

Spent the day prospecting a left limit trib. of Bellarat Ck. located 11km upstream from its mouth at the Yukon River. The creek is small and flows in a southerly direction down a narrow valley. There is an old flume still noticeable in the lower part of the valley. The creek bed contains large boulders and coarse gravel. There are signs of high water indicated by flood gravel high on the sides of the valley floor. Found an old shaft approx. 2m in depth, located on a co-discovery claim. It did not look like bed rock had been reached. Panning of the soil ~~was~~ taken from shaft showed - Black heavies, red garnets and no gold was found. Fannell did though.

9 JULY
JUILLET

To day am hiking slope on the west side of Ballarat creek. Outcrop is restricted to the higher area of the slope. Only slide rock and some ~~float~~ Quartz float on the lower hill side. A lot of the quartz has what looks like a Manganese stain in it. A sample of Quartz float was taken it has what I believe is Arsenopyrite in it. Hiked down to camp.

10 JULY
JUILLET

JULY
JUILLET 15

JULY
JUILLET 16

Traverse left limit trib of Ballarat ck. located 3.5km from mouth of creek. Valley is approx 200ft wide when it enters Ballarat Valley. Valley is flat and swampy. The stream is wide and wanders along the left limit of valley. It has possible benches on the right side of the Valley although no washed gravels were found. Panned some of the gravels and had few concentrates show up in the pan and no gold. Did not find any ~~sign~~ old workings in Valley.

17 JULY
JUILLET

Hiked along the ridge on the right side of the valley that I was in yesterday. Found no major outcrop slope is covered with dense willow and poplar there are numerous spruce. Hiking is difficult and because of the undergrowth locating outcrop is difficult. returning to camp.

18 JULY
JUILLET

in town

JULY
JUILLET 23

JULY
JUILLET 24

went to discovery pup. A trib near the mouth of Kirkman creek. A trench has been placed across the creek at this point. Trench is full of water so can not describe the different layers of the creek to bed rock. the creek has a lot of mica in it. testing with a pan showed very little concentrates and no gold

25 JULY
JUILLET

~~6th~~ went along ridge from the headwaters of Discovery Pup down the north ridge of Blueberry creek. The higher slopes have hardly no growth on them. Most of the trees are in the drainages. The out crop here is mostly quartz. I found no out crop that was interesting enough to sample.

26 JULY
JUILLET

Packed up camp. and moved back to Ballarat. took samples in for shipment. they are to go in on the 28th.

JULY
JUILLET 27

Spent the day going over notes and getting samples ready.

JULY
JUILLET 28

Spent the day hiking the ridge between Kirkman creek and No name creek, saw a lot of smoke in the valley so went back to camp.

29 JULY
JUILLET

spent most of the day testing trials of Ballarat Valley with rocker box as the panning that was done showed poor results. The concentrates showed Black sand, garnets, hematite and no gold was found.

30 JULY
JUILLET

Went back to Kirkman creek to check the head waters of the left fork. There is a good deal of outcrop on the right side of the valley. Outcrop has a fair amount of quartz in it. I found no old workings this high although I can see signs of an old line along the creek. Tried panning some of the gravels - had very few ~~concentrates~~ concentrates and I found no gold.

Plan on spending a few days on Thistle Mountain. it is cold and starting to snow. I do wish that there were more trees this high up. Outcrop here on the east flank. tends to run east to west. There is a good deal of Quartz in the outcrop. I am ~~am~~ surprised at the number of large garnets in the out crop in places. On the west slope leading up to the repeater tower I note a lot of ~~large~~ quartz pebbles scattered around the outcrop. a few of the samples taken show minor sulphide mineralisation.

2 AUGUST
AOUT

To day I am following the outcrop along a ridge that follows the left side of Ballarat Valley. There are a number of Quartz veins and veinlets. most are almost vertical and have no apparent mineralisation present. I will take a few samples to make sure. the host rock appears to be a fine grained Black mica quartz schist. The largest Vein is $10\frac{3}{4}$ " in width and 41" in length.

