

Yukon Mining Incentives Program

Montana Creek Assessment Report

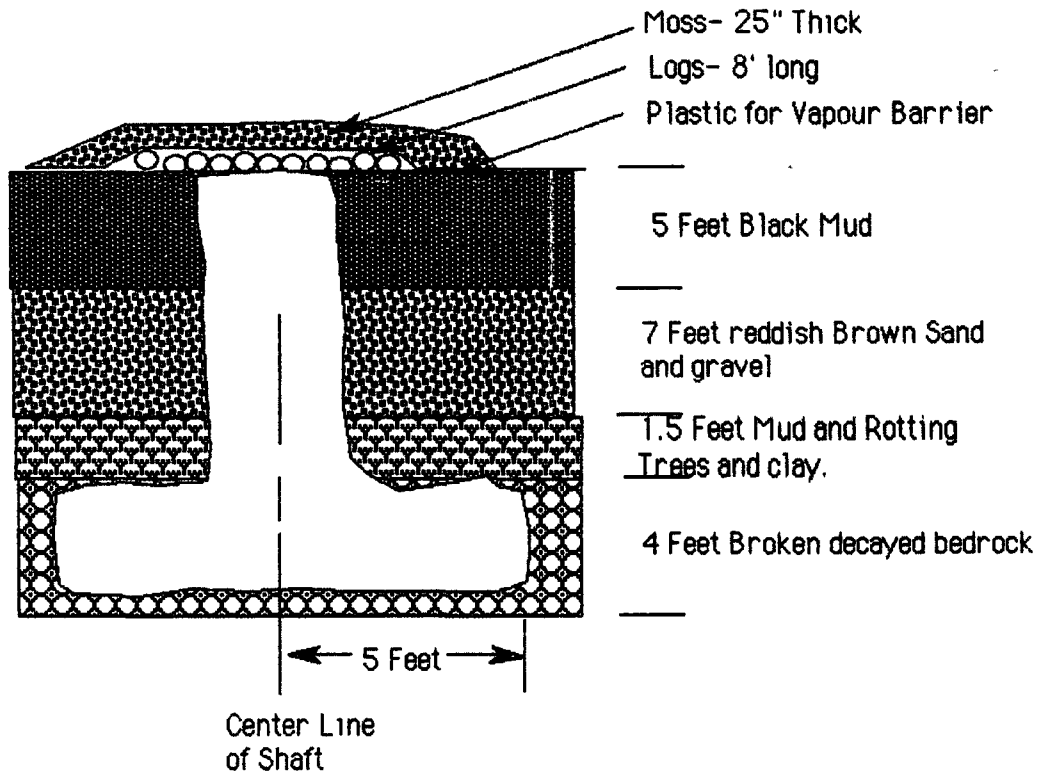
Submitted By

**Charlie Brown
October 29, 1991**

Date	Journal Entry	Associated Cost
May 3, 1991	Drive Whitehorse to Dawson Picked up supplies, steamer, steam points, hose, food Charlie Brown (CB) and Tom Morgan (TM), Dawson to Air Gold Camp, overnight at Air Gold Men, 2 @ \$100 00/day Food (Dawson City General Store, DCGS) Gas (Whse. Esso)	\$200.00 \$68 62 \$56.07
May 4, 1991	Working on steamer equipment Putting valves on steam points Picked up 2" pump and hoses and small box for testing dirt from shafts Serviced Bobcat at Air Gold Men, 2 @ \$100 00/day	\$200 00
May 5, 1991	Loaded Bobcat and supplies on trailer. TM worked on boiler, CB into Dawson to get blow off valve for steamer, more food, gas Men, 2 @ \$100.00/day	\$200 00
May 6, 1991	CB back to Air Gold Camp to test boiler , load rest of supplies Gas (Shell Dawson) Food (DCGS) Men, 2 @ \$100.00/day	\$39.00 \$123 81 \$200.00
May 7, 1991	Left Air Gold Camp for Montana Creek. Walked Bobcat from Black Hills Road too Parking Lot at mouth of Steel and Montana Creeks Hauled in supplies, two trips Men, 2 @ \$250 00/ day Bobcat, \$250.00/day Truck, \$200.00/day	\$500 00 \$250.00 \$200.00
May 8, 1991	Set up camp, cleared shaft site with Bobcat Set up steamer with fractured rock base to raise above wet moss. Hauled water and wood, and began shaft. Steamed down 4 feet on shaft # 1 , getting good pressure after a bit of fabrication of boiler and steam hose. 26 psi on steamer A very long day Men, 2 @ 250.00/day Bobcat, \$250 00/day	\$500.00 \$250.00
May 9, 1991	Digging out # 1 shaft of muck, down to 5 1/2 feet Started # 2 shaft, steam #2 as we muck out #1. Using one steam line with two steam pions we are getting higher and more constant pressure Went to main camp on claim P31384 with Bobcat to get sloop for hauling wood Loaded steamer with water, hauled more wood Steaming shaft #1 going for second round. Mucking out shaft # 2 Running at 26 psi on steamer. Getting to be to much work to keep both	

