

Yukon Mineral Exploration Program (YMEP)

23-054

Final Report

Twenty Mile Creek Placer Property

Dawson Mining District

NTS: 115/08 & 115N/09

UTM Zone: 7N

Northing: 542567

Easting: 7047793

Claim List:

TWM 1- 204

Work Performed:

Mobilization: July 9th, 2023

RC Drilling: July 10th to 18th, 2023

Demobilization: July 19th, 2023

Prepared for Wildwood Exploration Inc.

Written by: Simon Cash

January 31st, 2024.

Contents

1	SUMMARY	3
2	INTRODUCTION	4
3	LOCATION	4
4	ACCESS	5
5	GEOLOGY	6
5.1	REGIONAL GLACIAL GEOLOGY	6
5.2	SURFICIAL GEOLOGY	7
6	WORK PERFORMED / METHODS	8
6.1	WORK PERFORMED	8
6.2	DRILLING AND SAMPLING PROCEDURE	8
6.3	RESULTS	10
7	INTERPRETATION	11
8	RECOMMENDATION	11
9	EXPENDITURES	11
10	REFERENCES	11
11	QUALIFICATION	12
12	APPENDICE	13
12.1	DRILL POINT DATA	13
12.2	DOWNHOLE DRILL DATA	14

Location Map	Figure 1
Claim Location Map	Figure 2
Regional Glacial Geology Map	Figure 3
South Twenty Mile Surficial Geology Map	Figure 4
North Twenty Mile Surficial Geology Map	Figure 5
Drill line Location Map	Figure 6
Drill Line 1 Map	Figure 7
Drill Line 2 Map	Figure 8
Drill Line 3 Map	Figure 9
Drill Line 4 Map	Figure 10
Drill Line 5 Map	Figure 11

1 SUMMARY

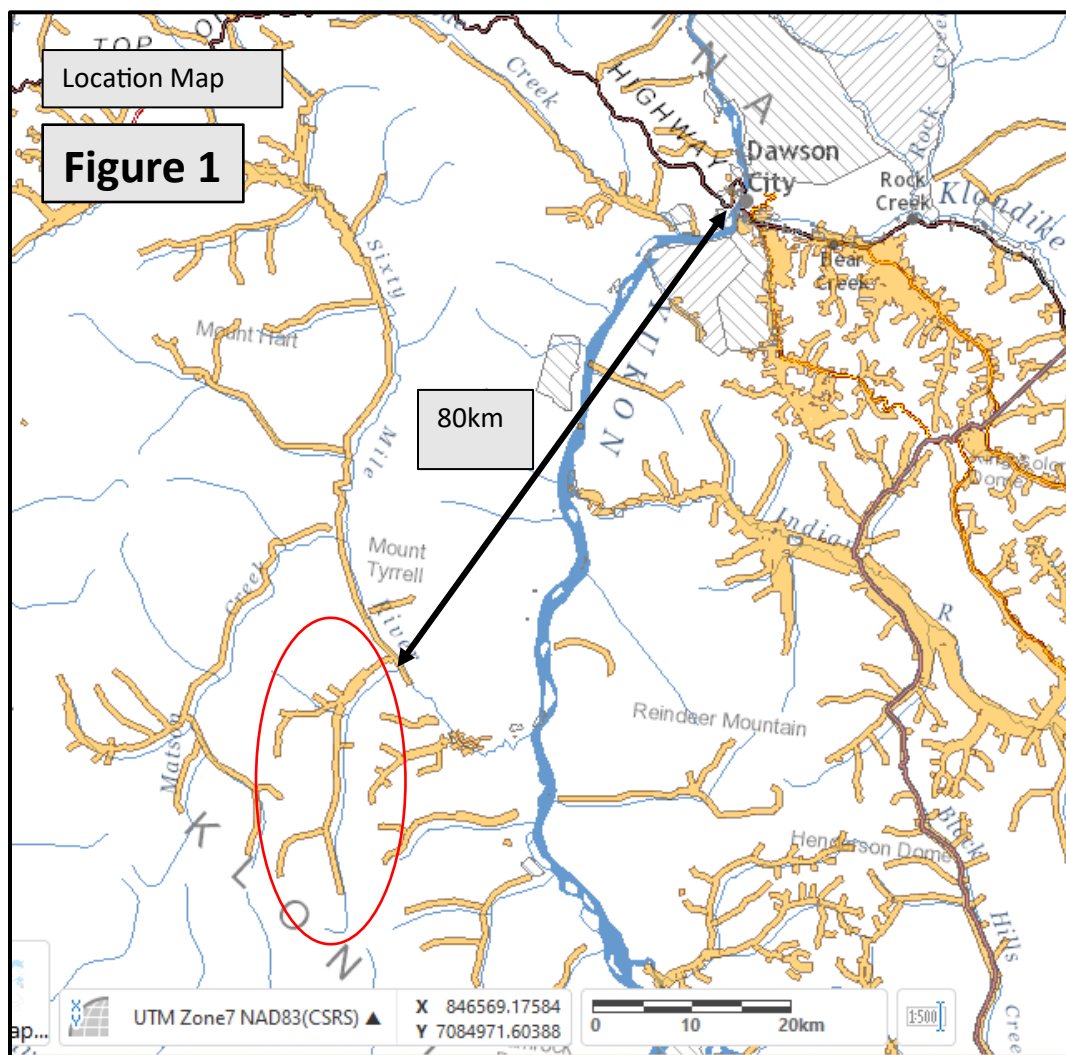
This report covers an interpretation of the work conducted under the YMEP granted to Wildwood Exploration for the 2023 field season. Between July 9th and July 19th, 2023 Wildwood performed a RC Drilling program to confirm the reaches of the main Twenty Mile discovery to both upstream and downstream. A total of 1,010 feet was drilled over 38 holes.

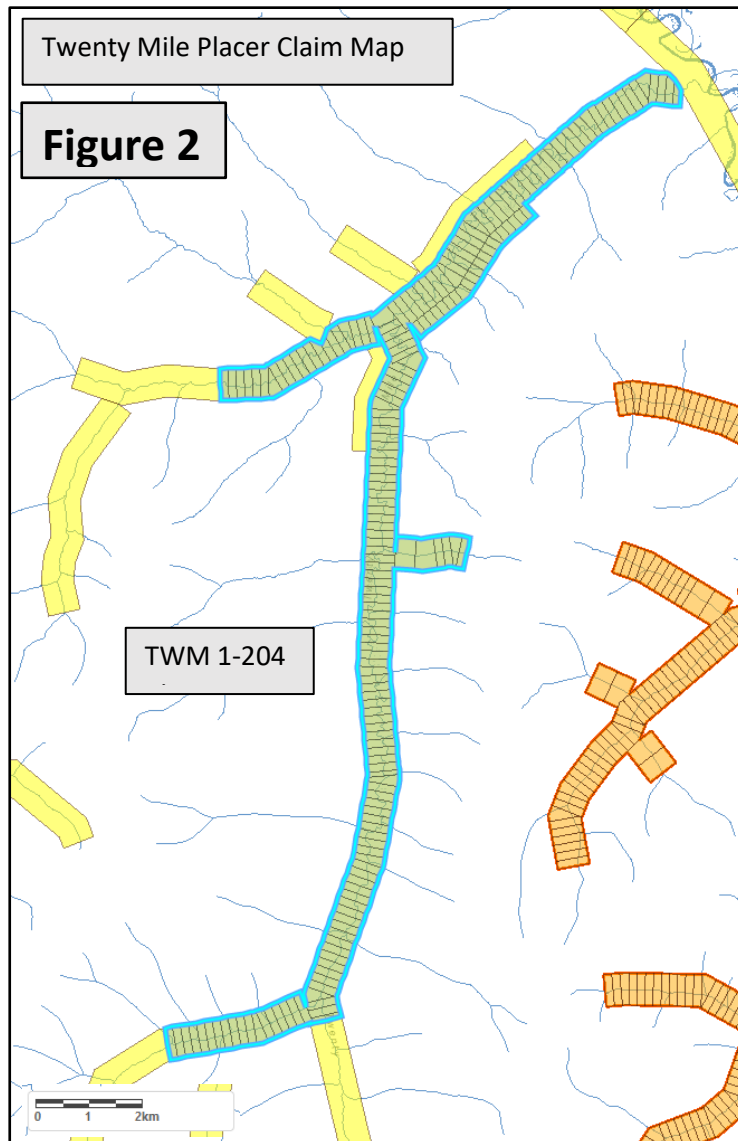
2 INTRODUCTION

Wildwood Exploration has been conducting a regional placer exploration program in the Twenty Mile drainage system since 2020. Over this time there has been Airborne Lidar and Ortho mosaic surveys, Ground Resistivity Surveys, Ground Penetrating Radar Surveys and Drilled thousands of feet of RC, RAB, and Auger Drill holes followed up by bulk sample shafts. A total of 5 drill lines were drilled across the property testing the limits of the economical gold discover on the property.