3 AUGUST
AOUT

To day I am going to check out a few of the right limit tribs. of the Yukon river between Ballarat and Kirkman creeks. Going is slow because I don't know the river that well and the water is shallow at the mouths of the creeks as far as I can tell. the first one is $2\frac{1}{2}$ miles ~~below~~ down stream and is a steep narrow valley. It has been raining the last few days and there is a good flow of water coming down for the small size of this valley. The valley is well treed and has what appears to be a bench on ~~the~~ the left {south's} side of it. I can find ~~&~~ no sign of washed gravels on it. Panning of the gravels at the mouth of this creek show few black sands and garnets with no gold.

AUGUST 4
AOUT

moved camp today and started down river again. There is another small valley just a $\frac{1}{4}$ mile down from camp one. not a large enough creek to waist time with can see a lot of micca in the water. Hiking a round the valley I can find no sign of old workings. It is getting late so will go farther down river to find a place to camp for the night.

AUGUST 5
AOUT

Camped at the mouth of what I beleived was a nother small valley. There is no fog this morning and I am glad to learn that this valley is bigger than I thought it was. Hiked up the valley and am staying on the south side. I found what I beleive to be cut trees they are old and rotten so it is hard to tell for sure. Looking around I can not find any shafts or old workings on this side. Will check out the other side after lunch on the way out. Did not find any old workings. Panning in the creek I got a few heavys with minor garnets and what looks like small peaces of a blueish hematite.

6 AUGUST
AOUT

Left the boat at the mouth of no name creek and hiked up stream and followed the road back to camp on Ballarat creek. Weather is wet and cool so did not stop to check out crop on the way down. Am wondering how silt sampling would work on the creeks that I just looked at. And am wishing that the weather was better so I could spend some time on the other side of the river.

7 AUGUST
AOUT

Spent part of today fixing the rocker box for a trip to a left limit trib. of Ballarat creek. A previous trip to this creek I noted shafts below a feeder creek on the left limit (south side). I also found an old steam point. Today I am planning to hike up the feeder creek which is approx. 2 1/2 miles up from the point where it enters Ballarat creek. The valley is steep and narrow and about 2 miles long. The stream bed consists of ~~course~~ coarse gravel and sand. There are a few quartz pebbles scattered through it, panning the samples collected with the rocker box gave Black sand, a few garnets and only two very small coulers. The results are poor and do not indicate that there is no gold in mineable amounts present, as I was not on Bed rock.

AUGUST 8
AOUT

Took boat down to mouth of No name creek to pick up boat lett earlyer. On the way back up stream stoped and panned at a couple of islands in the river the results were poor and I can make no judgement on placer gold in the Yukon River its self.

AUGUST 9
AOUT

Went to north ridge of Blue berry creek to look for the source of the Galena that was found in some quartz float erlyer. The task is difficult as the slop is vary steep here. Out crop is hard to locate as the top of the ridge is choked with Buck brush. The out crop that I am able to find is almost void of quartz and braking it apart was a waist of time as I was unable to find any of the large peaces of Galena that was presant in the float.

10 AUGUST
AOUT

Spent to day back on Thistle Mountain, checking out crop found a small amount of pink {rose} quartz it is incased in white bull quartz taking a grid did not indicate if any more was present. Spent some time chipping away at what looks like a quartz mica schist. In this I found a lot of red stain Pyrite and quite a few garnets. Sample # 11160

11 AUGUST
AOUT

To day I am heading back over to Blue Berry creek to check the out crop noticed around the pingo. I am surprised at the amount and size of the quartz boulders in the creek. There are a number of almost snow white to brownish white chunks of limestone present at this point, (at the pingo). Digging with a pick in the side of the pingo slope I found more large quartz rocks but no more of the lime.

hiking up a small trib. of Blueberry creek approx 1 mile bellow the area looked at yesterday. This valley is small and very steep. Panning in the creek showed no heavys and no gold as digging with pick is ineffectiye in soupy ground. Looking around this valley I didn't find any sign of old workings. although I did see an old cabin a little way up stream on the main creek, there is an old rocker box on an island between the old chanal and the new one.