	shafts going Work load to keep steamer and mucking of both shafts going is too much , decided to concentrate on shaft #1 Men, 2 @ 250 00/day Bobcat, \$250 00/day	\$500.00 \$250.00
May 10, 1991	Muck out Shaft #2 , down to seven (7) feet. Black Muck with reddish gravel starting to show. Built ladders out of logs for climbing in and out. Working with black muck was very sloppy, no footings. Used Bobcat for collecting wood and hauling water Men, 2 @ 250 00/day Bobcat, \$250.00/day	\$500 00 \$250.00
May 11, 1991	Hauling more water and wood with Bobcat. More distance must be covered to collect wood for dry wood is scarce. Putting two steam points together works well Working on shaft #1 The wood burns fast because we are using an open fire Men, 2 @ 250.00/day Bobcat, \$250.00/day	\$500.00 \$250.00
May 12, 1991	Worked on shaft #2. The same morning ritual, fill steamer with water, load wood under and around steamer, and light wood. One man stays down the shaft pounding steam points, while the other man feeds the fire and chops more wood. Mucked out shaft #1, still in reddish gravel, with broken sticks and fractured rock Thin grey gravel layer appeared approx ten (10) feet down More wood, moss hauled with Bobcat Men, 2 @ 250 00/day Bobcat, \$250 00/day	\$500.00 \$250.00
May 13, 1991	Finished digging out thaw and scaling on shaft #2 Using Bobcat to haul moss. Moss was placed around collar and shaft to prevent thawing and to absorb moisture. Mucked out shaft #1, down to 13 feet Shaft #1 is at bedrock (13'). Broken bedrock along with small tree branches found at bottom Bobcat used for more wood, moss and water Men, 2 @ 250.00/day Bobcat, \$250 00/day	\$500 00 \$250 00
May 14, 1991	Set up steamer for another shift. Used steam points to drift along bedrock. Mucked out taking samples (pans) from bedrock contact. Finding colors, 4-8 per sample(pan), black sand and garnets Bedrock is a fractured shist, with decomposed strikes (cracks). Men, 2 @ 250.00/day Bobcat, \$250 00/day	\$500 00 \$250.00
May 15, 1991	Bedrock is thawing great. Finally broke out a tree stump that was in the way. Steam points are penetrating into bedrock with alot of turning and pounding. Taking more sample pans, with more colors (fine gold), garnets and black sands. Large tarp was set up block bright sunshine from melting black muck at the top (collar) of shaft	

	Mucked out drift, now four (4) feet on both sides Stock piled approx 1 1/2 yards of contact gravels along bedrock on plastic sheet to sluice at a later date.	
	Men, 2 @ 250.00/day	\$500.00
	Bobcat, \$250 00/day	\$250 00
May 16, 1991	Hauling moss and logs with Bobcat. Logs are placed over top of collar to support insulating layers of moss Bobcat hauled thawed material to construct berm around shaft to keep water from flowing in The same insulating and berm construction was repeated for shaft #2 Set up two (2) inch pump and small sluice. Hand shoveled dirt into Bobcat to carry over to sluicing location. Hand shoveled material into sluice from shaft #1 Results from test gravels proved 0.7 grams of gold for 1.5 cubic yards of dirt, or approx. 0.46 grams per cubic yard of material Gold is trapped in the bedrock shist. Finding no gold in the gravels above bedrock. Going further into the bench we could possibly find the start of the grey pay gravel layer as found on the rim of the bench before	
	Men, 2 @ 250 00/day	\$500.00
	Bobcat, \$250.00/day	\$250 00