3 LOCATION

The Twenty Mile Placer Property is located 80 km SW of Dawson City, in the Dawson City Mining District, on NTS sheet # 115/08 & 115N/09 and centrally located at UTM Zone: 7N, Northing: 542567, Easting: 7047793.





4 ACCESS

The Twenty Mile Creek Placer Property can be accessed via helicopter from Dawson City. There is an old cat road that runs over the hill from Ten Mile creek and the Lammers airstrip which connects to the Sixty-mile Barge landing.

5 GEOLOGY

5.1 REGIONAL GLACIAL GEOLOGY

The Twenty Mile Placer Property lies within the unglaciated terrain of the Yukon.

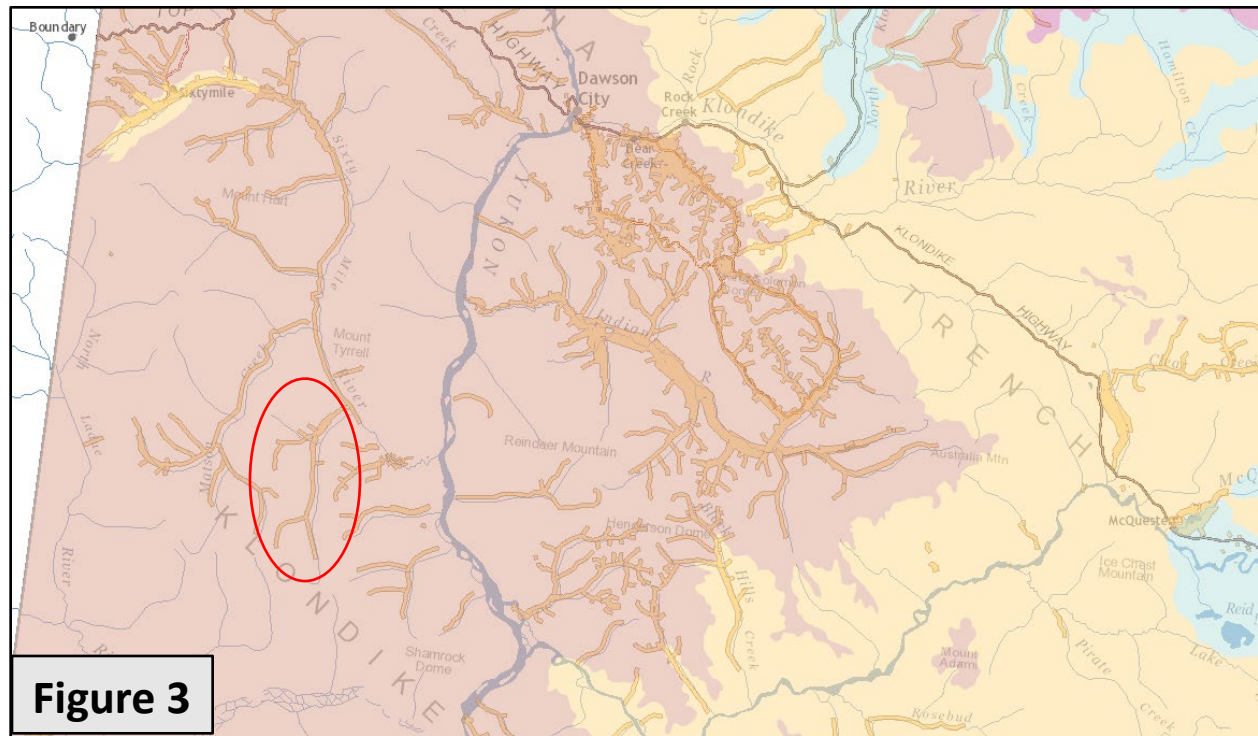
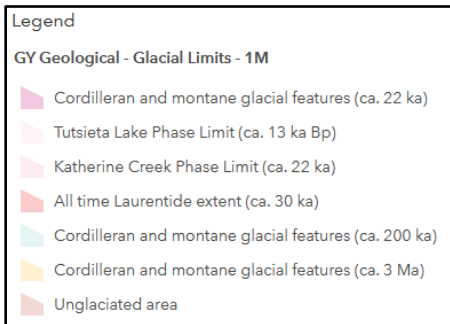


