FILE # 93-021

PROSPECTING REPORT OF MONTANA CR AND LOWER R L KLONDIKE R

MONTANA CR CLAIMS — MAP # 115-O-11 — LONG 139°00 139°15' — LAT 63°45 63°30'

P 38992-39024
P 39356-39368
P 39439

LEASES

PL 9143
PL 9158
PL 9262
PL 9285
PL 8551
PL 8686

KLONDIKE R (RL) CLAIMS — MAP # 116 B-3b — LONG 139°15 139°20 — LAT 64°025' 64°025'

P 39292-3

WORK DONE BETWEEN APRIL 1/93 - OCT 31/93

AUTHOR
TOM MORGAN

Table of Contents

Claims + Leases Staked in 93 Season

PL 9143	3 Mile	April 19	Montana Cr
P38992-39024	Steely 1-33	May 7	Montana Cr
PL 9158	2 Mile	May 14	Montana Cr
P39292-93	WiseGuy 1+2	Aug 14	R L Klodike R
P39356-68	Gray 1-13	Sept 18	1st Teir L L Montana Cr
PL 9262	4 Mile	Sept 19	1st Teir L L Montana Cr
PL 9285	1 Mile	Oct 5	2 Teir L L Montaiua Cr
P 39439-	1 Kanes 1st	Oct 7	Know Name Cr (Montana trib)

WORK LOCATION MAP

MINED AREAS

SHAFTS

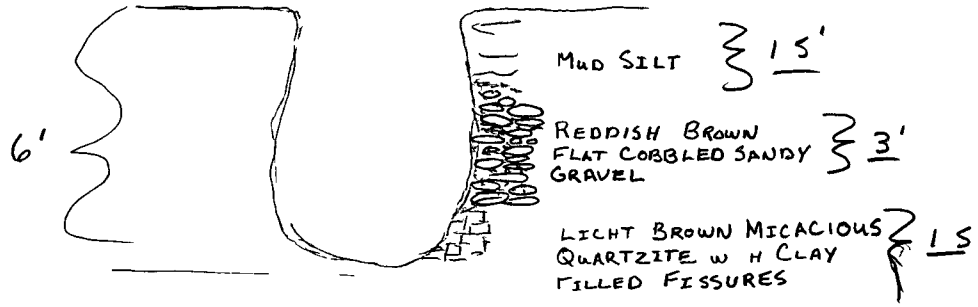
ROAD

CLAIM LINES

Shaft #	Total Depth	Bedrock Depth	Gravel Depth	Mud Depth	Sq Ft Bedrock Cleaned	Raw Au Grams/Ft²	Location UTM Easting	Location UTM Northing	Claim#/Lease# Located on
1	6'	45'	15 to 45	0 to 15'	10 Ft²	0 05	985	559	PL 8551
2	6'	5'	1 5 to 5'	0 to 1 5	10 Ft²	0 025	985	557	PL 8551
3	5'	4'	1' to 4'	0 to 1'	10 Ft²	TRACL	985	558	PL 8551
4	8'	7'	4' to 7'	0 to 4	10 Ft²	0 2	982	556	PL 8551
5	7'	65'	4' t 65'	0 to 4'	40 Ft²	0 1025	984	559	PL 8686
6	5'	45'	05' to 45'	0 t 05'	4 Ft²	0 0625	952	516	PL 8686
7	4'	4'	0 5 to 4'	0 to 05'	4 Ft²	0 125	977	550	PL 8686
8	13'	13'	45 to 13'	0 to 45'	—	—	977	558	PL 9285
9	21'	20	13 5 to 20'	0 to 135'			981	557	P-39360

Shaft Cross Sections

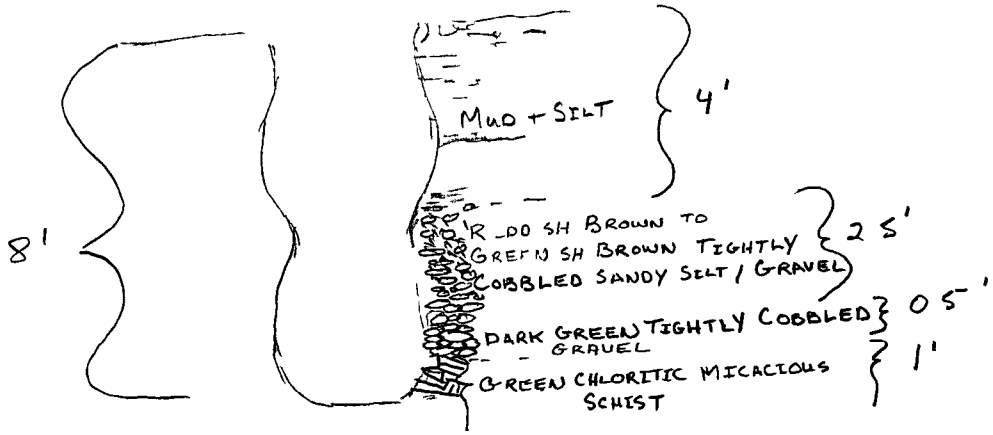
#1



#2

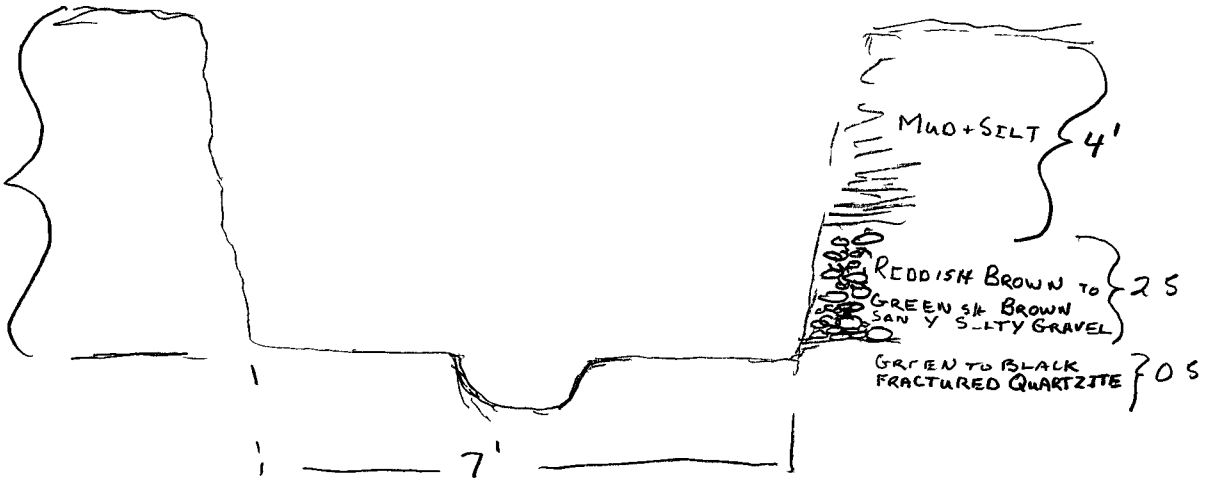
#3

#4



Shaft Cross Sections

#5



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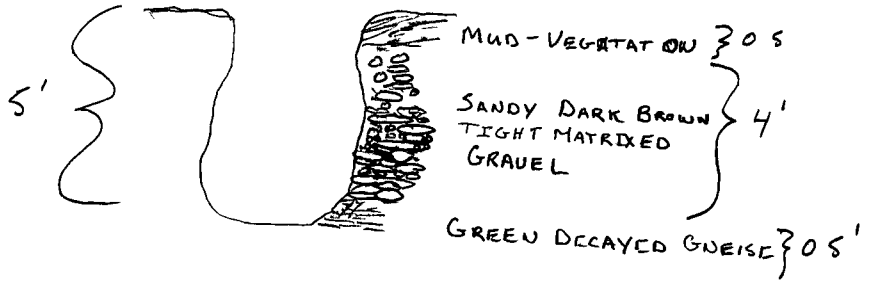

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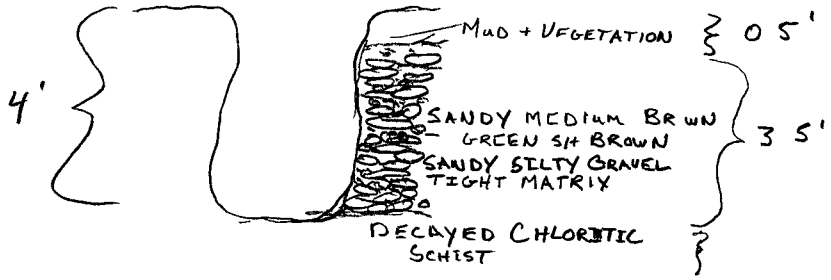
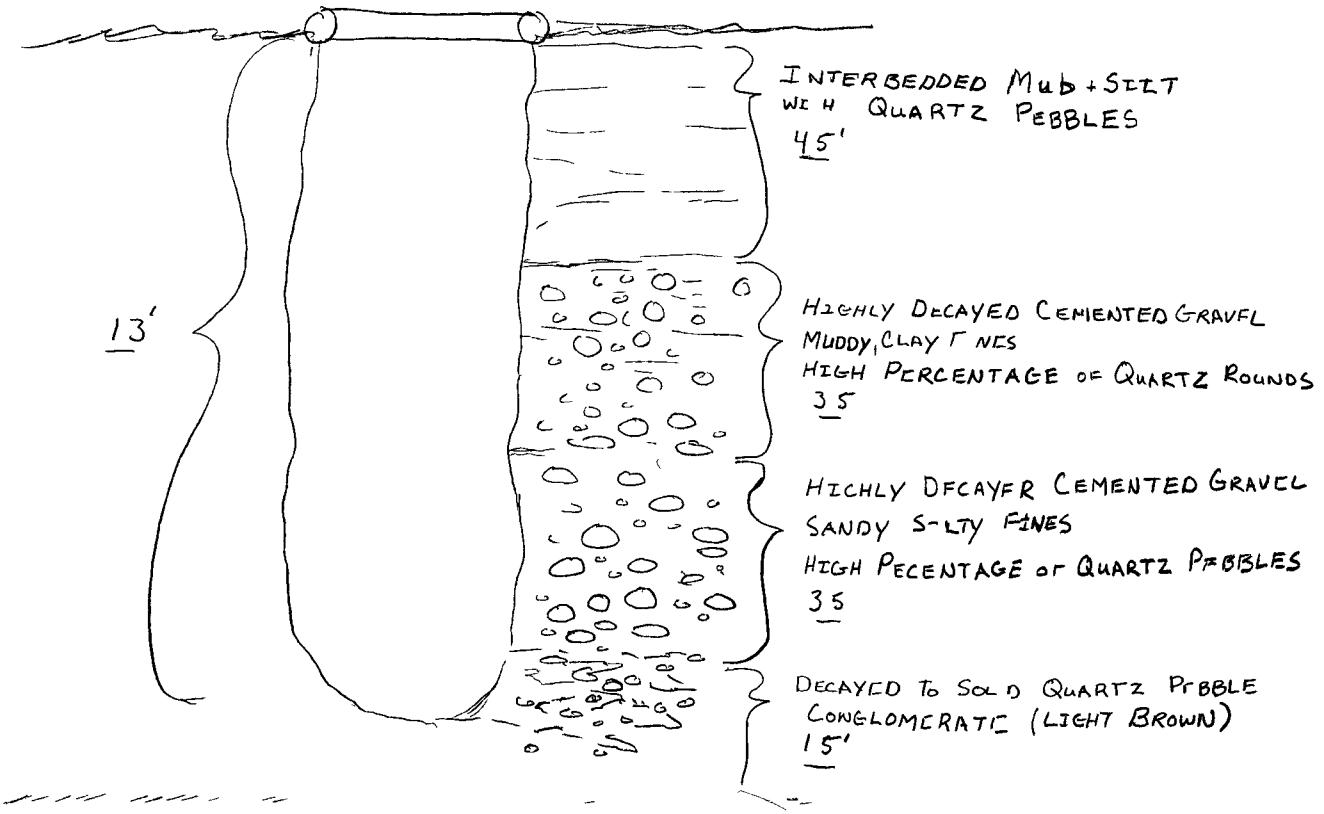


Shaft Cross Sections

#8



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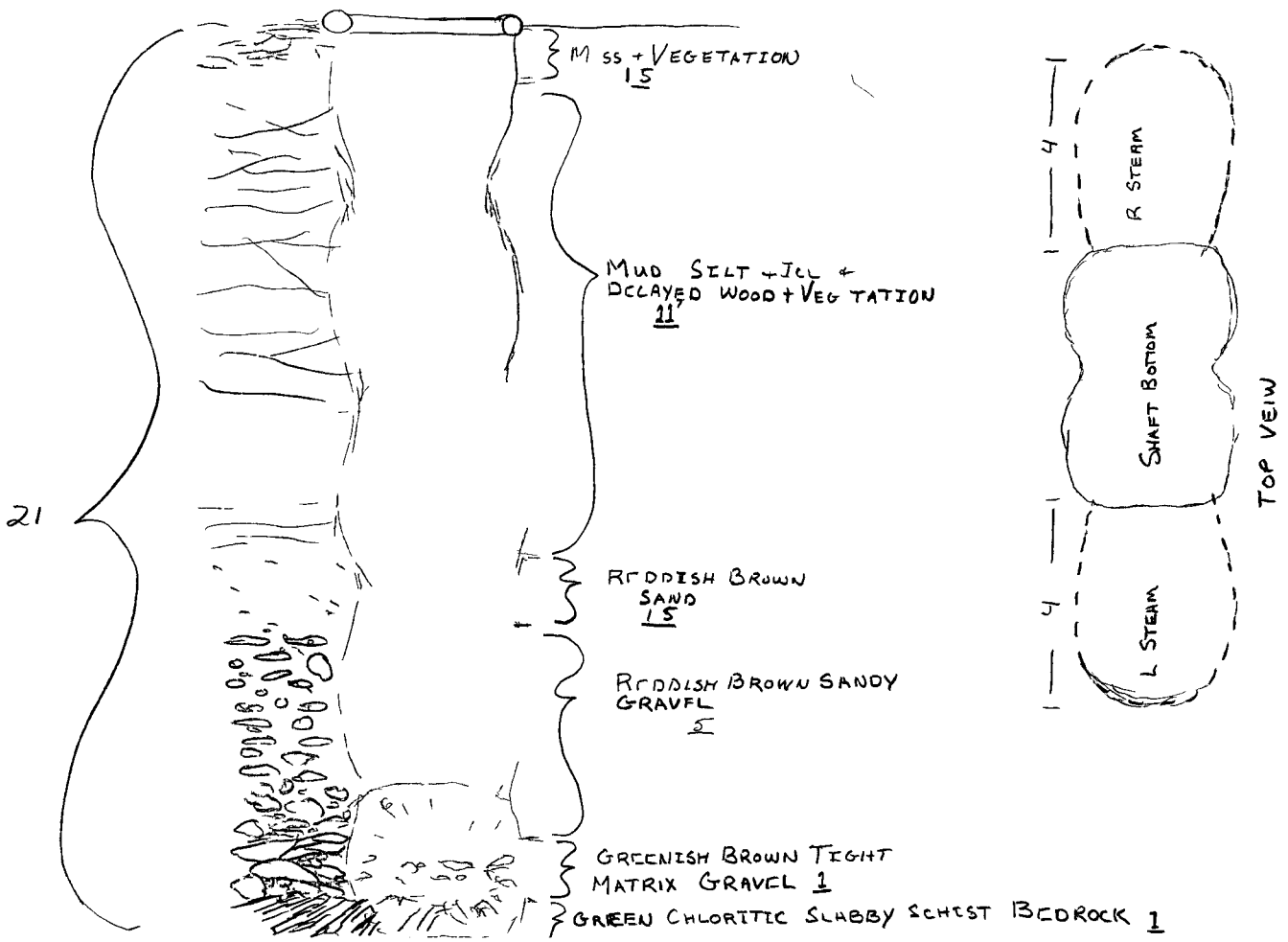