May 17, 1991	CB and TM headed into Dawson for supplies. Prospecting on Klondike Gas (Shell Dawson)	\$93 56
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May 18, 1991 to May 20, 1991	Staked claims on Klondike River, and Deadman Gulch Some assessment work in the area	
May 21, 1991	Picked up supplies (food, gas) in Dawson and headed out to Air Gold camp Overnight at Air Gold Food, (DCGS, 136.49 + 132.73) Gas (Shell Dawson) Men, CB @ \$100.00/day, TM @ \$250.00/day	\$269.22 \$95.35 \$350.00
May 22, 1991	Loaded Dump Truck and Trailer with supplies at Air Gold camp, headed out to Montana Two trips into camp site with Bobcat for supplies Men, 2 @ \$250.00/ day Bobcat, \$250.00/day Truck, \$200.00/day (1/2 day)	\$500.00 \$250.00 \$100.00
May 23, 1991	Fixed fuel leak on Bobcat Stripping pit on NENE #7, Stock piling white channel (paydirt) for sluicing Men, 2 @ \$250.00/ day Bobcat, \$250.00/day	\$500.00 \$250.00
May 24, 1991	Put sluice box together for testing Fixed couple leaks on hose for 3 x 4 pump Sluiced 30 yards from test pit on P31383 Used Bobcat to feed sluice Men, 2 @ \$250.00/ day Bobcat, \$250.00/day	\$500.00 \$250.00
May 25, 1991	Bobcat hauling dirt from P31383 for sluicing. Put 45 cubic yards Stripping spare time Cleaned up sluice box Results, 1.8 oz. Gold for 75 cubic yards of paydirt. Men, 2 @ \$250.00/ day Bobcat, \$250.00/day	\$500.00 \$250.00
May 26, 1991	Off to Dawson for Annual Gold Show Talked to Dave Downing, he said to keep going Men, 2 @ \$100.00/day	\$200.00
May 27, 1991	Picked up supplies in Dawson and headed out to Air Gold Flat tire on way out, another night in Dawson Food (DCGS) Gas (Shell Dawson) Men, 2 @ \$100.00/day	\$201.64 \$84.85 \$200.00
May 28, 1991	Fixed tire at Shell, decided to get extra fuel Headed out to Montana Stopped off at Air Gold to pick up two (2) inch pump, for work on Bismark Creek. Hauled supplies into camp with Bobcat, Two trips. Late night stripping on P31383	

	Men, 2 @ \$250 00/ day	\$500 00
	Bobcat, \$250 00/day	\$250 00
	Gas (Shell Dawson)	\$50.30
May 29, 1991	Had vistors, rest and relaxation	
May 30, 1991	Took Bobcat upstream on Montana (Insert #5). Dug Pit #1, #2, #3. Took samples from bedrock contact on Pit #1. Results from 5 pans, Pan #1- 4 colors, black sand and garnets Pan #2- 2 colors, black sand and garnets Pan #3- black sand Pan #4- 2 colors, black sand and garnets Pan #5- 1 color, black sand and garnets Looks similar to shaft material (Insert#1) Greenish black decomposed bedrock. Pit #2, and #3 still frozen on bottom. Walked Bobcat back to Montana Creek P31383	
	Men, 2 @ \$250.00/ day	\$500.00
	Bobcat, \$250 00/day	\$250 00
May 31, 1991	Started stripping P31383 (Insert #3) Want to find out if white channel is continous and is paying as the channel goes back into the bench further. Started stripping black muck and reddish gravel.	
	Men, 2 @ \$250.00/ day	\$500.00
	Bobcat, \$250.00/day	\$250.00
June 1, 1991	Made fuel haul to parking lot on mouth of Steel creek with Bobcat Grubbed and stripped area for sluice box to sit Did more stripping of reddish gravel TM started to mve hose for new location of sluice	
	Men, 2 @ \$250 00/ day	\$500.00
	Bobcat, \$250 00/day	\$250.00
June 2, 1991	Early morning (5 am) . Stripping back of pit, brought in coarse material to set up sluice box on. The coarse rock is used to prevent the sluice box from washing out with the over spray	
	Men, 2 @ \$250.00/ day	\$500 00
	Bobcat, \$250.00/day	\$250.00
June 3, 1991	Had a bear visit us last night. The furry four legged creature chewed up some fuel containers so we had to go for more fuel. TM worked on the set up up the sluice box.	
	Men, 2 @ \$250.00/ day	\$500.00
	Bobcat, \$250 00/day	\$250.00
June 4, 1991	Stripping with Bobcat to expose more white channel TM tested sluice box for water pressure, looks good	
	Men, 2 @ \$250 00/ day	\$500.00
	Bobcat, \$250.00/day	\$250.00