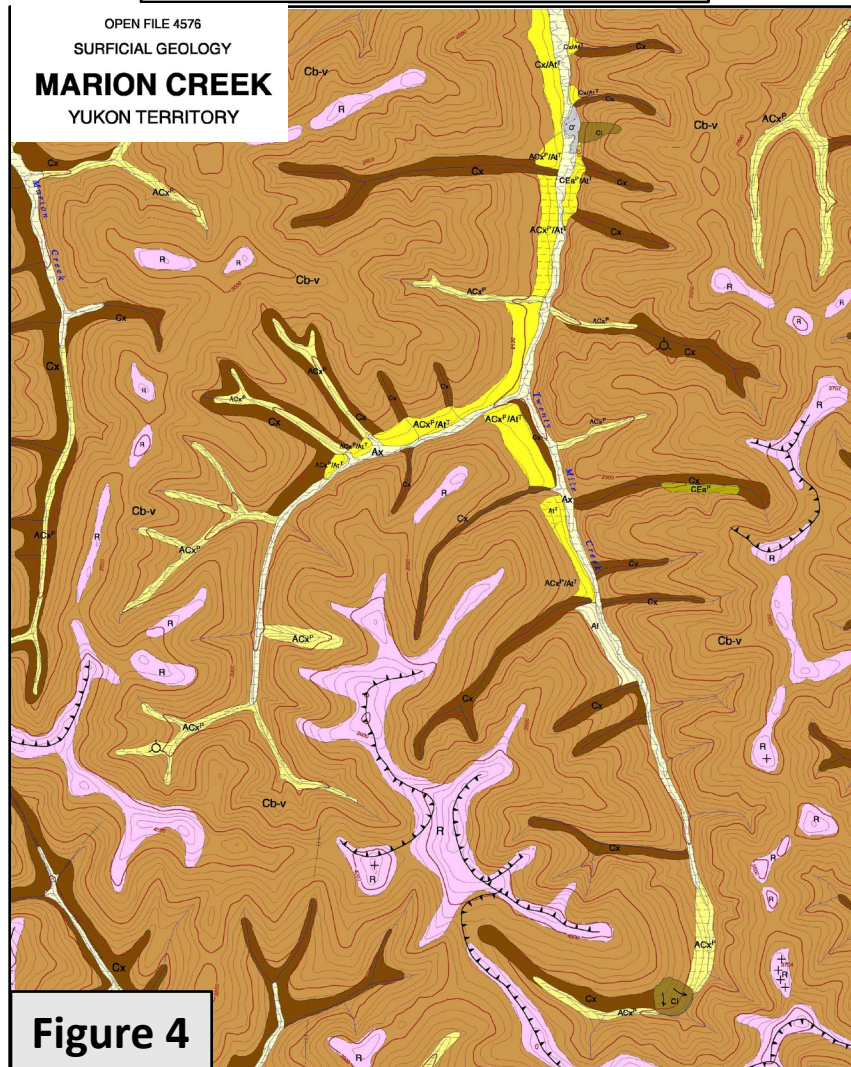
Figure 3



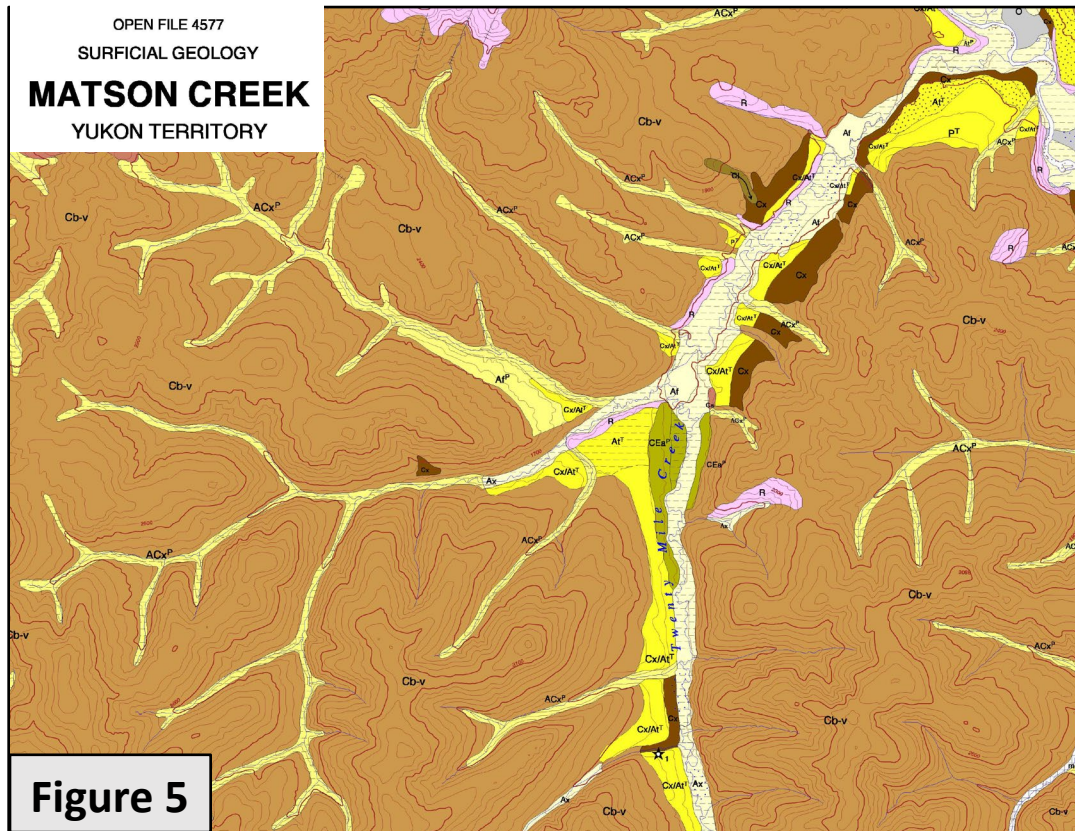
5.2 SURFICIAL GEOLOGY

The Marion Creek and Matson Creek Surficial Maps below indicates that's the creek valley bottom running through the Twenty Mile Placer property is covered by three different units. The Lower Ax units are composed of floodplain alluvial, followed by the AtT unit (higher bench gravel) and intermixed with the ACXp of alluvial colluvial complex sediments of silts, sands and gravel that are poorly sorted.

Upper Twenty Mile Creek



Lower Twenty Mile Creek



6 WORK PERFORMED / METHODS

6.1 WORK PERFORMED

The drill program started with the mobilization of the RC drill from the Marion Creek drill program over the hill by helicopter.

A four-person crew that consist of a driller, drill helper, sampler and foreman/ processor were flown in daily by helicopter to the Twenty Mile Creek Placer Property from a base camp set up at Henderson Creek. The drilling took place from July 10th, 2023, to July 18th 2023.

6.2 DRILLING AND SAMPLING PROCEDURE

The RC Drill is a light-weight rotary percussion drill rig mounted on a set of rubber tracks. The drill was converted from a conventional deep hole drill for hard rock drilling to an overburden testing drill designed to drive a 4" and 6" cased hole in the creek bottoms.

The drill is equipped with a wireless control system used to drive from site to site and is equipped with 4 outriggers to self level on drill sites and has a larger drill foot on the mast to disperse weight when drilling in soft and wet terrain. The rubber tracks on the drill give it 1.8psi ground pressure allowing it to be extremely versatile and low impact in the field.

The RC drill rig uses a downhole rotary percussion hammer with a RAB advancing system and crossover sub above the hammer which uses compressed air from two 300CFM, 200PSI stationary air compressors delivered to the drill by 2" air hose.

Drill cuttings are sieved in a pail of water to visually confirm gravel and bedrock layers while drilling and returned to the bag at the end of each hole.

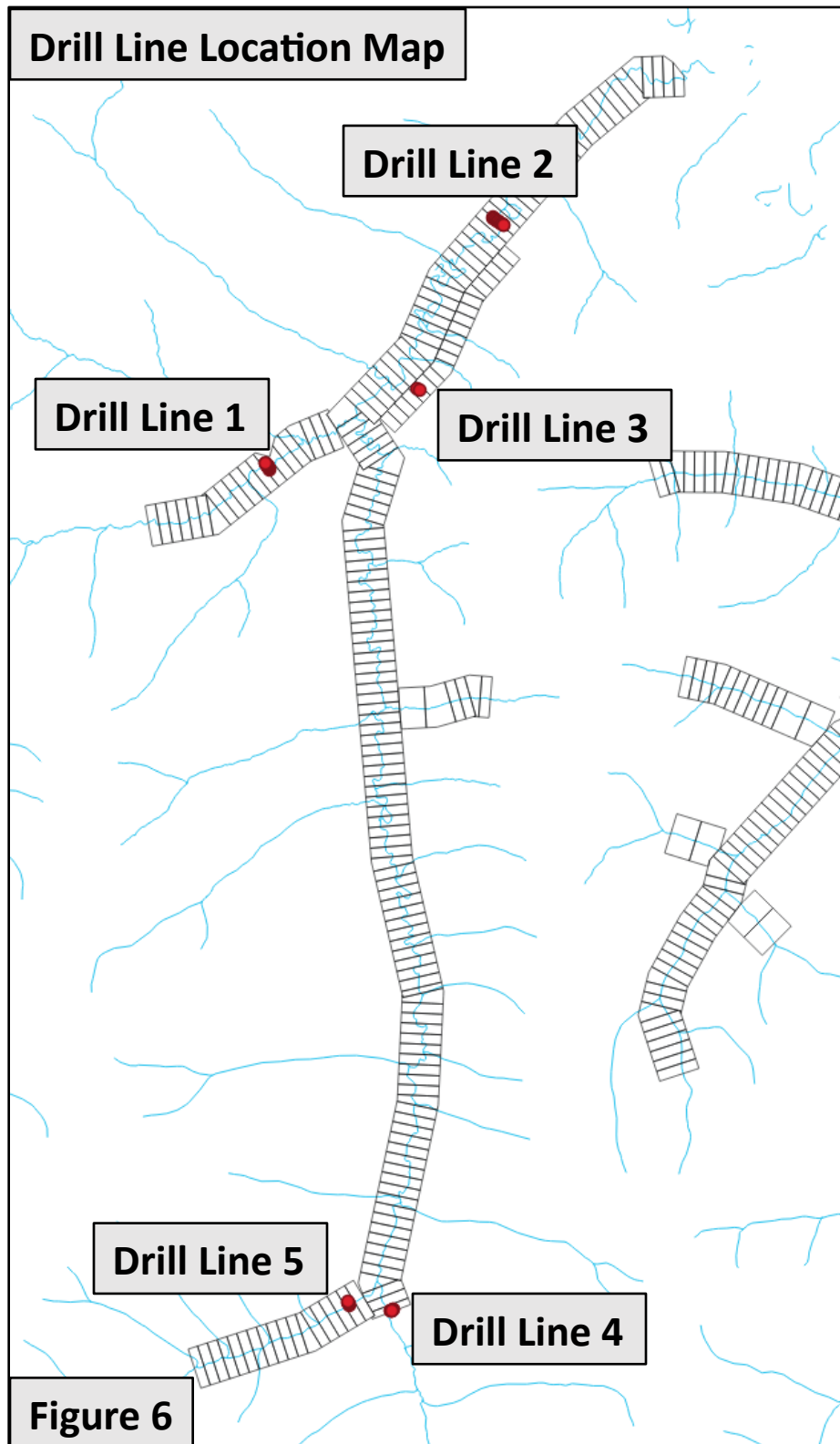
Pay gravels are sluiced onsite during drilling through a Gold Hog Raptor sluice.

The concentrate is then panned, and gold grain count and weight estimate are done visually.

Once out of the field the gold is then weighed using a scientific ACZEL CY 124 scale which has a readability of 0.1 milligrams and certified 1mg and 5mg TROEMNER calibration weights. The scale is calibrated every 20 minutes or after every 5 drill holes, whichever comes first.