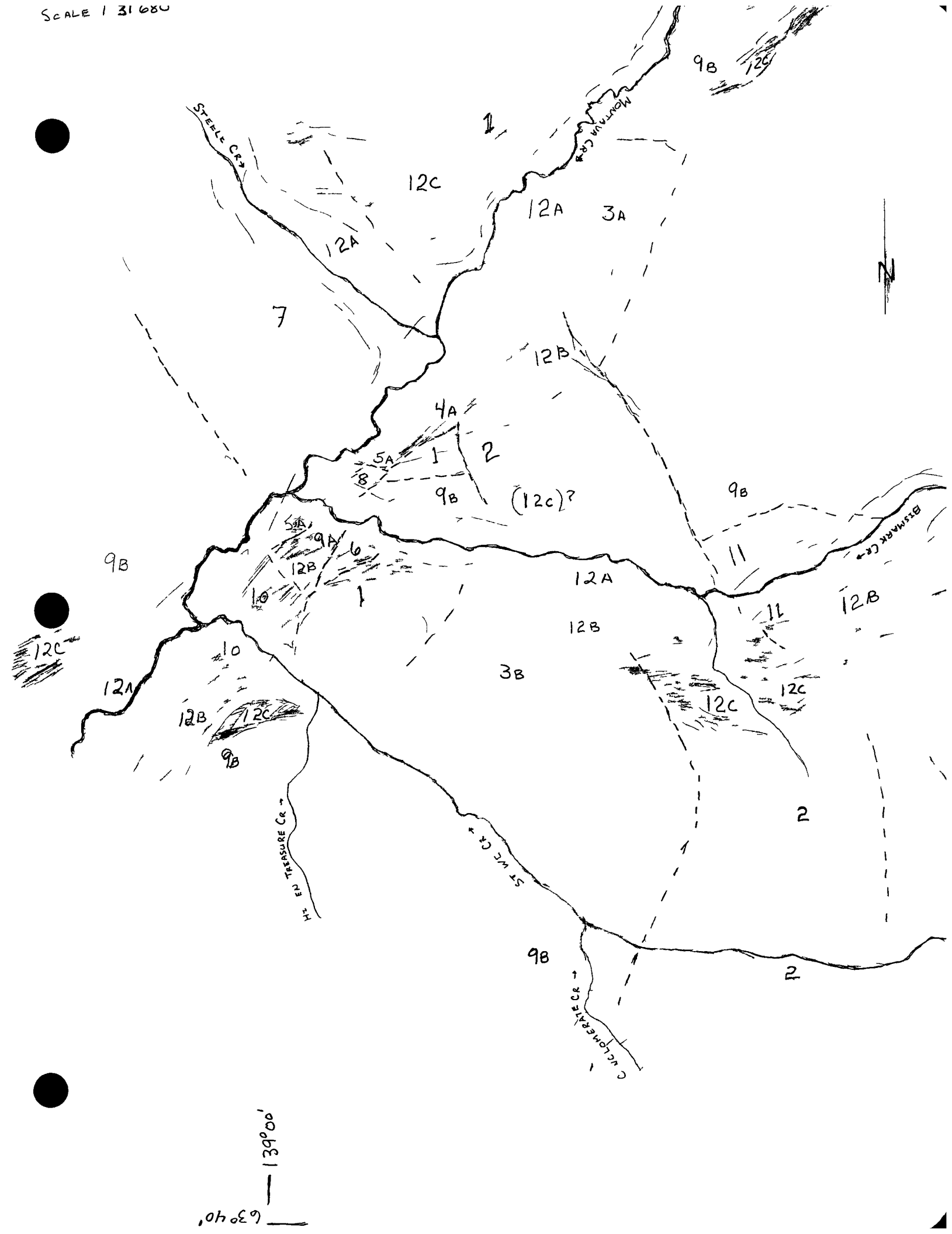
SCALE 1 31 680
STEELE CR
MOUNTAIN CR
BISMARK CR
HI EN TREASURE CR
ST WE CR
C UCLOME RATE CR
9B
12C
1
12C
12A
3A
12A
7
12B
4A
5A
8
1
2
9B
(12c)?
9B
5A
9A
6
12B
10
1
9B
12A
11
12B
12B
12C
10
12A
3B
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12C
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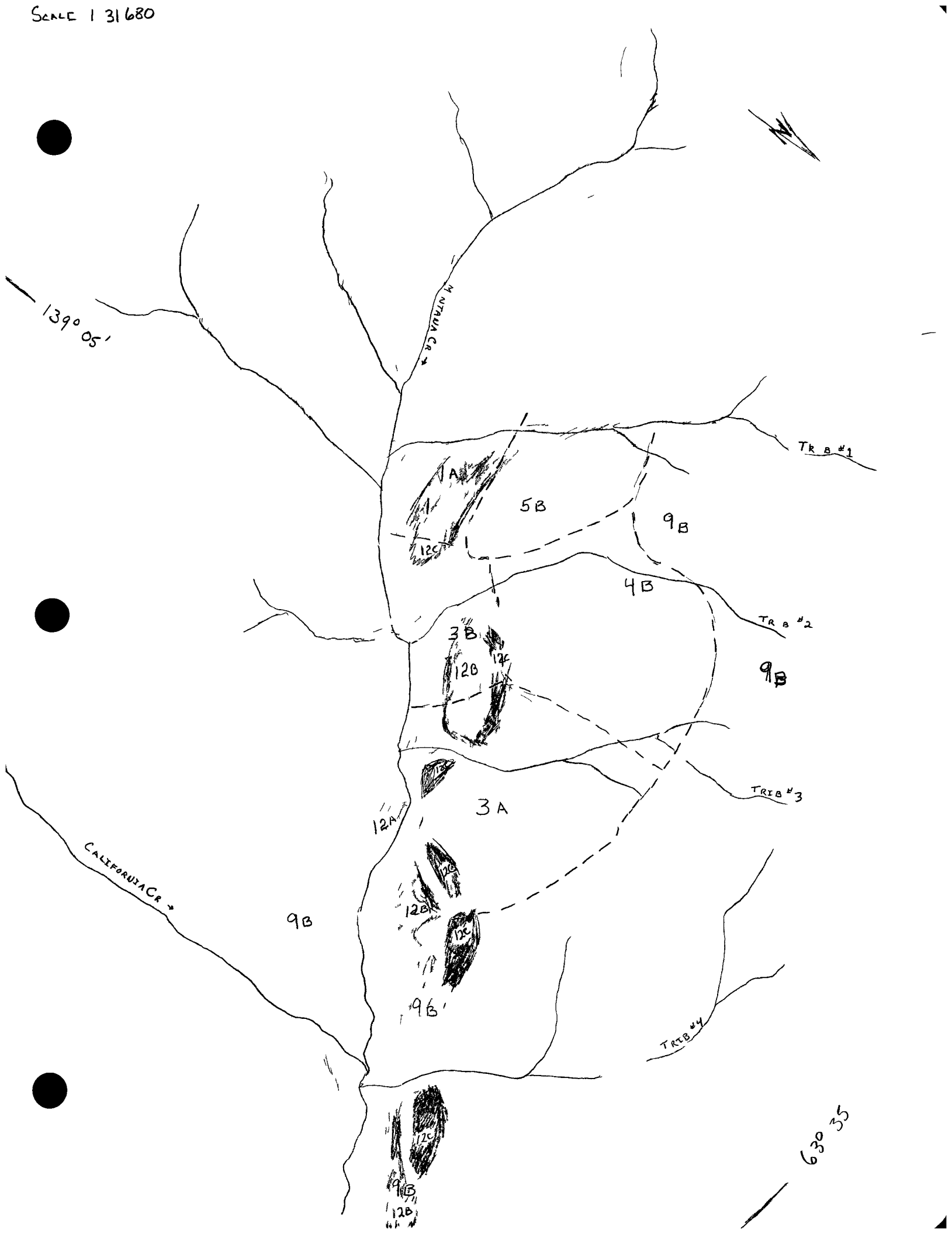
9B
2
9B
2
N
1390.00'
630.40'


SCALE 1 31680
139° 05'
N MIAMA CR
TR B #1
TR B #2
TRIB #3
TRIB #4
CALIFORNIA CR
1A
5B
9B
12C
4B
3B
12B
3A
12A
9B
630 35

Summary & Conclusions

I covered the ground between Bismark Gr and the headwaters of Montana Cr following a dry channel taking note of where this channel was cut along the left limit side of Montana Cr. The small tribs that cut this bench on #2 and #3 had favorable bedrock topography for catching heavy consentrate in the interbedded schist-phyllite. It was dipping aprox 35° to the erosional direction of the valley. These interbedded layers erode in a way that replecates a sluice box riffle section quite closely. The valley system along this side down-cuts deeply into the Bismark Cr Montana Cr ridge. The down-cutting has created around a 35°-40° slope along the left limit side of tribs #2 + #3, from where they enter Montana Cr benches pay a mile of their length. There is a conglomerate channel that appears to be from the 2000' to 2500' level. Where this channel is cut there is an enrichment in the placer channels which are desendants of it. This unit 2 can be traced over to Mackenson Cr from the upper end of Montana Cr. Some of the high level benches I'm locating are, I feel, uncemented sections of this conglomerate unit. Thick sections of mud & silt border the downcut sections of this old channel. They are visible on Stowe Cr Bismark Cr and Montana Cr where the old channel has been cut by the present creek system. The enrichment of the present Montana Cr bench (low level) can be seen below where this channel 12c and or Un+2 has been cut. This can be seen in shafts 4 and 9.

The Klondeke benches cut out at Wood Gulch. They lene up Hunker Cr, but as of now no values have been intersected yet.

KEY TO MAPPED AREAS

LIMESTONE		1
	(BRECCIATED)	1A
CONGLOMERATE		
{QUARTZ PEBBLE}		2
SCHIST		
CHLORITE-GRAPHITE		3A
MICA		3B
SCHIST-PHYLLITE		
{INTERBEDDED}	(A)	4A
	(B)	4B
QUARTZITE		
GRAPHITIC	A	5A
CHLORITIC	B	5B
SCHIST-QUARTZITE		6
{INTERBEDDED}		
SLATE SANDSTONE		7
ANTHRACITE CONGLOMERATE		
MARBLE		8
GNEISS		
LARGE GRAINED GRANITIC		9A
SMALL GRAINED MICA		9B
{MUSCOVITE BIOTITE CHLORITE}		

GRANITE WITH MINOR QUARTZ VEINING 10

RYOLITIC TUFF ? 11

CREEK CHANNELS 12A

MID LEVEL BENCH CHANNELS 12B

HIGH LEVEL BENCH CHANNELS 12C

PROPOSED CONTACT ZONES ------

April 16 – Oct 24

1	94 @ 52 85		4967 90
2	Trans Truck	3140 km @ 36 5	$1146.10
3	Vern Matkovich	20 days @ $150 00	3000 00
4	Equipment Rental		
	– Passe' – Partout	$800/m x 3m	2400 00
	Steamer	400/m x 2	400 00
	Power Saw	300/m x 3m	900 00
	Gen Set	400/mon x 3mn	1200 00
	Pump & Test Set at	150/wk x 2wk	300 00
	Truck Rental :	2 wks x $500/wk	1000 00
		Total Expenses	15,314 00
		Agreement	10,000
		Less. Advance	2,500
		Total Reimbursable	7,500

April 16
Ran around getting things together to head out of town (Dawson City).

April 17
Headed out to Montana Cr. Vern Matkovich had gone out the week before and opened the road from the summit down into Montana Cr. with the D-7 we'd left on top the winter-fall past. The road was passable from town to the creek and over to the skid shack, as the glacier in Montana Cr. & the swampy flats were still frozen fairly hard. Unloaded, organized and decided to head up and get the upper end of Montana Cr. staked up.

April 18
Got my knapsack all packed up and trudged up the creek. The snow was around 1' deep at the lower end around camp. As I walked further up the valley, it became progressively deeper. At Left Fork of Montana Cr. it was around 2½', at which point I sure wished I'd had snow shoes. I broke the trail up to California Cr. which was the start of the lease I was to stake. At this point I realized I wasn't going to get the job done before

dark, so I headed back to Left Fork where we had a camp set-up from the fall before. The tent had been ripped up a bit by some bear on the pole it was hung over. Manage to patch it together enough to hold some heat in (the barrel stove still worked good) and get some sleep.

April 19

3 .. Trudged back up to Coleford Cr. and started staking. By the time I got to the upper end I was plowing through 3'+ of snow. The only saving grace was that the trees were sparse, to make for easy line cutting. Was very close to the pt. of not being possible without snowshoes. I noticed on the way that the hillsides that were South facing were bare of snow in some places. This is where I headed as soon as I'd finished. I noticed along these hillsides just up from the Montana Cr. snow bound flats lots of good looking schists. These were highly micaceous to chloritic

along the hillside of trib #2 + trib #3
Made it back to Left Fork and got
a fire going at dark. Glad to have
camp set up as I was soaked and
chilled.

April 20

4 Packed up camp and down the
creek I headed. Figured on a few
spots to shaft between where Charlie B.
and I had proved up and where
Reid + I had done some hand sluicing.
~~Both~~ Both these spots had favorable
mining grade material.