Left camp set up and hiked over the ridge and into Lulu Gulch. For a valley that isnt all that wide it is amazing the amount of water that is in this creek. crossed the creek just up stream of Post #1 of a lapsed Placer lease. tried panning found no heavys and no gold was found. Continued up stream and back over the ridge to camp on Blueberry Creek. The only out crop noticed was high on the ridgen

14 AUGUST
AOUT

Today moved camp to the ridge between the head waters of Thistle creek and Agate cre hiking along the road put in this year over to Martin Gulch. I found little out crop in most areas checked didn't make it to the end of the road today as of a late start after moving camp took a lot of the day.

15 AUGUST
AOUT

hiking the East slope of Agate creek I saw little out crop as the brush is fairly thick and going is slow. crossed over to the west side {left} and found a large area that has been cleared by what appears to have been a D8 cat. can see no signs of drill holes or shafts being put down. Believe it must have been assessment work done in the last few years. Need to move camp back to Ballarat to pick up more supplies and pick up a rifle as camp has been gone through by a bear.

AUGUST
AOUT 16

Plan on spending the next three or four days panning creek gravels up stream of Ballarat Cr. along the Yukon River as far as the creek that enters the Right limit of the Yukon river at $138^{\circ} 35' E - 62^{\circ} 50' N$. the first day ~~we~~ out I made it as far as a small unnamed trib. that enters just on the up stream side of a long narrow island. Set up camp on the island. I ~~am~~ am hoping that the bears are still high on the ridges eating berries - I really dont need anymore bears in camp. As I think they eat too much even my soap. {strange diets they have?}

AUGUST
AOUT 17

No bear trouble last night all is well. This small trib. has alot of mica in the water and is very narrow. While digging for a sample to pan I found a few small garnets and a lot of quartz pebbles. was unable to see any old shafts along the creek. And did not find any ~~cut~~ ~~cut~~ cut trees in this valley as in the one down stream on an erlyer trip. No gold was found.

18 AUGUST
AOUT

to day made it as far as Pedalar creek. Made camp at the mouth, hiking up stream I came across a shaft panning in the stocked gravel I found black heavys, garnets and one very small colour. I believe this creek has been staked ~~many~~ a number of times by the well cut base line on it. I believe it deserves further investigation.

19 AUGUST
AOUT

Made camp at the right limit unnamed trib. of the Yukon river located at approx 2 1/2 to 3 miles up stream of the mouth of Pedalar creek. This is a small steep walled valley approx 2 miles long I saw no signs of workings on this ck. panning showed a few very small peaces of hematite and one colour. I almost missed it as it was that small. the stream bed has a few rocks and fine gravel at this point and a couple quartz rocks. I didn't notice any out crop on the ridges as the trees still have most of the leats still on them.

Well made it to the creek that I set out to work my way up to. It is the first large creek up stream of Pedalar on the right limit of the Yukon River. From the water it is vary miss leading as to the size of this creek. As the Valley is narrow and a few hundred ft. up stream it makes a slite northerly turn- so you cannot see the size of ~~it~~. The creek has one of the most defined and open mouths of most along the river that I have seen. Just upstream there is a long well treed levy that

~~AUGUST~~
~~21~~

tapers into a very steep slope. ~~It~~ Having waited most of the summer to get to this creek I find it very dissapointing not to even find one colour in the pans taken at the mouth of this creek. Dont have time to look around as much as I would like as I have to start down stream. to get mail ready for my partner to take out on the 23rd. Will need to spend time in this valley next-year. I Beloeve that it has ~~promiss~~-promiss.