June 5, 1991	Set up cash at camp site to keep bears away from food. Sluice box is ready. Sluiced 35 cubic yards, cleaned sluice box. Results, 29 grams for 35 cubic yards. CB headed off to town for more supplies Men, 2 @ \$250 00/ day Bobcat, \$250.00/day Gas (Shell Dawson)	\$500.00 \$250.00 \$50.30
June 6, 1991	Reed Haine (RH) arrived to help TM out. Going to test outside of rim (Insert #3). Started to move pay gravels for test. Visitors arrived around 7:00 pm Men, 2 @ \$250.00/ day, 1 @ \$100 00 Bobcat, \$250 00/day Food (DCGS 75 29 + 69.14)	\$600 00 \$250 00 \$144.43
June 7, 1991	CB back into Montana. TM and RH sluiced white channel, started to rain getting cool. CB stripping with Bobcat. Cleaned up sluice, got 1 oz gold 50 yards Men, 3 @ \$250 00/ day Bobcat, \$250 00/day	\$750 00 \$250.00
June 8, 1991	Still raining. RH took 4 wheeler to parking lot at steel creek. Took pick up to cross roads of Black Hills and Montana Creek. Had to chain up to get out. TM and CB sluiced centre and outside of rim of pit (Insert #3). Cleaned up, got 21 grams. Started to snow as we all caught a ride back to Black Hills, Montana Creek junction on the four (4) wheeler. Headed back to Dawson. Men, 3 @ \$250.00/ day Bobcat, \$250 00/day	\$750.00 \$250.00
June 9, 1991	Lots of rain. CB headed back into Whitehorse from Dawson on business. To muddy to try to make it back into Montana, TM and RH stayed in Dawson.	
June 11, 1991	To Bismark Creek	
June 12, 1991	TM and RH gathered up supplies, paid a few bills and waiting for the roads to dry up. Discussed plans about prospecting on Bismark	
June 14, 1991	and the upper end of Montana. Got back into Montana late on June 14. Men, 2 @ \$100.00/day Food(DCGS) Gas (Shell Dawson)	\$200.00 \$124 91 \$51.08
June 15, 1991	TM and RH moved gear (small sluice, 2" pump, shovels, etc) by 4 wheeler upstream to the mouth of Italian creek off Montana Creek Men, 2 @ \$250.00/day	\$500 00
June 16, 1991	Stephen Mooney and two Mining Engineers came out for a visit. Every one went up to Montana Creek (Insert #5), hand dug a few test pits. Samples were taken from bedrock contacts from trench #2 and #3. Results were more fine gold (colors) with black sand and garnets. RH drove 4 wheeler loaded with gear up to Italian and Montana	

