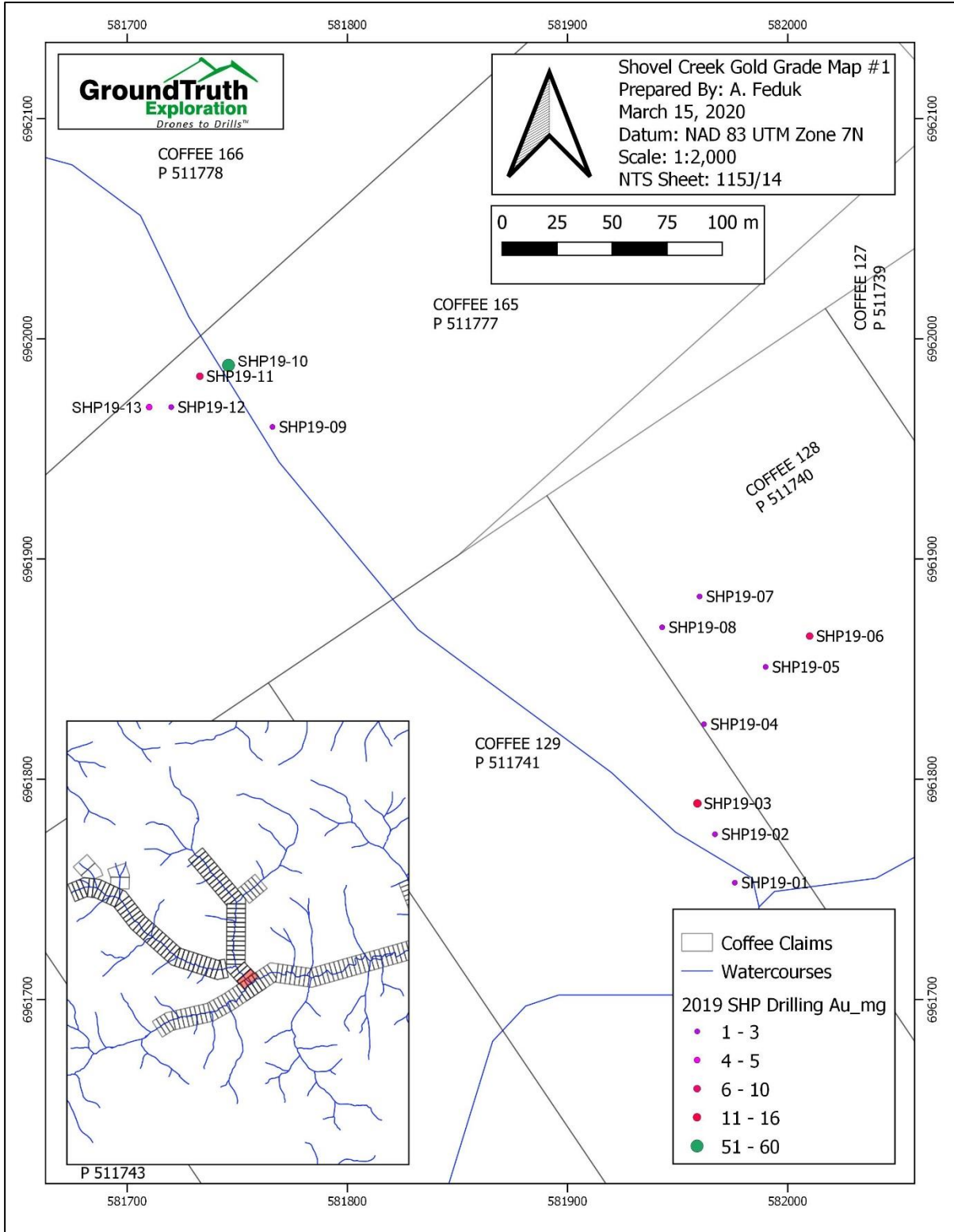


Figure 4: 2019 Shovel Creek Gold Grade Map #1

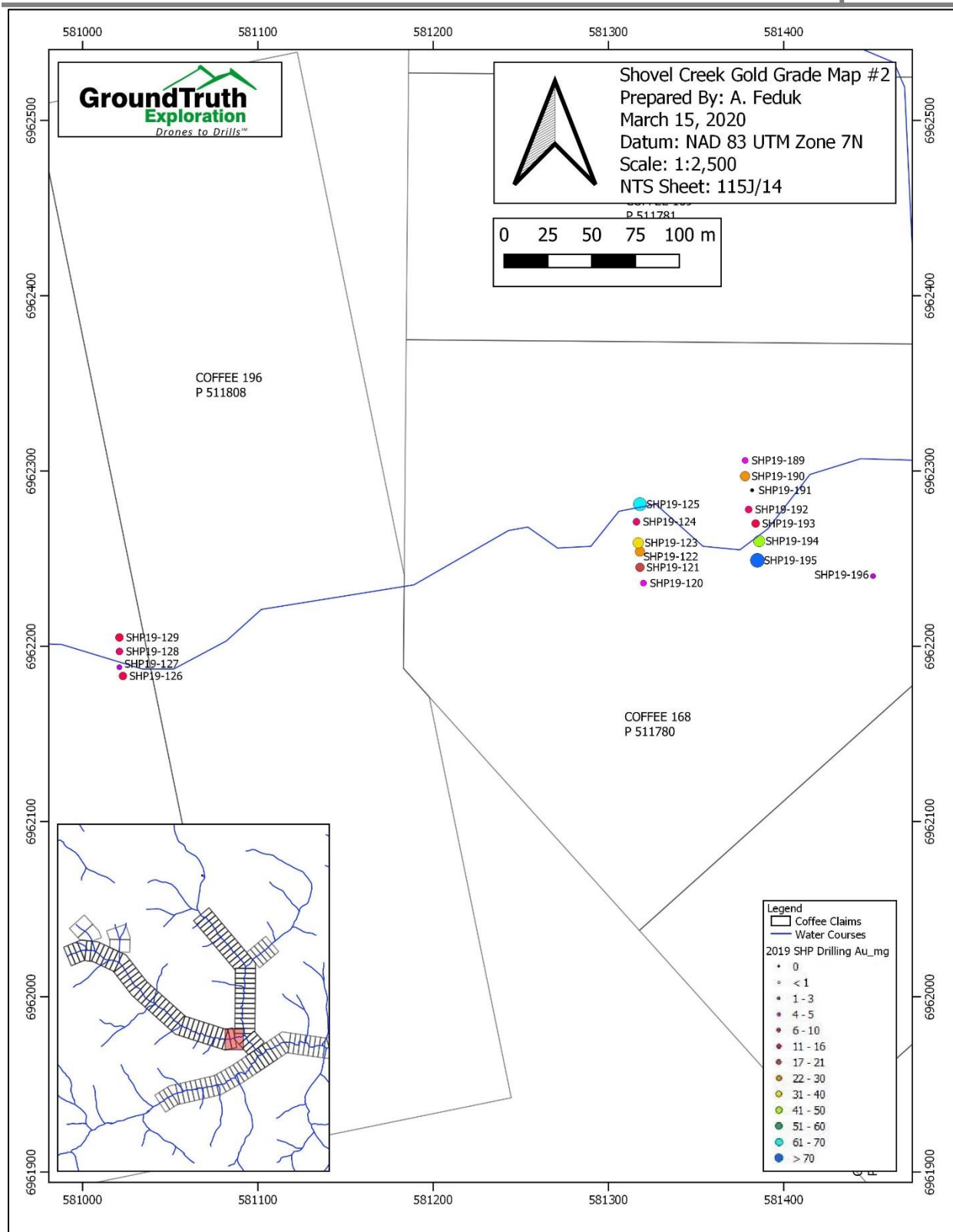


Figure 5: 2019 Shovel Creek Gold Grade Map #2

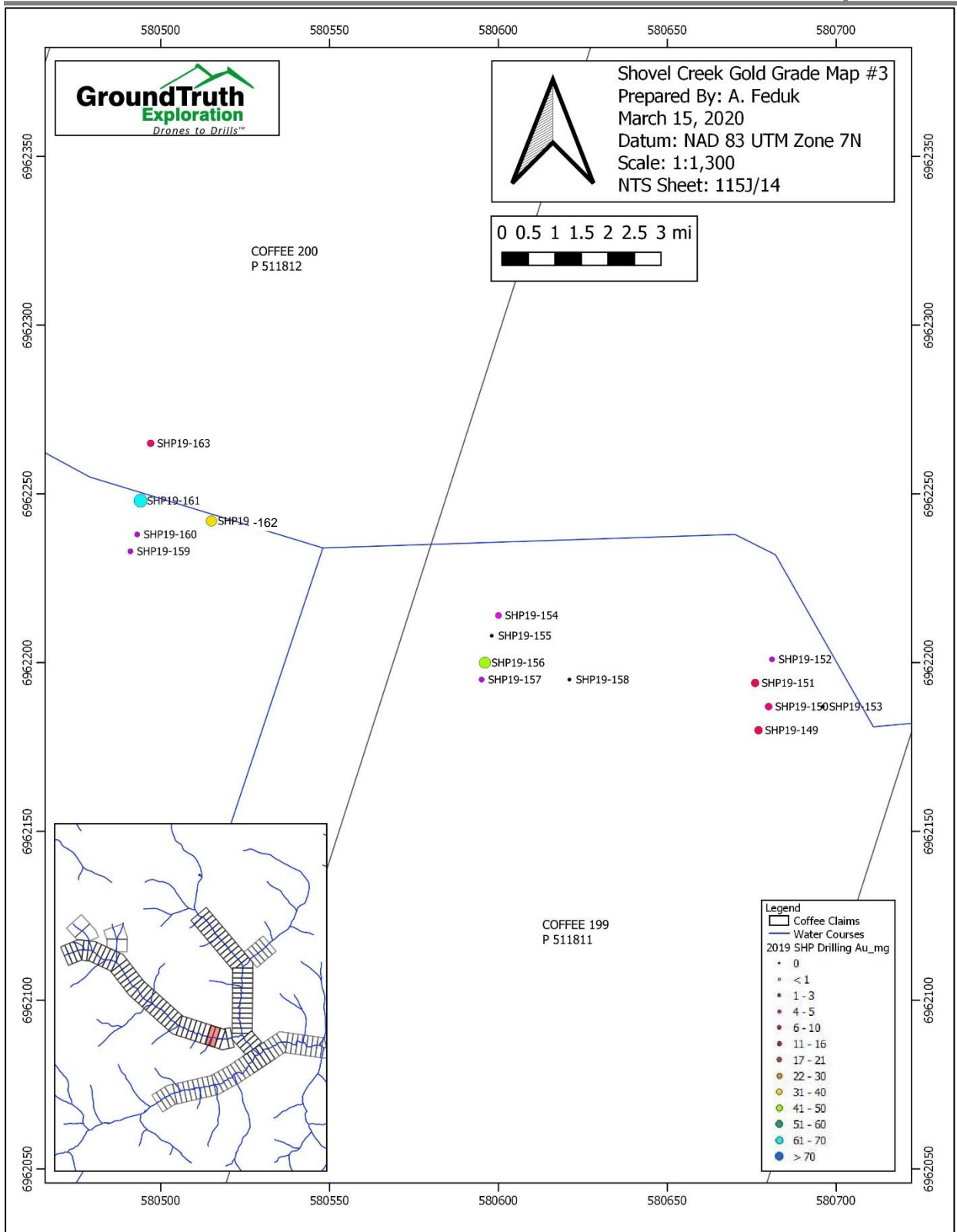


Figure 6: 2019 Shovel Creek Gold Grade Map #3

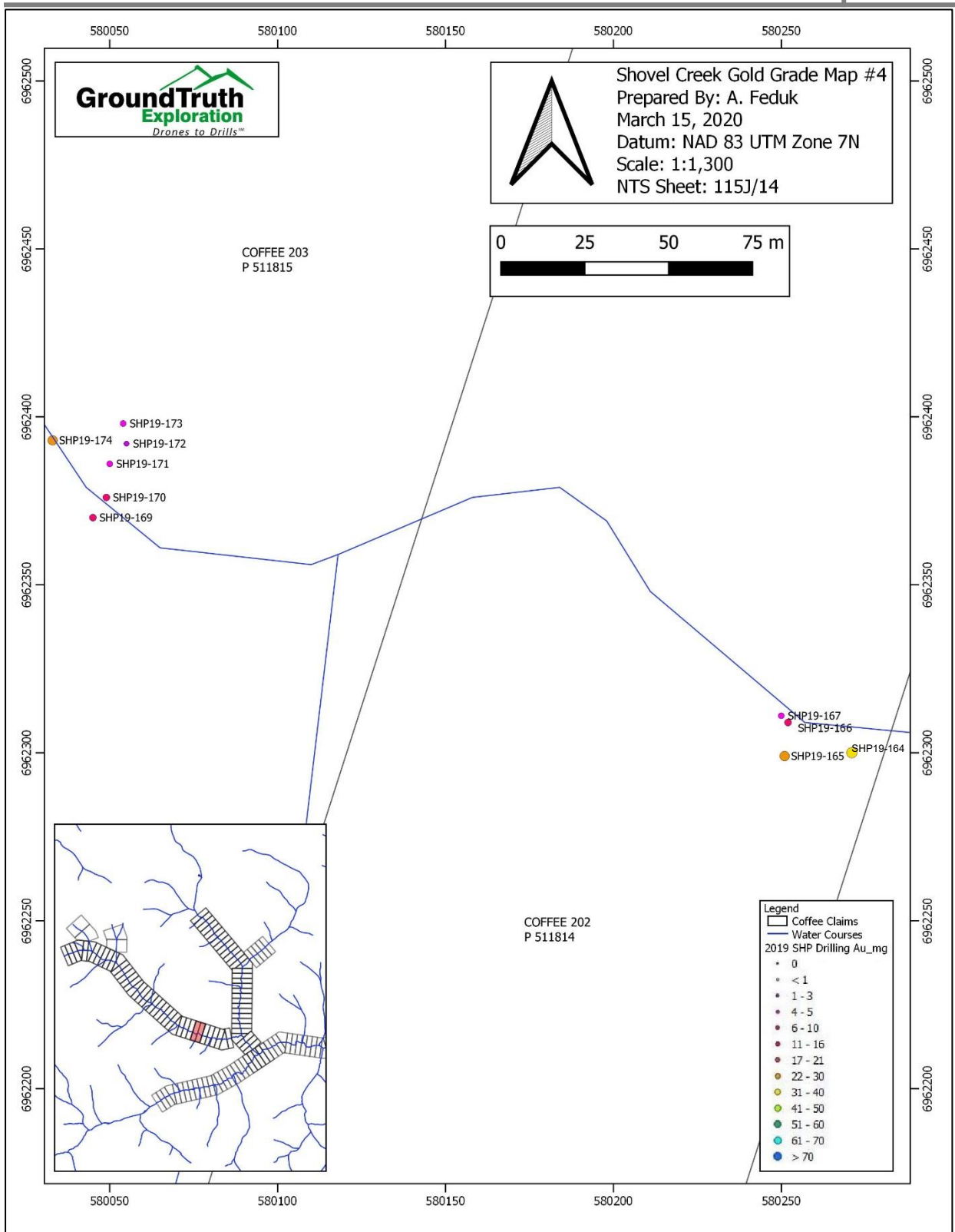


Figure 7: 2019 Shovel Creek Gold Grade Map #4

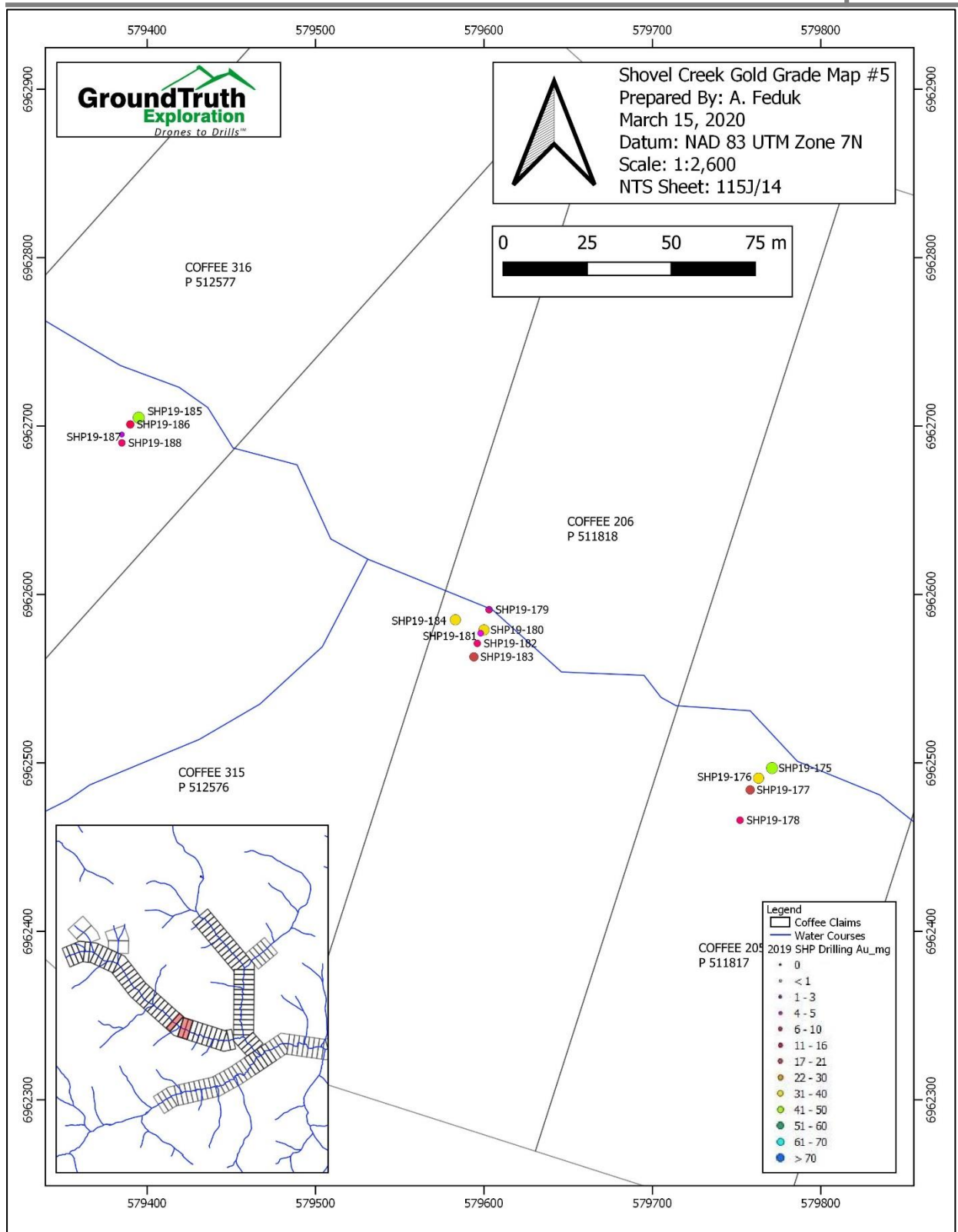


Figure 8: 2019 Shovel Creek Gold Grade Map #5

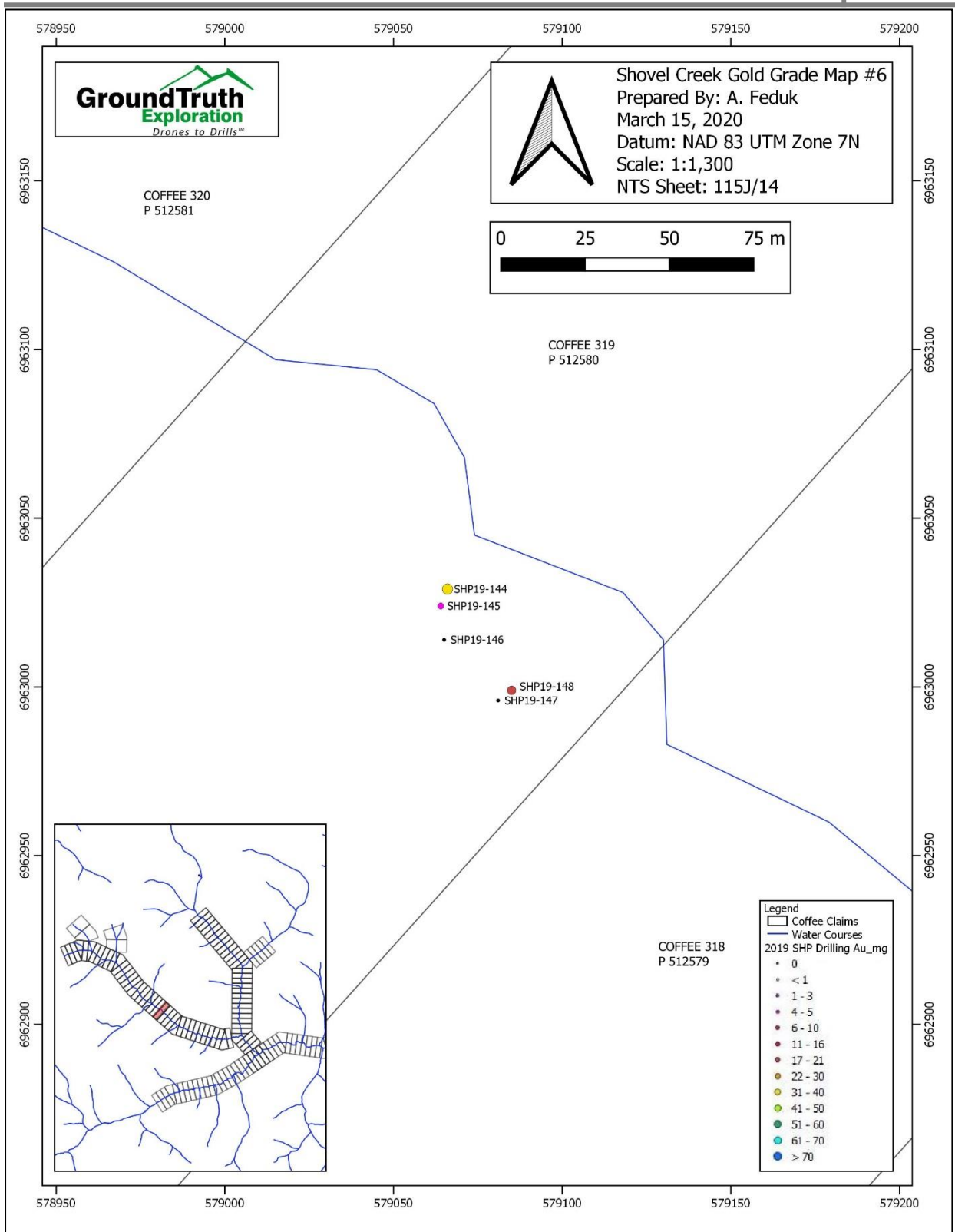