April 21

Went back to Dawson to record
lease and pick up more stuff for
camp and work, along with Passé-Partout

April 22

5 Finished loading up, fueling up +
headed back to the creek.

April 23

6 Set up steaming gear on site #1 hauled
water, cut wood, cleared snow and
squared out site.

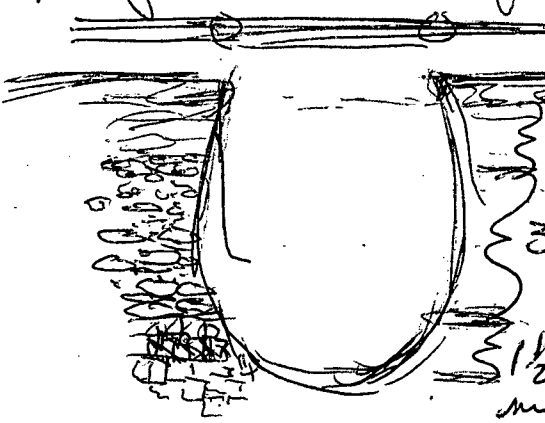
April 24

7 Fired things up and got the points
down within an hour and half. The
steam started around 5½ hrs.
Drained the hose + pts. and covered

the hole over for the night..

April 25

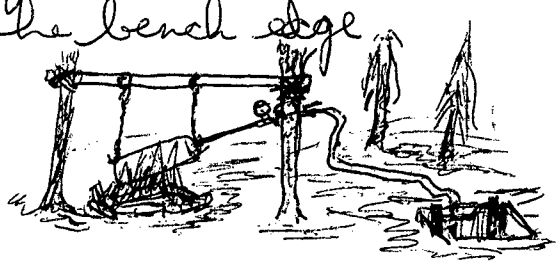
8 Dug out the thaw and piled what I figured was pay on a sheet of plastic.



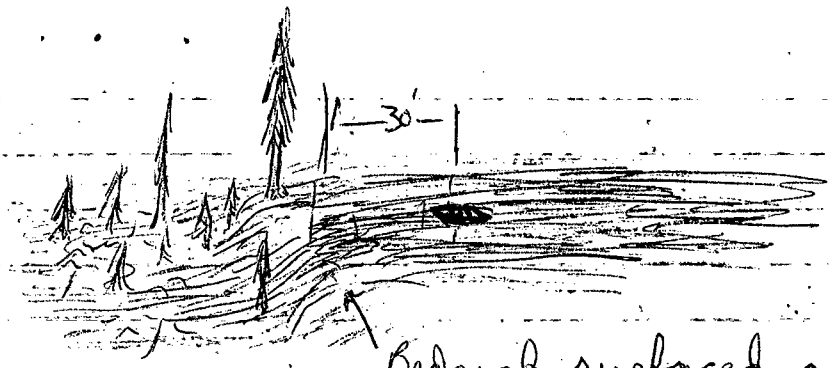
I took 3 pans and got 3 colors on one ~~and~~, only one flyspit in the other ~~tooth~~ the same in the last.

9 April 26

I moved the steamer up the bench edge and set up around 300' from hole #1. The spot I picked was along a bedrock high in around 30' in from where it surfaced on the bench edge.



steam set up with tank hanging over fire and points in hole



Bedrock surfaced along this edge. Had panned here before and got 4 small colors in a pan.

10

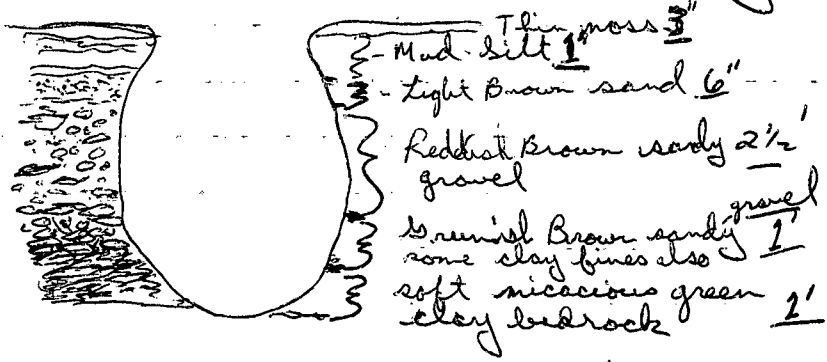
April 27

Fired up the steamer, fixed a section of leaky hose, but still managed to get the points down in around 2 hrs. Seems to be a little tighter matrix of gravel. Took close to 6 hrs. to finish the steam. Drained the hose, covered the hole and off till morning.

11

April 28

Dug out things down to 6'. This material seems to thaw well.

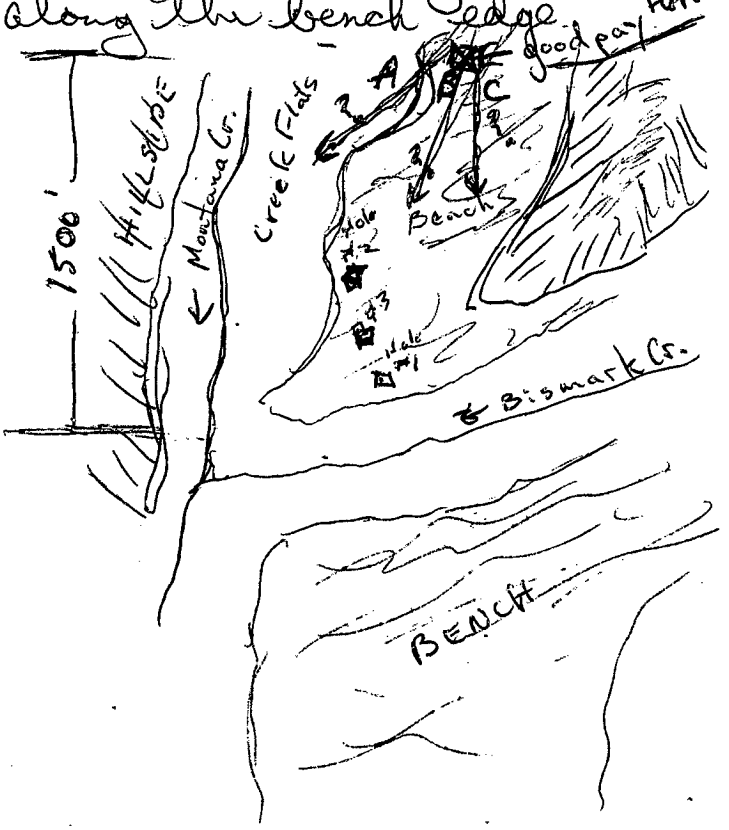


Panned a pan of greenish gravel, one of the contact and one of the clay bedrock.

On the first pan got 2 color 1 flyshit in the second got 4 color and 1 flyshit & in the last got nothing. I piled the contact material and the greenish gravel on some plastic to sluice later.

12 April 29

Decided to move inbetween these two #1 + #2 shallow holes to see if pay streak might pass between them. (B) I figure if its not there then it should pass further up into bench (C) or exits out into the valley (A) further upstream along the bench edge.



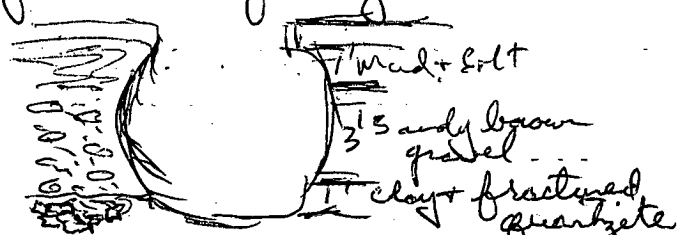
Set everything set up for a morning start

13 April 30

Fired things up and put points down within a hour. Material is fairly loose as points went down so easily. Steam lasted under 5 hrs. There was not much holding back the steam.

14 May 1

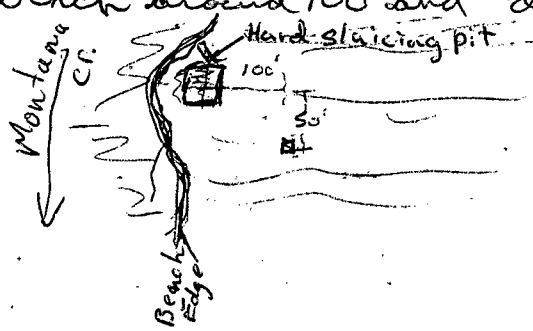
This hole #3 was almost the same as hole #1 in gravel & bedrock looks. (light brown fractured quartzite & around 3' of reddish broken sandy gravel). Got skunked in 2 out of 3 pans, the 3rd one had only a small speck in it. The consentrates were fine & not much of them. The total depth was around 4½' + ½' of Moss, vegetation = 5' Bedrock had a ~~little~~ more clay content with actual zones of clay interbedded with the fractured quartzite.



This material / bedrock not conducive to sluice box configeuration & consentration & placer action minimal I surmise.

15 May 2

Decided to go up beside area where Reid and I had gotten good values in our hand sluicing. If I could get some width on the pay zone then maybe it would show some direction of it. Moved into bench around 100' and downstream around 50'. I



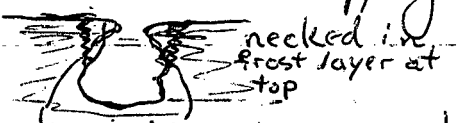
Moved all the steam gear over and started setting up.

16. May 3

Finished setting up, cutting wood and hauling water from Bismark Cr. Fired up and got the points started. Held them back to 2' feet for one hour and then let them go down to 4' after that. Will be at least 4' of mud although right at the end (4') I could feel some gravel. ~~at the end~~ The tank bubbled off in around 4½ hrs. I covered it over to help the tops thaw and called it a day.

17 May 4

Went back and bailed out the top 1½' of shaft before I had to start chopping the top to widen it with a bar & an axe.



Slopped out the rest of the oozy mud & a few rounded cobbles from the bottom (4½ level).

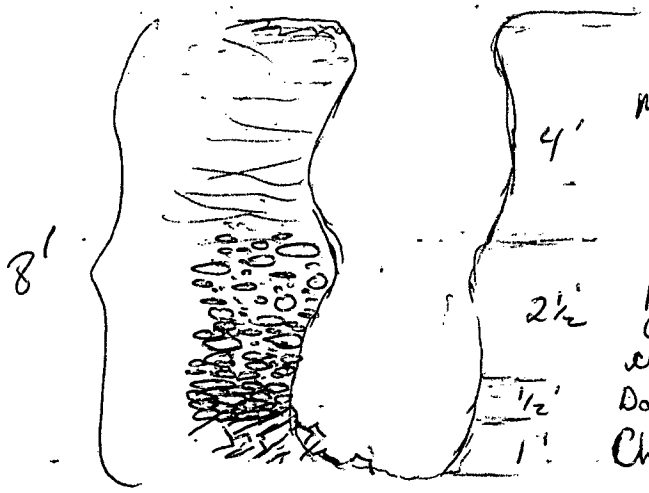
May 5 18

Bat the points down around 2½"+ on one, and 3' on the other after constant hammering for almost the entire steam, which was close to 5½ hrs. One pt. started leaking at the weld and the other was leaking at the hose going into it. The hard hammering on the points to drive them in shows the weak spots quickly.

May 6 19

Dug out the tightly interlocked gravels. The last 6" of greenish-black cobbles had to be picked. After that there was a green chloritic, muscovite schist with some quartz stringers. This panned ~~5~~ 6 colors in the top 6" + 25 + 35 along the contact. I piled the bottom II on the side on plastic. The ft.² of bedrock

cleaned was around 4' x 2½' = 10ft.²

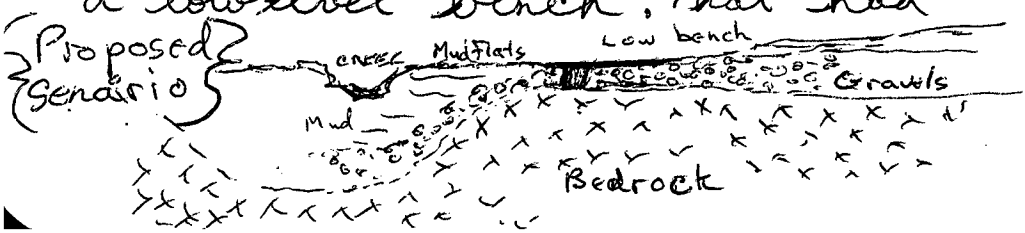


May 7

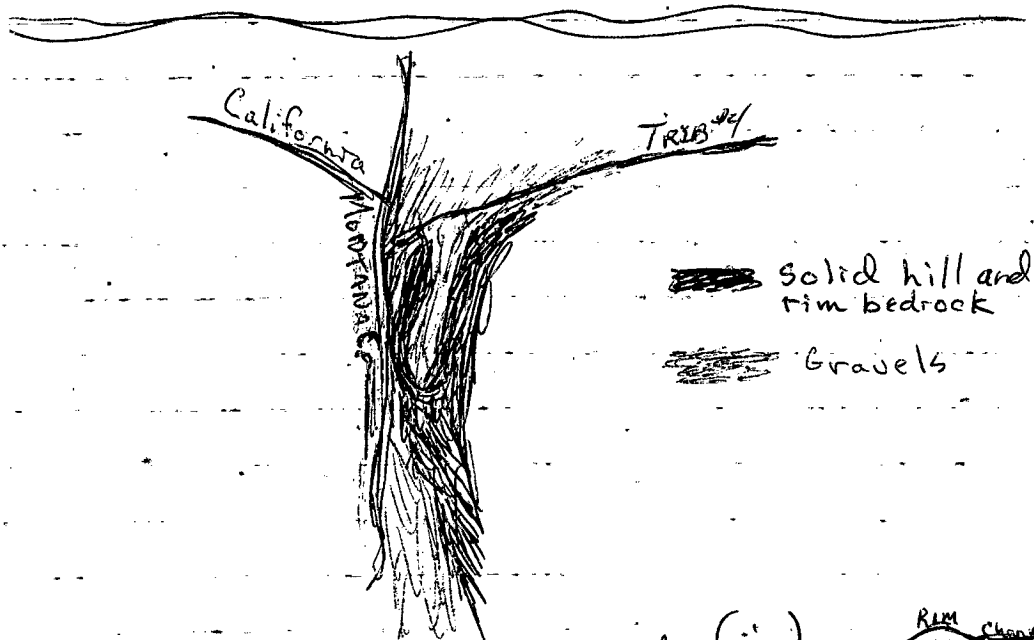
20 Broke up 33 claims of PL 8551 using Passé-Partout to haul posts inbetween good cutting spots while tossing a set out every 500'. I finished close to dark and camped at Left Fork.