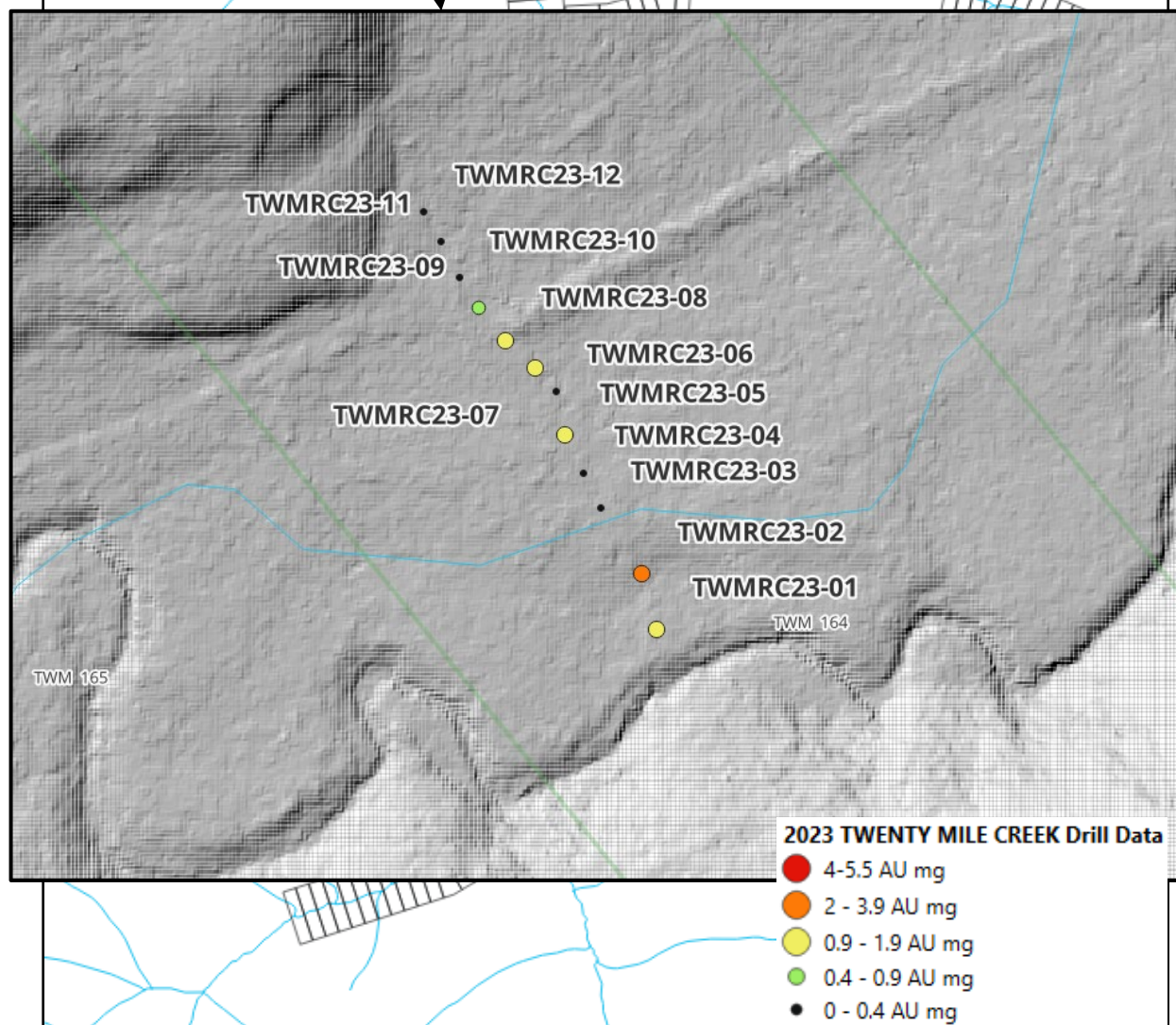
Drillhole data is logged nightly into a drillhole database. The following is logged for each drill hole, Hole ID, XY Coordinates, Drill Method, Hole Diameter, Drill Date, Overburden Type, Overburden thickness, Gravel Thickness, Bedrock Depth, Total Hole Depth and Recovered AU mg (visually estimated). A section is drafted of each drill hole fence with topography and creek location.