Figure 9: 2019 Shovel Creek Gold Grade Map #6

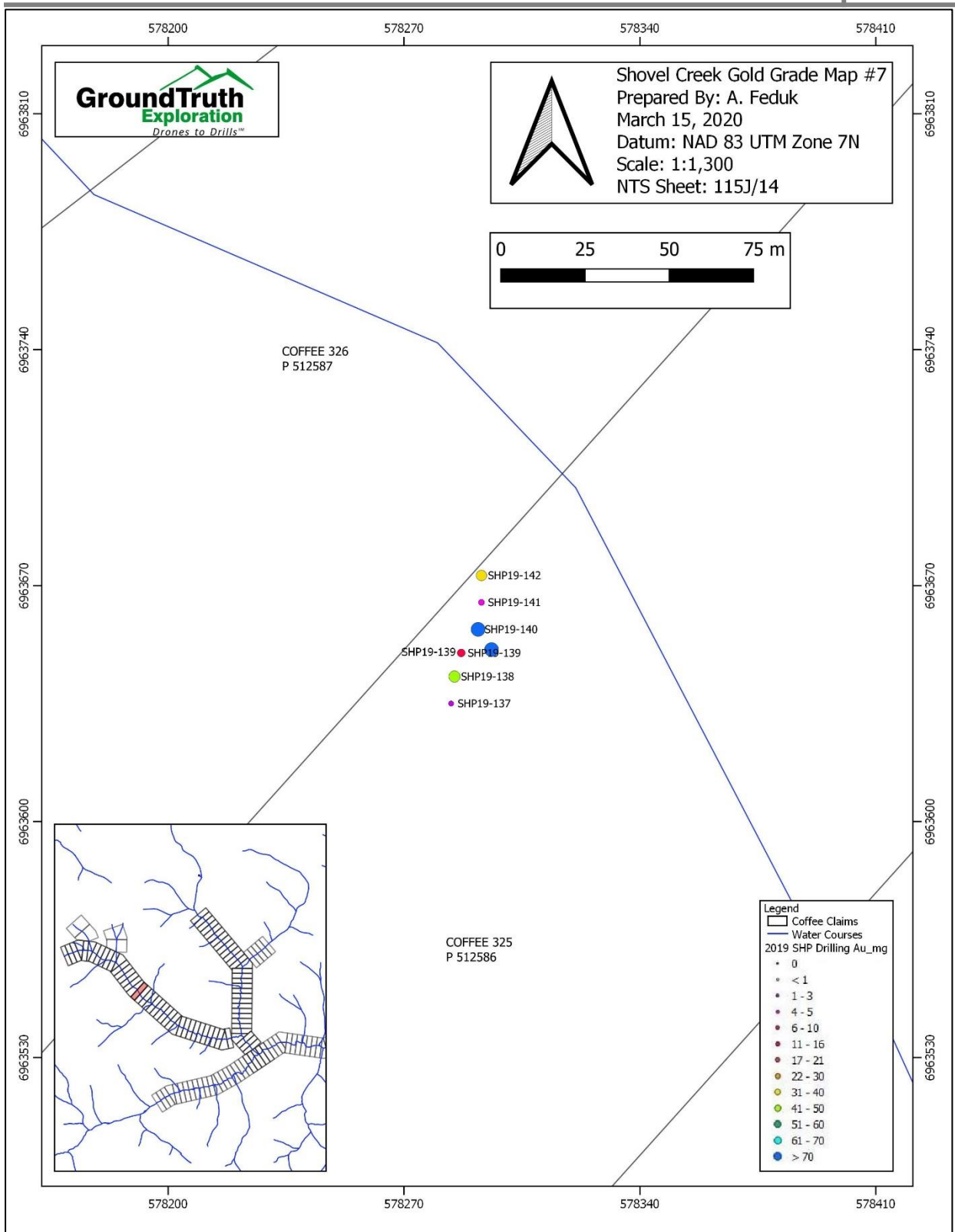


Figure 10: 2019 Shovel Creek Gold Grade Map #7

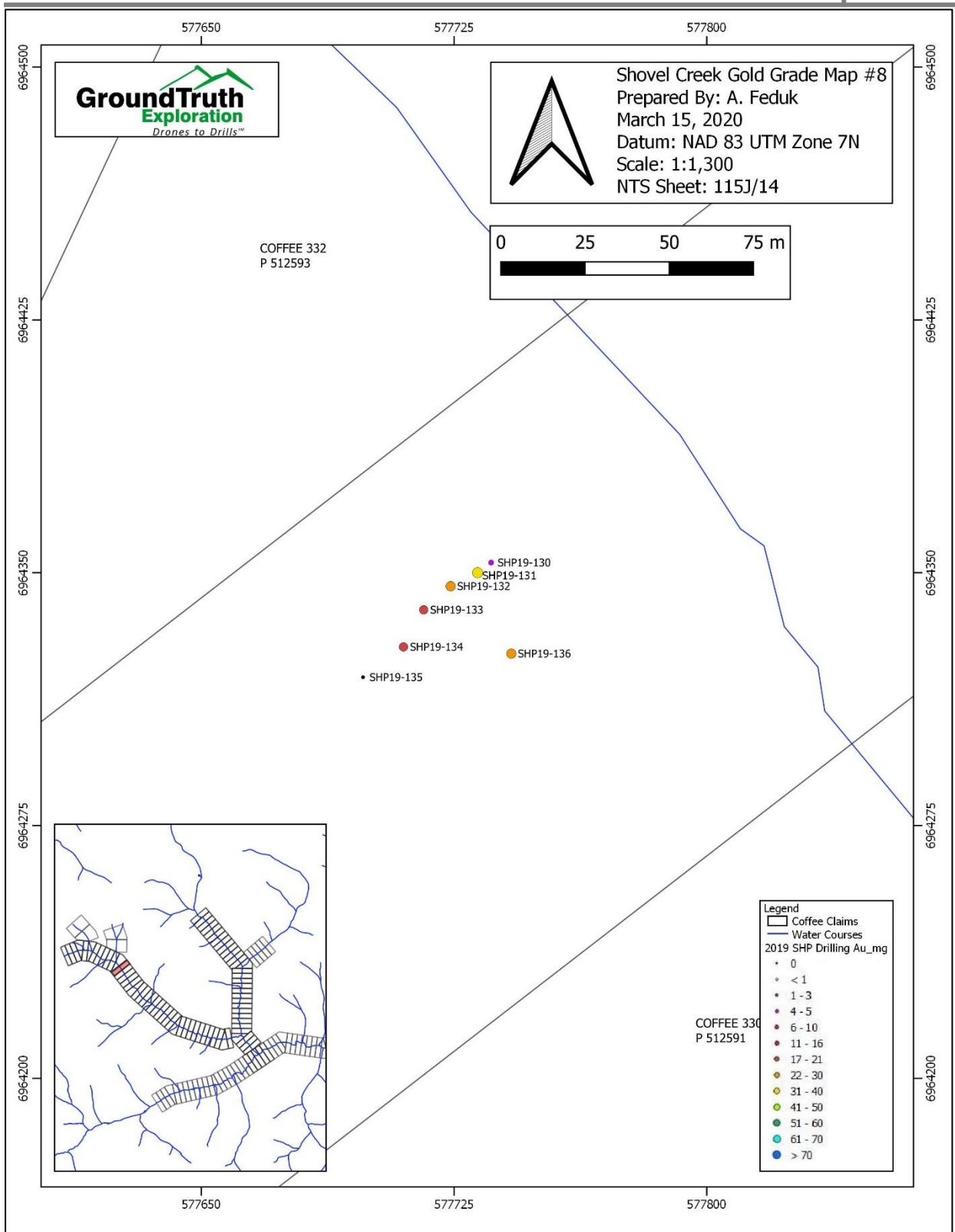


Figure 11: 2019 Shovel Creek Gold Grade Map #8

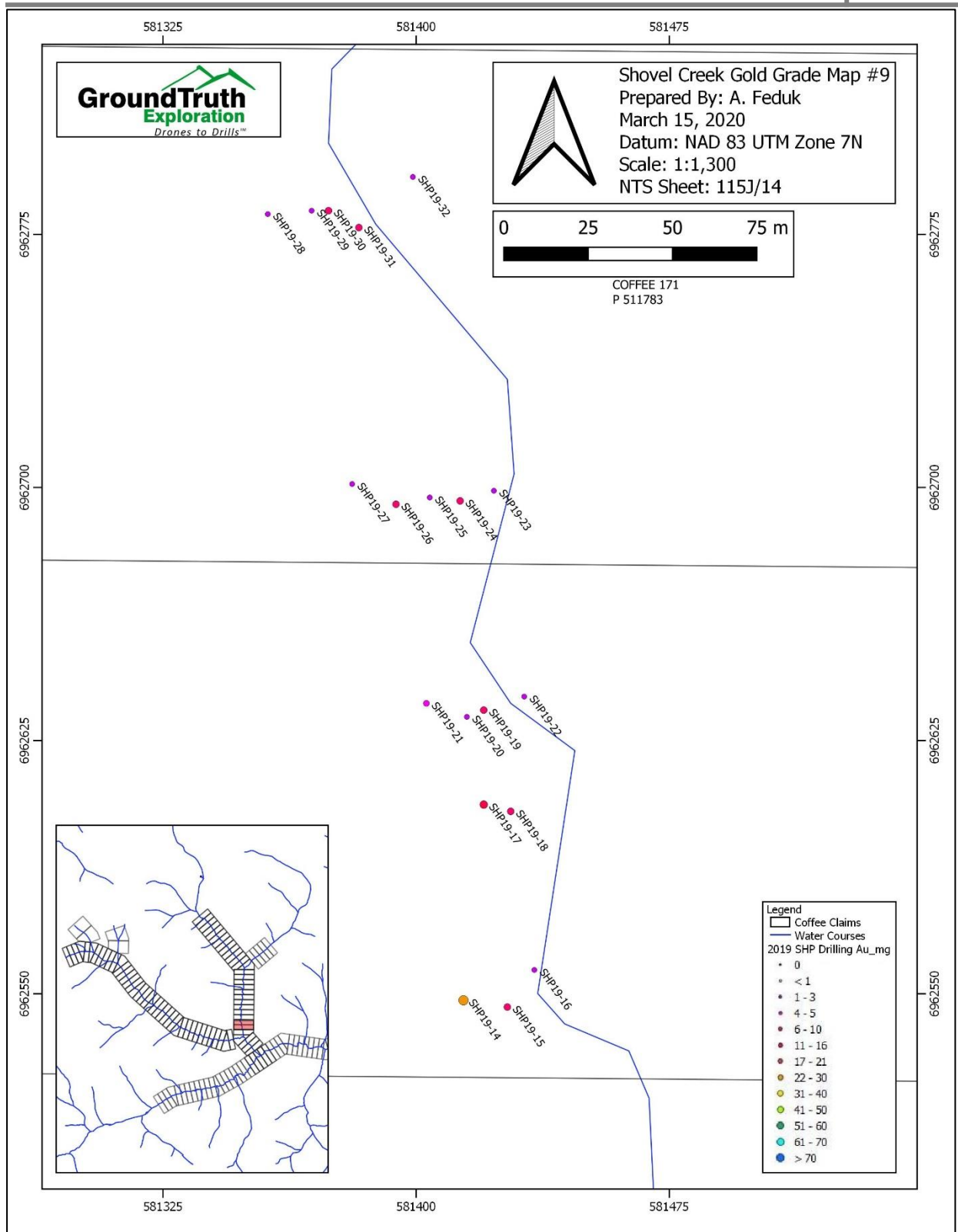


Figure 12: 2019 Shovel Creek Gold Grade Map #9

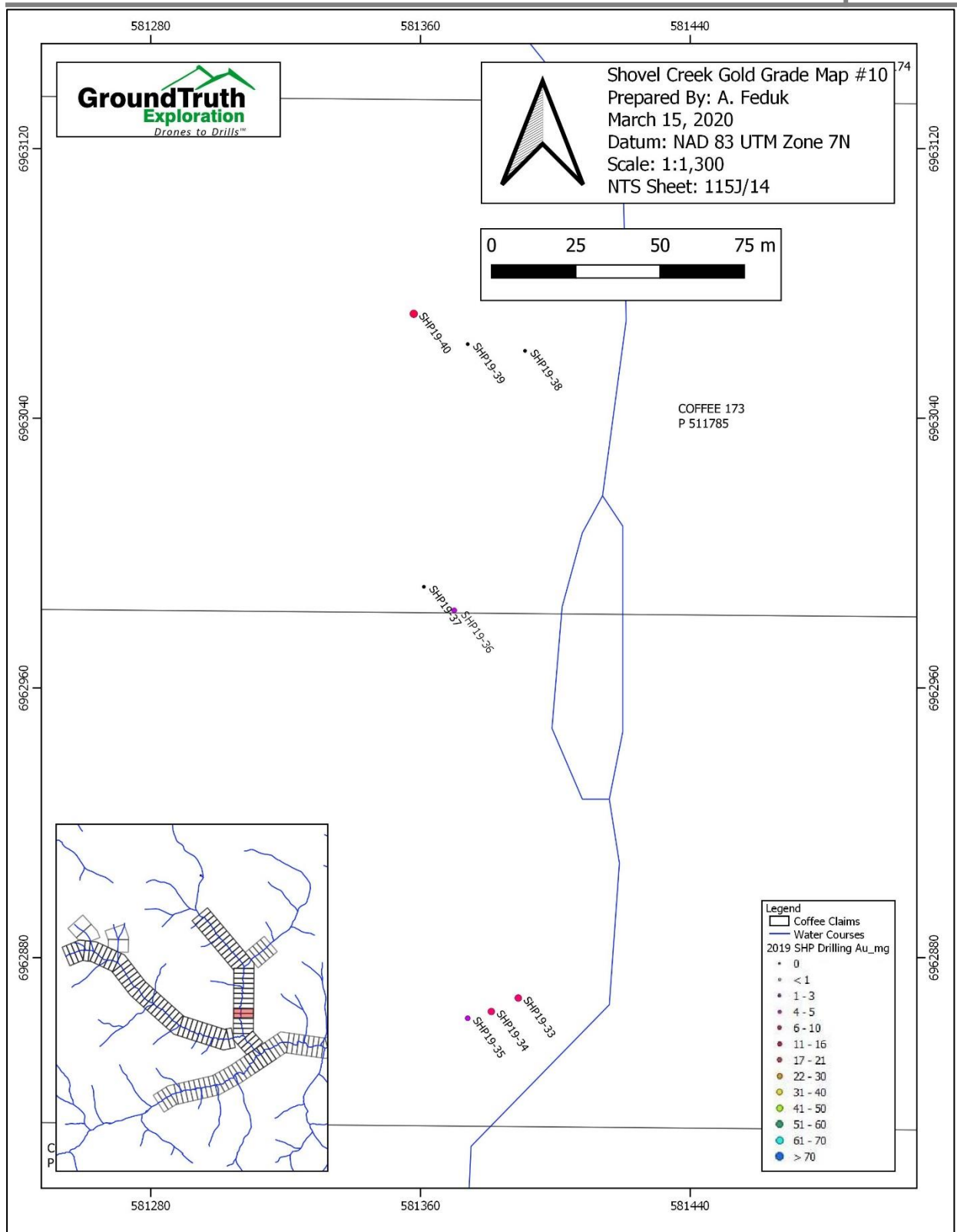


Figure 13: 2019 Shovel Creek Gold Grade Map #10

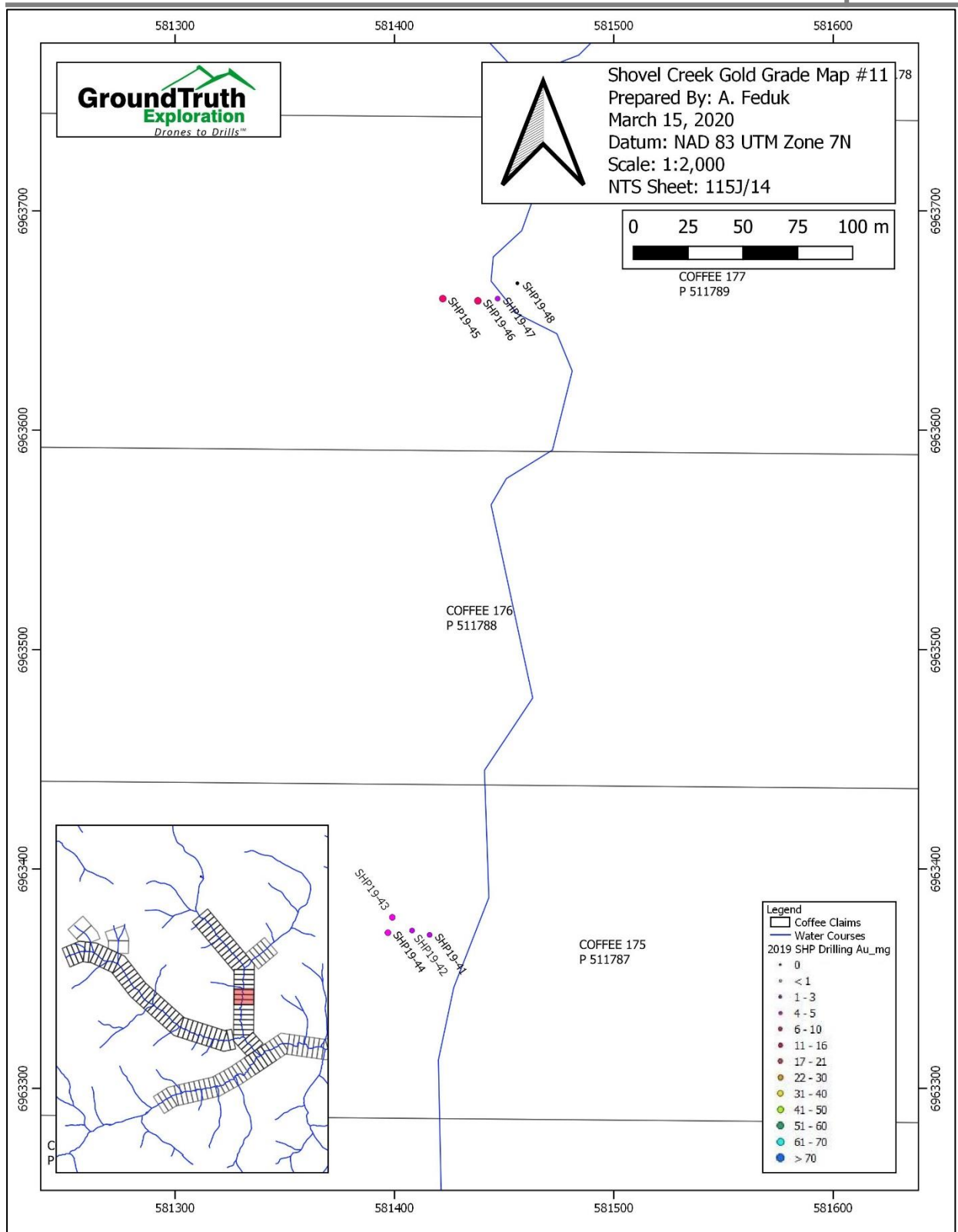


Figure 14: 2019 Shovel Creek Gold Grade Map #11