	(Insert #4) Men , 2 @ \$250.00/day	\$500 00
June 17, 1991	TM and RH dug into benchcomming down Italian Creek. Found unusual large amounts of black sand on south facing rim Dug three (3) feet into totally decayed material Rounded quartz was fractured Hit frost layer, started to gather wood and ste up steamer. Men , 2 @ \$250 00/day	\$500.00
June 18, 1991	CB phoned Rod Hill. TM and RH steamed down three (3) feet into a clay and totally decayed bedrock. Took three (3) pans, found colors and black sands in every pan. TM and RH thought they were comming down with something. TM thought it might be high levels of arsnic in the water that was causing their sickness Men , 2 @ \$250.00/day	\$500.00
June 19, 1991	TM and RH gathered wood and hauled more water for the steamer. Dug out natural thaw for shaft #2, steamed down four (4) feet. Mucked out Still feeling weak, slow going, long day. CB back in Dawson from Whitehorse. Gas (Shell Dawson) Men , 2 @ \$250.00/day	\$38.37 \$500 00
June 20, 1991	Chopped more wood, steamed another four (4) feet One (1) foot black muck , three (3) feet reddish gravel. Took a few sample pans , but found no gold Finished mucking out thaw Men , 2 @ \$250 00/day Gas (Shell Dawson)	\$500.00 \$65.21
June 21, 1991	Illness was not getting any better, so TM and RH headed back to main camp on Bismark and Montana Drove out with 4 wheeler to Steel Creek parking lot then back into Dawson. CB still in Dawson. CB picked up supplies in Dawson, met up with Al Serafrichon. Made arrangements to take Al out to Montana Men , 2 @ \$100.00/day Food (DCGS, 17.66 + 41 47)	\$200.00 \$59 13
June 22, 1991	CB and AL Serafrichon out at Montana Creek to show him the site. Al was impressed with what he saw Al suggested we finish off trench in back of pit CB and Al headed back to Air Gold Camp	
June 23, 1991	CB put U-joint into van at Air Gold and headed into Dawson.	
June 25, 1991	CB and Walter Farr loaded up with supplies and headed out to Montana. Early morning trip, used Bobcat to haul Fuel, food into camp Worked on stripping the pit and finishing off the trench Men , 1 @ \$250 00 Gas (Shell Dawson)	\$250.00 \$111.27

	Bobcat, @ \$250 00/day	\$250 00
June 26, 1991	Steady rain and lightning, slow work day, hauled more fuel with Bobcat	
June 27, 1991	Walter Farr worked on grizzly CB stripped gravel in back of pit with Bobcat. Hauled logs with Bobcat for grizzly	
	Men, 1 @ \$250 00/day	\$250 00
	Bobcat, @ \$250.00/day	\$250.00
June 28, 1991	TM arrived, brought two (2) inch Pump out from Bismark Stripping with Bobcat, cut is getting deeper, but still uncovering white channel	
	Men, 2 @ \$250.00/day	\$500 00
	Bobcat, @ \$250.00/day	\$250.00
June 29, 1991	Walter finished working on grizzly. TM working on sluice set up. CB stripping with Bobcat	
	Men, 2 @ \$250 00/day	\$500.00
	Bobcat, @ \$250.00/day	\$250.00
June 30, 1991	CB, more stripping with Bobcat, Walked Bobcat out to parking lot for more fuel and supplies One haul back to camp, then back out to parking lot, and load van, off to Dawson.	
	Men, 2 @ \$250.00/day	\$500.00
	Bobcat, @ \$250.00/day	\$250.00
July 1, 1991	Canada Day	
July 2, 1991	Dawson to Air Gold Camp. Picked up more fuel and two (2) inch line for monitor Haul supplies into camp with Bobcat, two trips.	
	Men, 2 @ \$250 00/day	\$500.00
	Bobcat, @ \$250 00/day	\$250.00
	Gas (Air Gold)	\$111.27
July 3, 1991	Stripping more black muck and reddish gravel with Bobcat, still uncovering white channel	
	Men, 2 @ \$250 00/day	\$500.00
	Bobcat, @ \$250.00/day	\$250.00
July 4, 1991	Making a manifold from 4" down to 1.5" for spray bar Hooking up 2" monitor 2" line has leaks so we have to make 2" joints and get hose clamps Walk Bobcat out to parking lot, TM returns to camp with fuel, while CB heads into Dawson. Long day, arrive Dawson at 11:30 pm <i>Headed back</i>	
	Men, 2 @ \$250 00/day	\$500.00
	Bobcat, @ \$250.00/day	\$250.00
July 6, 1991	Back from Dawson to Air Gold camp. Pick up more fuel and extra	