6.3 RESULTS



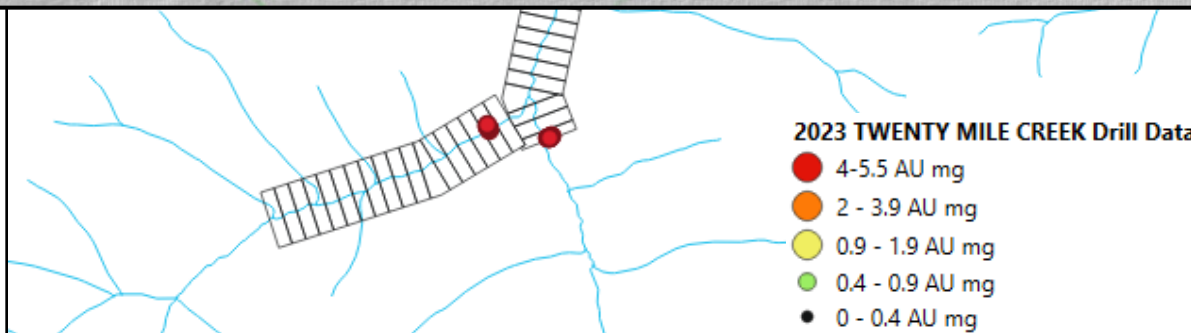
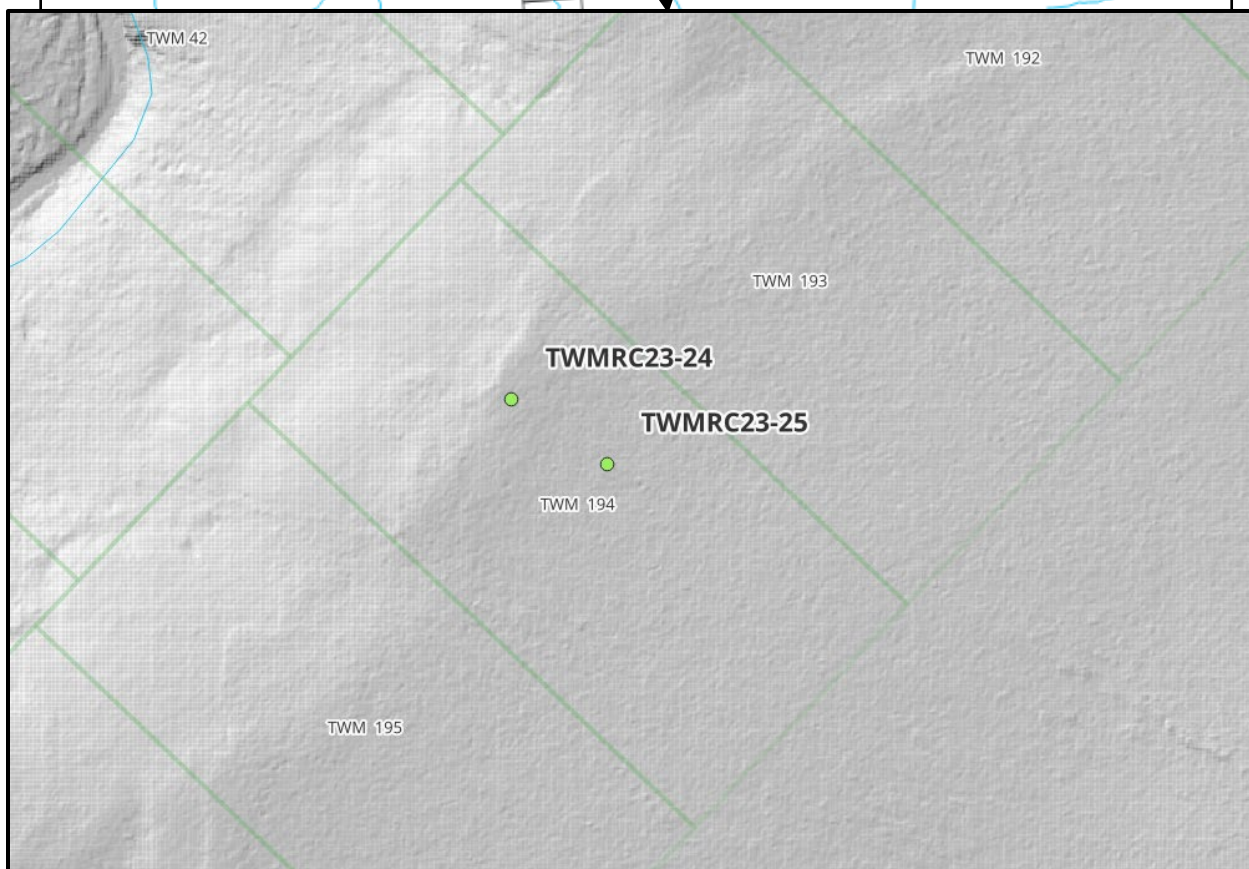
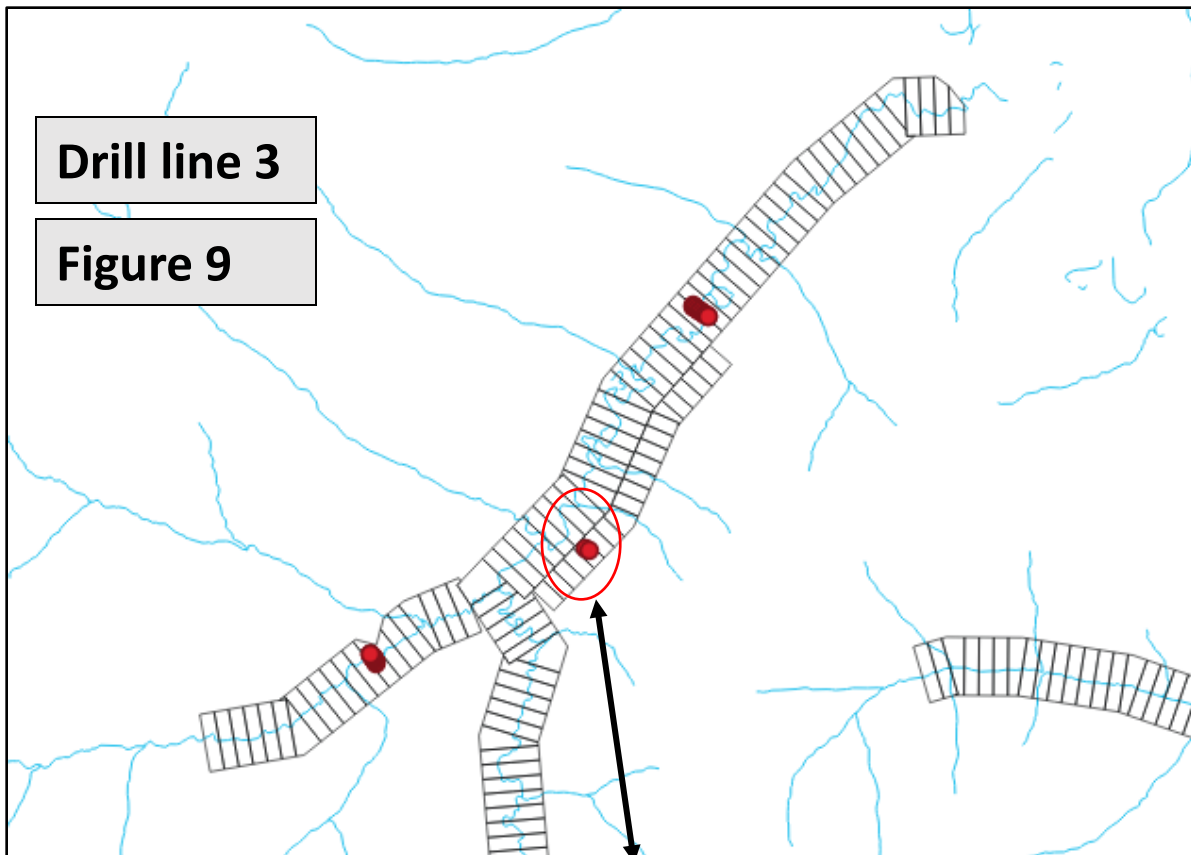
Drill line 1

Figure 7



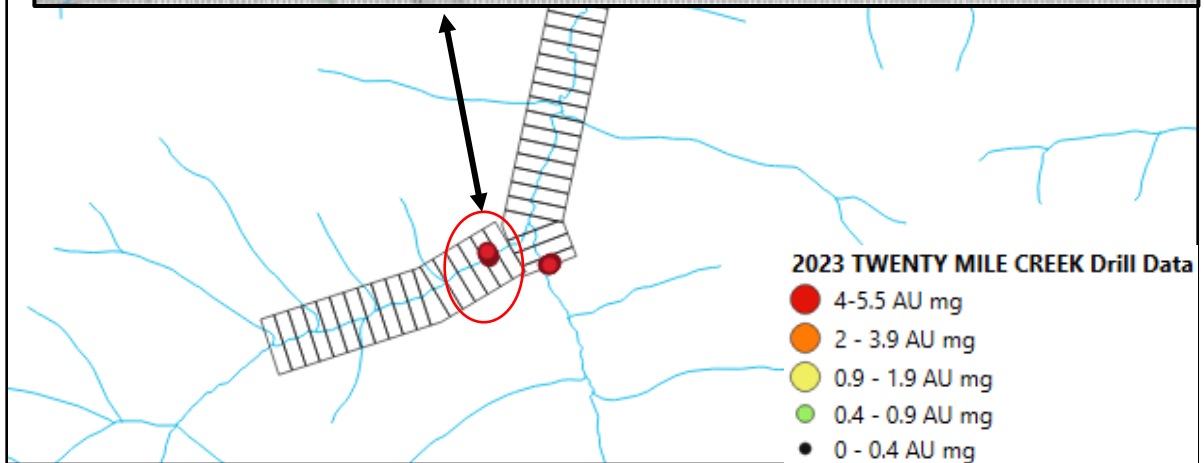
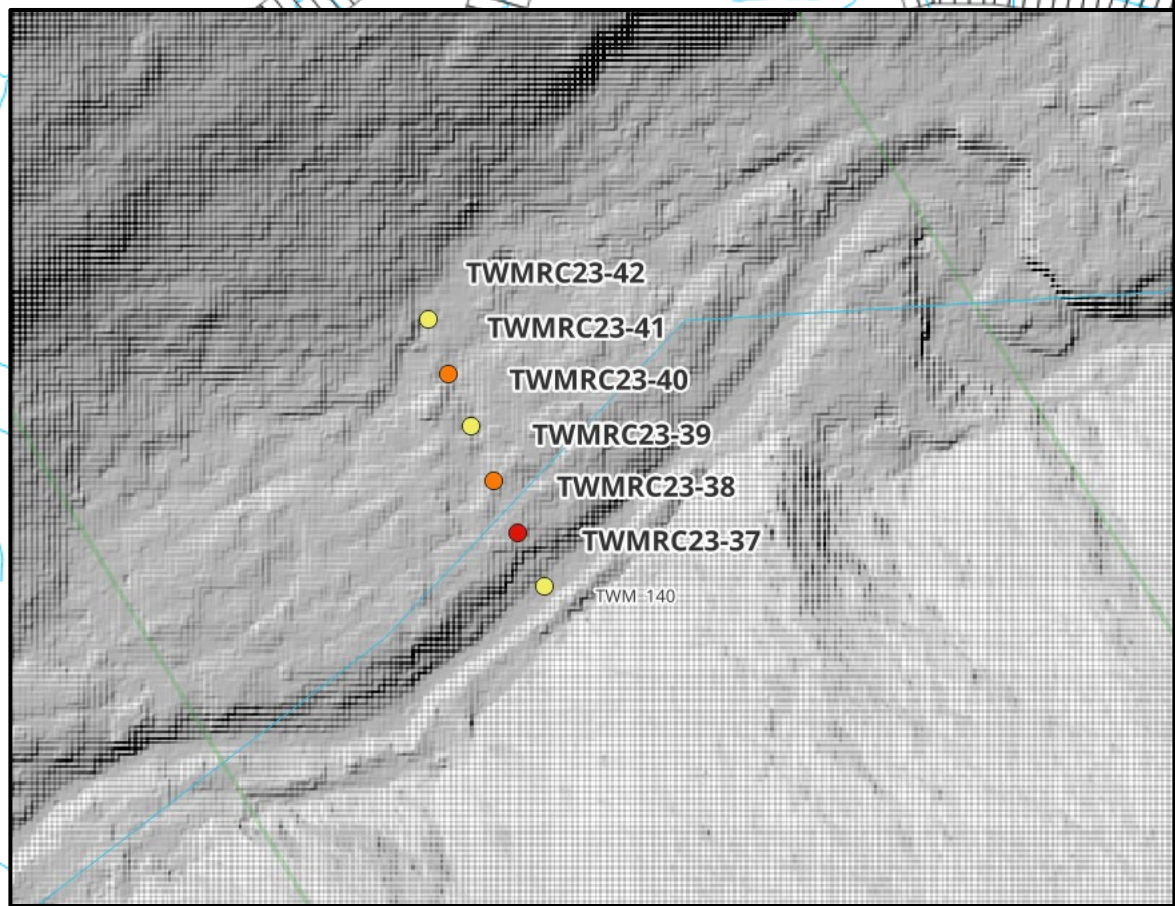
Drill line 3