May 8

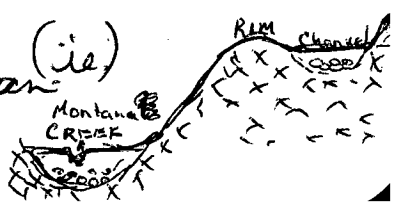
01 Went and checked a shallow thin massed flat across from the mouth of Left Fork of Montana Cr. This flat was coming in on level with the Montana Cr. flats (creek swamp, nigger-heads). It turned into a low level bench, that had



gravel starting under 3" of moss. Dug down 2½' before hitting frost. From there I climbed up onto the L.L. sidehill and followed it over to trib #4 Checked the outcrop as I went which was a gneiss with a high percentage of biotite in it. There was a high level saddle which ran the length of 500m from trib #4 downstream around 200' above the present creek flats. It was around 500' wide



The rim was higher than (ie) the upper channel flats.



Rounded pebbles were found on some of the bluff mud coming off the end of it. (downstream). Made my way back down ~~with it~~ to Left Fork

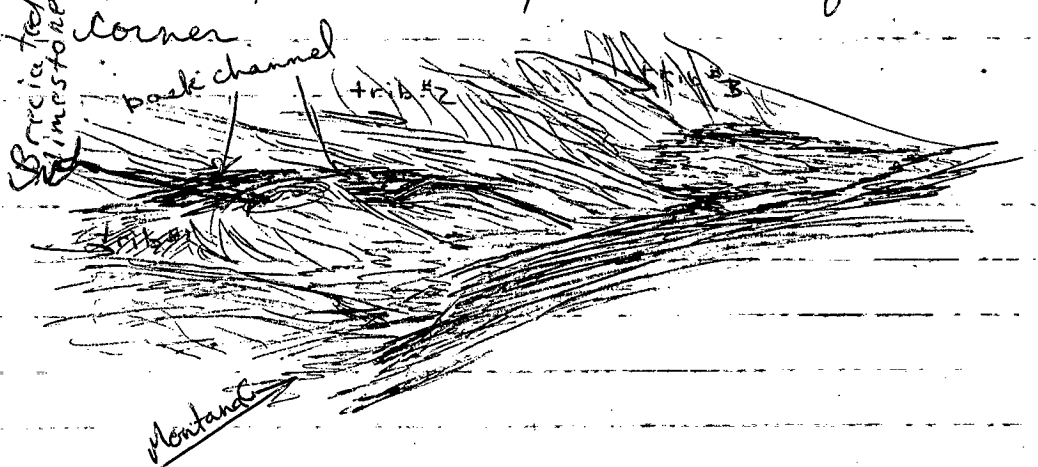
22 May 9

Walked up the left limit Montana Cr. sidehill between trib #4 and trib. #3 I was at the same level as yesterday when I was following the saddled, L.L., bench downstream from trib. #4

There appeared to be three remnants of this back high channel. They all had rim islands between them and the present Montana Cr. Wherever they bluffed down into the lower valleys thick mud layers were apparent. In these mud bluffs the odd rounded pebble could be found. Tryed digging in some of these back saddles but they were all frozen within a foot or so under thick moss, nigger heads + stunted spruce. (Trib #4)

23 May 10

Going up between trib. #3 and #2 on the big flats the high channel looks tucked under the bank and thick mud. Up past trib. #2 the high channel looks as if it swings over Montana Cr. & then in behind the Montana Cr., trib. #1 left limit corner



On the corner (choland) rim of #1 trib. and Montana Cr. there was a good size body of brecciated limestone.

24 May 11

Made my way back down the creek to camp from Left Fork Montana. Packed what was needed and headed to town.

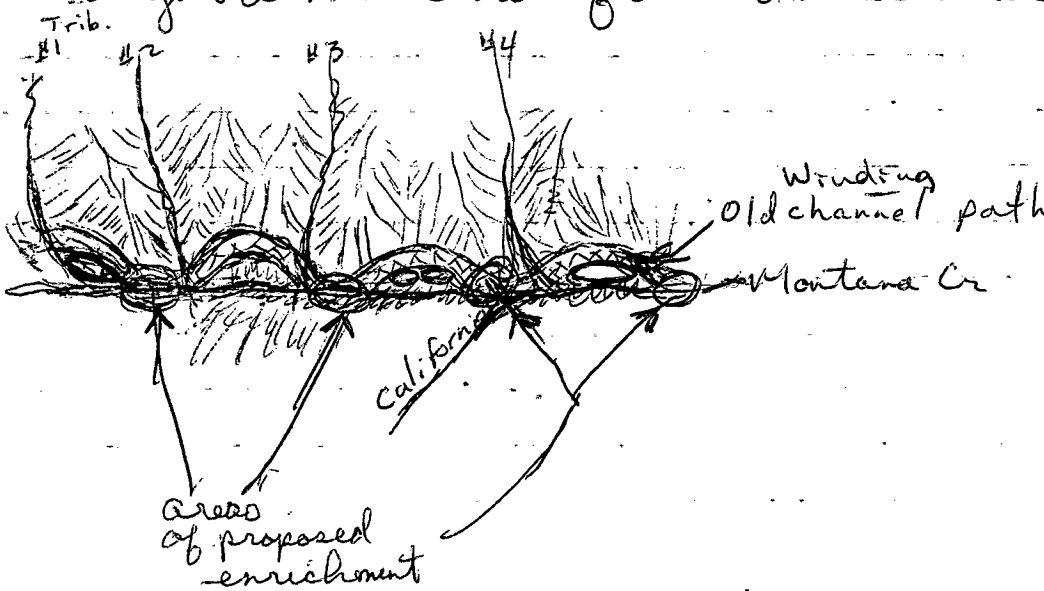
May 12.
Recorded work and claims. Picked up some more grub and gear & fueled up.

May 13
25 Took off back to Montana Cr. Unloaded & Pasé-Portaged gear over to skid shack. Packed gear up to head up the creek again and stake the two miles of PL 8551 that wasn't staked to claims.

May 14
26 Up the creek I went with all the gear I figured on needing. Talon Cr. was a little wild on crossing but made it (lot of white water). Finished staking and cruised over to Left Fork camp. Had to pork and cross on a log to get across Montana Cr. Set up camp and got a fire going for a bite to eat and dry out.

May 15 27

Woke up to a dizzley gray day. Decided to head up and check trib #3 out where I saw the chloritic schist on the south facing sidehill. Drove up past California Cr. + trib. #4 till I hit a dense bush which would have taken some ~~time~~ time to get through or around. From here I cut up the sidehill off the flats. On the ridge that follows the left limit side of trib #3 down into Montana Cr. I managed to get a good view of the upstream and downstream topography. From where the remenants of the older bench were a snake like winding repetition could be made out. In this repetition the present Montana channel appeared to be cutting the right limit bends of this older channel.



These "areas of proposed enrichment" would be the spots to shaft. The area below where trib #3 enters Montana Cr. would be particularly interesting in that it cuts the old channel bordering where Montana cuts this old channel. This is all done on the upstream side to into the narrows ~~that~~ & has a good looking schist as its bedrock.

I kept going up trib #3. Found the same chloritic schist for around ~~3000~~ 3000' up. The sides were steep cut (multi-outcropped) where the little gulches weren't coming in. Made my way back down to those interesting narrows on Montana Cr. at the mouth of this trib. #3 Found a cabin and 2 shafts which looked like a fair bit of work had been ~~done~~ in them. Back to Left Fork to dry off and cook up something,

28 May 16

~~M~~Headed up to trib #2 and up into it. This is an extremely steep cut canyon creek. The canyon walls are up to 30' high in the lower section before it cuts out

into Montana C. influences (benches/Mud banks). This trib #2 cuts through schist, phylite strata (gray-blue, mica) which are around 35° dip towards the erosional direction of the trib.

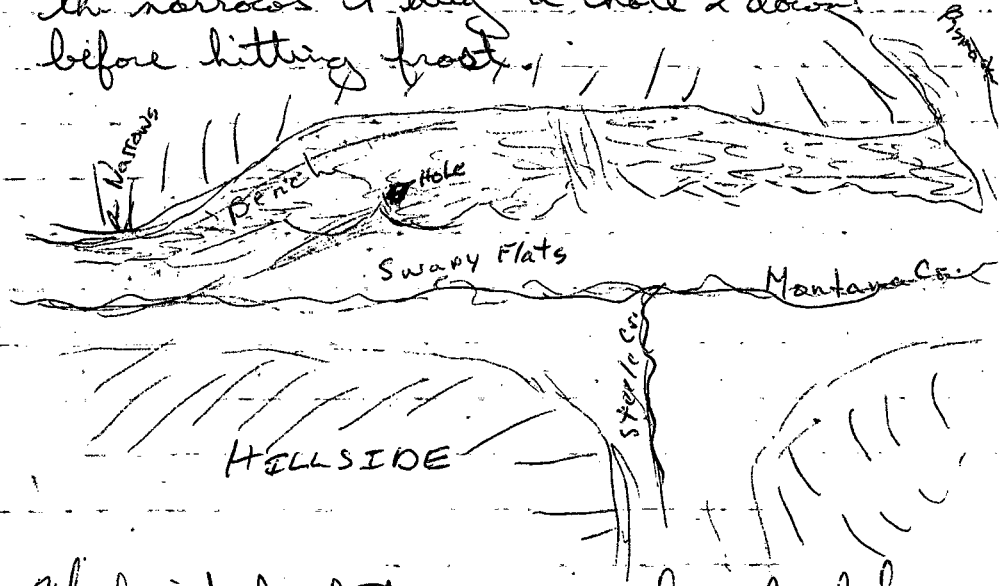
the layers strike almost due N-S, which puts them crossways to the West-East flow direction of the creek. These conditions with the riffle like structure that is produced when the interbedded schist-phylite strata decompose & erode makes this creek an interesting prospect. For a Km of length this deeply cut valley continued with this rock type. After this it opened up into a slight flat at the upper forks. For a small creek an amazing amount of water must have rushed through it to produce the steep valley walls and canyoned sections. Made my way back & stayed at Left Fork camp.

29 May 17

Made my way up to trib #1. ... Stopped at limestone outcrop. Couldn't find any mineralization in the brecciated zone or elsewhere along this outcrop. Dropped back into high channel which cuts behind outcrop and walked across its 1000' or so. Followed its left limit bank till it sluffed off into trib #1 then headed along left limit ridge of this trib. This trib. was not as deep cut as #2 and #3. It was cutting through a blocky green quartzite after the limestone on its lower end. Around 3/4 mile up the rock type turned to a green gneiss (biotite-chlorite-mica). Went down along the creek and found a fair amount of work done after it enters Montana Co. 3 shafts (visible). This also lines up with where the higher channel gets shut by the present Montana Co. It was also in a narrows. Headed back to Left Fork to camp. (Good spot for prospect shaft)

So May 18

Packed up and started down the creek. Stopped at hole I was digging on the 8th of May across from the mouth of Left Fork and scraped another foot out of it. Lots of heavys in the pan I took at this frost layer + (flyshit). Will come back later. Continued down to where the valley swung hard into the left limit of Montana Cr. sidehills. On a bench rim about 1500' down from the narrows I dug a hole 2' down before hitting frost.



Made it back to camp and unloaded things

May 19

3, Started to get the small sluice box, hoses and pump together for sluicing piles of shafts #1, #2, #3, #4 Need a fitting and more grub as well as recording the leases. Took off to town, got in fairly late.

May 20

Recorded lease got grub and fitting and stayed overnight

May 21

32 Headed back out to Montana Cr. Got there fairly late.

May 22

33 Got sluice (test) system working and started hauling the contact material + bottom gravels (material that panned even slightly) from shaft #1 in two pickup load D-50 Ram Dodge 4x4 Sluiced the material of around 10 sq. bedrock feet. I cleaned the mats into tub. I put the sluice back together and went for another load. After sluicing that material (½ of it) I shut

it down until tomorrow.

34 May 23

Went over and loaded the rest of the material on from number 3 hole on plastic in the back of the truck. I got it over to Bismark & where the sluice was set up, we tdown the box, started the pump and sluiced the rest of the material from #3. Cleaned out the run, put it in a cleaned out 5-gal. pail and snapped the box back together. Went back to hole #2 and loaded up ½ the material then back over to sluice. Did the material and went back for the other ½. Managed to sluice that material through and clean out the box before calling it a day.

35 May 24

Got hole #4 material ⅓ loaded as the amount of pannable material was over a thicker horizon. A ~~sq~~ ft. figure of 12 ft² was still in effect though. Did this load and sluice trip twice more before finishing the pile. The heavies and gold

quite
where visible in this ~~one~~ run
of material.

36 May 25

Panned down all four
shaft bottoms and weighed
where weighable.

Hole		weight in raw oz. or gr. 79 fine
#1	— ½ gram / 10 ft²	= 0.05 gm/ft²
#2	— ¼ gram / 10 ft²	= 0.025 gm/ft²
#3	— trace (2 color) (fine)	
#4	— 2 gram / 10 ft²	= 0.2 gm/ft²

Raw Au assays at 79 fine of gross weight

Helped Vern set-up on hot spot
that was beside #4 shaft & over to it

Made a trip to Whse. to fix July
truck & get supplies July 17 back on the 24

37 Aug 2

Drove back into Montana Cr. from Dawson City with Rob Gillespie. He came in to help me and see what I was doing.

38 Aug 3

We decided to dig out an old shaft that had caved in but thawed a large surface area of ground out. The bedrock had been at just under 7' and had panned half decent. One pan put out around 20 colors. A proper ft² test had not been done so I figured with the large amount of (surface) contact area that could be easily had in thawed ground it was worth going for.

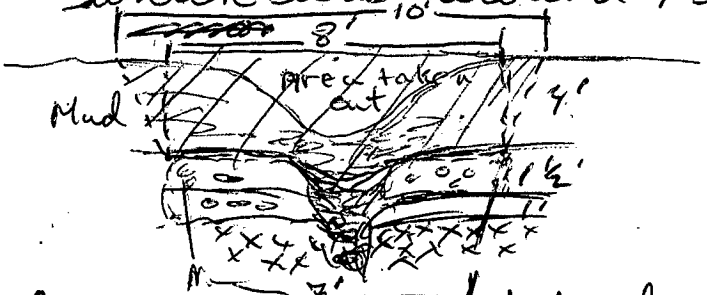
On top of that it was the only spot found so far that showed promise of being economic along Bismark Cr. - Montana Cr. bench edge - corner.

Set the pump and took out the bulk of the centre water. From there we started digging out the sloppy goop. Turned out to be harder than we expected. The

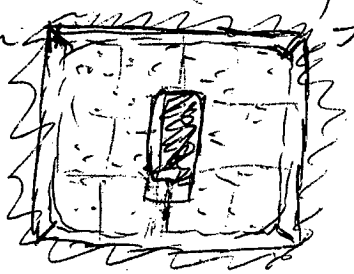
mud just kept running in as we bucket dined it out. When we called it a day we'd slopped out enough of the goopy stuff to have the rest start to firm up a bit.