	clamps , cut out 2" pipe to make joints in broken line Head off to Montana Creek TM worked with Walter on grizzly and sluice to make sure everything is running smoothly, no leaks Gas (Shell Dawson) Men , 1 @ \$250.00/day, 1 @ \$100.00/day	\$97 01 \$350.00
July 8, 1991	Hauled fuel into camp with Bobcat. More stripping in back of pit Walter and FF ^{CP} started sluicing Men, 2 @ \$250 00/day Bobcat, @ \$250.00/day	\$500 00 \$250.00
July 9, 1991	Sluiced 15 cubic yards, cleaned out sluice, got 11 grams of gold Worked late, CB headed back into Dawson for personal business CB arrived dawson early am. Men, 2 @ \$250.00/day Bobcat, @ \$250.00/day	\$500.00 \$250.00
July 10, 1991	CB finished personal business in Dawson, got tire fixed, headed back to Montana.	
July 11, 1991	Gased up pumps, put box together, stripped more reddish gravel down to white channel Had problems with suction on 3 x 4 pump. 2" monitor is working great. Sluiced 25 cubic yards of white channel Checked first riffle at throat of box, can see visible gold showing Men, 2 @ \$250.00/day Bobcat, @ \$250 00/day	\$500 00 \$250 00
July 12, 1991	Sluiced 20 more cubic yards. Finally got back trench stripped, ready for sluicing Cleaned up concentrate got 30 grams. Tryed to take Bobcat out, walked it to other side of bridge. Heavy rains, soft ground , had to walk out, Bobcat was stuck. Men, 2 @ \$250.00/day Bobcat, @ \$250 00/day	\$500.00 \$250 00
July 13, 1991	CB headed for Whitehorse for meeting with Rod Hill.	
July 15, 1991	Met with Barb Campbell, Rod Hill was on holidays. Barb was looking funding for Montana and Bismark Creek work.	

END OF JOURNAL ENTRY

Total **\$35,385.40**

Insert # 1



Montana Base line

700'

3/4 m.

Bismark

Hillside
SEEP

Montana
Bench

200' 180'

300'

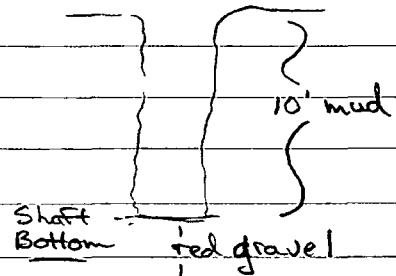
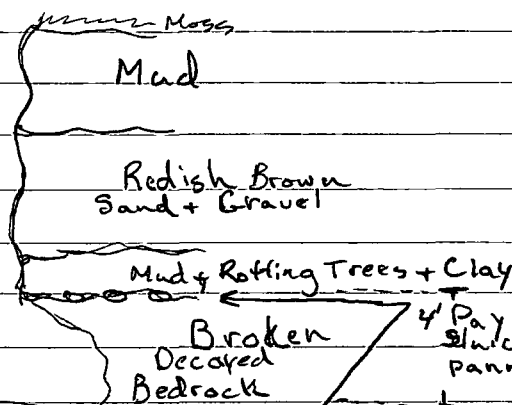
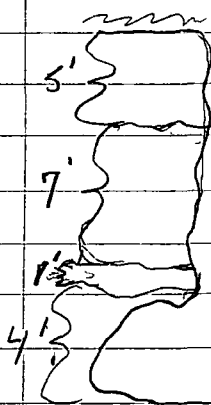
Shaft #2