Figure 9



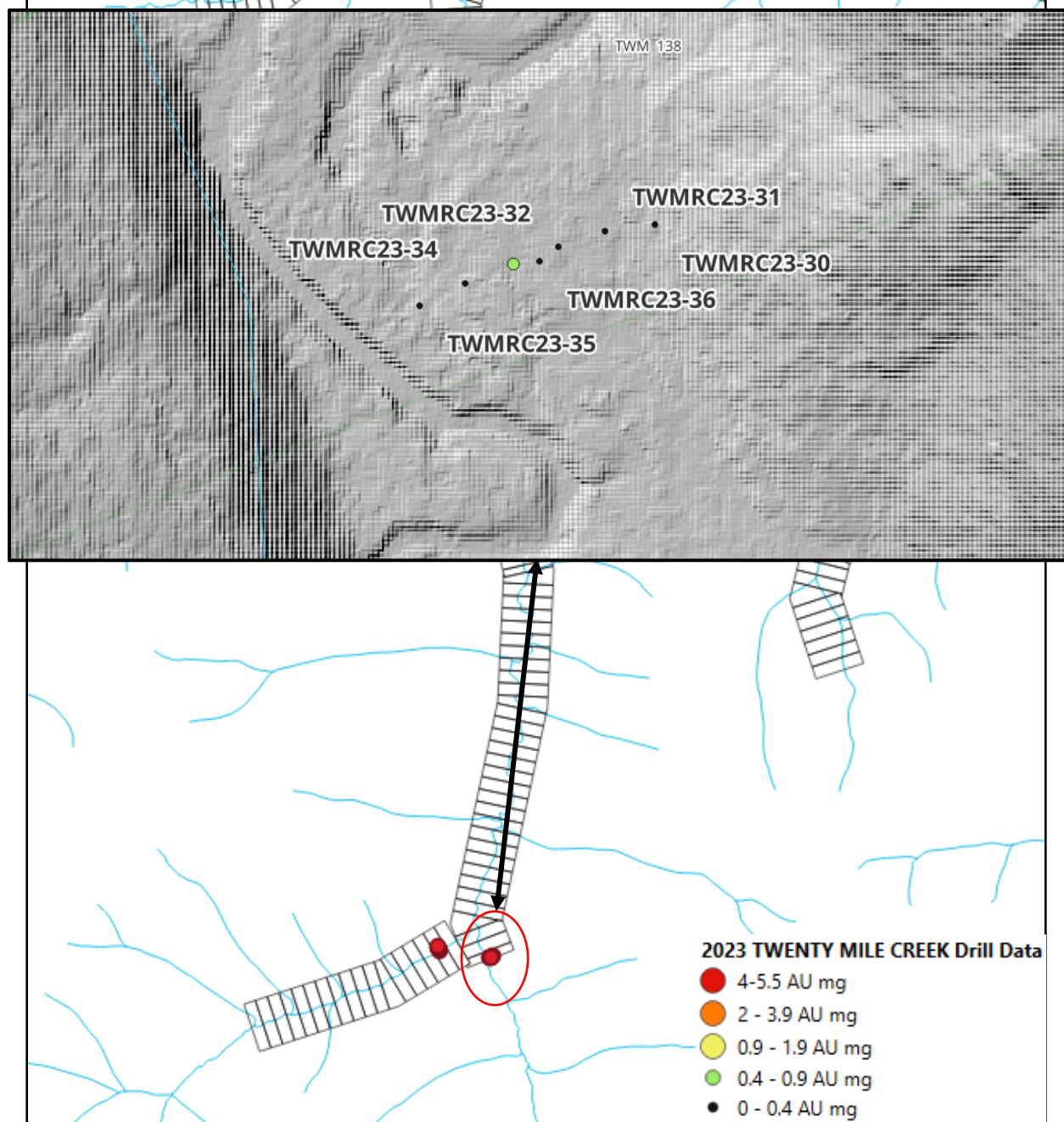
Drill line 5

Figure 11



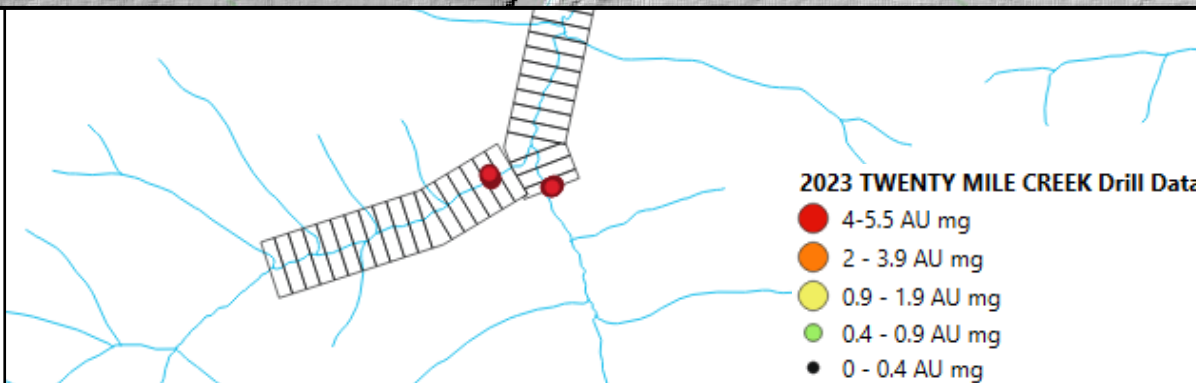
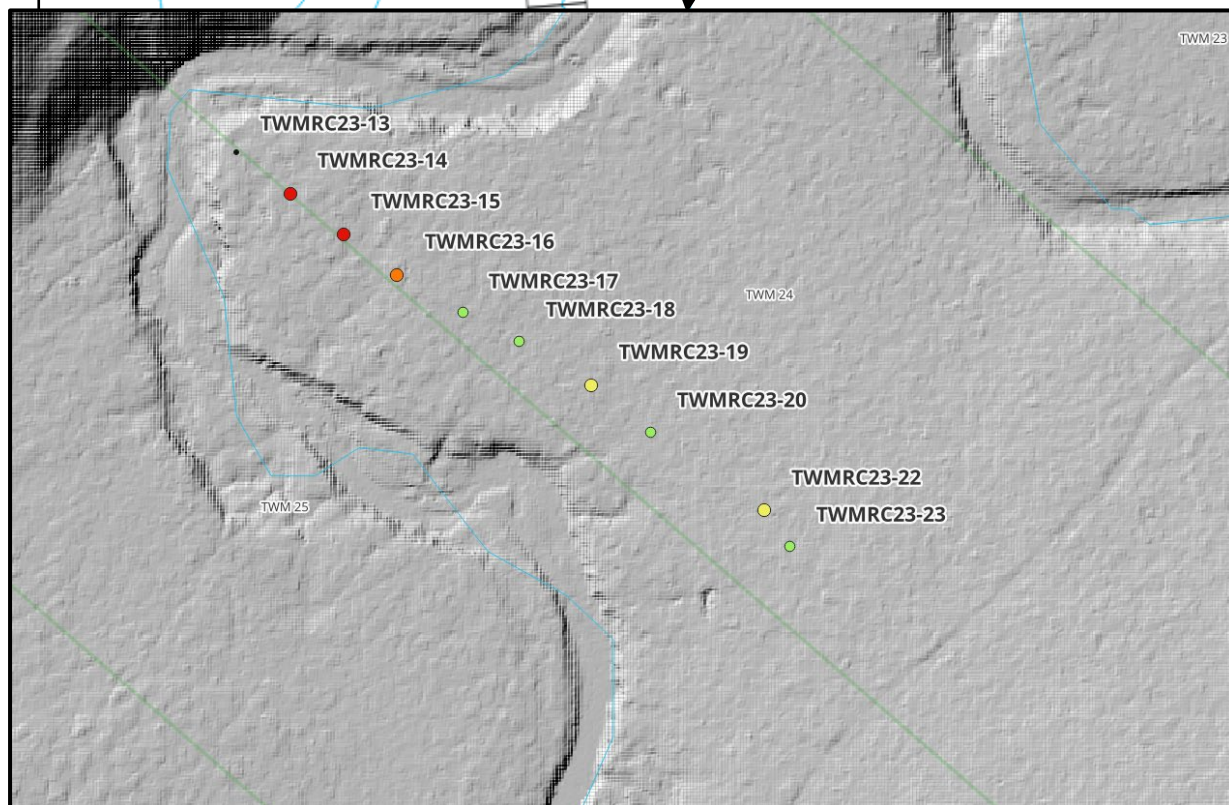
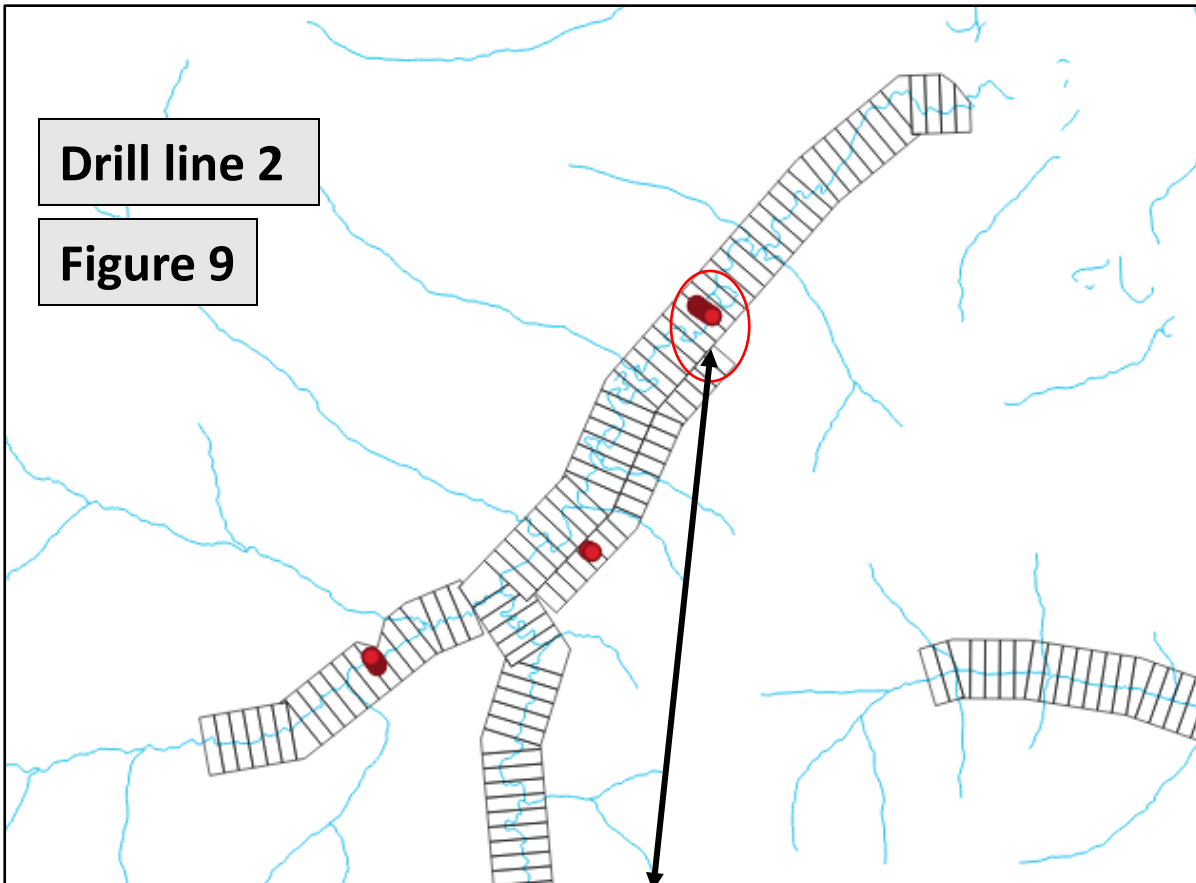
Drill line 4

Figure 10



Drill line 2

Figure 9



7 INTERPRETATION

The 2023 Twenty Mile Creek RC Drill program showed us that the economical gold grades of 2mg's and above continue downstream 4km's from the original Twenty Mile discovery and are seen further upstream 13km's. The Twenty Mile Creek running in from the west/ Matson area also showed promising results 1.7km upstream. The benches contained little to no gold and are very deep.

8 RECOMMENDATION

It is recommended to begin infill drilling on 300m spacing over the property and continue to test the drill results with bulk sampling on the lower grade holes.

9 EXPENDITURES

The total cost of the drill program was \$ 100,433.20 and the average cost per foot was \$88.91

YMEP #	Properties	Dates Worked	Work performed	Crew	Wages	Daily field Expenses	Drill + Compressors	Flight Ticket Amount	Diesel/Fuel \$ per day	WW Jet Fuel \$	Total per day	Man Days worked	Drill Footage ft
23 - 054	TWM	July 10	RC drilling	RC drill crew + Medic	\$2,130.00	\$600.00	\$1,500.00	\$3,748.00	\$314.00	\$777.00	\$9,069.00	5	142
	TWM	11	RC drilling	RC drill crew + Medic	\$2,130.00	\$600.00	\$1,500.00	\$2,677.00	\$314.00	\$583.00	\$7,804.00	5	202
	TWM	12	Helicopter drill move/ RC drilling	RC drill crew + Medic	\$2,130.00	\$600.00	\$1,500.00	\$6,247.00	\$314.00	\$1,360.00	\$12,151.00	5	110
	TWM	13	RC drilling	RC drill crew + Medic	\$2,130.00	\$600.00	\$1,500.00	\$2,320.00	\$314.00	\$505.00	\$7,369.00	5	117
	TWM	14	Helicopter drill move/ RC drilling	RC drill crew + Medic	\$2,130.00	\$600.00	\$1,500.00	\$5,176.00	\$314.00	\$1,127.00	\$10,847.00	5	80