39 Aug 4

Bailed out a little water and kept mucking out mud layer which was around 4' deep.



Cleaned off a patch of gravel 8'x8' with a (4x2½) hole in the middle from the old shaft.



Aug 5

40 Took out another 1½' of gravel before we found any gravel with color in it. In some places we went down 2'. Panned intermittently

along the level and down into bedrock. The pans ranged from a small flyshit up to 15 color and 6 or 7 flyshit specks, (Rob counted six I counted 7.) Started to take out an area from one corner towards the next and loaded the truck with it. The bedrock is green to black quartzite (blocky) & highly fractured, decayed. The gravels are partially cemented or tightly cobbled.

41 Aug 6

Set up small sluice box and pump and started sluicing material. Managed to dig up around half of the bottom of the pit 7' x 3½' - (½ · 10 ft²) ≈ 20 ft², in four truck-loads. Ran all of this material before cleaning up. Panned this concentrate down to just the Au, which was 1.7 grs, or 0.085 gm/ft²

42 Aug 7

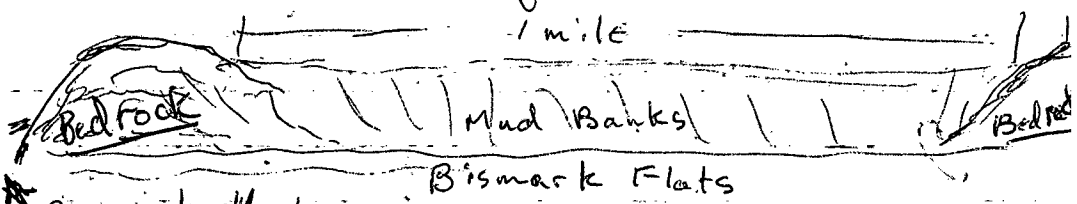
Bailed and dug out the centre till it was below the pay level with the mud and water. Dug out the other half of the pit in 4 more pick-up loads. The pit was 7' x 7'

with approx. 10 ft² out of the centre. Sluiced all this material and cleaned up. The consentrate looked a little better. Upon panning it down and drying it, weighed in at 2.4 grs or 0.12 gm/ft² This would add up to 4.1 grs. or 0.1025 gm/ft² (bedrock) average over the 40 ft² of contact cleaned.

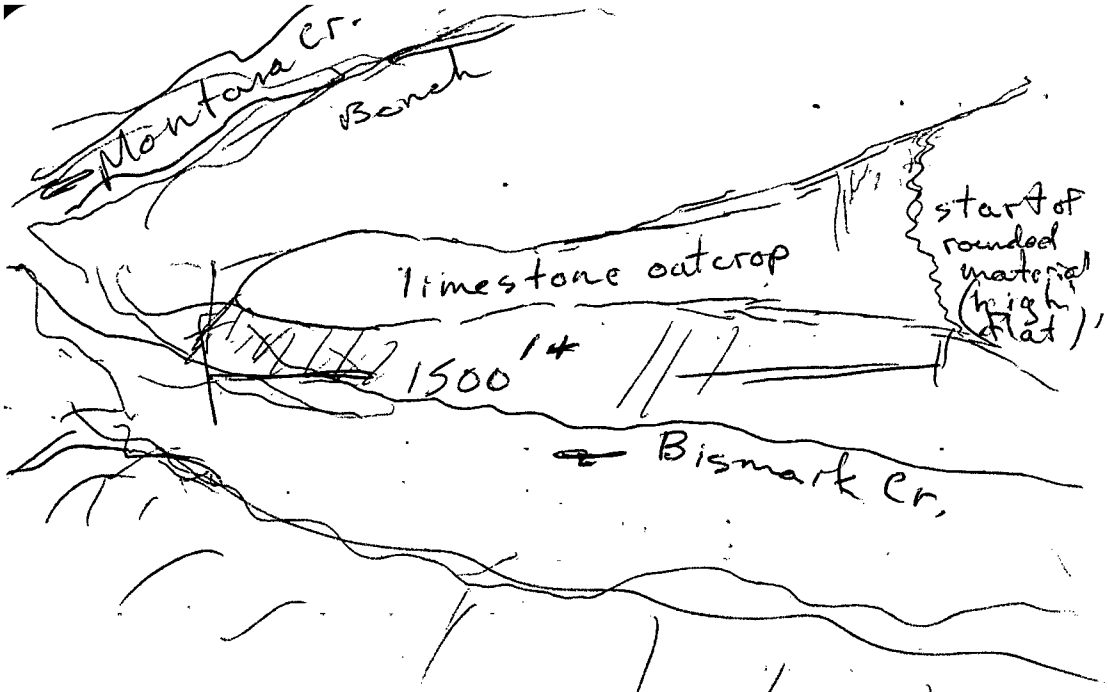
Aug 8

43 Went for a walk up ridge between Bismark Cr. and Stowe Cr. The south facing upper slopes of this ridge opened up into clearings. From these clearings we could see Bismark Cr. and Montana Cr. for quite a ways. From the angle we were at I could see a line of flats that ran along the R.L. of Bismark which I knew as a bench. The part that was a new observation (part old suspicion) was that this flat appeared to go right over into Montana Cr. behind the bedrock Island-ridge that was at the Montana Bismark junction.

The funny thing about this flat was that I had walked up and along the bedrock ridge and found no gravels ~~the~~ the year before. This bedrock ridge looks as if it goes along for 1500' or so before the upper flat comes in. Rob & I walked along the ridge a little more, but couldn't find a better view, so we traversed down through Bismark over to R.L. From rock outcrop to rock outcrop it was around a mile on this R.L. of Bismark. In between them was mud and silt sluffed down onto the creek flats.



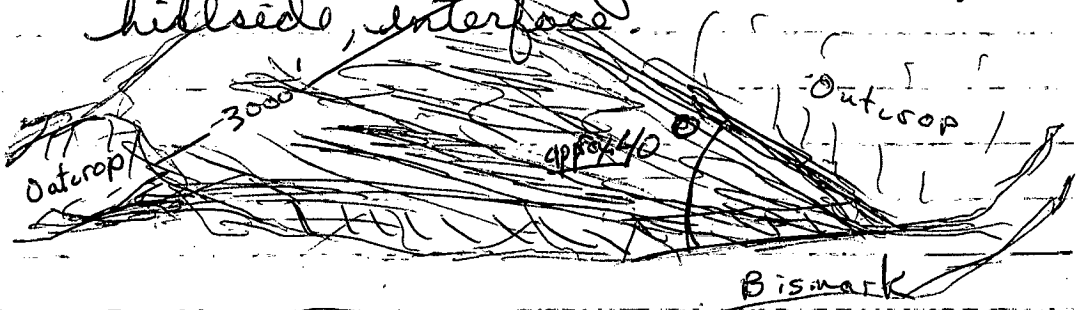
Upon walking up and onto the bedrock ridge-hump of Bismark-Montana confluence, noticed the upper flat only after walking over 1500'. At this point I dug a few holes and got some rounded quartz pebbles along with light colored silty material.



On walking this ridge before I'd always dropped off it before getting to main flat, although it was a low saddled flat lying bedrock ridge.

44 Aug 9 Went back up onto upper flat and followed gravel right (through doing one shovel moss flips), for around 3000' before hitting angular gneiss from the hillside. Along this whole length there was no mud to speak of. Appears the mud has slubbed off onto the creek sides/banks. Followed the edge upstream (Bismark Cr.) to where it come out at this creek. The mud layer become

more apparent as we approached Bismark Cr. along this bench-flat hillside, interface.

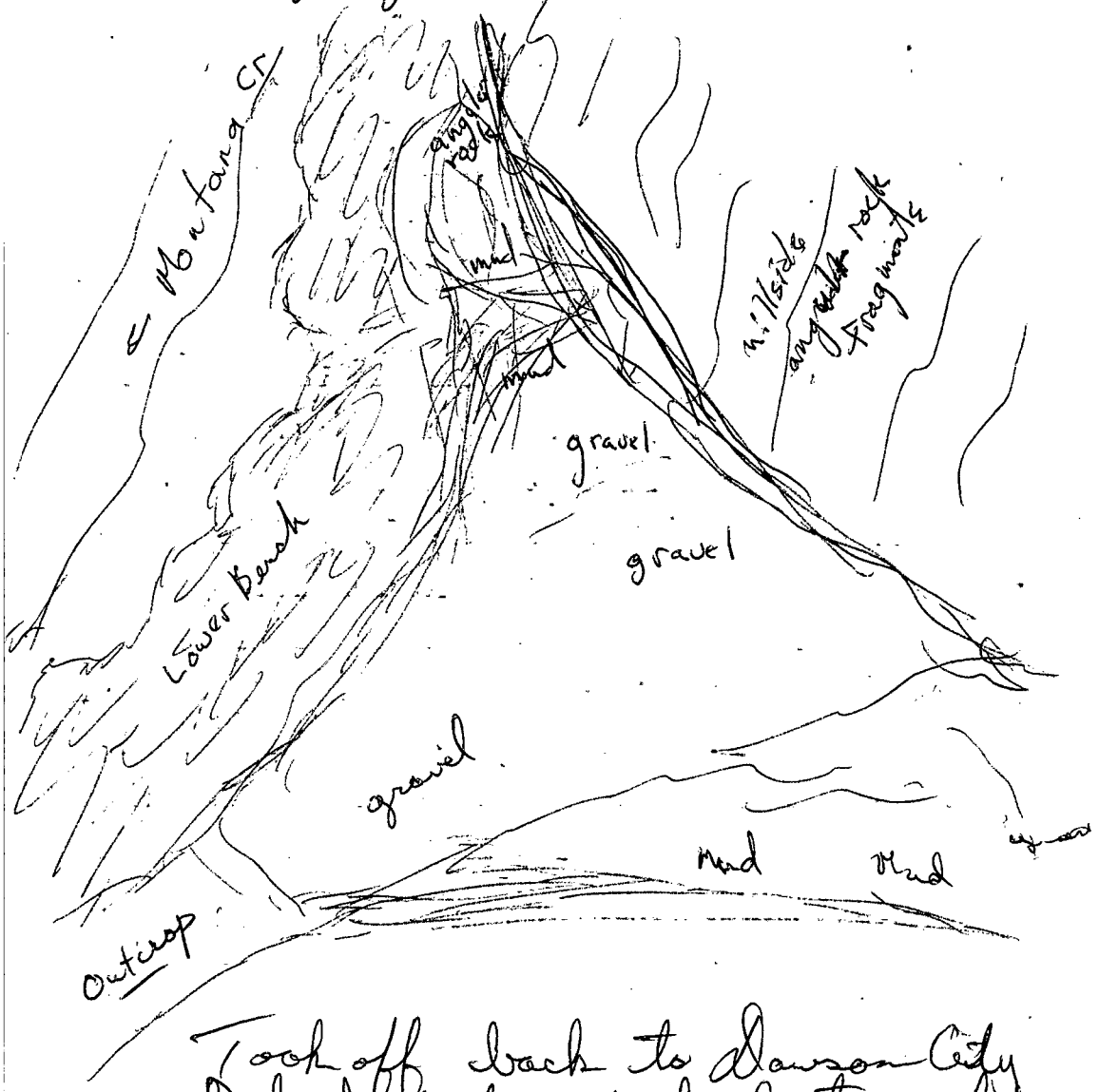


This bench cuts a 35° to 40° + angle with the present Bismark Cr. path. Bismark Cr. is bending around to the south (going up stream) to make this angle even greater if the old channel was to have followed this valley path. This seems unlikely from what I've seen of channels.

45 Aug 10

Walked up to upper bench edge-hillside and followed it over towards Montana Cr. The closer we came to the sloping Montana Cr. hillside the harder it became to make out where bench and hillside (started-ended) at the end of it where there looked like there should have been remenants could find nothing but angular

rock fragments & then mud.



Took off back to Dawson City as Rob had to get back to work & I wanted to tie up some Klondike River prospects.

46 Aug 11

Packed my gear up for the trip up the edge of the Klondike River, to prospect the R.L. benches a little closer.

47 Aug 12

Followed Klondike River Right Limits hillside over to R.L. side of Wood Gulch. The bench along this side of the Klondike is discontinuous and broken up. The right limit side of Wood Gulch was the only large intact undisturbed big channel body from the right limit side of Thomas Gulch up to Wood Gulch that I could positively determine. Between these two places there was what appeared to be redeposited gravel ~~same~~ outwashed at and below the upstream and downstream "high level channel" vertical topographies. Along this side there was serpentine with minor asbestos serpentinite and chloritic schist. In the lower stratifications that were seen in the gulches cutting into the Klondike River graphitic schist with quartz veining was noticed. Camped on the R.L. bench of

Wood Gulch at around the 1600' level around 400' above the Klondike River -

48 Aug 13

Noticed along the front (Klondike face of this bench around 6 holes dug intermittantly at different levels. Looked like Klondike wash in all. Walked back along bench till I hit what appeared to be hillside slope. This was around 3500' from the Klondike bench edge drop off. From here I dropped into Wood Gulch, angling out towards the Klondike River. Ran into the Wood Gulch road, which I followed out to the Klondike River flats. I followed the Klondike flat, hillside edge for around 2000' before angling back up along the hillside to the left limit bench of Wood Gulch. All along this hillside there was interbedded chlorite + graphitic schist, phylite. Camped on top of this bench at old

compsite.

Aug 14

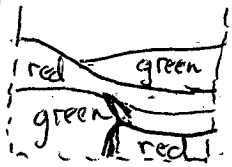
49 Went and staked co-discovery claims on water producing gulch, which was 1,000' over (downstream on Klondike) from old claims that were staked up the old pipe line blow-out which had no water running in it. Found old shaft which had caved in to six feet of depth which I started squaring out to dig it out. Camped nested to this spot.