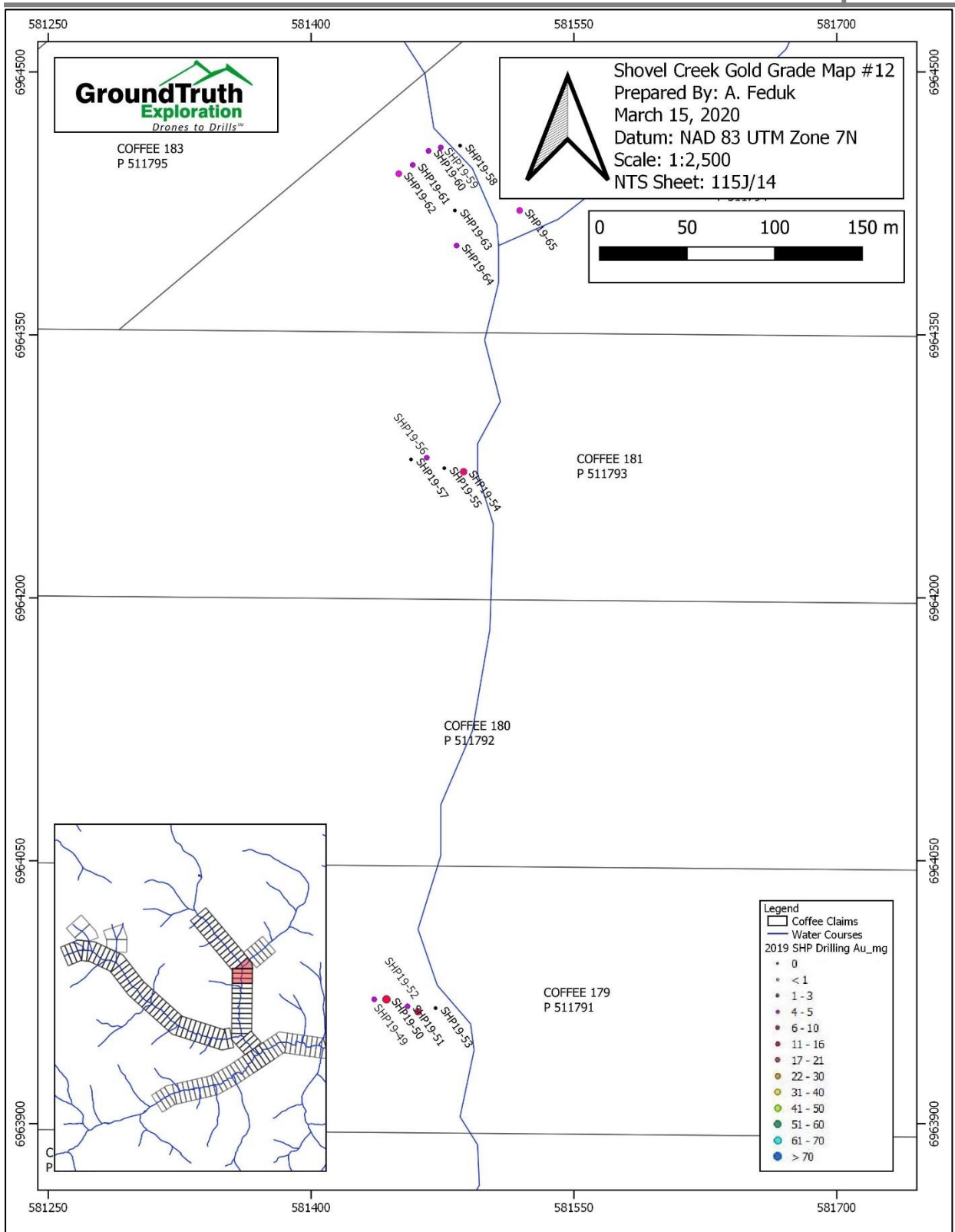


Figure 15: 2019 Shovel Creek Gold Grade Map #12

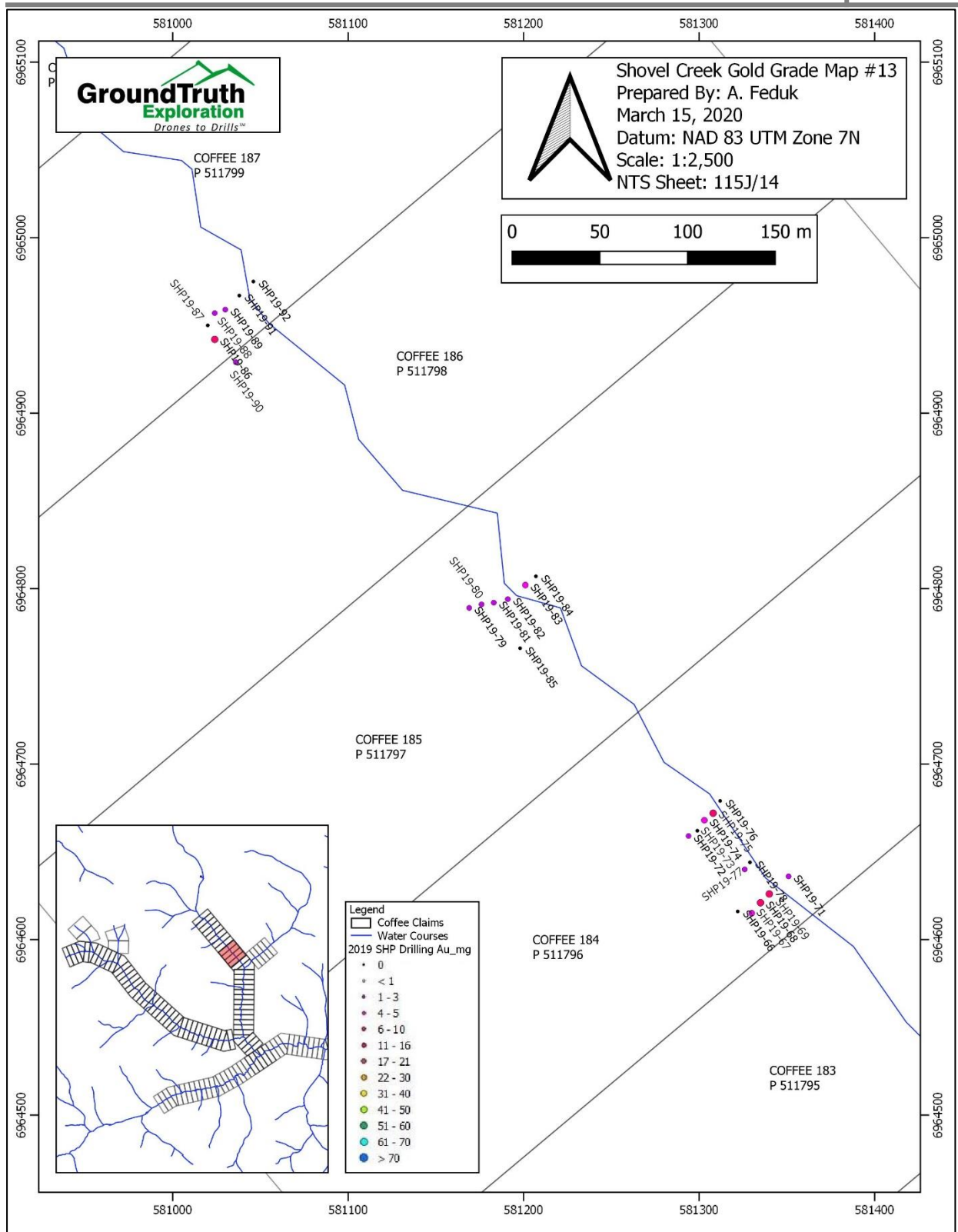


Figure 16: 2019 Shovel Creek Gold Grade Map #13

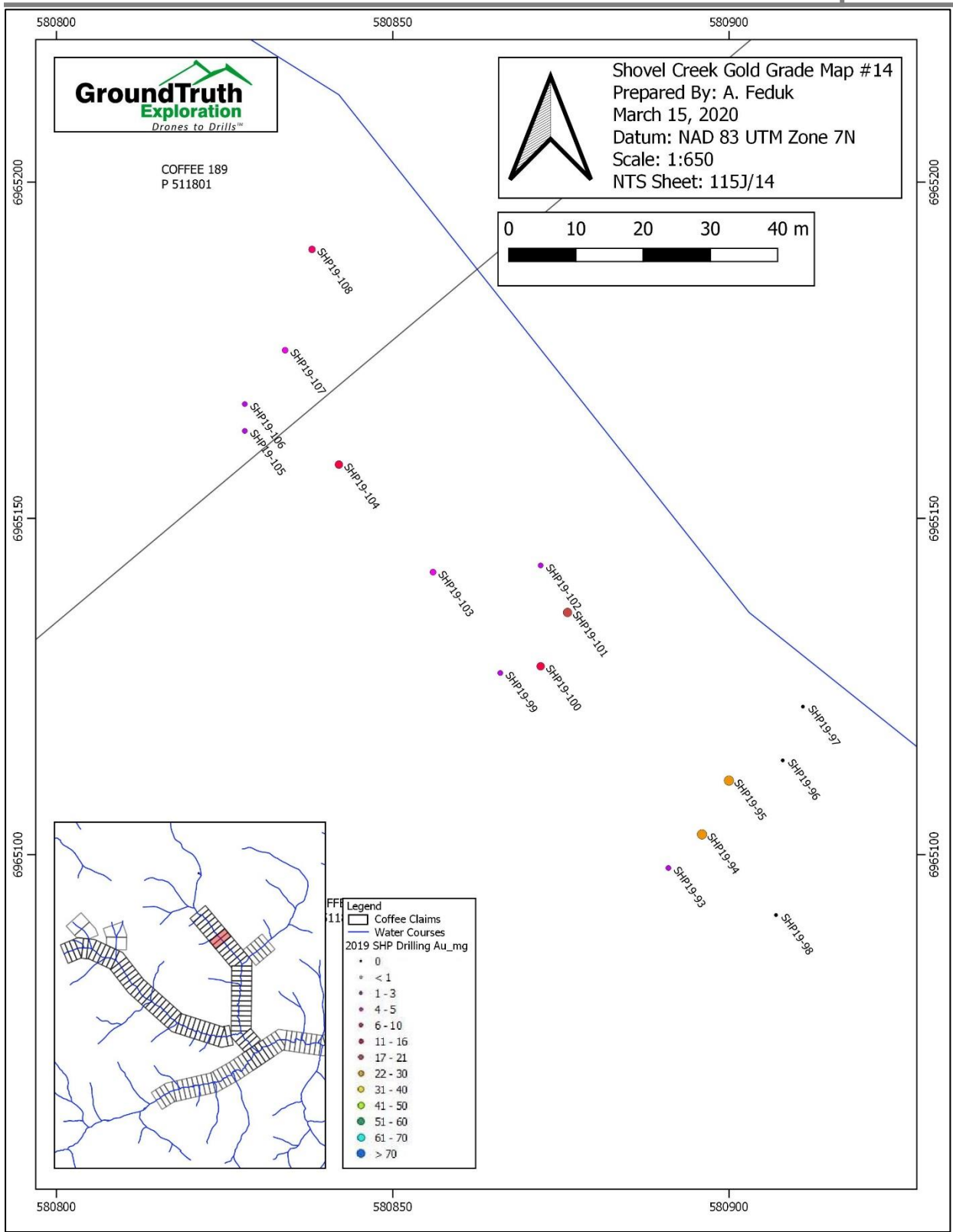


Figure 17: 2019 Shovel Creek Gold Grade Map #14

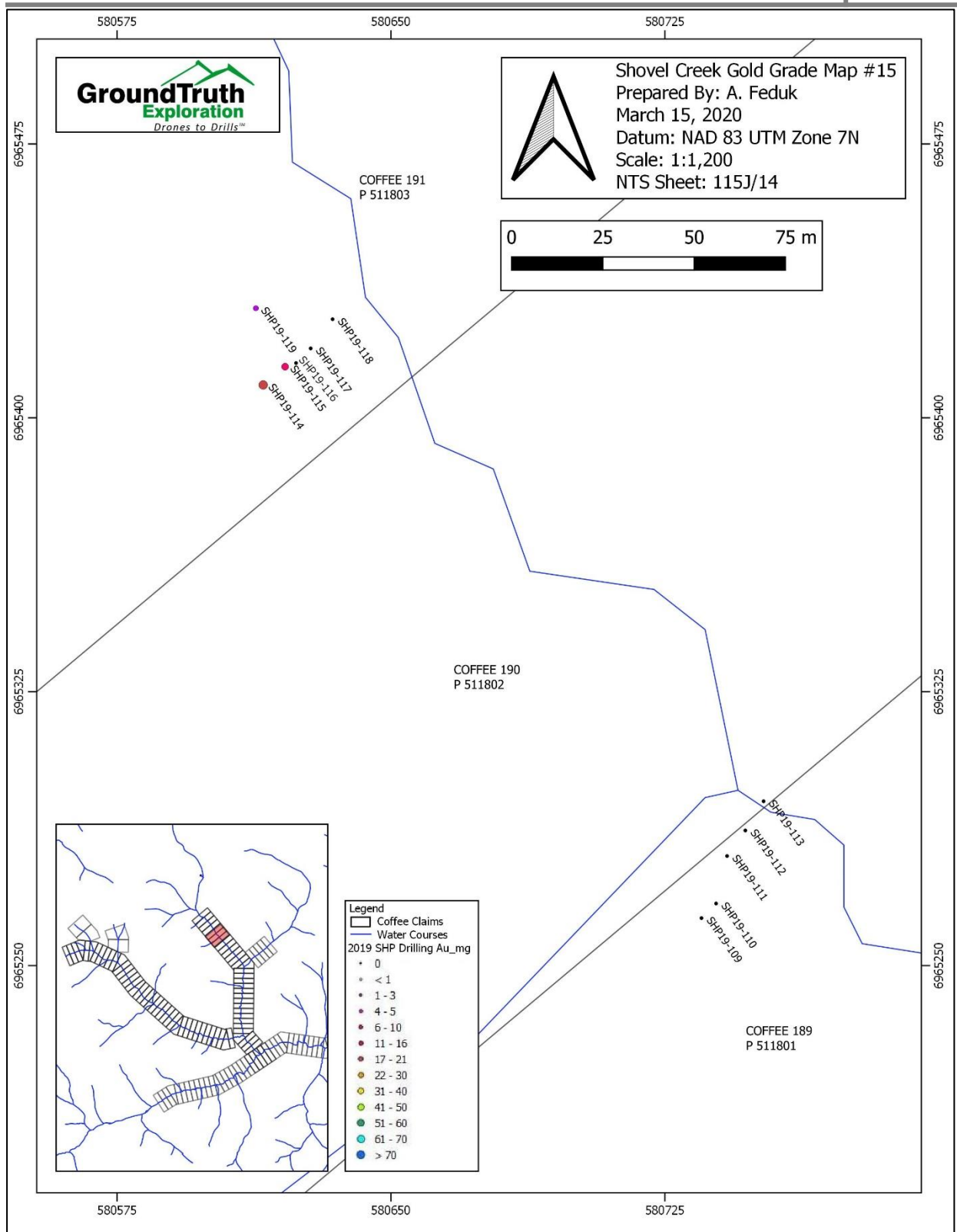


Figure 18: 2019 Shovel Creek Gold Grade Map #15

Table 20 outlines the location and summary data of the drill holes. The detailed downhole results of each hole are found Appendix A.