Creek Channel Boundary

Bench Edges

Shaft #1

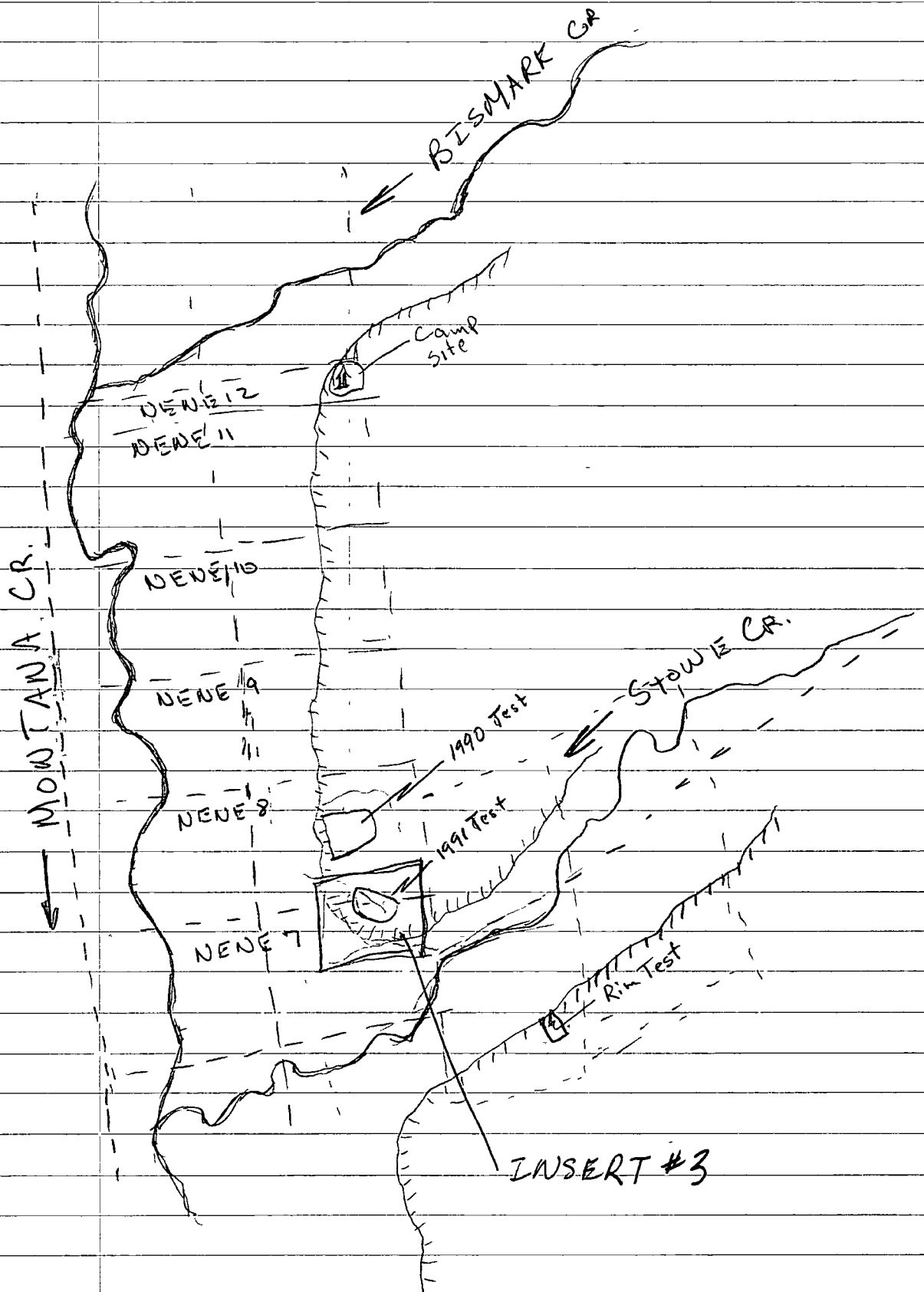
Shaft #2



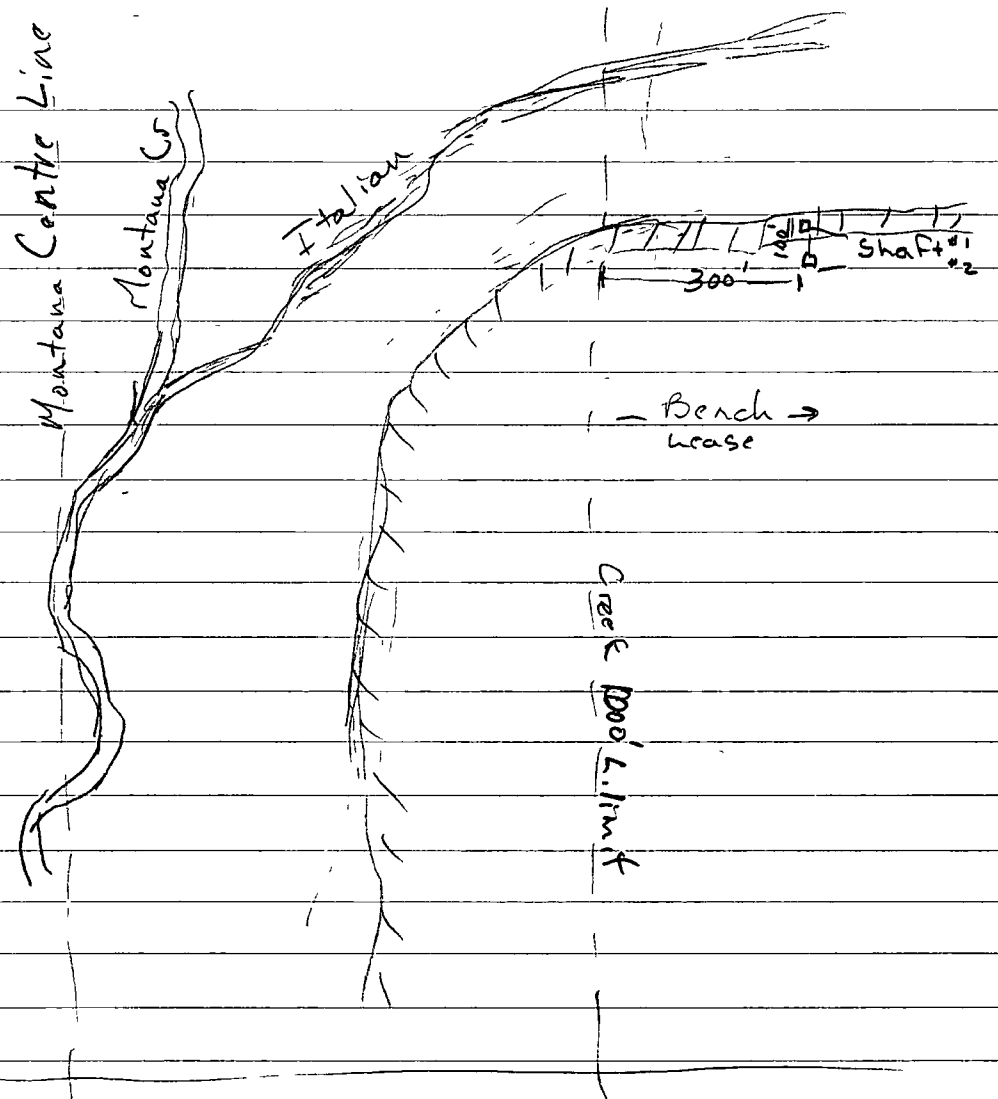
4' Pay Layer that was sliced where color was panned

Under the mud + tree layer on top of the bedrock there was a dark gray stained gravel in single rocks and small pockets going into broken bedrock

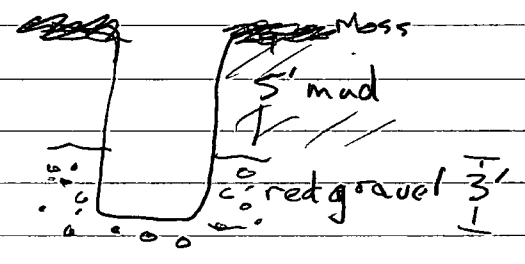
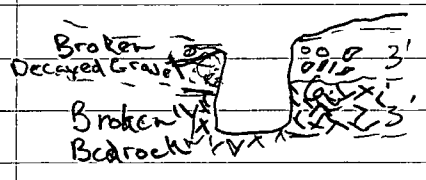
INSERT #2



INSERT #4



1



INSERT

5