Aug 15

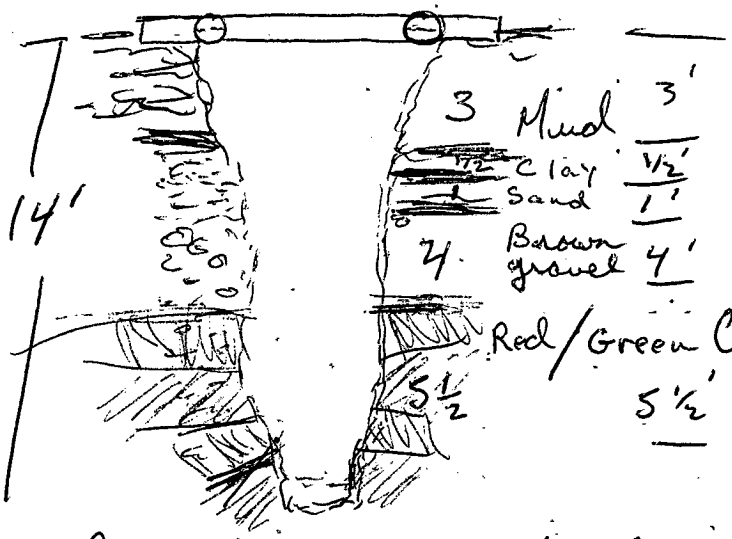
50 Dug out around 4' without a bucket. Then I did some rough squaring in with four logs, log-cabin notched. Will have to timber well if hole goes below 14 & 15' as the thawed caved top will be pretty dangerous after that. Took out another 2' with bucket and rope, which I had stashed there from before. The material is mostly caved mud. Some of the reddish brown, to deeper red gravels are coming in the bottom

at 12'.

51 Aug 16

Took out another 2' then took off for town. The 2' was a little 2'x3' hole at the bottom. The gravels were alternating from a greenish to a rust red color ie. 

which was a percipitated stain/residue.



Panned some of the bottom gravels. There was some black sand and garnet, but no gold. Packed up and took off to town by way of Wood Gulch road and over the dome (Fire tower road)

52 Aug 17

Recorded claims, loaded up and headed back to Montana Cr.

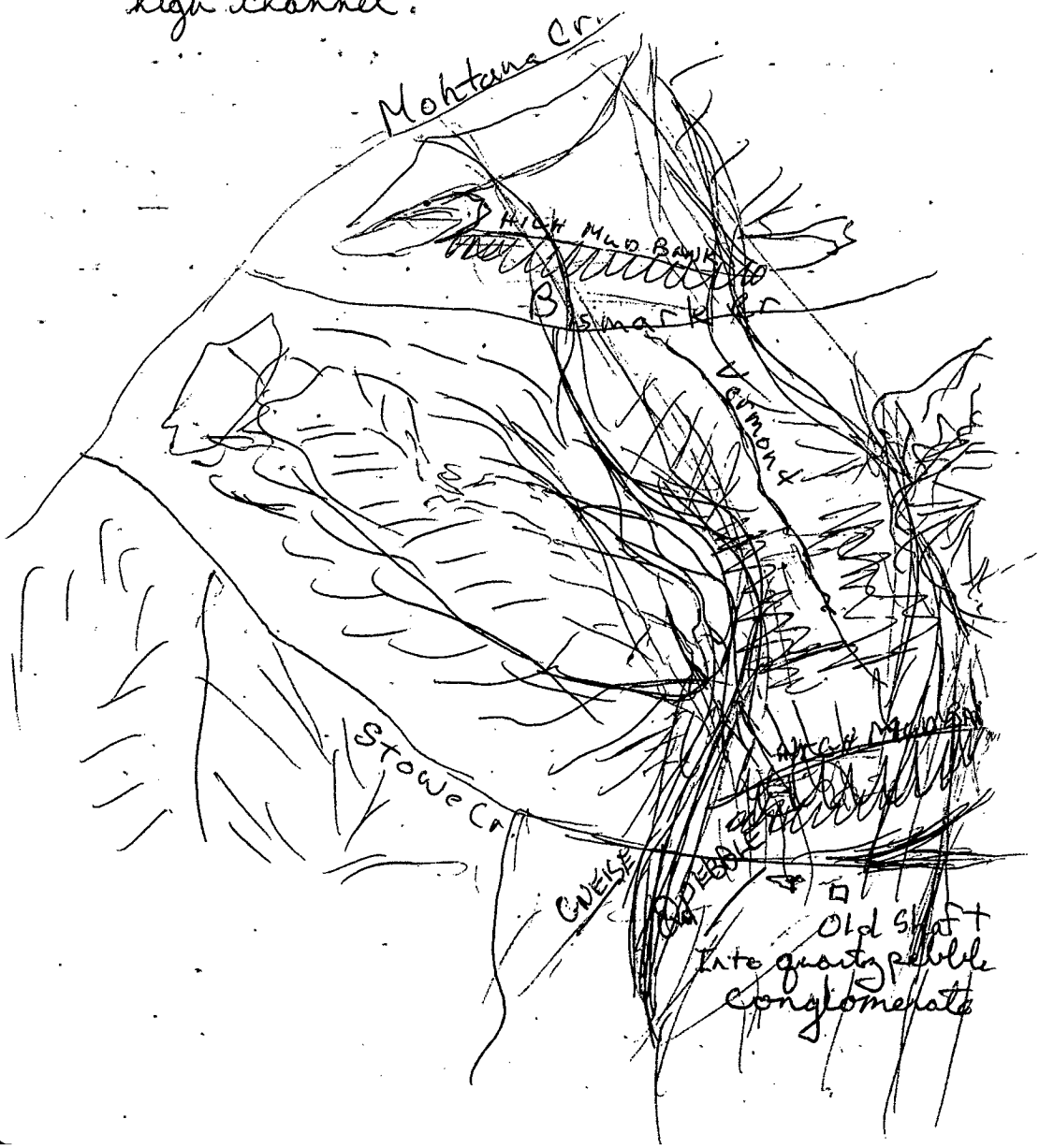
53 Aug 18

Took off up left limit of Bismark Cr. partly on the hillside and partly on the bench. 2000' downstream from Vermont Cr. on the left limit Bismark hillside, found green chloritic schist float. Found some of the same on the L.L. of Vermont Cr. Followed its swampy length up into the saddle between Stowe and this little creek. This saddle turned into a huge upper flat around 3000'-3500' across and at least the same in length. The top was all mud, swamp. Came down on the right limit of Vermont. I noticed some rounded pebbles coming out of the mud in a cut bank around half way down Vermont Cr. This confirmed even more my suspicions this is some kind of channel (high) which lines up perfectly with the Bismark-Montana high back channel.

54 Aug 19

~~The channel~~

Walked along ridge and down into Stowe Cr through saddle / flat / channel - ~~could~~ found the same mud banks that where on the right limit bank of Bismark Cr. that bordered the high channel.



Found an old shaft that was into quartz pebble conglomerate that lined up with the middle of the saddle on the left limit bank of Stowe Cr., just off the mud flats. It was bisected Post #1 P36729 and Post #2 P36728. Maybe this high channel I'm chasing is a quartz pebble conglomerate? The quartz pebbles disappeared where it looks like the edge of the channel would have been if it had swung through the Vermont Cr - Stowe Cr saddle.

55 Aug 20

Went up Conglomerate Cr. to where I figured Conglomerate channel would come thru. The upper flats were fairly swampy and hard to determine visually what was underneath as rock. Chances are it was the same conglomerate that joined Mackinnon Cr. and Stowe Cr. quartz pebble conglomerates. Figured I should go check Mackinnon Creek conglomerates to see if the

overlying topography was the same.

56 Aug 21

Portaged over to MacKinnon Cr. quartz pebble conglomerate showing. The conglomerate looks in some cases the same as Stowe Cr.'s showing (white) in others it is brown, black and grey. These are alternating bands. Stayed at Dave Waugh's old shack

Aug 22

57 Made my way up on the right limit side of the creek (MacKinnon). MacKinnon seems to cut around a mile of this channel on this bank. There was 5 different volcanic intrusives along this band of conglomerate. 3 andesitic 2 rhyolitic. The conglomerate appears to be tilted and in not all the same way neither. On the way back down did of MacKinnon noticed on the left limit the conglomerate had a finer grain and seemed to fan out along the Indian R.

flats. it, seems to be over 2 miles across.

58 Aug 23
Went in to Dawson City.

Sept 16
59 Came out to the creek (Montana)

Sept 18
60 Went and staked Gray 1-13

Sept 19
Staked a ¼ mile 1st terr. bench lease starting at the
61 end of Gray 13. Stayed at Left Fork Montana Camp.

Sept 20
62 Stopped at hole on level bench across from mouth of Left Fork and dug out another 1½' of gravel. It was hard packed and cemented at this point a green gneiss (with a fair amount of biotite,) (5' level)

Panned the contact and got 4 color and 2 fines in one pan. Squared out a 2'x2'x½' deep ground and panned it down in 18 pans. Got up to 12 colors and 6 fines in one pan. Put all the con. in a little jar and went back downstream to camp.

Sept 21

63 Went up to rim hole that el started to dig on May 18. Went down another 2' where el hit bedrock The contact panned 3 pan colors & 4 pan colors. Took 8 buckets (5-gal pail) 3/4's full of dirt from a 2'x2'x½' deep section of contact and loaded them up to go pan down. The little swamp hole el'd panned the first two down in was full. Panned the works down to concentrate and panned it.

Sept 22

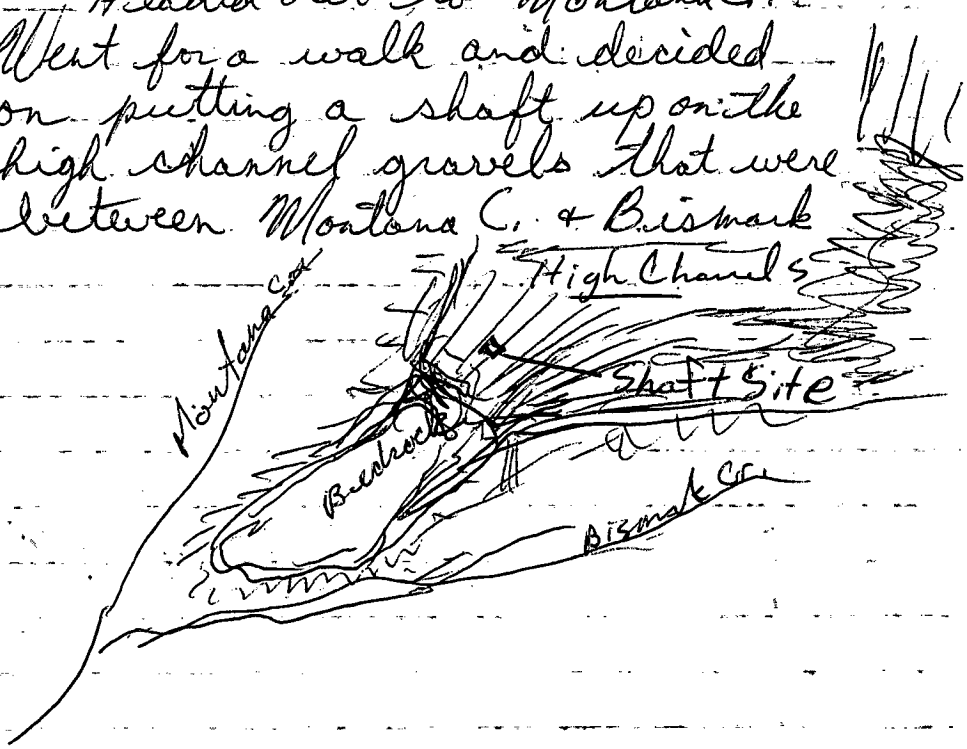
64 Cleaned up the two samples, dryed them and weighed them Left Fork hole or shaft #6 = 0¼ gm. Bench Edge 2000' down from narrows or #7 = ½ gm. Took off to Dawson to record. claims & lease

Sept 23

Recorded 5 Gray claims and ½ mile PL lease. Rode around picking up the gear I needed for shafting slating, etc.

65 Sept 24

Headed out to Montana C. Went for a walk and decided on putting a shaft up on the high channel gravels that were between Montana C. & Bismark



Sept 25

Spent the day shacking a trail in to where the passé-partout could make it up to the shaft site.

Sept 26

66 Finished the last bit of trail and hauled the steaming gear up to the site. Set up steamer and squared hole in.

Sept 27

67 Hauled water, cut wood and started digging out thaw. (natural) At 3.5' hit frost.

Sept 28

68 Got it together and steamed a round down. Hitting hard material 2' down.

Sept 29

69 Mucked out. Hard packed channel starts at 5½'. Picked it out to 7'

Sept 30

70 Timbered up top of shaft and set up tripod, as well as cutting more wood

Oct 1

71 Vern came up and helped me. Got a steam going. The channel

now is getting really hard packd
Managed to hammer the points
in 1½' before one snapped off
at head and had to shut that one down

Oct 2
75 Pushed out 2' from 7' to 9'. The
material had to be bared and
picked all the way. I'm wondering
if it isn't quartz conglomerate
as I had theorized it could be.

Oct 3
73 Fixed points by welding and
putting a thread on nipple. Also
changed some leaky hose & set
things up to go steam.

Oct 4
74 Put a steam in, which lasted around
6 hrs. with the points down only
1½'. Matrix of the gravel isn't
getting any looser.

Oct 5
75 Put a 2nd Tier 1 mile Bench
hose in.

Oct 6

76 Dug out ~~$~~ 2' from 9' to 11'. Had to pick or bar it out. Gravel still breaks up totally when hit with no cemented chips as I've seen in the conglomerate at Stowe Cr. and MacKinnon Cr. Had a visit from a buddy that mentioned Know Name Creek was about to be staked? So Vern and I figured we'd better go do it, as we'd been planning to stake that one.

Oct 7

77 Staking Know Name. Checked some interesting benches that this creek cut through. The little bit of sampling with the cut high channels makes this an interesting prospect.

Oct 8

78 Went to Town and recorded my lease and claim as well as grabbing some more groceries, then headed back out to Montana Cr.

Oct 9

79 Decided to try one more round to see if things changed. The points went in around 1' with too much hammering. Surprised they held, but the fix was good. The tight matrix held back the steam for 6½ hours.

Oct 10

80 Managed to chip out 2' on one side and 1' on the other. There are chunks of cemented the quartz pebble matrix coming out now, which makes me conclude that we are in a quartz pebble conglomerate as theorized. The larger uncemented material I was finding further into this bench) on top of this. (Hand dug pits are more important than an assay to me, but its non essential prospecting or 30¢/o worth only) Anyway the hand dug pits I dug but didn't include in this report showed me there is another channel other than this conglomerate on this high level channel. Prospecting in this country without a

shovel and multiple short pits is absurd and futile; hardrock or placer in my opinion.

Oct 11

81 Moved steaming gear down below where it looked as if the high channel / Unit 2 was cut by the low level Montana Cr. bench.

Oct 12

82 Steamed a round down 4 hrs.

Oct 13

83 Mucked down to 4'

Oct 14

84 Steamed a round down 4 hrs.

Oct 15

85 Mucked out to 9' and timbered in top as well as set up tripod.

Oct 16

86 Steamed another round all mud still 4 hrs

87 Oct 17
Dug out mud to 13'.
Started to hit some reddish
brown sand.

Oct 18
88 Steam another down. Points
were hitting a definite gravel
layer.