	TWM	15	Helicopter drill move/ RC drilling	RC drill crew + Medic	\$2,130.00	\$600.00	\$1,500.00	\$9,282.00	\$314.00	\$2,121.00	\$15,947.00	5	90
	TWM	16	Helicopter drill move/ RC drilling	RC drill crew + Medic	\$2,130.00	\$600.00	\$1,500.00	\$6,961.00	\$314.00	\$1,591.00	\$13,096.00	5	157.5
	TWM	17	Helicopter drill move/ RC drilling	RC drill crew + Medic	\$2,130.00	\$600.00	\$1,500.00	\$3,748.00	\$314.00	\$856.00	\$9,148.00	5	112.5
	TWM	18	Helicopter drill move/ RC drilling	RC drill crew + Medic	\$2,130.00	\$600.00	\$1,500.00	\$6,426.00	\$314.00	\$1,468.00	\$12,438.00	5	135
Total		9 Days			#####	\$5,400.00	\$13,500.00	\$46,585.00	\$2,826.00	\$10,388.00	\$97,869.00	45	1146
GST					\$958.50	\$270.00	\$675.00		\$141.30	\$519.40	\$2,564.20		
Grand Total					#####	\$5,670.00	\$14,175.00	\$46,585.00	\$2,967.30	\$10,907.40	\$100,433.20		\$88.91 per foot

10 REFERENCES

- LSI International 2022 Private Lidar survey Report conducted for Wildwood Exploration.
- Jackson, L.E., Jr., Morison, S.R., and Mougeot, C. 2005: surficial geology, Matson Creek, Yukon Territory, Geological survey of Canada, Open file 4577, scale 1:50 000.
- Jackson, L.E., Jr 2005: surficial geology, Marion Creek, Yukon Territory, Geological survey of Canada, Open file 4576, scale 1:50 000.
- GeoYukon, <https://mapservices.gov.yk.ca/GeoYukon/>

11 QUALIFICATION

I, Simon Cash of Whitehorse, Yukon do hereby certify that:

1. I have worked in the mineral exploration field since 2016 and have worked specifically in placer exploration since 2022.
2. This report is compiled of data from drilling programs carried out under my supervision.
3. 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 29 of January 2024 in Whitehorse, Yukon.