Table 1: Collar Table and Summary Statistics for Shovel Creek Drill Holes

Hole ID	x	y	TD_ft	BR_ft	Au_mg	Date
SHP19-Test	581944	6961810	20	12	3	2019-06-05
SHP19-01	581976	6961753	15	12	2	2019-06-06
SHP19-02	581967	6961775	15	13	3	2019-06-06
SHP19-03	581959	6961789	20	16	11	2019-06-06
SHP19-04	581962	6961825	15	12.5	2	2019-06-06
SHP19-05	581990	6961851	15	13	3	2019-06-07
SHP19-06	582010	6961865	25	21	6	2019-06-07
SHP19-07	581960	6961883	20	16	3	2019-06-07
SHP19-08	581943	6961869	15	12	3	2019-06-07
SHP19-09	581766	6961960	15	6	2	2019-06-08
SHP19-10	581746	6961988	10	7.5	53	2019-06-08
SHP19-11	581733	6961983	10	7.5	8	2019-06-08
SHP19-12	581720	6961969	10	8	3	2019-06-08
SHP19-13	581710	6961969	10	8	4	2019-06-08
SHP19-14	581414	6962548	10	8	30	2019-06-10
SHP19-15	581427	6962546	15	14	8	2019-06-10
SHP19-16	581435	6962557	15	12	1	2019-06-10
SHP19-17	581420	6962606	15	11	11	2019-06-10
SHP19-18	581428	6962604	15	9	9	2019-06-10
SHP19-19	581420	6962634	15	11	6	2019-06-11
SHP19-20	581415	6962632	15	11	3	2019-06-11
SHP19-21	581403	6962636	15	8	4	2019-06-11
SHP19-22	581432	6962638	15	9	3	2019-06-11
SHP19-23	581423	6962699	15	13	2	2019-06-12
SHP19-24	581413	6962696	15	13	6	2019-06-12
SHP19-25	581404	6962697	15	11	1	2019-06-12
SHP19-26	581394	6962695	15	12.5	9	2019-06-12
SHP19-27	581381	6962701	15	11	1	2019-06-13
SHP19-28	581356	6962781	15	13	1	2019-06-13
SHP19-29	581369	6962782	15	12	2	2019-06-13
SHP19-30	581374	6962782	15	11	6	2019-06-14
SHP19-31	581383	6962777	15	11	10	2019-06-14
SHP19-32	581399	6962792	15	11	2	2019-06-14

Hole ID	x	y	TD_ft	BR_ft	Au_mg	Date
SHP19-33	581389	6962868	15	14	8	2019-06-14
SHP19-34	581381	6962864	15	9.5	7	2019-06-15
SHP19-35	581374	6962862	15	9	1	2019-06-15
SHP19-36	581370	6962983	15	11	3	2019-06-15
SHP19-37	581361	6962990	15	7.5	0	2019-06-16
SHP19-38	581391	6963060	10	8	0	2019-06-16
SHP19-39	581374	6963062	10	8.5	0	2019-06-16
SHP19-40	581358	6963071	15	11	11	2019-06-16
SHP19-41	581416	6963370	15	13	3	2019-08-05
SHP19-42	581408	6963372	15	13	1	2019-08-05
SHP19-43	581399	6963378	15	12	5	2019-08-05
SHP19-44	581397	6963371	15	12.5	4	2019-08-06
SHP19-45	581422	6963660	15	10	8	2019-08-06
SHP19-46	581438	6963659	15	8	8	2019-08-06
SHP19-47	581447	6963660	15	9	3	2019-08-06
SHP19-48	581456	6963667	15	8	0	2019-08-07
SHP19-49	581436	6963971	20	9.5	2	2019-08-07
SHP19-50	581443	6963971	15	10	16	2019-08-07
SHP19-51	581455	6963967	15	9.5	3	2019-08-07
SHP19-52	581461	6963964	15	9.5	7	2019-08-08
SHP19-53	581471	6963966	15	10.5	0	2019-08-08
SHP19-54	581487	6964272	15	8	9	2019-08-09
SHP19-55	581476	6964274	15	9	0	2019-08-09
SHP19-56	581466	6964280	10	8	3	2019-08-09
SHP19-57	581457	6964279	10	9	0	2019-08-09
SHP19-58	581485	6964458	15	11	0	2019-08-10
SHP19-59	581474	6964457	15	11.5	1	2019-08-10
SHP19-60	581467	6964455	10	8	1	2019-08-10
SHP19-61	581458	6964447	10	8	2	2019-08-10
SHP19-62	581450	6964442	15	12	4	2019-08-10
SHP19-63	581482	6964421	15	12	0	2019-08-10
SHP19-64	581483	6964401	10	8	3	2019-08-11
SHP19-65	581519	6964421	10	9	4	2019-08-11
SHP19-66	581322	6964616	15	12	0	2019-08-11
SHP19-67	581330	6964615	10	8	5	2019-08-11
SHP19-68	581335	6964621	15	8.5	8	2019-08-11
SHP19-69	581340	6964626	10	8.5	6	2019-08-12
SHP19-70	581345	6.96E+08	15	9	3	2019-08-12
SHP19-71	581351	6964636	15	9	1	2019-08-12
SHP19-72	581294	6964659	10	7.5	3	2019-08-12

Hole ID	x	y	TD_ft	BR_ft	Au_mg	Date
SHP19-73	581299	6964662	10	8.5	0	2019-08-12
SHP19-74	581303	6964668	15	9	4	2019-08-12
SHP19-75	581308	6964672	15	9	6	2019-08-13
SHP19-76	581312	6964679	15	8.5	0	2019-08-13
SHP19-77	581326	6964640	10	9	3	2019-08-13
SHP19-78	581329	6964644	10	8.5	0	2019-08-13
SHP19-79	581169	6964789	10	8.5	3	2019-08-13
SHP19-80	581176	6964791	10	9	1	2019-08-14
SHP19-81	581183	6964792	15	12	3	2019-08-14
SHP19-82	581191	6964794	20	19	1	2019-08-14
SHP19-83	581201	6964802	20	14	5	2019-08-14
SHP19-84	581207	6964807	20	muck, no BR	0	2019-08-14
SHP19-85	581198	6964766	15	11	0	2019-08-14
SHP19-86	581024	6964942	10	8.5	9	2019-08-15
SHP19-87	581020	6964950	10	8.5	0	2019-08-15
SHP19-88	581024	6964957	10	8.5	1	2019-08-15
SHP19-89	581030	6964959	15	11	3	2019-08-15
SHP19-90	581036	6964929	10	8	2	2019-08-15
SHP19-91	581038	6964967	15	12	0	2019-08-15
SHP19-92	581046	6964975	25	23	0	2019-08-17
SHP19-93	580891	6965098	10	8.5	3	2019-08-17
SHP19-94	580896	6965103	15	11	27	2019-08-17
SHP19-95	580900	6965111	15	13	25	2019-08-17
SHP19-96	580908	6965114	20	15	0	2019-08-18
SHP19-97	580911	6965122	20	16.5	0	2019-08-18
SHP19-98	580907	6965091	15	12.5	0	2019-08-18
SHP19-99	580866	6965127	10	8	2	2019-08-18
SHP19-100	580872	6965128	10	8	12	2019-08-19
SHP19-101	580876	6965136	10	6.5	20	2019-08-19
SHP19-102	580872	6965143	10	7	3	2019-08-19
SHP19-103	580856	6965142	15	10	4	2019-08-19
SHP19-104	580842	6965158	10	7.5	13	2019-08-19
SHP19-105	580828	6965163	10	9	2	2019-08-20
SHP19-106	580828	6965167	10	9	2	2019-08-20
SHP19-107	580834	6965175	10	8.5	4	2019-08-20
SHP19-108	580838	6965190	20	15	6	2019-08-20
SHP19-109	580735	6965263	10	7	0	2019-08-20
SHP19-110	580739	6965267	10	6	0	2019-08-20

Hole ID	x	y	TD_ft	BR_ft	Au_mg	Date
SHP19-111	580742	6965280	15	12	0	2019-08-21
SHP19-112	580747	6965287	20	16	0	2019-08-21
SHP19-113	580752	6965295	20	19	0	2019-08-21
SHP19-114	580615	6965409	10	8	21	2019-08-21
SHP19-115	580621	6965414	10	7.5	7	2019-08-21
SHP19-116	580624	6965415	10	9.5	0	2019-08-22
SHP19-117	580628	6965419	15	12.5	0	2019-08-22
SHP19-118	580634	6965427	15	14	0	2019-08-22
SHP19-119	580613	6965430	10	8	1	2019-08-22
SHP19-120	581320	6962236	10	9	4	2019-09-04
SHP19-121	581318	6962245	15	9	17	2019-09-04
SHP19-122	581318	6962254	10	8.5	27	2019-09-04
SHP19-123	581317	6962259	10	9	38	2019-09-04
SHP19-124	581316	6962271	10	9	10	2019-09-05
SHP19-125	581318	6962281	15	9	63	2019-09-05
SHP19-126	581023	6962183	15	11.5	16	2019-09-06
SHP19-127	581021	6962188	15	11	3	2019-09-06
SHP19-128	581021	6962197	15	9.5	8	2019-09-06
SHP19-129	581021	6962205	10	9	12	2019-09-07
SHP19-130	577736	6964353	15	11.5	3	2019-09-07
SHP19-131	577732	6964350	15	9	40	2019-09-07
SHP19-132	577724	6964346	15	7.5	24	2019-09-08
SHP19-133	577716	6964339	15	9.5	20	2019-09-08
SHP19-134	577710	6964328	15	9.5	18	2019-09-08
SHP19-135	577698	6964319	15	9.5	0	2019-09-08
SHP19-136	577742	6964326	15	9.5	25	2019-09-09
SHP19-137	578284	6963635	15	12	2	2019-09-09
SHP19-138	578285	6963643	15	11	45	2019-09-09
SHP19-139	578287	6963650	15	8	16	2019-09-09
SHP19-140	578292	6963657	15	11.5	276	2019-09-09
SHP19-141	578293	6963665	20	7.5	4	2019-09-09
SHP19-142	578293	6963673	15	12.5	31	2019-09-09
SHP19-143	578296	6963651	15	11.5	125	2019-09-10
SHP19-144	579066	6963029	15	10.5	35	2019-09-10
SHP19-145	579064	6963024	15	7.5	5	2019-09-10
SHP19-146	579065	6963014	10	8	0	2019-09-10
SHP19-147	579081	6962996	15	9	0	2019-09-10
SHP19-148	579085	6962999	15	7.5	18	2019-09-11
SHP19-149	580677	6962180	15	9	12	2019-09-11

Hole ID	x	y	TD_ft	BR_ft	Au_mg	Date
SHP19-150	580680	6962187	15	11	6	2019-09-11
SHP19-151	580676	6962194	15	9.5	16	2019-09-11
SHP19-152	580681	6962201	20	10	1	2019-09-12
SHP19-153	580696	6962187	10	8	0	2019-09-12
SHP19-154	580600	6962214	15	9	4	2019-09-12
SHP19-155	580598	6962208	10	8.5	0	2019-09-12
SHP19-156	580596	6962200	10	8	46	2019-09-12
SHP19-157	580595	6962195	15	11.5	2	2019-09-12
SHP19-158	580621	6962195	10	9	0	2019-09-13
SHP19-159	580491	6962233	15	11	2	2019-09-13
SHP19-160	580493	6962238	10	9	1	2019-09-13
SHP19-161	580494	6962248	10	8.5	69	2019-09-13
SHP19-162	580495	6262257	15	10	3	2019-09-13
SHP19-163	580497	6962265	15	12.5	6	2019-09-13
SHP19-164	580515	6962242	15	9	35	2019-09-14
SHP19-165	580251	6962299	15	8.5	29	2019-09-14
SHP19-166	580252	6962309	15	11	7	2019-09-14
SHP19-167	580250	6962311	15	12	5	2019-09-14
SHP19-168	580271	6962300	15	8.5	31	2019-09-14
SHP19-169	580045	6962370	15	11.5	10	2019-09-15
SHP19-170	580049	6962376	15	10	9	2019-09-15
SHP19-171	580050	6962386	15	10.5	4	2019-09-15
SHP19-172	580055	6962392	10	8	3	2019-09-15
SHP19-173	580054	6962398	10	9	5	2019-09-16
SHP19-174	580033	6962393	15	8.5	27	2019-09-16
SHP19-175	579771	6962497	10	9	42	2019-09-16
SHP19-176	579763	6962491	15	8.5	39	2019-09-16
SHP19-177	579758	6962484	15	8	20	2019-09-16
SHP19-178	579752	6962466	10	6.5	9	2019-09-17
SHP19-179	579603	6962591	10	7.5	9	2019-09-17
SHP19-180	579600	6962579	10	8	35	2019-09-17
SHP19-181	579598	6962577	15	8.5	4	2019-09-17
SHP19-182	579596	6962571	15	9	8	2019-09-17
SHP19-183	579594	6962563	15	11	18	2019-09-17
SHP19-184	579583	6962585	15	12	35	2019-09-18
SHP19-185	579395	6962705	15	9	43	2019-09-18
SHP19-186	579390	6962701	10	8	14	2019-09-18
SHP19-187	579385	6962695	10	8.5	2	2019-09-18
SHP19-188	579385	6962690	10	9	7	2019-09-19

Hole ID	x	y	TD_ft	BR_ft	Au_mg	Date
SHP19-189	581378	6962306	10	8	4	2019-09-19
SHP19-190	581378	6962297	15	12	24	2019-09-19
SHP19-191	581382	6962289	15	9	0	2019-09-20
SHP19-192	581380	6962278	10	8.5	8	2019-09-20
SHP19-193	581384	6962270	15	8.5	11	2019-09-20
SHP19-194	581386	6962260	10	8.5	42	2019-09-20
SHP19-195	581385	6962249	10	7	89	2019-09-20
SHP19-196	581451	6962240	15	10	3	2019-09-20

8.0 Shafting

8.1 Work Performed

The 2019 shafting program on Shovel Creek consisted of five shafts totaling 16.4 meters (54.59 feet). Each shaft had the dimensions of approximately 1.52 x 1.52 meters (5 x 5 feet) and ranged from 3.15 to 3.35 meters (10.33 to 11 feet) in depth. All shafts were successful in reaching bedrock, no infilling of water into the shaft was encountered due to the use of a submersible pump. All shafting occurred near the 2018 drill holes and the 2019 test hole.

8.2 Field Operating Procedure

All brush, snow and rocks are cleared 5 x 5 meters around where the shaft will be dug. Flagging tape is used to mark the area of the shaft. Water is heated on an open fire to thaw the area where the shaft will be dug. The center of the shaft is plugged and the area is worked to the outside walls. A small plugger is used for the last stage of plugging to polish up the walls. The second stage of shafting includes using the medium plugger which is used to shape the shaft. Once the shaft is at a depth where the buckets of material can no longer be passed up manually a one pulley system is mounted over the shaft. Three 4-meter logs are placed over the shaft at a 45° angle and flat webbing is used to tie the logs together. A 1-meter long chain is wrapped around the pinnacle of the three logs securing it with a properly rated carabiner and the pulley system is attached to the chain.