Oct 19
89 Mucked out to 17'. Zoned
from sand into reddish
brown sandy gravel.

Oct 20
96 Steamed another round down.
Got the points down around 3'.
Gravel is getting harder.

Oct 21
91 Mucked out to 21'. There is
good looking gravel, bedrock
which panned a 35 color pan +
fines. Put it on plastic to test later.

Oct 22
92 Steamed a round to the right
with one point and left with the
other.

got them in around 3' each...

Oct 23

93 Mucked out all of the left side and most of the right side. Panned a 40 color pan ~~with~~ fines Vern got around a 45 color pan...

Oct 24

94 Cleaned out the bottom of the shaft / drifts. Took around 2 ft.³ and panned it out. Dried it out that night and got ½ gram of gold.

= 0.25

Indian and Northern Affairs Canada
Northern Affairs Program

Affaires indiennes et du Nord Canada
Programme des affaires du Nord

Mineral Rights — Droits miniers

Canada

North Ladue 1 Grassroots

SHEET 115N-10

PLACER 93-021

OK

LATITUDE 63° 30' to 63° 45'

LONGITUDE 140° 30' to 141° 00'

SCALE 1:31,680

ISSUED UNDER THE AUTHORITY OF THE MINISTER OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

21 DEC 92
09 NOV 92
10 AUG 92
06 AUG 92
05 AUG 92
11 OCT 91
13 AUG 91
06 AUG 91
11 OCT 90
06 SEPT 90
7 AUG. 90
5 SEPT 89.
12 SEPT 88.
22 SEPT 87.
29 OCT 86.
5 FEB 86.
30 SEPT 85.
25 July 85.
30 MAY 84.
16 JAN 84.

21 MAR 84
6 FEB. 80
22 MAY 74
7 APR. 70

N — MAGNETIC NORTH N30°11'E

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CONTOUR INTERVAL 500 FEET.

	115N-15	115N-16
ALASKA	115N-10	115N-9
	115N-7	115N-8

NOTE: FOR QUARTZ SEE 115N-10 QTZ.

DAWSON

Cabin

PL8837 2 MILE

PL8836 5 MILE

PL8838 2 MILE

PL9114 4 MILE

PL9010 2 MILE

NORTH ADUEE RIVER

SVENN CREEK

PINE CREEK

BORDEN CREEK

THOMAS CREEK

MASTSON GREEK

DEEP CR

6157

3044

4078

4500 5000 4000 3500 3000 2500 2000

63° 45' 63° 30' 140° 30' 141° 00' 135 140 40' 45' 50' 55' 35'

115N-10PL

Montana & Rosebrite Creeks Grassroots

115-O-11 93-021
PLACER

LATITUDE 63°30' TO 63°45'
LONGITUDE 139°00' TO 139°30'

CANADA
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH
MINING AND LANDS DIVISION

SCALE 1:31,680

1000 0 1000 3000 5000 7000 9000
FEET FEET
0 1 2
MILE MILE

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SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS, BY DRAFTING SERVICES 1982.

7 OCT 89	06 OCT 92
9 SEPT 89	04 SEPT 92
8 AUG 89	23 JULY 92
1 AUG 89	26 JUNE 92
31 MAY 89	24 JUNE 92
25 OCT 88	13 JAN 92
26 OCT 88	06 NOV 91
26 SEPT 88	08 OCT 91
19 SEPT 88	03 SEPT 91
10 AUG 88	13 JUNE 91
20 JULY 88	21 FEB 91
4 MAY 88	21 NOV 90
24 MAR 88	06 NOV 90
2 MAR 88	24 OCT 90
16 FEB 88	04 OCT 90
30 DEC 87	06 SEPT 90
18 NOV 87	16 AUG 90
4 NOV 87	04 JUNE 90
22 SEPT 87	19 MAR 90
11 SEPT 87	01 FEB 90
2 JULY 87	19 JAN 90
16 JUNE 87	9 JAN 90
15 OCT 86	4 DEC 89
1 OCT 86	20 NOV 89
12 SEPT 86	4 NOV 89
28 AUG 86	28 OCT 89
24 MAR 86	
30 DEC 85	
30 SEPT 85	
16 JULY 85	
30 MAY 85	
15 OCT 84	
12 SEPT 84	
21 AUG 84	
27 JUNE 84	
7 MAY 84	
21 FEB 84	
18 NOV 83	
3 MAY 83	
2 FEB 83	
3 NOV 82	
26 OCT 82	
20 SEPT 82	
14 SEPT 82	

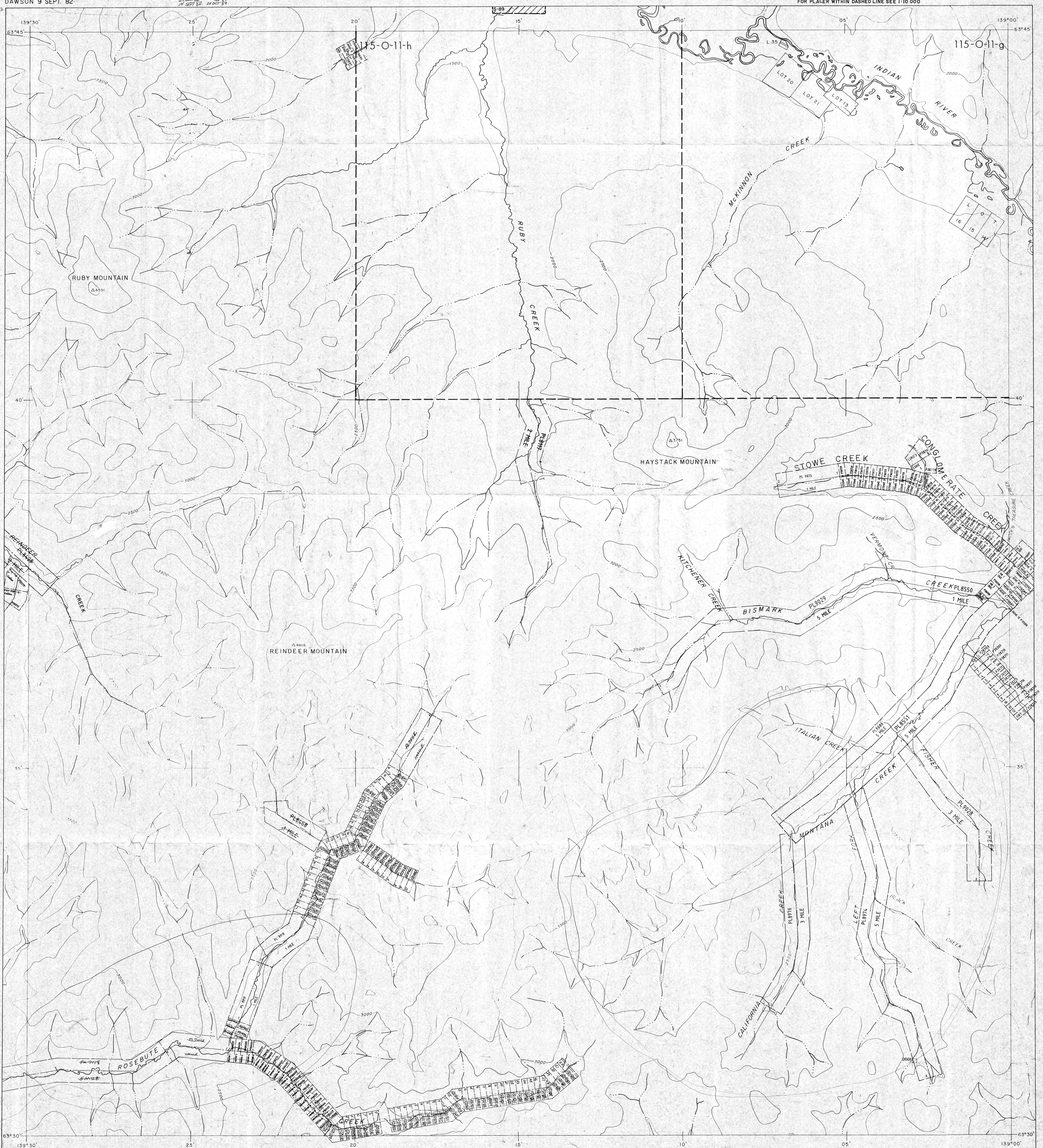
NOTE: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

N 30°24' E MAGNETIC NORTH

115-O-13	115-O-14	115-O-15
115-O-12	115-O-11	115-O-10
115-O-5	115-O-6	115-O-7

DAWSON 9 SEPT. 82

NOTE: FOR QUARTZ SEE 115-O-11
FOR PLACER WITHIN DASHED LINE SEE 1:10 000



115-O-11 PL

Indian and Northern Affairs Canada / Affaires indiennes et du Nord Canada

Northern Affairs Program / Programme des affaires du Nord

Mineral Rights Droits miniers

Canada

Boucher + Fiftymile Crossroad

115N-15 93-021

PLACER

LATITUDE 63° 45' TO 64° 00'
LONGITUDE 140° 30' TO 141° 00'

ISSUED UNDER THE AUTHORITY OF THE MINISTER
OF
INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

SCALE 1:30,000

METRES 1000 0 1000 2000 METRES
FEET 1500 0 1500 3000 4500 6000 7500 9000 10500 FEET

N
MAGNETIC NORTH
30° 01' E

09 NOV 92
15 OCT 92
31 AUG 92
06 AUG 92
05 AUG 92
17 JULY 92
11 OCT 91
08 OCT 91
13 AUG 91
06 SEPT 90
7 AUG. 90
22 MAY 90

DAWSON 7 JUNE 89:

NOTE:

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TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES.
CONTOUR INTERVAL 500 FEET.
SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS, BY DRAFTING SERVICES.

	116C-1	116C-2
	115N-15	115N-16
	115N-10	115N-9

FOR PLACER WITHIN DASHED LINES SEE 1:10,000
FOR QUARTZ SEE 115N-15Qtz.

115N-15i

115N-15h

Miller Creek

River

Mile

Creek

Bedrock

Bedrock Hill

Pat Murphy Creek

Sixty

Mosquito Creek

Mount Nolan 4566

Bourdelais Gulch

PL7554 1 MILE

PL7555 1 MILE

Boucher

Gulch

Randler Gulch

Butler

4032

PL7566 3 MILE

Fifty Mile Creek

PL7565 5 MILE

PL7564 5 MILE

PL 8894 1 MILE

PL 8894 2 MILE

PL 8894 4 MILE

PL8837 2 MILE

Crag Mountain 5020

4352

4023

5434

3820

Ladue River

North

Alaska
Yukon

141° 00' 55' 50' 45' 40' 35' 140° 30'
64° 00'
55'
50'
63° 45'

115N-15 PLACER

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

Northern Affairs Program | Programme des affaires du Nord

Mineral Rights | Droits miniers

Canada

North Ladue Grassroots

SHEET 115N-7

PLACER

LATITUDE 63° 15' to 63° 30'

LONGITUDE 140° 30' to 141° 00'

SCALE 1:31,680

ISSUED UNDER THE AUTHORITY OF THE MINISTER OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

DAWSON & WHITEHORSE	
	21 DEC 92
	21 SEPT 92
	10 AUG 92
	17 JULY 92
	11 OCT 91
	08 OCT 91
	06 AUG 91
	10 APR 91
	11 OCT 90
	7 AUG. 90
	22 MAY 90
	6 SEPT. 89
	13 MAR 89.
	6 SEPT 88
	4 Nov 87
	23 SEPT 87
	15 JAN 87.
	29 OCT 86.
	5 FEB 86.
	29 OCT 85.
	30 SEPT 85.
	30 MAY 85.
	15 MAY 85.
	27 JUNE 84.
	16 APR 84.
20 MAR. 84	
7 FEB. 80	
12 MAR. 74	
12 FEB. 70	
5 FEB. 70	

N — MAGNETIC NORTH N 30° 01' E

NOTICE

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TOPOGRAPHY COMPILED FROM 1:250,000 NATIONAL TOPOGRAPHIC SERIES. CONTOUR INTERVAL 500 FEET.

Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

ALASKA		
	115N-10	115N-9
	115N-7	115N-8
	115N-2	115N-1

NOTE: FOR QUARTZ SEE 115N-7 QTZ.

141° 00' — 140° 30' — 63° 30' — 63° 15'

55' 50' 45' 40' 35' 25' 20'

