

**YEIP
2008
-010**

Yukon Territorial Government

Exploration Incentive Program

Target Exploration

Sulphur Creek
Dawson mining District

Bulk Placer Test

May 1, 2008 -- Nov. 1, 2008

138 deg 52 min W
63 deg 44 min N

Claim sheet 1150-10i+1150-15c

report
Prepared by Dan Klippert

08-010

PLACER GOLD EXPLORATION: TARGET

LOCATION and ACCESS

The placer claims are accessible by 2 wheel drive and are located approximately 30 miles south of Dawson City Yukon down the Hunker creek and or Bonanza creek road (see fig 1)

INTRODUCTION

Extensive historic gold mining in the Dawson gold fields suggest that mineable placer gold deposits exist on the Sulphur Gold ltd. Creek claims. Gold production figures for Bonanza creek, Hunker creek , Quartz creek , Dominion creek, Sulphur creek and the Indian river documented hundreds of thousands of ounces of gold production, from hand mining, dredge mining and heavy equipment mining. Since 1978 to 2004 Sulphur creek produced 117,000 ozs. of gold. The Sulphur gold ltd claims are located in the mid to upper reaches of Sulphur creek drainage system. (see fig1,2,3 and 6)

GEOLOGY

The Lease lies within the Klondike Schist Subterrane: Metamorphosed upper Paleozoic arc volcanic(=Klondike Schist assemblage and plutonic (Ytp) rocks Ytp + Plutonic rocks superimposed on Nasina and Klondike Schist Subterrane. There are many Historic placer mines surrounding this area. Since their discovery over 100 years ago, the Klondike gold fields have produced an estimated 311 metric tonnes of gold primarily from creek and bench placers that are fluvial in origin and range from Pliocene (approximately 4 million years old) to recent in age. (see Placer gold and glaciation in the Dawson area by Grant Lowey fig 8)

WORK PERFORMED

The test trenches and pits were excavated and sampled in the Sulphur creek valley and bench through June and October utilizing a 235 cat excavator, D8K cat bulldozer, 5yd rubber tired loader a 12yd Kenworth dump truck test sluice plant and six inch isusu pressure pump.

The excavator and Bulldozer were walked to the test sites for preparation and excavation then later in the season back to retrieve test sluice, pump and pipeline.

The 2007 season bulk sample performed three hundred meters upstream of the Sulphur gold ltd. Camp, exposed bench gravels that were disturbed by down cutting of ancient stream action or left limit upheaval. These gravels appeared to be cut off and discontinuous so more exploration was not planned at this location. The spring run off however exposed continuous higher level stream gravels at this location, so before the test equipment was hauled up stream to the proposed 2008 exploration sites an additional bulk sample was performed directly beside the 2007 program. The bulk sample produced fine consistent low grade gold values which may prove to be mineable in the future with rising gold prices.

Approximately 2km upstream of Sulphur Gold camp

Through September of 2007, a test trench was excavated across the valley floor through a section of valley bottom where dredging and mechanical mining had occurred.

The test trench was excavated across the valley floor to expose any of the bedrock had been passed over by the #9 dredge. Through June and July 2008 this exploration trench was extended across the valley and up the left limit of the valley. Through August and October overburden was removed from test sites and the bulk tests were processed. Excavations were extremely difficult due to frozen ground conditions in most areas with some areas having thawed wet mud underlying frozen mud. See fig 1a

Results

For all pit locations see figs. 1a and 2

Pit 1

Upstream of Sulphur camp

Bench Test left limit

Overburden at this location consists of black mud overlying, an orange clay matrix, heavily laden with sharp angular broken bedrock. The rock in the clay matrix is not water worn. This orange clay matrix filled with broken country rock slid over the old stream gravels during down cutting or the upheaval of the left limit of Sulphur creek valley, millions of years ago.

The majority of gold recovered in the test sluice was very fine. The largest piece of gold recovered was paper thin and measured 1/8in. wide.

Ninety eight percent of the gold recovered was smaller than 1/32 in.

Placer gold: .05 grams/cubic yard for all cubic yards excavated through overburden and gravel cross section

Black sand: very fine

Pit 2

Left limit downstream Meadow gulch

Hand panning no truck access

Overburden at this site consists of 20 30 feet of black mud overlying 3 to 6 feet of gravel on bedrock.

See fig 1a and 2

Placer Gold: 1 or 2 colours per pan (values per yard inconclusive)

Black sand: very little

Sulphides: fine and abundant

Pit 3

Left limit downstream Meadow gulch

Hand panning no truck access

Overburden at this location is 20to 30feet of black mud overlying 3 to6 feet of gravel on bedrock.