8.3 Results

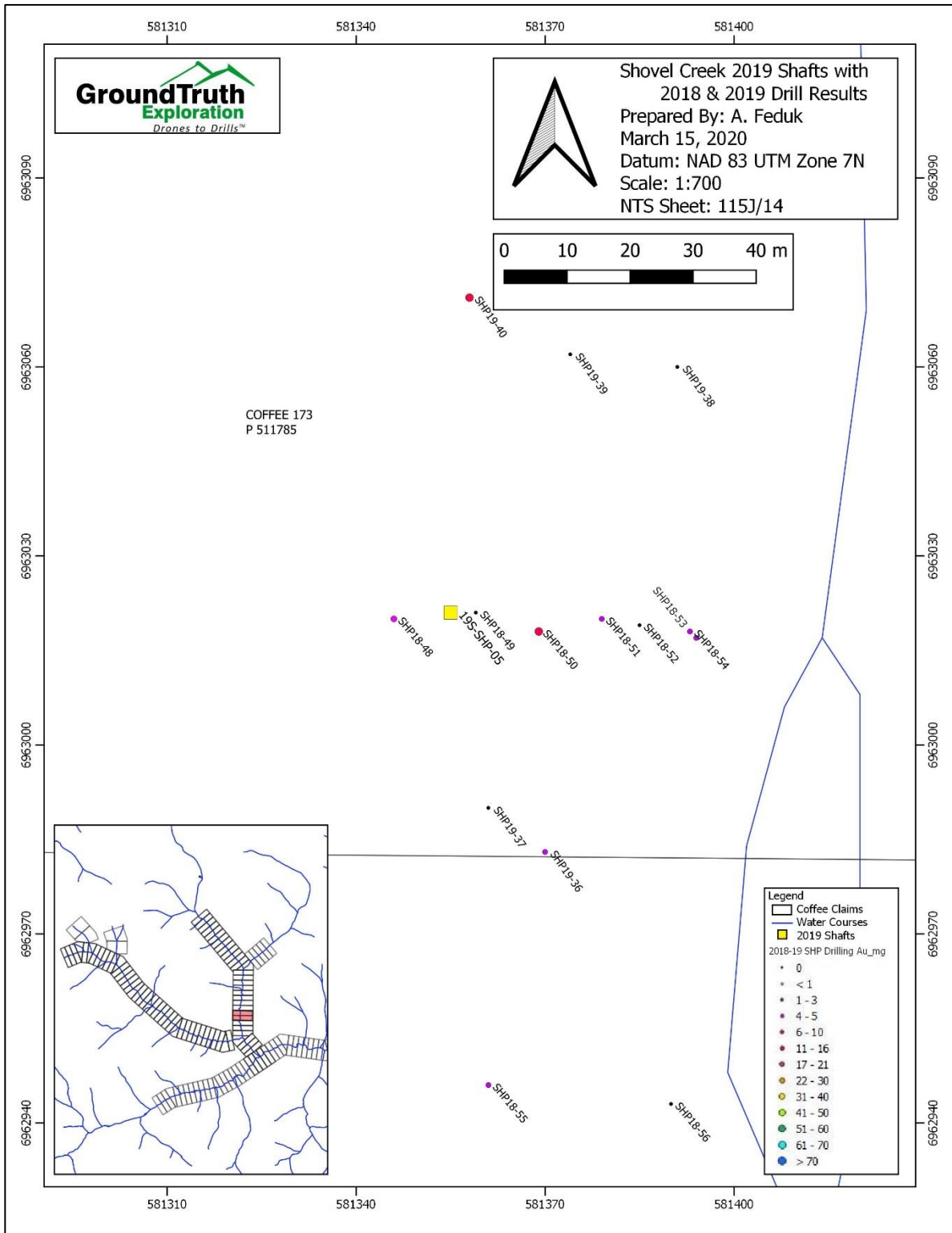


Figure 19: 2019 Shafts with 2018 and 2019 Drill Results #1

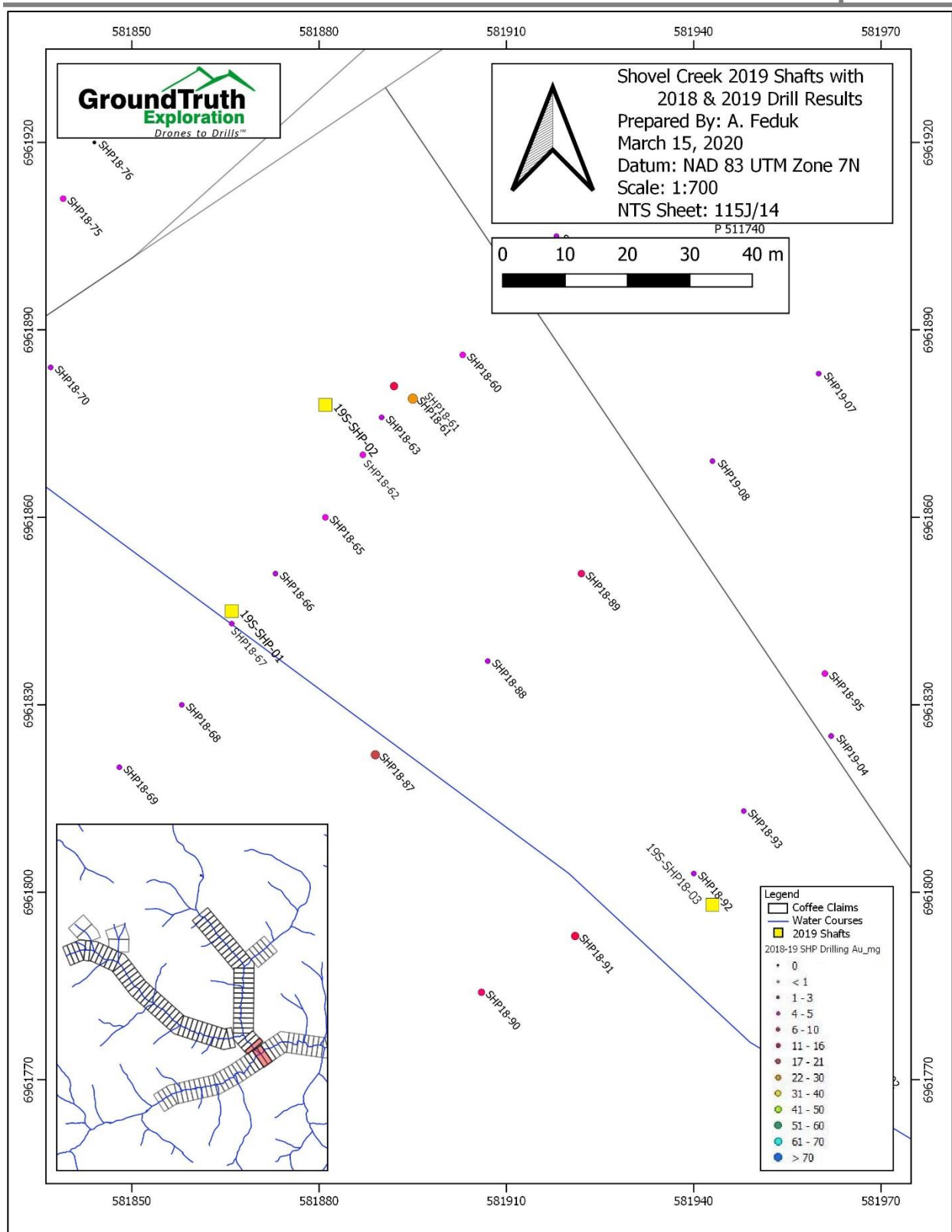


Figure 20: 2019 Shafts with 2018 and 2019 Drill Results #2

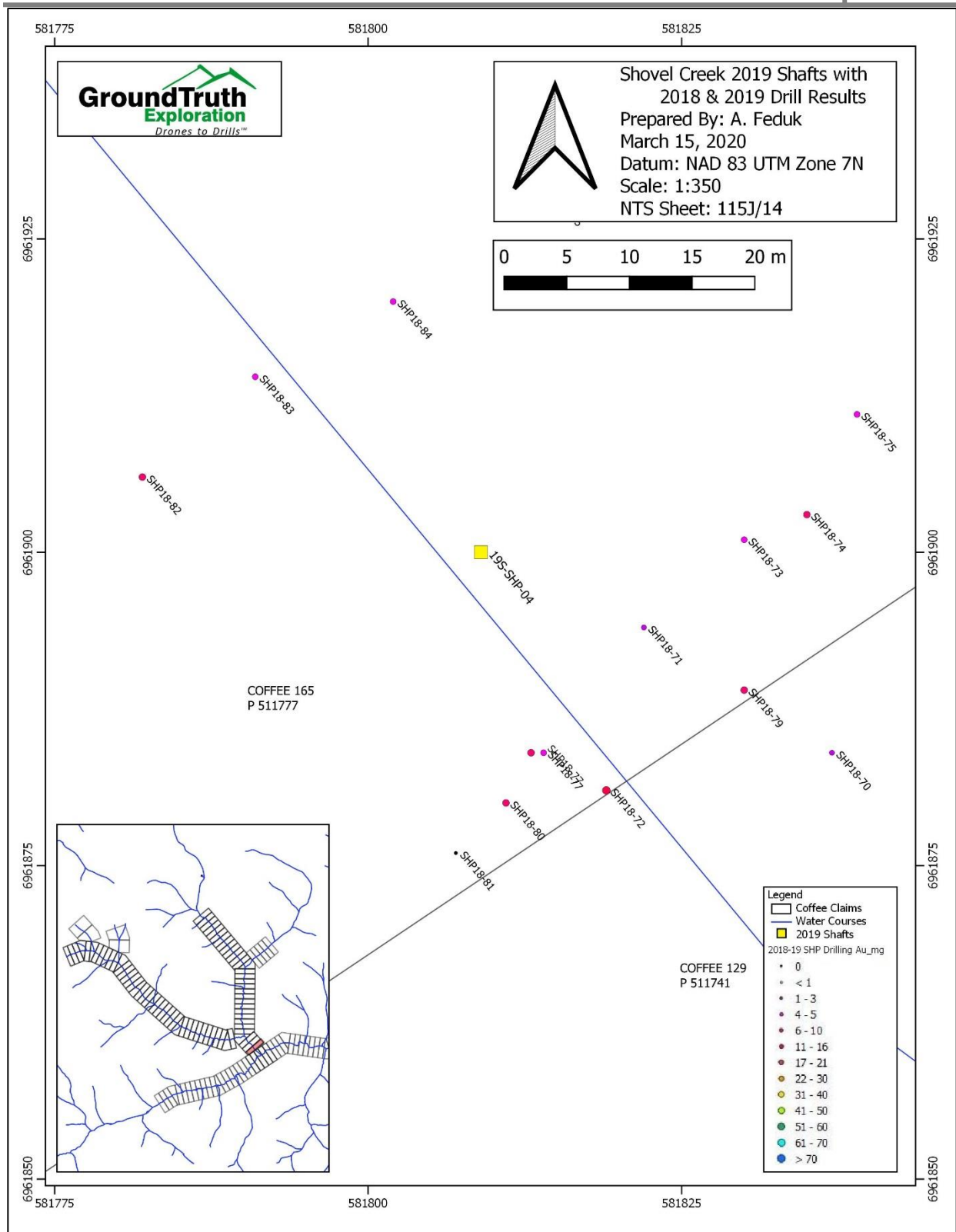


Figure 21: 2019 Shafts with 2018 and 2019 Drill Results #3

Table 2: Summary Statistics of Shafts

Shaft ID	Start Date	End Date	Northing	Easting	Total Depth	Au_mg
19S-SHP-01	4/9/2019	4/11/2019	07 V 581866	6961845	11'	
From_ft	To_ft	Material	Estimated Rock Size	Estimated Weight	Color	
0	6	Muck	-	-	Black	0
6	7.5	gravel				12
7.5	8.5	boulders, gravel	1.5' x 1' x 8"			19
8.5	9.9	boulders, gravel	1.5' x 1' x 8"			8
9.9	11	bedrock, silty - clay			grey	5
Shaft ID	Start Date	End Date	X Coordinate	Y Coordinate	Total Depth	Au_mg
19S-SHP-02	4/9/2019	4/12/2019	07 V 0581884	6961878	10.5'	
From_ft	To_ft	Material	Estimated Rock Size	Estimated Weight	Color	
0	0.5	organic	-	-	black	0
0.5	2.5	Boulders, fluvial	40cm	5lb- 150lb	grey, brown	0
2.5	3.5	Boulders, gravel, fluvial	30cm	30lb	grey rocks.	12
3.5	4.5	Boulders, gravel, fluvial	30cm	30lb	grey rocks.	110
4.5	5.5	Boulders, gravel, fluvial	30cm	25lb	grey rocks.	60
5.5	6.5	Boulders, gravel, fluvial	30cm	20lb	grey rocks.	156
6.5	7.5	Boulders, gravel, fluvial	30cm	20lb	grey rocks.	46
7.5	8.5	Boulders, gravel, fluvial	30cm	20lb	grey rocks.	21
8.5	9.5	clay			orange	2
9.5	10.5	Bedrock on east wall	3 cm - 20 cm	20lb	grey, dark grey	4

Shaft ID	Start Date	End Date	X Coordinate	Y Coordinate	Total Depth	Au_mg
19S-SHP-03	4/12/2019	4/16/2019	07 V 581943	6961798	12.5'	
From_ft	To_ft	Material	Estimated Rock Size	Estimated Weight	Color	
0	4	muck	-	-	black	0
4	7	sand gravel				1
7	8.5	large boulder, gravel				12
8.5	10	large boulder, gravel				10
10	10.7	large boulder, gravel				9
10.7	11.7	large boulder, gravel				15
11.7	12	transition zone from gravel to bedrock.			grey	200
12	12.5	Bedrock				6
Shaft ID	Start Date	End Date	X Coordinate	Y Coordinate	Total Depth	Au_mg
19S-SHP-04	4/13/2019	4/16/2019	07 V 0581809	6961900	10'4"	
From_ft	To_ft	Material	Estimated Rock Size	Estimated Weight	Color	
0	0.8	organic	-	-	dark brown/black	0
0.8	2.5	sand, boulders	10cm up to 90cm	30		0
2.5	5.5	gravel, boulders	20cm up to 80cm	30		0
5.5	6.5	gravel, boulders	20cm up to 80cm	30		20
6.5	7.5	gravel, boulders	20cm up to 80cm	30		19
7.5	8.5	gravel, boulders	20cm up to 80cm	30		23
8.5	9.5	gravel, boulders	20cm up to 80cm	30		52
9.5	10.5	Bedrock		30		25

Shaft ID	Start Date	End Date	X Coordinate	Y Coordinate	Total Depth	Au_mg
19S-SHP-05	4/18/2019	4/20/2019	07 V 0581355	6963021	10'5"	
From_ft	To_ft	Material	Estimated Rock Size	Estimated Weight	Color	
0	0.5	organic				0
0.5	2.5	muck w organic				0
2.5	3	gravel	8"			2
3	5.5	muck				0
5.5	6.5	gravel	6"			0
6.5	7.5	White layer. ash?			white	0
7.5	8.5	big stones	1.5' - 8"			< 1
8.5	9.7	gravel	6-8"			0
9.7	10	clay	grey			5
10	10.5	bedrock				< 1

9.0 Discussion and Interpretation

It has been determined that all of Shovel Creek is rich in placer gold. The west tributary has a higher gold grade compared to that of main Shovel Creek. Prior to the 2019 drill program it was hypothesized that the placer gold had been deposited from the hard rock deposit found on Coffee Creek. With additional knowledge gained from the 2019 drilling of the west tributary it is possible the gold is coming from the Independence side rather than the Coffee side (Figure 22).

The holes that were processed in 2.5-foot intervals show that there are two deposit mechanisms resulting in distinct zones of gold enrichment within the creek drainage. There is a deep deposit located at the bedrock contact and within the bedrock, this gold was deposited when the creek was actively eroding the bedrock. The remaining gold was found at variable depths within the drill holes, and generally near the surface. This gold was found just below the permafrost which indicates a second, and possibly current, depositional regime within the creek that happened after the formation of the permafrost within the fluvial material. This second and maybe continuing pulse of near surface gold may explain why it was so easy for old timers to hand mine gold in this creek with simple hand tools.

In certain areas it was difficult for the drillers to determine when they were truly at bedrock due to the nature of the material returned from the drill: mainly dust and very small chips.

It is possible that there was some error associated with estimating bedrock penetration that resulted in premature stoppage on some holes. This could be due to confusion from either a highly compacted or cemented false bottom, or from striking a large boulder.

Another significant feature is that the shafts have a higher composition of gold than the nearby drill holes. This indicates that approximately an additional 10% can be added to the gold results from the drill holes.

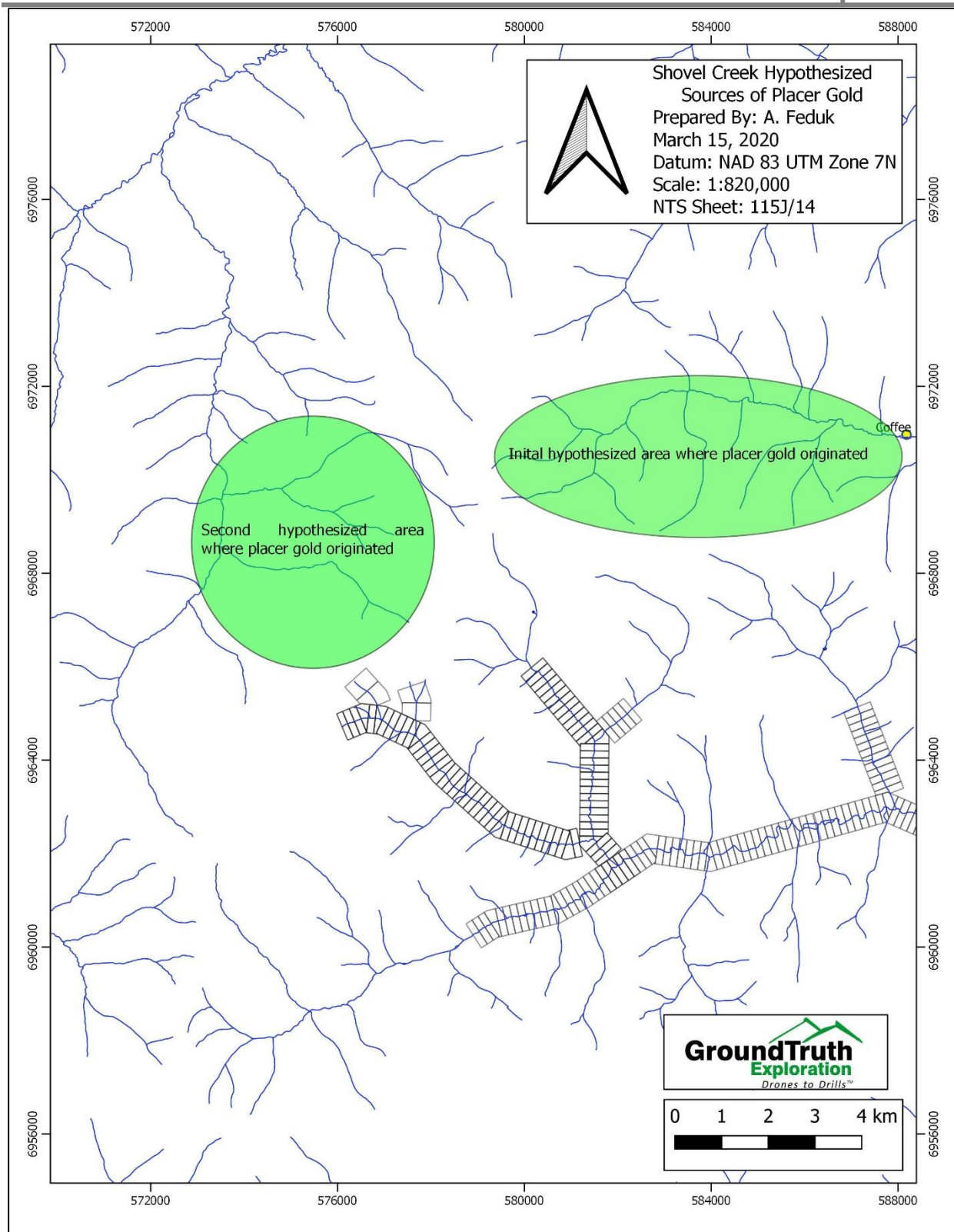


Figure 22: Hypothesized Origins of Placer Gold

10.0 Recommendations

Additional shafting is needed to confirm and expand the interpretation set forth. Specifically, where large amounts of gold have been found in drill holes, additional shafting near these holes can determine the exact percentage the shafts upgrade the drill holes. It is recommended to shaft near both high-grade and low-grade drill holes so that an actual percentage can be determined.

The two-zone theory of deposition can be further confirmed by adding resistivity and induced polarization surveys to an unexplored area and drill a fence directly on this survey. All drill holes on this fence should be processed at 2.5-foot intervals. Once all the data is collected the theory can be proved or disproved.

With the amount of drilling and shafting on Shovel Creek during the 2018 and 2019 programs it has been determined that Shovel Creek is economically viable to establish a placer mine. Due to the two-zone depositional structure of the creek, the pay zone is determined to be extremely large and only stripping of the permafrost is required prior to beginning a placer mine.

11.0 Statement of Expenditures

2019 Placer RAB Drilling: 197 Drill Holes

GroundTruth Exploration Inc. & GroundTruth Drilling Inc. **\$321,700.00**

2019 Shafting Program

GroundTruth Exploration Inc. **\$85,300.00**

2019 Fixed Wing Support

Great River Aviation **\$18,802.50**

2019 Helicopter:

Trans North Helicopters **\$91,842.75**

Total Expenditures: \$517,645.25

12.0 Statement of Qualification

I, Allison Feduk with a business address in Dawson City, Yukon, and residential address in Carlyle, Saskatchewan, do hereby certify that:

1. I graduated from the University of Regina in the fall of 2011 with a Bachelor of Science in Geology.
2. From 2012 to present I have been actively engaged in mining and mineral exploration in Alberta and the Yukon Territory.
3. I have been an employee of GroundTruth Exploration Inc. since July of 2018.
4. I am not aware of any material fact or material change with respect to the subject matter of this report, the omission to disclose which makes this report misleading.

Dated this 19th day of March, 2020

Respectfully submitted,



Allison Feduk

13.0 References

Regional Geology: Colpron, M., Israel, S., Murphy, D.C., Pigage, L.C., and Moynihan, D., 2016. Yukon Bedrock Geology Map. Yukon Geological Survey, Open File 2016-1.

Regional Geology: Yukon Mining Map Viewer, Mining Claims Database –
<http://mapservices.gov.yk.ca/Mining/Load.htm>

Mineral Titles: Yukon Mining Recorder, Mining Claims Database –
www.yukonminingrecorder.ca

Topographic data: Natural Resources Canada, The Atlas of Canada - Toporama-
<http://atlas.gc.ca/toporama/en/index.html>

Colpron, M., Nelson, J. L., and Murphy, D. C., 2006. A tectonostratigraphic framework for the pericratonic terranes of the Northern Cordillera: Canadian and Alaskan Cordillera: Geological Association of Canada, p. 1 – 23.

Mortensen, J.K. and Allan, M.M., 2012. Summary of the Tectonic and Magmatic Evolution of Western Yukon and Eastern Alaska. In Yukon Gold Project Final Technical Report, Edited by Allan, M.M., Hart, C.J.R., and Mortensen, J.K. Mineral Deposit Research Unit, University of British Columbia, p. 7 – 10.

Mortensen, J. K., and Hart, C. J. R., 2010. Late and Post-Accretionary Magmatism and Metallogeny in the Northern Cordillera, Yukon and Eastern Alaska. Geological Society of America Annual Meeting, Denver, 31 October to 3 November 2010.

Nelson, J., Colpron, M., and Israel, S., 2013. The Cordillera of British Columbia, Yukon and Alaska: tectonics and metallogeny. In: Colpron, M., Bissig, T., Rusk, B., and Thompson, J.F.H., (Editors), Tectonics, Metallogeny, and Discovery - the North American Cordillera and similar accretionary settings. Society of Economic Geologists, Special Publication 17: 53-109.

Roots, C., Nelson, J., Mihalynuk, M. G., Harms, T. A., De Keijzer, M., and Simard, R. L., 2004. Bedrock Geology of Dorsey Lake, Yukon Territory. Yukon Geological Survey, Geological Survey of Canada, Open File 4630.

Ryan, J. J., Zagorevski, A., Williams, S. P., Roots, C., Ciolkiewicz, W., Hayward, N., and Chapman, J. B., 2013. Geology of Stevenson Ridge (northeastern part), Yukon; Geological Survey of Canada, Canadian Geoscience Map 116 and 117.

Additional review of various published scientific and reporting papers on the geology and mineral deposits of the region for indirect reference.