2500 3000 3500

3536 4837 3609 4007

PL9010 2 MILE

PL9114 4 MILE

PL9115 4 MILE

PL8238 5 MILE

PL8239 5 MILE

PL8240 5 MILE

PL8241 5 MILE

S-58

ALASKA HIGHWAY

LADUE RIVER

DAWSON MINING DISTRICT

WHITEHORSE MINING DISTRICT

□142 □143 □144 □145 □146 □147

115N-7PL

Indian and Northern Affairs Canada

Northern Affairs Program

Affaires indiennes et du Nord Canada

Programme des affaires du Nord

Mineral Rights — Droits miniers

Canada

21 SEPT 84
DAWSON 23 NOV 81

19 OCT 84	12 SEPT 88		21 JUNE 90	30 JAN 92			
1 OCT 84	6 SEPT 88		12 JUNE 90	13 JAN 92			
10 SEPT 84	25 AUG 88		04 JUNE 90	13 NOV 91			
25 AUG 84	22 AUG 88		22 MAY 90	12 NOV 91			
19 AUG 84	15 AUG 88		2 MAY 90	11 OCT 91			
23 JUNE 84	11 JULY 88		25 APR 90	03 SEPT 91			
13 JUNE 84	20 JUNE 88		30 MAR 90	22 AUG 91			
8 JUNE 84	13 JUNE 88		01 FEB 90	21 AUG 91			
22 MAY 84	1 JUNE 88		9 JAN 90	13 AUG 91			
16 APR 84	26 MAY 88		4 DEC 89	06 AUG 91			
13 MAR 84	19 MAY 88		20 NOV 89	22 JULY 91	02 DEC 93		
5 FEB 84	16 MAY 88		9 NOV 89	04 JULY 91	25 NOV 93		
30 DEC 83	6 APR 88		31 OCT 89	04 JULY 91	11 OCT 93		
5 DEC 83	31 MAR 88		25 SEPT 89	24 JUNE 91	27 AUG 93		
6 NOV 83	24 NOV 87		5 SEPT 89	13 JUNE 91	11 AUG 93		
24 OCT 83	18 NOV 87		28 JULY 89	03 JUNE 91	29 JULY 93		
17 OCT 83	11 SEPT 87		20 JULY 89	28 MAY 91	12 JULY 93		
30 SEPT 83	4 SEPT 87		13 JUNE 89	22 APR 91	21 JUNE 93		
19 SEPT 83	28 AUG 87		31 MAY 89	10 APR 91	28 MAY 93		
27 AUG 83	21 AUG 87		23 MAY 89	29 JAN 91	19 MAY 93		
9 AUG 83	14 AUG 87		11 MAY 89	21 JAN 91	09 MAR 93		
25 JULY 83	7 AUG 87		1 MAY 89	17 DEC 90	23 DEC 92		
18 JULY 83	31 JULY 87		6 APR 89	21 NOV 90	25 NOV 92		
11 JULY 83	24 JULY 87		6 APR 89	27 OCT 90	07 OCT 92		
4 JULY 83	17 JULY 87		19 MAR 89	24 OCT 90	15 OCT 92		
27 JUNE 83	10 JULY 87		13 MAR 89	17 OCT 90	07 OCT 92		
20 JUNE 83	3 JULY 87		28 JAN 89	11 OCT 90	21 SEPT 92		
13 JUNE 83	26 JUNE 87		20 DEC 88	04 OCT 90	09 SEPT 92		
6 JUNE 83	19 JUNE 87		13 DEC 88	27 SEPT 90	28 AUG 92		
30 MAY 83	12 JUNE 87		6 DEC 88	20 SEPT 90	24 AUG 92		
23 MAY 83	5 JUNE 87		29 NOV 88	13 SEPT 90	23 JULY 92		
16 MAY 83	29 MAY 87		22 NOV 88	06 SEPT 90	16 JULY 92		
9 MAY 83	22 MAY 87		15 NOV 88	30 AUG 90	09 JULY 92		
2 MAY 83	15 MAY 87		8 NOV 88	23 AUG 90	02 JULY 92		
25 APR 83	8 MAY 87		1 NOV 88	16 AUG 90	24 JUNE 92		
18 APR 83	1 MAY 87		25 OCT 88	9 AUG 90	18 JUNE 92		
11 APR 83	24 APR 87		18 OCT 88	2 AUG 90	09 JUNE 92		
4 APR 83	17 APR 87		11 OCT 88	26 JULY 90	07 MAY 92		
28 MAR 83	10 APR 87		4 OCT 88	19 JULY 90	05 MAY 92		
21 MAR 83	3 APR 87		27 SEPT 88	12 JULY 90	13 APR 92		
14 MAR 83	27 MAR 87		20 SEPT 88	5 JULY 90	06 MAR 92		

PLACER SHEET
116B-3b

LATITUDE 64°00' to 64°05'

LONGITUDE 139°10' to 139°20"

SCALE 1:10,000

100 0 100 200 300 400 500 600 700 800 900 1000 1100 METRES

500 0 500 1000 1500 2000 2500 3000 3500 FEET

ISSUED UNDER THE AUTHORITY OF THE MINISTER OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

N

MAGNETIC NORTH N31°04'E

NOTICE

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TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES.
CONTOUR INTERVAL 100 FEET.
SURVEY IMFORMATION COMPILED FROM LEGAL SURVEYS, BY DRAFTING SERVICES.

Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

Entry on certain lands is withdrawn from staking in screened areas by Orders in Council.

NOTE: FOR QUARTZ CLAIMS SEE 116B-3

116B-3	116B-3	116B-3
116B-3c	116B-3b	116B-3a
115O-14i	115O-14h	115O-14g

R-1 PC 1984-2829

P.C. 1988-444
P.C. 1988-484

P.C. 1992-81

C-5

C-3

C-6

PL9031
2 MILE
2nd TIER

PL9084 2 MILE 1st TIER

PL9088 2 MILE 1st TIER

PL8658 1 MILE

PL8786 1 MILE 2nd TIER

PL9215 CRIPPLE 1 MILE

PL9303 GULCH 1 MILE CREEK

PL8693 1 MILE

PL8694 1 MILE

PL8695 1 MILE

PL8975 GULCH 1 MILE

KLONDIKE HIGHWAY NO. 2

P.C. 1979-218

P.C. 1979-830

P.C. 1985-324

P.C. 1979-216

LOT 1002 QUAD 116 B-3 PC 1979-82

LOT 1004

LOT 582 PC 1989-1043

SUBD LOTS 1-29

WOOD GULCH

FOSTER GULCH

HUNKER CREEK

BEAR CREEK

KLONDIKE RIVER

1139°20' 64°05'
1139°15'
1139°10' 64°05'
64°00'

116B-3b

116-B-3
QUARTZ

LATITUDE 64°00' TO 64°15'
LONGITUDE 139°00' TO 139°30'

CANADA
DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH
MINING AND LANDS DIVISION

SCALE 1:31,680

ISSUED UNDER THE AUTHORITY OF THE MINISTER OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NOTICE

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27 JULY 84. 16 JULY 84. 29 JUNE 84. 26 JUNE 84. 20 JUNE 84. 18 JUNE 84. 11 JUNE 84. 24 MAY 84. 7 MAY 84. 26 APR 84. 14 APR 84. 10 APR 84. 5 FEB 84. 31 OCT 83. 24 OCT 83. 11 OCT 83. 16 AUG 83. 25 JULY 83. 29 JUNE 83. 28 JUNE 83. 9 FEB 83. 21 FEB 83. 14 SEPT 82. 8 SEPT 82. 8 JULY 82. 10 MAY 82. 17 MAR 82. 12 FEB 82.

22 JAN 87. 15 JAN 87. 20 NOV 86. 4 OCT 86. 25 AUG 86. 19 AUG 86. 23 JULY 86. 16 JULY 86. 17 JUNE 86. 3 JUNE 86. 15 APR 86. 13 MAR 86. 18 FEB 86. 30 SEPT 85. 27 AUG 85. 21 AUG 85. 25 JULY 85. 15 MAY 85. 10 APR 85. 15 FEB 85. 31 JAN 85. 23 JAN 85. 26 OCT 84. 11 OCT 84. 2 OCT 84. 12 SEPT 84. 28 AUG 84. 16 AUG 84.

24 OCT 89. 28 AUG 89. 24 JULY 89. 22 JUNE 89. 12 JUNE 89. 20 APR 89. 13 MAR 89. 12 JAN 89. 20 DEC 88. 21 OCT 88. 25 OCT 88. 13 OCT 88. 28 SEPT 88. 12 SEPT 88. 22 AUG 88. 3 AUG 88. 20 JUNE 88. 1 JUNE 88. 19 MAY 88. 31 MAR 88. 2 FEB 88. 30 DEC 87. 18 NOV 87. 4 NOV 87. 22 SEPT 87. 26 AUG 87. 16 APR 87. 4 DEC 89. 17 NOV 89.

TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES
CONTOUR INTERVAL 500 FEET.
SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS BY DRAFTING SERVICES 1981.

21 NOV 90, 03 NOV 90, 06 SEPT 90, 30 AUG 90, 24 AUG. 90, 13 AUG. 90, 1 AUG. 90, 21 JUNE 90, 12 JUNE 90, 04 JUNE 90, 2 MAY 90, 25 APR 90, 01 FEB 90

27 OCT 92, 06 OCT 92, 10 AUG 92, 13 JULY 92, 07 JULY 92, 24 JUNE 92, 18 JUNE 92, 25 MAY 92, 02 MAR 92, 13 JAN 92, 13 NOV 91, 11 OCT 91, 22 AUG 91, 21 AUG 91, 06 AUG 91, 22 JULY 91, 26 MAR 91

28 MAY 93, 09 MAR 93L, 22 FEB 93 L, 25 JAN 93, 31 DEC 92 L, 04 NOV 92L

N31°01'E MAGNETIC NORTH

Note: Entry on certain lands is withdrawn from staking in cross-hatched areas to facilitate the settlement of Native Land Claims without prejudice to Existing Surface and Subsurface Rights.

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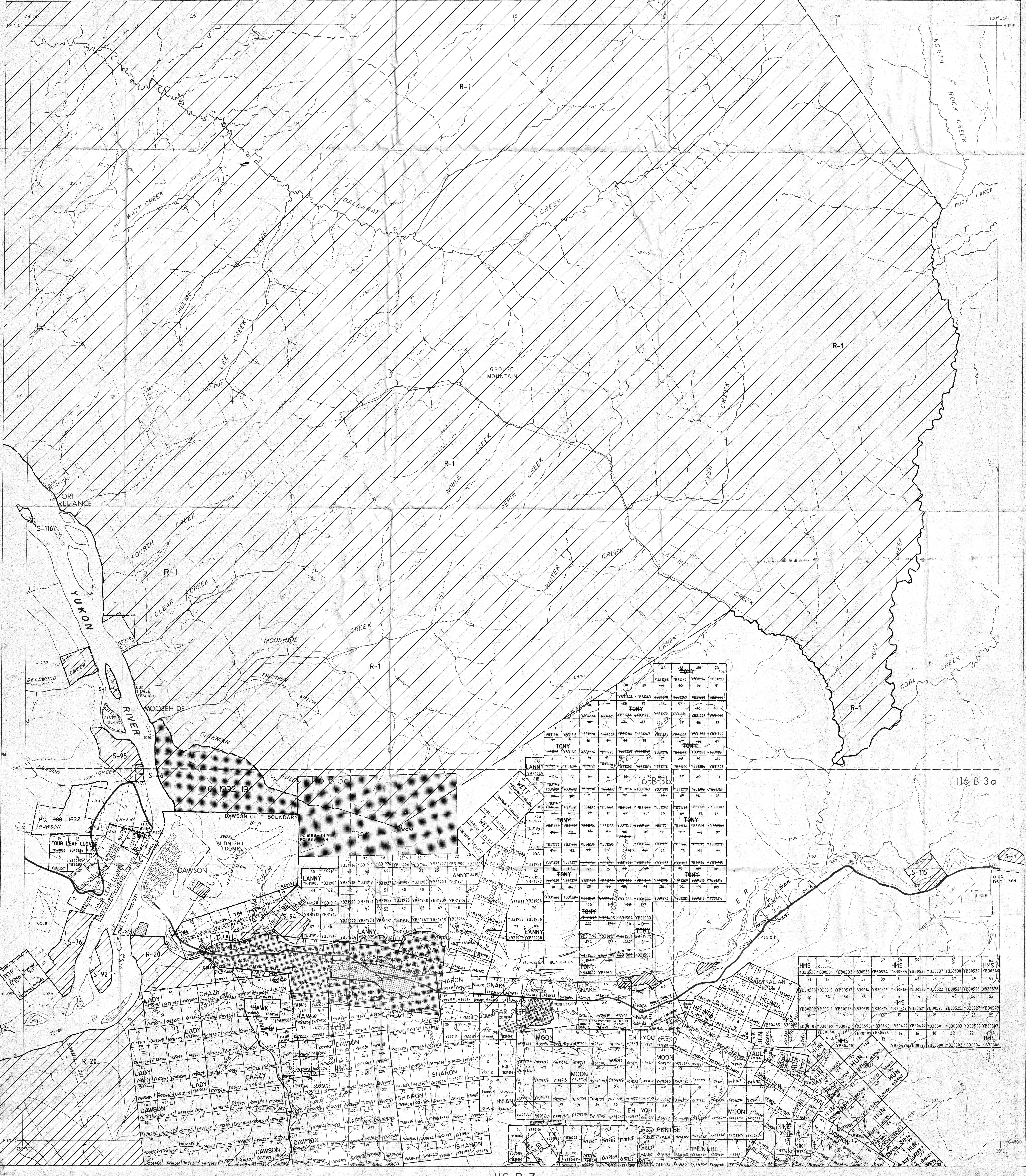
116-B-5	116-B-6	116-B-7
116-B-4	116-B-3	116-B-2
115-O-13	115-O-14	115-O-15

DAWSON 21 DEC 1981.

NOTE: FOR PLACER SEE 116-B-3 PLACER AND FOR PLACER CLAIMS WITHIN DASHED AREA SEE 1:10,000 PLACER MAPS.



115-O-11
PLACER

LATITUDE 63°30' TO 63°45'
LONGITUDE 139°00' TO 139°30'

CANADA

DEPARTMENT OF NORTHERN AFFAIRS AND NATIONAL RESOURCES
NORTHERN ADMINISTRATION AND LANDS BRANCH
MINING AND LANDS DIVISION

SCALE 1:31,680

1000 0 1000 3000 5000 7000 9000 FEET
0 1 2 MILE

ISSUED UNDER THE AUTHORITY OF THE MINISTER OF NORTHERN AFFAIRS AND NATIONAL RESOURCES

NOTICE

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4 OCT 89
9 SEPT 89
8 AUG 89
1 AUG 89
31 MAY 89
26 OCT 88
25 OCT 88
26 SEPT 88
19 SEPT 88
10 AUG 88
20 JULY 88
4 MAY 88
28 MAR 88
2 MAR 88
16 FEB 88
30 DEC 87
18 NOV 87
4 NOV 87
22 SEPT 87
11 SEPT 87
2 JULY 87
16 APR 87
15 OCT 86
1 OCT 86
12 SEPT 86
25 AUG 86
24 MAR 86
30 DEC 85
30 SEPT 85
16 JULY 85
30 MAY 85
15 OCT 84
12 SEPT 84
21 AUG 84
27 JUNE 84
7 MAY 84
21 FEB 84
10 NOV 83
2 MAY 83
2 FEB 83
3 NOV 82
26 OCT 82
27 SEPT 82
14 SEPT 82

25 NOV 93
28 OCT 93
18 SEPT 93
11 AUG 93
12 JULY 93
31 MAY 93
17 MAY 93
28 APR 93
09 NOV 92
22 OCT 92
06 OCT 92
04 SEPT 92
23 JULY 92
26 JUNE 92
24 JUNE 92
13 JAN 92
06 NOV 91
08 OCT 91
03 SEPT 91
13 JUNE 91
21 FEB 91
21 NOV 90
06 NOV 90
24 OCT 90
04 OCT 90
06 SEPT 90
16 AUG 90
04 JUNE 90
13 MAR 90
01 FEB 90
17 JAN 90
9 JAN 90
4 DEC 89
20 NOV 89
4 NOV 89
24 OCT 89

TOPOGRAPHY COMPILED FROM 1:50,000 NATIONAL TOPOGRAPHIC SERIES.
CONTOUR INTERVAL 500 FEET.
SURVEY INFORMATION COMPILED FROM LEGAL SURVEYS, BY DRAFTING SERVICES 1982.

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115-O-13	115-O-14	115-O-15
115-O-12	115-O-11	115-O-10
115-O-5	115-O-6	115-O-7

DAWSON 9 SEPT. 82

NOTE: FOR QUARTZ SEE 115-O-11
FOR PLACER WITHIN DASHED LINE SEE 1:10 000