Respectfully submitted.

Simon Cash

12 APPENDICE

12.1 DRILL POINT DATA

hole_id	utm_zone	utm_easting	utm_northing	date_drilled	drilling_method	hole_diameter	OVERBURDEN_thickness_ft	gravel_starts_ft	gravel_thickness_ft	bedrock_starts_ft	total_depth_ft	AU_mg
TWMRC23-01	7	541115	7047881	7/10/2023	RC Drill	4"	3	3	13	16	22.5	1
TWMRC23-02	7	541111.2	7047894.8	7/10/2023	RC Drill	4"	8	8	9.5	17.5	22.5	2.7
TWMRC23-03	7	541100.9	7047911.2	7/10/2023	RC Drill	4"	11	11	10	21	27.5	0
TWMRC23-04	7	541096.8	7047919.9	7/10/2023	RC Drill	4"	12	12	9	21	27.5	0
TWMRC23-05	7	541092	7047929.3	7/10/2023	RC Drill	4"	11	11	11.5	22.5	27.5	1.1
TWMRC23-06	7	541090	7047940.2	7/10/2023	RC Drill	4"	6	6	18	24	30	0
TWMRC23-07	7	541084.7	7047946.2	7/11/2023	RC Drill	4"	14	14	10	24	30	1.6
TWMRC23-08	7	541077.3	7047952.9	7/11/2023	RC Drill	4"	14	14	8.5	22.5	27.5	1.5
TWMRC23-09	7	541070.7	7047961	7/11/2023	RC Drill	4"	16	16	10	26	32.5	0.7
TWMRC23-10	7	541065.8	7047968.5	7/11/2023	RC Drill	4"	22	22	5	27	32.5	0
TWMRC23-11	7	541061.4	7047977.5	7/11/2023	RC Drill	4"	25	25	6	31	37.5	0
TWMRC23-12	7	541057.1	7047984.8	7/11/2023	RC Drill	4"	18	18	5	23	32.5	0
TWMRC23-13	7	544419	7051621	7/11/2023	RC Drill	4"	16	16	6	22	27.5	0
TWMRC23-14	7	544436	7051608	7/12/2023	RC Drill	4"	8	8	11	19	27.5	5.2
TWMRC23-15	7	544453	7051595	7/12/2023	RC Drill	4"	7	7	10	17	25	4
TWMRC23-16	7	544470	7051582	7/12/2023	RC Drill	4"	11	11	7	18	22.5	3
TWMRC23-17	7	544491	7051570	7/12/2023	RC Drill	4"	8	8	9	17	22.5	0.6
TWMRC23-18	7	544509	7051561	7/12/2023	RC Drill	4"	12	12	6	18	25	0.5
TWMRC23-19	7	544532	7051547	7/13/2023	RC Drill	4"	8	8	11	19	25	1.1
TWMRC23-20	7	544551	7051532	7/13/2023	RC Drill	4"	9	9	8	17	22.5	0.5
TWMRC23-21	7	544569	7051519	7/13/2023	RC Drill	4"	9	9	9	18	25	
TWMRC23-22	7	544587	7051507	7/13/2023	RC Drill	4"	9	9	10	19	25	1
TWMRC23-23	7	544595.2	7051495.7	7/13/2023	RC Drill	4"	14	14	11	25	32.5	0.5
TWMRC23-24	7	543305	7049085	7/14/2023	RC Drill	4"	3	3	80	0	82.5	0.5
TWMRC23-25	7	543352	7049053	7/15/2023	RC Drill	4"	13	13	90	0	92.5	0.5
TWMRC23-30	7	542957.437	7035431.482	7/16/2023	RC Drill	4"	8	8	7	15	22.5	0
TWMRC23-31	7	542947.213	7035430.204	7/17/2023	RC Drill	4"	8	8	9	17	22.5	0

TWMRC23-32	7	542937.415	7035426.796	7/17/2023	RC Drill	4"	8	8	8	16	22.5	0
TWMRC23-33	7	542928.044	7035423.175	7/17/2023	RC Drill	4"	6	6	12	18	25	0.5
TWMRC23-34	7	542918.033	7035419.341	7/17/2023	RC Drill	4"	5	5	10	0	12.5	0
TWMRC23-35	7	542908.661	7035414.656	7/17/2023	RC Drill	4"	5	5	11	16	22.5	0
TWMRC23-36	7	542933.582	7035423.814	7/17/2023	RC Drill	4"	6	6	10	16	22.5	0
TWMRC23-37	7	542298.555	7035503.982	7/18/2023	RC Drill	4"	6	6	7	13	17.5	1.2
TWMRC23-38	7	542294.061	7035513.236	7/18/2023	RC Drill	4"	10	10	4	14	22.5	4
TWMRC23-39	7	542289.963	7035522.357	7/18/2023	RC Drill	4"	5	5	15	20	27.5	3
TWMRC23-40	7	542285.997	7035531.743	7/18/2023	RC Drill	4"	6	6	16	22	27.5	1.6
TWMRC23-41	7	542282.031	7035540.865	7/18/2023	RC Drill	4"	6	6	14	20	27.5	2.6
TWMRC23-42	7	542278.462	7035550.251	7/18/2023	RC Drill	4"	8	8	12	20	27.5	1

12.2 DOWNHOLE DRILL DATA

Hole ID	Muck from (ft)	Muck to (ft)	Gravel from (ft)	Gravel to (ft)	Bedrock from (ft)	Bedrock to (ft)
TWMRC23-01	0	3	3	16	16	22.5
TWMRC23-02	0	8	8	17.5	17.5	22.5
TWMRC23-03	0	11	11	21	21	27.5
TWMRC23-04	0	12	12	21	21	27.5
TWMRC23-05	0	11	11	22.5	22.5	27.5
TWMRC23-06	0	6	6	24	24	30
TWMRC23-07	0	14	14	24	24	30
TWMRC23-08	0	14	14	22.5	22.5	27.5
TWMRC23-09	0	16	16	26	26	32.5
TWMRC23-10	0	22	22	27	27	32.5
TWMRC23-11	0	25	25	31	31	37.5
TWMRC23-12	0	18	18	23	23	32.5
TWMRC23-13	0	16	16	22	22	27.5
TWMRC23-14	0	8	8	19	19	27.5
TWMRC23-15	0	7	7	17	17	25
TWMRC23-16	0	11	11	18	18	22.5
TWMRC23-17	0	8	8	17	17	22.5
TWMRC23-18	0	12	12	18	18	25
TWMRC23-19	0	8	8	19	19	25
TWMRC23-20	0	9	9	17	17	22.5
TWMRC23-21	0	9	9	18	18	25
TWMRC23-22	0	9	9	19	19	25

TWMRC23-23	0	14	14	25	25	32.5
TWMRC23-24	0	3	3	0	0	82.5
TWMRC23-25	0	13	13	0	0	92.5
TWMRC23-26	0	5	5	32	32	40
TWMRC23-27	0	8	8	31	31	37.5
TWMRC23-28	0	15	15	35	35	42.5
TWMRC23-29	0	15	15	25	25	27.5
TWMRC23-30	0	8	8	15	15	22.5
TWMRC23-31	0	8	8	17	17	22.5
TWMRC23-32	0	8	8	16	16	22.5
TWMRC23-33	0	6	6	18	18	25
TWMRC23-34	0	5	5	0	0	12.5
TWMRC23-35	0	5	5	16	16	22.5
TWMRC23-36	0	6	6	16	16	22.5
TWMRC23-37	0	6	6	13	13	17.5
TWMRC23-38	0	10	10	14	14	22.5
TWMRC23-39	0	5	5	20	20	27.5
TWMRC23-40	0	6	6	22	22	27.5
TWMRC23-41	0	6	6	20	20	27.5
TWMRC23-42	0	8	8	20	20	27.5