Appendix A: Drill Results

Hole ID	x	y	TD_ft	BR_ft	TD_m	BR_m	Au_mg	Date
SHP19-Test	581944	6961810	20	12	6.096	3.6576	3	2019-06-05
SHP19-01	581976	6961753	15	12	4.572	3.6576	2	2019-06-06
SHP19-02	581967	6961775	15	13	4.572	3.9624	3	2019-06-06
SHP19-03	581959	6961789	20	16	6.096	4.8768	11	2019-06-06
SHP19-04	581962	6961825	15	12.5	4.572	3.81	2	2019-06-06
SHP19-05	581990	6961851	15	13	4.572	3.9624	3	2019-06-07
SHP19-06	582010	6961865	25	21	7.62	6.4008	6	2019-06-07
SHP19-07	581960	6961883	20	16	6.096	4.8768	3	2019-06-07
SHP19-08	581943	6961869	15	12	4.572	3.6576	3	2019-06-07
SHP19-09	581766	6961960	15	6	4.572	1.8288	2	2019-06-08
SHP19-10	581746	6961988	10	7.5	3.048	2.286	53	2019-06-08
SHP19-11	581733	6961983	10	7.5	3.048	2.286	8	2019-06-08
SHP19-12	581720	6961969	10	8	3.048	2.4384	3	2019-06-08
SHP19-13	581710	6961969	10	8	3.048	2.4384	4	2019-06-08
SHP19-14	581414	6962548	10	8	3.048	2.4384	30	2019-06-10
SHP19-15	581427	6962546	15	14	4.572	4.2672	8	2019-06-10
SHP19-16	581435	6962557	15	12	4.572	3.6576	1	2019-06-10
SHP19-17	581420	6962606	15	11	4.572	3.3528	11	2019-06-10
SHP19-18	581428	6962604	15	9	4.572	2.7432	9	2019-06-10
SHP19-19	581420	6962634	15	11	4.572	3.3528	6	2019-06-11
SHP19-20	581415	6962632	15	11	4.572	3.3528	3	2019-06-11
SHP19-21	581403	6962636	15	8	4.572	2.4384	4	2019-06-11
SHP19-22	581432	6962638	15	9	4.572	2.7432	3	2019-06-11
SHP19-23	581423	6962699	15	13	4.572	3.9624	2	2019-06-12
SHP19-24	581413	6962696	15	13	4.572	3.9624	6	2019-06-12
SHP19-25	581404	6962697	15	11	4.572	3.3528	1	2019-06-12
SHP19-26	581394	6962695	15	12.5	4.572	3.81	9	2019-06-12
SHP19-27	581381	6962701	15	11	4.572	3.3528	1	2019-06-13
SHP19-28	581356	6962781	15	13	4.572	3.9624	1	2019-06-13
SHP19-29	581369	6962782	15	12	4.572	3.6576	2	2019-06-13
SHP19-30	581374	6962782	15	11	4.572	3.3528	6	2019-06-14
SHP19-31	581383	6962777	15	11	4.572	3.3528	10	2019-06-14
SHP19-32	581399	6962792	15	11	4.572	3.3528	2	2019-06-14
SHP19-33	581389	6962868	15	14	4.572	4.2672	8	2019-06-14
SHP19-34	581381	6962864	15	9.5	4.572	2.8956	7	2019-06-15
SHP19-35	581374	6962862	15	9	4.572	2.7432	1	2019-06-15
SHP19-36	581370	6962983	15	11	4.572	3.3528	3	2019-06-15
SHP19-37	581361	6962990	15	7.5	4.572	2.286	0	2019-06-16
SHP19-38	581391	6963060	10	8	3.048	2.4384	0	2019-06-16
SHP19-39	581374	6963062	10	8.5	3.048	2.5908	0	2019-06-16
SHP19-40	581358	6963071	15	11	4.572	3.3528	11	2019-06-16
SHP19-41	581416	6963370	15	13	4.572	3.9624	3	2019-08-05
SHP19-42	581408	6963372	15	13	4.572	3.9624	1	2019-08-05

Hole ID	x	y	TD_ft	BR_ft	TD_m	BR_m	Au_mg	Date
SHP19-43	581399	6963378	15	12	4.572	3.6576	5	2019-08-05
SHP19-44	581397	6963371	15	12.5	4.572	3.81	4	2019-08-06
SHP19-45	581422	6963660	15	10	4.572	3.048	8	2019-08-06
SHP19-46	581438	6963659	15	8	4.572	2.4384	8	2019-08-06
SHP19-47	581447	6963660	15	9	4.572	2.7432	3	2019-08-06
SHP19-48	581456	6963667	15	8	4.572	2.4384	0	2019-08-07
SHP19-49	581436	6963971	20	9.5	6.096	2.8956	2	2019-08-07
SHP19-50	581443	6963971	15	10	4.572	3.048	16	2019-08-07
SHP19-51	581455	6963967	15	9.5	4.572	2.8956	3	2019-08-07
SHP19-52	581461	6963964	15	9.5	4.572	2.8956	7	2019-08-08
SHP19-53	581471	6963966	15	10.5	4.572	3.2004	0	2019-08-08
SHP19-54	581487	6964272	15	8	4.572	2.4384	9	2019-08-09
SHP19-55	581476	6964274	15	9	4.572	2.7432	0	2019-08-09
SHP19-56	581466	6964280	10	8	3.048	2.4384	3	2019-08-09
SHP19-57	581457	6964279	10	9	3.048	2.7432	0	2019-08-09
SHP19-58	581485	6964458	15	11	4.572	3.3528	0	2019-08-10
SHP19-59	581474	6964457	15	11.5	4.572	3.5052	1	2019-08-10
SHP19-60	581467	6964455	10	8	3.048	2.4384	1	2019-08-10
SHP19-61	581458	6964447	10	8	3.048	2.4384	2	2019-08-10
SHP19-62	581450	6964442	15	12	4.572	3.6576	4	2019-08-10
SHP19-63	581482	6964421	15	12	4.572	3.6576	0	2019-08-10
SHP19-64	581483	6964401	10	8	3.048	2.4384	3	2019-08-11
SHP19-65	581519	6964421	10	9	3.048	2.7432	4	2019-08-11
SHP19-66	581322	6964616	15	12	4.572	3.6576	0	2019-08-11
SHP19-67	581330	6964615	10	8	3.048	2.4384	5	2019-08-11
SHP19-68	581335	6964621	15	8.5	4.572	2.5908	8	2019-08-11
SHP19-69	581340	6964626	10	8.5	3.048	2.5908	6	2019-08-12
SHP19-70	581345	6.96E+08	15	9	4.572	2.7432	3	2019-08-12
SHP19-71	581351	6964636	15	9	4.572	2.7432	1	2019-08-12
SHP19-72	581294	6964659	10	7.5	3.048	2.286	3	2019-08-12
SHP19-73	581299	6964662	10	8.5	3.048	2.5908	0	2019-08-12
SHP19-74	581303	6964668	15	9	4.572	2.7432	4	2019-08-12
SHP19-75	581308	6964672	15	9	4.572	2.7432	6	2019-08-13
SHP19-76	581312	6964679	15	8.5	4.572	2.5908	0	2019-08-13
SHP19-77	581326	6964640	10	9	3.048	2.7432	3	2019-08-13
SHP19-78	581329	6964644	10	8.5	3.048	2.5908	0	2019-08-13
SHP19-79	581169	6964789	10	8.5	3.048	2.5908	3	2019-08-13
SHP19-80	581176	6964791	10	9	3.048	2.7432	1	2019-08-14
SHP19-81	581183	6964792	15	12	4.572	3.6576	3	2019-08-14
SHP19-82	581191	6964794	20	19	6.096	5.7912	1	2019-08-14
SHP19-83	581201	6964802	20	14	6.096	4.2672	5	2019-08-14
SHP19-84	581207	6964807	20	muck, no BR	6.096	muck, no BR	0	2019-08-14
SHP19-85	581198	6964766	15	11	4.572	3.3528	0	2019-08-14

Hole ID	x	y	TD_ft	BR_ft	TD_m	BR_m	Au_mg	Date
SHP19-86	581024	6964942	10	8.5	3.048	2.5908	9	2019-08-15
SHP19-87	581020	6964950	10	8.5	3.048	2.5908	0	2019-08-15
SHP19-88	581024	6964957	10	8.5	3.048	2.5908	1	2019-08-15
SHP19-89	581030	6964959	15	11	4.572	3.3528	3	2019-08-15
SHP19-90	581036	6964929	10	8	3.048	2.4384	2	2019-08-15
SHP19-91	581038	6964967	15	12	4.572	3.6576	0	2019-08-15
SHP19-92	581046	6964975	25	23	7.62	7.0104	0	2019-08-17
SHP19-93	580891	6965098	10	8.5	3.048	2.5908	3	2019-08-17
SHP19-94	580896	6965103	15	11	4.572	3.3528	27	2019-08-17
SHP19-95	580900	6965111	15	13	4.572	3.9624	25	2019-08-17
SHP19-96	580908	6965114	20	15	6.096	4.572	0	2019-08-18
SHP19-97	580911	6965122	20	16.5	6.096	5.0292	0	2019-08-18
SHP19-98	580907	6965091	15	12.5	4.572	3.81	0	2019-08-18
SHP19-99	580866	6965127	10	8	3.048	2.4384	2	2019-08-18
SHP19-100	580872	6965128	10	8	3.048	2.4384	12	2019-08-19
SHP19-101	580876	6965136	10	6.5	3.048	1.9812	20	2019-08-19
SHP19-102	580872	6965143	10	7	3.048	2.1336	3	2019-08-19
SHP19-103	580856	6965142	15	10	4.572	3.048	4	2019-08-19
SHP19-104	580842	6965158	10	7.5	3.048	2.286	13	2019-08-19
SHP19-105	580828	6965163	10	9	3.048	2.7432	2	2019-08-20
SHP19-106	580828	6965167	10	9	3.048	2.7432	2	2019-08-20
SHP19-107	580834	6965175	10	8.5	3.048	2.5908	4	2019-08-20
SHP19-108	580838	6965190	20	15	6.096	4.572	6	2019-08-20
SHP19-109	580735	6965263	10	7	3.048	2.1336	0	2019-08-20
SHP19-110	580739	6965267	10	6	3.048	1.8288	0	2019-08-20
SHP19-111	580742	6965280	15	12	4.572	3.6576	0	2019-08-21
SHP19-112	580747	6965287	20	16	6.096	4.8768	0	2019-08-21
SHP19-113	580752	6965295	20	19	6.096	5.7912	0	2019-08-21
SHP19-114	580615	6965409	10	8	3.048	2.4384	21	2019-08-21
SHP19-115	580621	6965414	10	7.5	3.048	2.286	7	2019-08-21
SHP19-116	580624	6965415	10	9.5	3.048	2.8956	0	2019-08-22
SHP19-117	580628	6965419	15	12.5	4.572	3.81	0	2019-08-22
SHP19-118	580634	6965427	15	14	4.572	4.2672	0	2019-08-22
SHP19-119	580613	6965430	10	8	3.048	2.4384	1	2019-08-22
SHP19-120	581320	6962236	10	9	3.048	2.7432	4	2019-09-04
SHP19-121	581318	6962245	15	9	4.572	2.7432	17	2019-09-04
SHP19-122	581318	6962254	10	8.5	3.048	2.5908	27	2019-09-04
SHP19-123	581317	6962259	10	9	3.048	2.7432	38	2019-09-04
SHP19-124	581316	6962271	10	9	3.048	2.7432	10	2019-09-05
SHP19-125	581318	6962281	15	9	4.572	2.7432	63	2019-09-05
SHP19-126	581023	6962183	15	11.5	4.572	3.5052	16	2019-09-06
SHP19-127	581021	6962188	15	11	4.572	3.3528	3	2019-09-06
SHP19-128	581021	6962197	15	9.5	4.572	2.8956	8	2019-09-06
SHP19-129	581021	6962205	10	9	4.572	3.5052	12	2019-09-07
SHP19-130	577736	6964353	15	11.5	4.572	2.7432	3	2019-09-07

Hole ID	x	y	TD_ft	BR_ft	TD_m	BR_m	Au_mg	Date
SHP19-131	577732	6964350	15	9	4.572	3.5052	40	2019-09-07
SHP19-132	577724	6964346	15	7.5	4.572	2.8956	24	2019-09-08
SHP19-133	577716	6964339	15	9.5	4.572	2.8956	20	2019-09-08
SHP19-134	577710	6964328	15	9.5	4.572	2.8956	18	2019-09-08
SHP19-135	577698	6964319	15	9.5	4.572	2.8956	0	2019-09-08
SHP19-136	577742	6964326	15	9.5	4.572	3.6576	25	2019-09-09
SHP19-137	578284	6963635	15	12	4.572	3.3528	2	2019-09-09
SHP19-138	578285	6963643	15	11	4.572	2.4384	45	2019-09-09
SHP19-139	578287	6963650	15	8	4.572	3.5052	16	2019-09-09
SHP19-140	578292	6963657	15	11.5	6.096	2.286	276	2019-09-09
SHP19-141	578293	6963665	20	7.5	4.572	3.81	4	2019-09-09
SHP19-142	578293	6963673	15	12.5	4.572	3.5052	31	2019-09-09
SHP19-143	578296	6963651	15	11.5	4.572	3.2004	125	2019-09-10
SHP19-144	579066	6963029	15	10.5	4.572	2.286	35	2019-09-10
SHP19-145	579064	6963024	15	7.5	3.048	2.4384	5	2019-09-10
SHP19-146	579065	6963014	10	8	4.572	2.7432	0	2019-09-10
SHP19-147	579081	6962996	15	9	4.572	2.286	0	2019-09-10
SHP19-148	579085	6962999	15	7.5	4.572	2.7432	18	2019-09-11
SHP19-149	580677	6962180	15	9	4.572	3.3528	12	2019-09-11
SHP19-150	580680	6962187	15	11	4.572	2.8956	6	2019-09-11
SHP19-151	580676	6962194	15	9.5	6.096	3.048	16	2019-09-11
SHP19-152	580681	6962201	20	10	3.048	2.4384	1	2019-09-12
SHP19-153	580696	6962187	10	8	4.572	2.7432	0	2019-09-12
SHP19-154	580600	6962214	15	9	3.048	2.5908	4	2019-09-12
SHP19-155	580598	6962208	10	8.5	3.048	2.4384	0	2019-09-12
SHP19-156	580596	6962200	10	8	4.572	3.5052	46	2019-09-12
SHP19-157	580595	6962195	15	11.5	3.048	2.7432	2	2019-09-12
SHP19-158	580621	6962195	10	9	4.572	3.3528	0	2019-09-13
SHP19-159	580491	6962233	15	11	3.048	2.7432	2	2019-09-13
SHP19-160	580493	6962238	10	9	3.048	2.5908	1	2019-09-13
SHP19-161	580494	6962248	10	8.5	4.572	3.048	69	2019-09-13
SHP19-162	580495	6262257	15	10	4.572	3.81	3	2019-09-13
SHP19-163	580497	6962265	15	12.5	4.572	2.7432	6	2019-09-13
SHP19-164	580515	6962242	15	9	4.572	2.5908	35	2019-09-14
SHP19-165	580251	6962299	15	8.5	4.572	3.3528	29	2019-09-14
SHP19-166	580252	6962309	15	11	4.572	3.6576	7	2019-09-14
SHP19-167	580250	6962311	15	12	4.572	2.5908	5	2019-09-14
SHP19-168	580271	6962300	15	8.5	4.572	3.3528	31	2019-09-14

Hole ID	x	y	TD_ft	BR_ft	TD_m	BR_m	Au_mg	Date
SHP19-169	580045	6962370	15	11.5	4.572	3.5052	10	2019-09-15
SHP19-170	580049	6962376	15	10	4.572	3.048	9	2019-09-15
SHP19-171	580050	6962386	15	10.5	4.572	3.2004	4	2019-09-15
SHP19-172	580055	6962392	10	8	3.048	2.4384	3	2019-09-15
SHP19-173	580054	6962398	10	9	3.048	2.7432	5	2019-09-16
SHP19-174	580033	6962393	15	8.5	4.572	2.5908	27	2019-09-16
SHP19-175	579771	6962497	10	9	3.048	2.7432	42	2019-09-16
SHP19-176	579763	6962491	15	8.5	4.572	2.5908	39	2019-09-16
SHP19-177	579758	6962484	15	8	4.572	2.4384	20	2019-09-16
SHP19-178	579752	6962466	10	6.5	3.048	1.9812	9	2019-09-17
SHP19-179	579603	6962591	10	7.5	3.048	2.286	9	2019-09-17
SHP19-180	579600	6962579	10	8	3.048	2.4384	35	2019-09-17
SHP19-181	579598	6962577	15	8.5	4.572	2.5908	4	2019-09-17
SHP19-182	579596	6962571	15	9	4.572	2.7432	8	2019-09-17
SHP19-183	579594	6962563	15	11	4.572	3.3528	18	2019-09-17
SHP19-184	579583	6962585	15	12	4.572	3.6576	35	2019-09-18
SHP19-185	579395	6962705	15	9	4.572	2.7432	43	2019-09-18
SHP19-186	579390	6962701	10	8	3.048	2.4384	14	2019-09-18
SHP19-187	579385	6962695	10	8.5	3.048	2.5908	2	2019-09-18
SHP19-188	579385	6962690	10	9	3.048	2.7432	7	2019-09-19
SHP19-189	581378	6962306	10	8	3.048	2.4384	4	2019-09-19
SHP19-190	581378	6962297	15	12	4.572	3.6576	24	2019-09-19
SHP19-191	581382	6962289	15	9	4.572	2.7432	0	2019-09-20
SHP19-192	581380	6962278	10	8.5	3.048	2.5908	8	2019-09-20
SHP19-193	581384	6962270	15	8.5	4.572	2.5908	11	2019-09-20
SHP19-194	581386	6962260	10	8.5	3.048	2.5908	42	2019-09-20
SHP19-195	581385	6962249	10	7	3.048	2.1336	89	2019-09-20
SHP19-196	581451	6962240	15	10	4.572	3.048	3	2019-09-20

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-Test	0	5	0	1.524	muck, 10% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	3
	10	12.5	3.048	3.81	gravel	brown/grey	
	12.5	15	3.81	4.572	bedrock	dk grey	
	15	17.5	4.572	5.334	bedrock	grey	
	17.5	20	5.334	6.096	bedrock	grey	
SHP19-01	0	5	0	1.524	muck, 10% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, boulders	brown/grey	
	7.5	10	2.286	3.048	gravel, boulders	brown/grey	
	10	12	3.048	3.6576	gravel	brown/grey	
	12	15	3.6576	4.572	bedrock	dk grey	2
SHP19-02	0	5	0	1.524	permafrost, muck, 10% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, muck, 60% gravel	dk brown/brown/grey	
	7.5	10	2.286	3.048	gravel, boulders	brown/grey	
	10	13	3.048	3.9624	gravel, boulders	brown/grey	
	13	15	3.9624	4.572	bedrock	grey	3
SHP19-03	0	5	0	1.524	permafrost, muck	dk brown	
	5	7.5	1.524	2.286	permafrost, muck, 20% gravel	dk brown	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	12.5	3.048	3.81	gravel	brown/grey	
	12.5	15	3.81	4.572	gravel	brown/grey	
	15	16	4.572	4.8768	weathered bedrock	lt brown, grey	
	16	20	4.8768	6.096	bedrock	dk grey	11
SHP19-04	0	5	0	1.524	muck, boulders, 10% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, boulders	brown/grey	
	7.5	10	2.286	3.048	gravel, boulders	brown/grey	
	10	12.5	3.048	3.81	gravel	brown/grey	
	12.5	15	3.81	4.572	weathered bedrock	lt brown, grey	2
SHP19-05	0	5	0	1.524	muck	dk brown	
	5	7.5	1.524	2.286	muck, 70% gravel, boulder	dk brown, grey	
	7.5	10	2.286	3.048	gravel, boulders	brown/grey	
	10	13	3.048	3.9624	gravel, weathered	brown/grey	
	13	15	3.9624	4.572	weathered bedrock	lt brown, grey	3
SHP19-06	0	5	0	1.524	muck	dk brown	
	5	7.5	1.524	2.286	muck, 20% sand	dk brown	
	7.5	10	2.286	3.048	muck, 30% gravel	dk brown	
	10	12.5	3.048	3.81	muck, 40% gravel	dk brown	
	12.5	15	3.81	4.572	muck, 40% gravel, 20% sand	dk brown, grey	
	15	17.5	4.572	5.334	muck, 60% gravel	dk brown, brown/grey	
	17.5	21	5.334	6.4008	gravel	brown/grey	
	21	25	6.4008	7.62	Bedrock	dk grey/brown	6

Appendix A

Downhole Data

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-07	0	5	0	1.524	muck	dk brown	
	5	7.5	1.524	2.286	muck, 10% gravel	dk brown	
	7.5	10	2.286	3.048	muck, 40% gravel	dk brown, grey	
	10	12.5	3.048	3.81	80% gravel, 20% sand, wet	brown/grey	
	12.5	16	3.81	4.8768	gravel	brown/grey	
	16	20	4.8768	6.096	Bedrock	Lt Brown/grey	3
SHP19-08	0	5	0	1.524	muck	dk brown	
	5	7.5	1.524	2.286	gravel, boulder	brown/grey	
	7.5	10	2.286	3.048	boulder, gravel	brown/grey	
	10	12	3.048	3.6576	gravel	brown/grey	
	12	15	3.6576	4.572	Bedrock	lt brown, grey	3
SHP19-09	0	5	0	1.524	gravel, boulders	brown/grey	
	5	6	1.524	1.8288	gravel	brown/grey	
	6	7.5	1.8288	2.286	weathered bedrock	brown	
	7.5	10	2.286	3.048	weathered bedrock	brown	
	10	12.5	3.048	3.81	weathered bedrock	brown	
	12.5	15	3.81	4.572	weathered bedrock	brown	2
SHP19-10	0	5	0	1.524	muck, 80% gravel	dk brown, grey	
	5	7.5	1.524	2.286	gravel, boulders	grey	
	7.5	10	2.286	3.048	weathered bedrock	brown	53
SHP19-11	0	5	0	1.524	gravel, boulder	grey	
	5	7.5	1.524	2.286	gravel	grey	
	7.5	10	2.286	3.048	weathered bedrock	brown	8
SHP19-12	0	5	0	1.524	muck, 90% gravel	dk brown, grey	
	5	7.5	1.524	2.286	gravel	grey	
	7.5	8	2.286	2.4384	gravel	grey	
	8	10	2.4384	3.048	weathered bedrock	brown	3
SHP19-13	0	5	0	1.524	gravel, boulders	grey	
	5	7.5	1.524	2.286	gravel	grey	
	7.5	8	2.286	2.4384	gravel	grey	
	8	10	2.4384	3.048	weathered bedrock	brown	4
SHP19-14	0	5	0	1.524	gravel, boulder	brown/grey	
	5	7.5	1.524	2.286	gravel, boulder	brown/grey	
	7.5	8	2.286	2.4384	gravel	brown/grey	
	8	10	2.4384	3.048	Bedrock	grey	30
SHP19-15	0	5	0	1.524	Muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, boulder, 5% clay	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	12.5	3.048	3.81	gravel	brown/grey	
	12.5	14	3.81	4.2672	gravel	brown/grey	
	14	15	4.2672	4.572	Bedrock	grey	8

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-16	0	5	0	1.524	Muck	dk brown	
	5	7.5	1.524	2.286	Muck, 10% clay	dk/lt brown	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	12	3.048	3.6576	gravel	brown/grey	
	12	15	3.6576	4.572	Bedrock	grey	1
SHP19-17	0	5	0	1.524	muck, 90% gravel	dk brown, grey	
	5	7.5	1.524	2.286	5% muck, gravel	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	11	3.048	3.3528	gravel	brown/grey	
	11	15	3.3528	4.572	Bedrock	grey	11
SHP19-18	0	5	0	1.524	Muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, slab rock	brown/grey	
	7.5	10	2.286	3.048	gravel, slab rock	brown/grey	
	10	12.5	3.048	3.81	Decomposed Bedrock	brown	
	12.5	15	3.81	4.572	Bedrock	grey	9
SHP19-19	0	5	0	1.524	40% muck, gravel	dk brown/grey	
	5	7.5	1.524	2.286	5% muck, gravel, boulder	dk brown/grey	
	7.5	10	2.286	3.048	gravel, boulder	brown/grey	
	10	11	3.048	3.3528	gravel	brown/grey	
	11	15	3.3528	4.572	Bedrock	grey	6
SHP19-20	0	5	0	1.524	10% muck, gravel	dk brown/grey	
	5	7.5	1.524	2.286	5% muck, gravel	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	11	3.048	3.3528	gravel	brown/grey	
	11	15	3.3528	4.572	Decomposed Bedrock	grey	3
SHP19-21	0	5	0	1.524	gravel, boulder	brown/grey	
	5	7.5	1.524	2.286	gravel	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	12.5	3.048	3.81	Decomposed Bedrock	grey	
	12.5	15	3.81	4.572	Decomposed Bedrock	grey	4
SHP19-22	0	5	0	1.524	Muck, 5% gravel	dk brown, grey	
	5	7.5	1.524	2.286	gravel	brown/grey	
	7.5	9	2.286	2.7432	gravel	brown/grey	
	9	12.5	2.7432	3.81	Decomposed bedrock	brown, grey	
	12.5	15	3.81	4.572	bedrock	grey	3
SHP19-23	0	5	0	1.524	muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, wet	brown/grey	
	7.5	10	2.286	3.048	gravel, wet	brown/grey	
	10	13	3.048	3.9624	gravel, wet	brown/grey	
	13	15	3.9624	4.572	Decomposed Bedrock?, wet	brown/grey	2

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-24	0	5	0	1.524	muck, 10% gravel	dk brown, grey	
	5	7.5	1.524	2.286	gravel	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	13	3.048	3.9624	gravel, wet	brown/grey	
	13	15	3.9624	4.572	Bedrock?, wet	grey	6
SHP19-25	0	5	0	1.524	gravel, boulder	brown/grey	
	5	7.5	1.524	2.286	gravel	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	11	3.048	3.3528	gravel	brown/grey	
	11	15	3.3528	4.572	decomposed Bedrock	brown/grey	1
SHP19-26	0	5	0	1.524	60% muck, gravel	dk brown, grey	
	5	7.5	1.524	2.286	30% muck, gravel	dk brown, grey	
	7.5	10	2.286	3.048	gravel, wet	brown/grey	
	10	12.5	3.048	3.81	gravel, wet	brown/grey	
	12.5	15	3.81	4.572	bedrock	grey	9
SHP19-27	0	5	0	1.524	muck	dk brown	
	5	7.5	1.524	2.286	30% muck, gravel	dk brown, grey	
	7.5	10	2.286	3.048	40% clay, gravel	brown, grey	
	10	11	3.048	3.3528	gravel	brown, grey	
	11	15	3.3528	4.572	bedrock	grey	1
SHP19-28	0	5	0	1.524	wood chips, muck	dk brown, lt brown	
	5	7.5	1.524	2.286	10% muck, gravel	dk brown, grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	13	3.048	3.9624	gravel, wet	brown/grey	
	13	15	3.9624	4.572	bedrock???, wet	grey	1
SHP19-29	0	5	0	1.524	95% muck, gravel	dk brown	
	5	7.5	1.524	2.286	10% muck, gravel	dk brown, grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	12	3.048	3.6576	gravel	brown/grey	
	12	15	3.6576	4.572	decomposed bedrock	brown/grey	2
SHP19-30	0	5	0	1.524	muck, 20% gravel	brown/grey	
	5	7.5	1.524	2.286	gravel, wet	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	11	3.048	3.3528	gravel	brown/grey	
	11	15	3.3528	4.572	bedrock, decomposed	grey	6
SHP19-31	0	5	0	1.524	muck, 40% gravel	brown/grey	
	5	7.5	1.524	2.286	bedrock ???, boulder	grey	
	7.5	10	2.286	3.048	bedrock, boulder	grey	
	10	11	3.048	3.3528	bedrock, boulder	grey	
	11	15	3.3528	4.572	bedrock??	grey	10

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-32	0	5	0	1.524	muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	muck, 70% gravel	dk brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	11	3.048	3.3528	gravel	brown/grey	
	11	15	3.3528	4.572	bedrock	grey	2
SHP19-33	0	5	0	1.524	muck (poor recovery)	dk brown	
	5	7.5	1.524	2.286	muck, 95% gravel	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	12.5	3.048	3.81	gravel clayey	brown/grey	
	12.5	14	3.81	4.2672	gravel clayey	brown/grey	
	14	15	4.2672	4.572	Bedrock ??	grey	8
SHP19-34	0	5	0	1.524	muck, 20% gravel	dk brown	
	5	7.5	1.524	2.286	muck, 70% gravel	dk brown/grey	
	7.5	9.5	2.286	2.8956	gravel, boulder	brown/grey	
	9.5	12.5	2.8956	3.81	Bedrock, decomposed	grey	
	12.5	15	3.81	4.572	Bedrock, decomposed	grey	7
SHP19-35	0	5	0	1.524	muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	muck, 80% gravel	dk brown/grey	
	7.5	9	2.286	2.7432	gravel	brown/grey	
	9	12.5	2.7432	3.81	Bedrock??	grey	
	12.5	15	3.81	4.572	Bedrock??	grey	1
SHP19-36	0	5	0	1.524	gravel	brown/grey	
	5	7.5	1.524	2.286	gravel	brown/grey	
	7.5	10	2.286	3.048	gravel	brown/grey	
	10	14	3.048	4.2672	gravel	brown/grey	
	14	15	4.2672	4.572	Bedrock	grey	3
SHP19-37	0	5	0	1.524	muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown/grey	
	7.5	10	2.286	3.048	Bedrock	grey	
	10	12.5	3.048	3.81	bedrock, decomposed	brown/grey	
	12.5	15	3.81	4.572	bedrock, decomposed	brown/grey	0
SHP19-38	0	5	0	1.524	muck, 75% gravel	dk brown/grey	
	5	8	1.524	2.4384	gravel	brown/grey	
	8	10	2.4384	3.048	bedrock???	brown/grey	0
SHP19-39	0	5	0	1.524	muck, 90% gravel/boulder	brown/grey	
	5	8.5	1.524	2.5908	gravel	brown/grey	
	8.5	10	2.5908	3.048	bedrock???	grey	0
SHP19-40	0	5	0	1.524	permafrost/muck	dk brown	
	5	7.5	1.524	2.286	muck, 5% gravel	dk brown	
	7.5	10	2.286	3.048	gravel	grey/brown	
	10	11	3.048	3.3528	gravel	grey/brown	
	11	15	3.3528	4.572	bedrock	grey	11

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-41	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	13	3.048	3.9624	gravel	brown	
	13	15	3.9624	4.572	bedrock	grey	3
SHP19-42	0	5	0	1.524	gravel, boulder	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	13	3.048	3.9624	gravel	brown	
	13	15	3.9624	4.572	bedrock	grey	1
SHP19-43	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12	3.048	3.6576	gravel	brown	
	12	15	3.6576	4.572	bedrock	grey	5
SHP19-44	0	5	0	1.524	gravel, boulder	brown	
	5	7.5	1.524	2.286	gravel, boulder	brown	
	7.5	10	2.286	3.048	gravel, boulder	brown	
	10	12.5	3.048	3.81	gravel, boulder	brown	
	12.5	15	3.81	4.572	bedrock	grey	4
SHP19-45	0	5	0	1.524	gravel, 20% clay, boulder	lt brown, brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel, 20% sand	brown	
	10	12.5	3.048	3.81	bedrock	grey	8
	12.5	15	3.81	4.572	bedrock	grey	
SHP19-46	0	5	0	1.524	gravel, wet	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12.5	3.048	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	8
SHP19-47	0	5	0	1.524	muck, 80% gravel	dk brown, grey	
	5	8	1.524	2.4384	gravel	grey	
	8	10	2.4384	3.048	bedrock	grey	
	10	12.5	3.048	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	3
SHP19-48	0	5	0	1.524	muck, 80% gravel, wet	dk brown, brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock	grey	
	10	12.5	3.048	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	0

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-49	0	5	0	1.524	permafrost, 30% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9.5	2.286	2.8956	gravel, boulder	brown	
	9.5	12.5	2.8956	3.81	bedrock	grey	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	
	15	17.5	4.572	5.334	decomposed bedrock	lt brown	
	17.5	20	5.334	6.096	decomposed bedrock	lt brown	2
SHP19-50	0	5	0	1.524	muck, 20% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, boulder	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12.5	3.048	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	16
SHP19-51	0	5	0	1.524	muck, 20% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9.5	2.286	2.8956	gravel	brown	
	9.5	12.5	2.8956	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	3
SHP19-52	0	5	0	1.524	permafrost, 20% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9.5	2.286	2.8956	gravel, 20% sand	lt brown	
	9.5	12.5	2.8956	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	7
SHP19-53	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 10% gravel	dk brown	
	7.5	10.5	2.286	3.2004	gravel	brown	
	10.5	12.5	3.2004	3.81	bedrock	grey	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	0
SHP19-54	0	5	0	1.524	muck, 20% sand, 10% gravel	dk brown, lt brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock	grey	
	10	12.5	3.048	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	9
SHP19-55	0	5	0	1.524	sand, 80% gravel	lt brown	
	5	7.5	1.524	2.286	gravel, boulder	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	0
SHP19-56	0	5	0	1.524	muck, 80% gravel	brown, dk brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock?	grey	3

Appendix A

Downhole Data

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-57	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	9	1.524	2.7432	gravel	brown	
	9	10	2.7432	3.048	bedrock?	brown, grey	
SHP19-58	0	5	0	1.524	permafrost, sandy	dk brown	0
	5	7.5	1.524	2.286	permafrost, sandy	dk brown	
	7.5	11	2.286	3.3528	gravel	brown	
	11	12.5	3.3528	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	0
SHP19-59	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	permafrost, 10% gravel	dk brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	11.5	3.048	3.5052	gravel	brown	
	11.5	15	3.5052	4.572	bedrock	grey	1
SHP19-60	0	5	0	1.524	permafrost, 10% gravel	dk brown	
	5	8	1.524	2.4384	gravel, 5% permafrost	brown	
	8	10	2.4384	3.048	decomposed bedrock	lt brown	1
SHP19-61	0	5	0	1.524	gravel	brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock	grey	2
SHP19-62	0	5	0	1.524	gravel, 15% sand	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12	3.048	3.6576	gravel	brown	
	12	15	3.6576	4.572	bedrock	grey	4
SHP19-63	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12	3.048	3.6576	gravel	brown	
	12	15	3.6576	4.572	bedrock	grey	0
SHP19-64	0	5	0	1.524	gravel	brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock	grey	3
SHP19-65	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	4
SHP19-66	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	10	2.286	3.048	gravel, poor recovery	brown	
	10	12	3.048	3.6576	gravel	brown	
	12	15	3.6576	4.572	bedrock	grey	0

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-67	0	5	0	1.524	gravel	brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock	grey	5
SHP19-68	0	5	0	1.524	permafrost, 10% gravel	dk brown	
	5	8.5	1.524	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	decomposed bedrock	lt brown	
	10	12.5	3.048	3.81	decomposed bedrock	lt brown	
SHP19-69	12.5	15	3.81	4.572	decomposed bedrock	lt brown	8
	0	5	0	1.524	80% sand, 5% gravel, muck	lt brown	
	5	8.5	1.524	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	bedrock	grey	6
SHP19-70	0	5	0	1.524	gravel, 5% permafrost	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	decomposed bedrock	lt brown	
SHP19-71	12.5	15	3.81	4.572	decomposed bedrock	lt brown	3
	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	permafrost, 80% gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
SHP19-72	9	12.5	2.7432	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	1
	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
SHP19-73	7.5	10	2.286	3.048	decomposed bedrock	lt brown	3
	0	5	0	1.524	gravel	brown	
	5	8.5	1.524	2.5908	gravel	brown	
SHP19-74	8.5	10	2.5908	3.048	bedrock	grey	0
	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel, boulder	brown	
	7.5	9	2.286	2.7432	gravel	brown	
SHP19-75	9	12.5	2.7432	3.81	bedrock	grey	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	4
	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	permafrost, 40% gravel, boulder	dk brown	
SHP19-76	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	6
	0	5	0	1.524	permafrost, 5% gravel	dk brown	
SHP19-77	5	7.5	1.524	2.286	40% muck, gravel	dk brown	
	7.5	8.5	2.286	2.5908	gravel	brown	
	8.5	12.5	2.5908	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	0

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-77	0	5	0	1.524	permafrost, 80% gravel	dk brown, brown	
	5	7.5	1.524	2.286	gravel, boulder	brown/grey	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	bedrock	grey	3
SHP19-78	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	8.5	2.286	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	decomposed bedrock	lt brown	0
SHP19-79	0	5	0	1.524	permafrost, poor recovery	dk brown	
	5	7.5	1.524	2.286	gravel, wet	brown	
	7.5	8.5	2.286	2.5908	gravel, wet	brown	
	8.5	10	2.5908	3.048	bedrock, wet	grey	
SHP19-80	0	5	0	1.524	muck, 5% gravel	dk brown	3
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	bedrock	grey	1
SHP19-81	0	5	0	1.524	muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12	3.048	3.6576	gravel, wet	brown	
	12	15	3.6576	4.572	decomposed bedrock	lt brown	3
SHP19-82	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	permafrost, 70% gravel	dk brown/brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12.5	3.048	3.81	gravel	brown	
	12.5	15	3.81	4.572	gravel	brown	
	15	17.5	4.572	5.334	gravel, wet	brown	
	17.5	19	5.334	5.7912	gravel, wet	brown	
19	20	5.7912	6.096	decomposed bedrock, wet	lt brown	1	
SHP19-83	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 5% gravel	dk brown	
	7.5	10	2.286	3.048	permafrost, 5% gravel	dk brown	
	10	12.5	3.048	3.81	permafrost, 5% gravel	dk brown	
	12.5	15	3.81	4.572	muck, 10% gravel	dk brown	
	15	17.5	4.572	5.334	muck, 80% gravel	dk brown/brown	
	17.5	20	5.334	6.096	gravel/no berock contact	brown	5
SHP19-84	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 5% gravel	dk brown	
	7.5	10	2.286	3.048	permafrost, 5% gravel	dk brown	
	10	12.5	3.048	3.81	permafrost, 5% gravel	dk brown	
	12.5	15	3.81	4.572	muck, 20% gravel	dk brown	
	15	17.5	4.572	5.334	muck, 20% gravel	dk brown	
17.5	20	5.334	6.096	muck, 5% gravel/no bedrock	dk brown	0	

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-85	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	11	3.048	3.3528	gravel, wet	brown	
	11	15	3.3528	4.572	decomposed bedrock	lt brown	0
SHP19-86	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	8.5	2.286	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	decomposed bedrock	lt brown	9
SHP19-87	0	5	0	1.524	muck, 20% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	8.5	2.286	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	decomposed bedrock	lt brown	0
SHP19-88	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 5% gravel	dk brown	
	7.5	8.5	2.286	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	decomposed bedrock	lt brown	1
SHP19-89	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 5% gravel	dk brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	11	3.048	3.3528	gravel	brown	
	11	15	3.3528	4.572	decomposed bedrock	lt brown	3
SHP19-90	0	5	0	1.524	gravel, 30% clay	lt brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	8	2.286	2.4384	gravel	brown	
	8	10	2.4384	3.048	decomposed bedrock	lt brown	2
SHP19-91	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 5% gravel	dk brown	
	7.5	10	2.286	3.048	permafrost, 5% gravel	dk brown	
	10	12	3.048	3.6576	muck, 20% gravel	dk brown	
	12	15	3.6576	4.572	gravel/bedrock?	brown/grey	0
SHP19-92	0	5	0	1.524	80% frozen sand, 5% gravel	lt brown	
	5	7.5	1.524	2.286	80% frozen sand, 5% gravel	lt brown	
	7.5	10	2.286	3.048	permafrost, 5% gravel	dk brown	
	10	12.5	3.048	3.81	permafrost, 5% gravel	dk brown	
	12.5	15	3.81	4.572	permafrost, 5% gravel	dk brown	
	15	17.5	4.572	5.334	permafrost, 5% gravel	dk brown	
	17.5	20	5.334	6.096	permafrost, 10% gravel	dk brown	
	20	22.5	6.096	6.858	muck, 80% gravel	dk brown	0
	22.5	25	6.858	7.62	muck, 80% gravel/no bedrock	brown	

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-93	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	8.5	2.286	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	bedrock	grey	3
SHP19-94	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	11	3.048	3.3528	gravel	brown	
	11	15	3.3528	4.572	bedrock/qtz vein	grey/white	27
SHP19-95	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	permafrost, 5% gravel	dk brown	
	7.5	10	2.286	3.048	95% gravel, muck	brown	
	10	13	3.048	3.9624	gravel, 10% clay	brown	
	13	15	3.9624	4.572	bedrock	grey	25
SHP19-96	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	frozen sand, 10% gravel	lt brown	
	7.5	10	2.286	3.048	frozen sand, 10% gravel	lt brown	
	10	12.5	3.048	3.81	frozen sand, 10% gravel	lt brown	
	12.5	15	3.81	4.572	gravel	brown	
	15	17.5	4.572	5.334	bedrock	grey	
	17.5	20	5.334	6.096	bedrock	grey	0
SHP19-97	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	frozen sand, 5% gravel	lt brown	
	7.5	10	2.286	3.048	frozen sand, 5% gravel	lt brown	
	10	12.5	3.048	3.81	frozen sand, 5% gravel	lt brown	
	12.5	15	3.81	4.572	gravel, 30% clay	brown/grey	
	15	16.5	4.572	5.0292	gravel, 10% clay	brown/grey	
	16.5	20	5.0292	6.096	bedrock	grey	0
SHP19-98	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel, 5% clay	brown	
	7.5	10	2.286	3.048	gravel, 10% clay	brown	
	10	12.5	3.048	3.81	gravel	brown	
	12.5	15	3.81	4.572	bedrock	grey	0
SHP19-99	0	5	0	1.524	gravel	brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock/qtz vein	grey	2
SHP19-100	0	5	0	1.524	sand, gravel 90%	brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	decomposed bedrock	lt brown	12
SHP19-101	0	5	0	1.524	gravel	brown	
	5	6.5	1.524	1.9812	gravel	brown	
	6.5	10	1.9812	3.048	decomposed bedrock	lt brown	20

Appendix A

Downhole Data

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-102	0	5	0	1.524	gravel	brown	
	5	7	1.524	2.1336	gravel, wet	brown	
	7	10	2.1336	3.048	bedrock	grey	3
SHP19-103	0	5	0	1.524	muck, 10% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12.5	3.048	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	4
SHP19-104	0	5	0	1.524	muck, 10% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	decomposed bedrock	lt brown	13
SHP19-105	0	5	0	1.524	muck, 80% sand	lt brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	bedrock	grey	2
SHP19-106	0	5	0	1.524	gravel, boulder	grey/brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	bedrock	grey	2
SHP19-107	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	muck, 80% gravel	dk brown/brown	
	7.5	8.5	2.286	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	bedrock	grey	4
SHP19-108	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 5% gravel	dk brown	
	7.5	10	2.286	3.048	permafrost, 5% gravel	dk brown	
	10	12.5	3.048	3.81	permafrost, 5% gravel	dk brown	
	12.5	15	3.81	4.572	permafrost, 10% gravel	dk brown	
	12.5	17.5	3.81	5.334	bedrock?	brown	
SHP19-109	17.5	20	5.334	6.096	bedrock?	brown	6
	0	5	0	1.524	clay, 20% gravel	grey/brown	
	5	7	1.524	2.1336	gravel	brown	
SHP19-110	7	10	2.1336	3.048	bedrock	grey	0
	0	5	0	1.524	20% gravel, 10% clay, 70% sand	lt brown/grey	
	5	6	1.524	1.8288	gravel	brown	
SHP19-111	6	10	1.8288	3.048	bedrock	grey	0
	0	5	0	1.524	frozen sand	lt brown	
	5	7.5	1.524	2.286	frozen sand	lt brown	
	7.5	10	2.286	3.048	frozen sand	lt brown	
	10	12	3.048	3.6576	gravel	brown	0
	12	15	3.6576	4.572	decomposed bedrock	lt brown	

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-112	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 10% gravel	dk brown	
	7.5	10	2.286	3.048	permafrost, 10% gravel	dk brown	
	10	12.5	3.048	3.81	permafrost, 10% gravel	dk brown	
	12.5	16	3.81	4.8768	gravel, 10% clay	brown/grey	
	16	17.5	4.8768	5.334	decomposed bedrock	lt brown	
	17.5	20	5.334	6.096	decomposed bedrock	lt brown	0
SHP19-113	0	5	0	1.524	70% clay, 10% sand, 20% gravel	grey/brown	
	5	7.5	1.524	2.286	70% clay, 10% sand, 20% gravel	grey/brown	
	7.5	10	2.286	3.048	70% clay, 10% sand, 20% gravel	grey/brown	
	10	12.5	3.048	3.81	60% clay, 10% sand, 30% gravel	grey/brown	
	12.5	15	3.81	4.572	40% clay, gravel	grey/brown	
	15	17.5	4.572	5.334	60% clay, 40% gravel	grey/brown	
	17.5	19	5.334	5.7912	60% clay, 40% gravel	grey/brown	
	19	20	5.7912	6.096	decomposed bedrock	grey	0
SHP19-114	0	5	0	1.524	60% clay, 40% gravel	grey/brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	decomposed bedrock	lt brown	21
SHP19-115	0	5	0	1.524	10% muck, gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	bedrock	grey	7
SHP19-116	0	5	0	1.524	frozen sand, 5% gravel	lt brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9.5	2.286	2.8956	gravel	brown	
	9.5	10	2.8956	3.048	bedrock?	grey	0
SHP19-117	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	10% permafrost, 30% clay, 60% gravel	grey/brown	
	7.5	10	2.286	3.048	gravel, boulder	grey/brown	
	10	12.5	3.048	3.81	gravel	brown	
	12.5	15	3.81	4.572	bedrock	grey	0
SHP19-118	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	8	1.524	2.4384	permafrost, 5% gravel	dk brown	
	7.5	10	2.286	3.048	permafrost, 20% gravel	dk brown	
	10	12.5	3.048	3.81	gravel, 15% clay, boulder	grey/brown	
	12.5	14	3.81	4.2672	gravel, 80% clay	grey/brown	
	14	15	4.2672	4.572	decomposed bedrock	lt brown	0
SHP19-119	0	5	0	1.524	20% clay, gravel	grey/brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	decomposed bedrock	lt brown	1

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-120	0	5	0	1.524	5% muck, gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	bedrock	grey	4
SHP19-121	0	5	0	1.524	muck, 30% gravel	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	17
	SHP19-122	0	5	0	1.524	5% permafrost, gravel, boulder	grey/brown
5		8.5	1.524	2.5908	gravel	brown	
8.5		10	2.5908	3.048	bedrock	grey	27
SHP19-123		0	5	0	1.524	gravel, poor recovery	brown
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	9	2.286	2.7432	gravel, poor recovery	brown	
	9	12.5	2.7432	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	38
	SHP19-124	0	5	0	1.524	frozen sand, 10% gravel	lt brown
5		7.5	1.524	2.286	gravel, poor recovery	brown	
7.5		9	2.286	2.7432	gravel	brown	
9		10	2.7432	3.048	bedrock	grey	10
SHP19-125	0	5	0	1.524	10% permfrost, gravel, boulder	grey	
	5	7.5	1.524	2.286	gravel, boulder	grey	
	7.5	9	2.286	2.7432	gravel, boulder	grey	
	9	12.5	2.7432	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	bedrock	grey	63
	SHP19-126	0	5	0	1.524	20% sand, gravel	lt brown, brown
5		7.5	1.524	2.286	gravel	brown	
7.5		10	2.286	3.048	gravel	brown	
10		11.5	3.048	3.5052	gravel	brown	
	11.5	15	3.5052	4.572	bedrock	grey	16
	SHP19-127	0	5	0	1.524	gravel, poor recovery	brown
5		7.5	1.524	2.286	gravel, poor recovery, wet	brown	
7.5		10	2.286	3.048	gravel, poor recovery, wet	brown	
10		11	3.048	3.3528	gravel, poor recovery, wet	brown	
	11	15	3.3528	4.572	bedrock, wet	grey	3
	SHP19-128	0	5	0	1.524	gravel, poor recovery	brown
5		7.5	1.524	2.286	gravel, poor recovery	brown	
7.5		9.5	2.286	2.8956	gravel, poor recovery	brown	
9.5		12.5	2.8956	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	bedrock	grey	8

Appendix A

Downhole Data

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-129	0	5	0	1.524	muck, 25% sand, 5% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	9	2.286	2.7432	gravel, poor recovery	brown	
	9	10	2.7432	3.048	bedrock	grey	12
SHP19-130	0	5	0	1.524	10% sand, 20% gravel, poor recovery	grey/brown	
	5	7.5	1.524	2.286	gravel, poor recovery	grey/brown	
	7.5	10	2.286	3.048	gravel, poor recovery	brown	
	10	11.5	3.048	3.5052	gravel, poor recovery	brown	
	11.5	12.5	3.5052	3.81	bedrock, wet	grey	
	12.5	15	3.81	4.572	bedrock	grey	3
SHP19-131	0	5	0	1.524	gravel, boulder, poor recovery	grey/brown	
	5	7.5	1.524	2.286	gravel, 25% clay	grey/brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	40
SHP19-132	0	5	0	1.524	sandy gravel	lt brown	
	5	7.5	1.524	2.286	sandy gravel	lt brown	
	7.5	10	2.286	3.048	decomposed bedrock	lt brown	
	10	12.5	3.048	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	24
SHP19-133	0	5	0	1.524	10% permafrost, gravel	brown	
	5	7.5	1.524	2.286	20% clay, gravel	brown/grey	
	7.5	9.5	2.286	2.8956	20% clay, gravel	brown/grey	
	9.5	12.5	2.8956	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	20
SHP19-134	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 10% gravel	dk brown	
	7.5	9.5	2.286	2.8956	gravel	brown	
	9.5	12.5	2.8956	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	18
SHP19-135	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	9.5	2.286	2.8956	gravel, poor recovery	brown	
	9.5	12.5	2.8956	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	0
SHP19-136	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	9.5	2.286	2.8956	gravel	brown	
	9.5	12.5	2.8956	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	25

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-137	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	10	2.286	3.048	gravel, poor recovery	brown	
	10	12	3.048	3.6576	gravel, poor recovery	brown	
	12	15	3.6576	4.572	decomposed bedrock	lt brown	2
SHP19-138	0	5	0	1.524	gravel, boulder	grey/brown	
	5	7.5	1.524	2.286	gravel, boulder	grey/brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	11	3.048	3.3528	gravel	brown	
	11	12.5	3.3528	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	bedrock	grey	45
SHP19-139	0	5	0	1.524	gravel, poor recovery	brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	decomposed bedrock	lt brown	
	10	12.5	3.048	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	16
SHP19-140	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	11.5	2.286	3.5052	gravel, poor recovery	brown	
	11.5	12.5	3.5052	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	276
SHP19-141	0	5	0	1.524	10% permafrost, gravel poor recovery	brown	
	5	7.5	1.524	2.286	gravel, 25% clay	brown/grey	
	7.5	10	2.286	3.048	decomposed bedrock	lt brown	
	10	12.5	3.048	3.81	decomposed bedrock, wet	lt brown	2
	12.5	15	3.81	4.572	decomposed bedrock, wet	lt brown	
	15	17.5	4.572	5.334	decomposed bedrock, wet	lt brown	2
SHP19-142	0	5	0	1.524	gravel, wet, poor recovery	brown	
	5	7.5	1.524	2.286	gravel, wet	brown	
	7.5	10	2.286	3.048	gravel, wet	brown	
	10	12.5	3.048	3.81	gravel, wet	brown	
	12.5	15	3.81	4.572	bedrock	grey	31
SHP19-143	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	10	2.286	3.048	gravel	brown	55
	10	11.5	3.048	3.5052	gravel	brown	51
	11.5	15	3.5052	4.572	bedrock	grey	19

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-144	0	5	0	1.524	muck, 15% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, 15% clay	brown/grey	
	7.5	10.5	2.286	3.2004	gravel, 5% clay	brown/grey	
	10.5	12.5	3.2004	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	35
SHP19-145	0	5	0	1.524	muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, 40% clay, poor recovery	brown/grey	
	7.5	10	2.286	3.048	decomposed bedrock	lt brown	5
	10	13	3.048	3.9624	decomposed bedrock	lt brown	
	13	15	3.9624	4.572	bedrock	grey	
SHP19-146	0	5	0	1.524	muck, 2% gravel	dk brown	
	5	8	1.524	2.4384	sand/clay, 5% gravel	lt brown	
	8	10	2.4384	3.048	bedrock	grey	0
SHP19-147	0	5	0	1.524	muck, 2% gravel	dk brown	
	5	7.5	1.524	2.286	muck, poor recovery	dk brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	gravel	brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	0
SHP19-148	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel, poor recovery, wet	brown	
	7.5	10	2.286	3.048	decomposed bedrock	lt brown	
	10	12.5	3.048	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	18
SHP19-149	0	5	0	1.524	gravel, boulder	brown/grey	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	12
SHP19-150	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	11	2.286	3.3528	gravel	brown	
	11	12.5	3.3528	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock, wet	grey	6
SHP19-151	0	5	0	1.524	muck, poor recovery	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9.5	2.286	2.8956	gravel	brown	
	9.5	12.5	2.8956	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	16

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-152	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	muck, 20% gravel, poor recovery	dk brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12.5	3.048	3.81	bedrock, fractured	grey	
	12.5	15	3.81	4.572	bedrock, fractured	grey	
	15	17.5	4.572	5.334	bedrock, wet	grey	
	17.5	20	5.334	6.096	bedrock	grey	1
SHP19-153	0	5	0	1.524	frozen sand, 20% gravel	lt brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock?	grey/brown	0
SHP19-154	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel, wet	brown	
	9	12.5	2.7432	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	4
SHP19-155	0	5	0	1.524	muck	dk brown	
	5	8.5	1.524	2.5908	muck, 10% gravel	dk brown	
	8.5	10	2.5908	3.048	bedrock	grey	0
SHP19-156	0	5	0	1.524	permafrost	dk brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock	grey	46
SHP19-157	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	muck, 5% sand	dk brown	
	7.5	10	2.286	3.048	gravel, 5% muck	dk brown	
	10	11.5	3.048	3.5052	gravel	brown	
	11.5	12.5	3.5052	3.81	bedrock	grey	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	2
SHP19-158	0	5	0	1.524	frozen sand	lt brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	bedrock	grey	0
SHP19-159	0	5	0	1.524	frozen sand, boulder, 10% gravel	lt brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	11	2.286	3.3528	gravel	brown	
	11	12.5	3.3528	3.81	bedrock, wet	grey	
	12.5	15	3.81	4.572	bedrock	grey	2
SHP19-160	0	5	0	1.524	gravel, 45% clay	brown/grey	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	bedrock	grey	1

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-161	0	5	0	1.524	10% permafrost, gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	8.5	2.286	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	bedrock	grey	69
SHP19-162	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	muck, 2% gravel	dk brown	
	7.5	10	2.286	3.048	gravel, 20% clay	brown/grey	
	10	12.5	3.048	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	3
SHP19-163	0	5	0	1.524	permafrost, 5% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 5% gravel	dk brown	
	7.5	10	2.286	3.048	muck, 5% gravel, 10% sand	dk brown	
	10	12.5	3.048	3.81	muck, 90% gravel	brown	
	12.5	15	3.81	4.572	bedrock	grey	6
SHP19-164	0	5	0	1.524	permafrost	dk brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	35
SHP19-165	0	5	0	1.524	permafrost, 60% clay, 10% sand	grey/brown	
	5	8.5	1.524	2.5908	gravel, 10% clay	brown/grey	
	8.5	10	2.5908	3.048	bedrock	grey	
	10	12.5	3.048	3.81	bedrock	grey	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	29
SHP19-166	0	5	0	1.524	gravel, poor recovery	brown	
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	11	2.286	3.3528	gravel, 30% clay	brown/grey	2
	11	12.5	3.3528	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	5
SHP19-167	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12	3.048	3.6576	gravel	brown	
	12	15	3.6576	4.572	bedrock	grey	5
SHP19-168	0	5	0	1.524	gravel, poor recovery	brown	
	5	8.5	1.524	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	bedrock, wet	grey	
	10	12.5	3.048	3.81	bedrock, wet	grey	
	12.5	15	3.81	4.572	bedrock	grey	31

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-169	0	5	0	1.524	60% clay, gravel, poor recovery	grey/brown	
	5	7.5	1.524	2.286	gravel, poor recovery	brown	
	7.5	11.5	2.286	3.5052	gravel, wet	brown	
	11.5	12.5	3.5052	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	10
SHP19-170	0	5	0	1.524	60% clay, gravel, poor recovery	grey/brown	
	5	7.5	1.524	2.286	40% clay, gravel, poor recovery	grey/brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12.5	3.048	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	9
SHP19-171	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10.5	2.286	3.2004	gravel	brown	1
	10.5	12.5	3.2004	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	3
SHP19-172	0	5	0	1.524	gravel, boulder	grey/brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	bedrock	grey	3
SHP19-173	0	5	0	1.524	muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	gravel, wet	brown	
	7.5	9	2.286	2.7432	gravel, wet	brown	
	9	10	2.7432	3.048	bedrock	grey	5
SHP19-174	0	5	0	1.524	frozen sand, 10% gravel	lt brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	8.5	2.286	2.5908	gravel	brown	
	8.5	12.5	2.5908	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	27
SHP19-175	0	5	0	1.524	frozen sand, 10% gravel	lt brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	bedrock	grey	42
SHP19-176	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	8.5	2.286	2.5908	gravel, wet	brown	
	8.5	12.5	2.5908	3.81	decomposed bedrock, wet	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	39
SHP19-177	0	5	0	1.524	gravel, poor recovery	brown	
	5	8	1.524	2.4384	gravel, wet	brown	
	8	10	2.4384	3.048	decomposed bedrock, wet	lt brown	
	10	12.5	3.048	3.81	decomposed bedrock, wet	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock, wet	lt brown	20

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-178	0	5	0	1.524	gravel, boulder poor recovery	grey/brown	
	5	6.5	1.524	1.9812	gravel, boulder, wet	grey/brown	
	6.5	10	1.9812	3.048	decomposed bedrock	lt brown	9
SHP19-179	0	5	0	1.524	muck, 5% gravel	dk brown	
	5	7.5	1.524	2.286	frozen sand, 20% gravel	lt brown	
	7.5	10	2.286	3.048	bedrock	grey	9
SHP19-180	0	5	0	1.524	20% permafrost, gravel	brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	decomposed bedrock	lt brown	35
SHP19-181	0	5	0	1.524	gravel, poor recovery	brown	
	5	8.5	1.524	2.5908	gravel, poor recovery	brown	
	8.5	10	2.5908	3.048	decomposed bedrock, poor recovery	lt brown	
	10	12.5	3.048	3.81	decomposed bedrock, poor recovery	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	4
SHP19-182	0	5	0	1.524	60% muck, gravel	dk brown	
	5	7.5	1.524	2.286	20% muck, gravel	dk brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	bedrock	grey	8
SHP19-183	0	5	0	1.524	gravel, 40% clay, poor recovery	grey/brown	
	5	7.5	1.524	2.286	gravel, 20% clay, poor recovery	grey/brown	
	7.5	11	2.286	3.3528	gravel, wet	brown	
	11	12.5	3.3528	3.81	decomposed bedrock	lt brown	
	12.5	15	3.81	4.572	decomposed bedrock	lt brown	18
SHP19-184	0	5	0	1.524	permafrost, 10% gravel	dk brown	
	5	7.5	1.524	2.286	permafrost, 80% gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12	3.048	3.6576	gravel	brown	
	12	15	3.6576	4.572	decomposed bedrock	lt brown	35
	15	18	4.572	5.4864	decomposed bedrock	lt brown	
SHP19-185	0	5	0	1.524	frozen sand, 5% gravel	lt brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	12.5	2.7432	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	43
	15	18	4.572	5.4864	bedrock	grey	
SHP19-186	0	5	0	1.524	moss, 95% gravel	brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	decomposed bedrock	lt brown	14
SHP19-187	0	5	0	1.524	gravel	brown	
	5	8.5	1.524	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	bedrock	grey	2

HoleID	From_ft	To_ft	From_m	To_m	Material	Color	Gold (mg)
SHP19-188	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	decomposed bedrock	lt brown	7
SHP19-189	0	5	0	1.524	gravel, 5% muck	brown	
	5	8	1.524	2.4384	gravel	brown	
	8	10	2.4384	3.048	decomposed bedrock	lt brown	4
SHP19-190	0	5	0	1.524	gravel, 10% muck	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12	3.048	3.6576	gravel	brown	
	12	15	3.6576	4.572	decomposed bedrock, wet	lt brown	24
SHP19-191	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	9	2.286	2.7432	gravel	brown	
	9	10	2.7432	3.048	decomposed bedrock	lt brown	0
SHP19-192	0	5	0	1.524	gravel	brown	
	5	8.5	1.524	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	bedrock	grey	8
SHP19-193	0	5	0	1.524	sand, muck	dk brown	
	5	8.5	1.524	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	bedrock	grey	
	10	12.5	3.048	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	11
SHP19-194	0	5	0	1.524	sand	lt brown	
	5	8.5	1.524	2.5908	gravel	brown	
	8.5	10	2.5908	3.048	bedrock	grey	42
SHP19-195	0	5	0	1.524	gravel	brown	
	5	7	1.524	2.1336	gravel	brown	
	7	10	2.1336	3.048	bedrock	grey	89
SHP19-196	0	5	0	1.524	gravel	brown	
	5	7.5	1.524	2.286	gravel	brown	
	7.5	10	2.286	3.048	gravel	brown	
	10	12.5	3.048	3.81	bedrock	grey	
	12.5	15	3.81	4.572	bedrock	grey	3