Placer Gold: 1 or 2 colours per pan (values per yard inconclusive)

Black sand: very little

Sulphides: fine and abundant

Pit 4

In 2008 exploration trench 200 feet from extreme left limit

Overburden consists of 15 feet frozen black mud no gravels

Bulk sample from trench was very poor no gravel encountered previous cat mining excavated all gravel and mineable gold values

Placer Gold: .01 grams/ cubic yard

Black sand: very little

Pit 5

In 2008 exploration trench 200 feet from extreme left limit

Overburden consists 15 feet frozen black mud

Bulk sample from trench was very poor no gravel encountered previous cat mining excavated all gravel and mineable gold values

Placer Gold: .02 grams/ cubic yard

Black sand: very little

Pit 6

In 2008 exploration trench extreme left limit 40 feet mud 3 to 6 feet gravel on bedrock

Placer Gold: .1gr./yd for all cubic yards excavated through mud and gravel cross section

Black sand: coarse and abundant

Pit 7

In 2008 exploration trench extreme left limit 40 feet mud 3 to 6 feet gravel on bedrock

Placer Gold .15grs./yd. for all cubic yards excavated through mud and gravel cross section

Black sand: coarse and abundant

Pit 8

In 2008 exploration trench extreme left limit 40 feet mud 3 to 6 feet gravel on bedrock

Placer Gold .1grs./yd. for all cubic yards excavated through mud and gravel cross section

Black sand: coarse and abundant

Gold description pits 2 through 8

Largest piece was 1/32 thick by 3/8 in diameter several pieces 1/8 in. round and jagged 98 % less than 1/32 thick.

CONCLUSION

Pit 1 exposed continuous bench deposits. Gold recovered in this bench area are low grade but are very encouraging. With rising gold prices this pit indicates there may be mineable reserves in this bench area upstream on Sulphur creek. More exploration in this bench area and upstream of Sulphur creeks will be necessary to determine this. Ancient alluvial gravel are continuous in the face of 2008 bench test site.

Pits 2 and 3 are encouraging however inconclusive more exploration will be needed in his area to determine real values. Deposits of silt and mud from previous mining made access with the excavator very difficult because the area is frozen on top and thawed below, which could engulf operator and machine. More work in future will have to be done to gain trucking access

Pits 4 and 5 bulk sampled toward the center of the valley exposed ground that had been worked out by previous mining away from the virgin left limit. This area was difficult to work in because of frozen and thawed silt and mud which is hazardous for operator and machine.

Pits 6, 7 and 8 exposed good grades of mineable placer gold along a 400 foot face these pits are extremely encouraging. Values for gold were estimated for all material moved however all the gold was found in the 3 to 6 feet of gravel on bedrock. Gold values per cubic yard for the gravel cross section ranged from .50 grs./cubic yard to 1.25 grs./cubic yard. Exact values are difficult to calculate because of contamination from previously worked stream gravels laid in beside virgin gravels.

The 2008 test program was a success however volumes in pit areas 2,3,6,7,and 8 will need more exploration to determine width of deposits up to valley rim. Exploration on the right limit opposite the 2008 exploration and the lower 10 claims of the Sulphur gold ltd. claim package will be necessary to determine if there is enough mineable ground for a feasible long term operation

EQUIPMENT USED

Eagle 500 hp Tractor and 50 ton Low boy

D8K Cat bulldozer

235 Caterpillar excavator

5yd Rubber tired loader

14yd Kenworth dump truck

4x4 pickup

Quad 4x4

Report 2008-12-08

Target Evaluation Program (YMIP 08-010)

Daniel Klippert
P.O. Box 31
Dawson City, Yukon
Y0B 1G0

Final claim

Submitted on Feb. 15, 2009

1	Daily Living Expenses (man days @ \$35.00 / day)	\$	-
2	Travel		
	Truck (km @ \$0.61/km)	\$	-
	Air (fixed wing)		
	Helicopter	\$	-
	Other-vehicle standby	\$	-
3	Analyses / Assay Costs	\$	-
	shipping	\$	-
4	Equipment Rentals		
	D8K - self owned (assumed wet rate) 50hrs @ \$200 x 75%	\$	7,500.00
	235 Excavator -self owned (assumed wet rate) 100 hrs @ \$200 x 75%	\$	15,000.00
	dump truck, 40 hrs @ \$100 x 75%	\$	3,000.00
	4x4 truck, 4 months	\$	1,000.00
	test plant	\$	2,000.00
5	Contractors		
11	Reclamation		
12	Report Preparation	\$	1,000.00
13	Other Expenses	\$	-

TOTAL EXPENSES	\$	29,500.00
TOTAL EXPENSES X 50%	\$	14,750.00

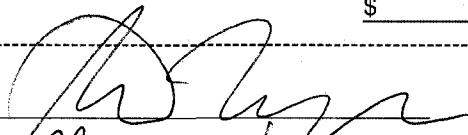
TOTAL AMOUNT IN CONTRIBUTION AGREEMENT	\$	20,000.00
minus 25% (holdback)	\$	5,000.00
AMOUNT REIMBURSABLE PRIOR TO FINAL SUBMISSION FORM & REPORTS	\$	15,000.00

Interim claim(s) (\$ 0.00)	\$	15,000.00
Current claim	\$	14,750.00
Total claim to date	\$	29,750.00
less interim claim 1 payment	\$	15,000.00
allowable current claim	\$	5,000.00

Final claim - Payable...final report received and approved **\$ 5,000.00**

BALANCE UNUSED IN CONTRIBUTION AGREEMENT \$ -

Approved for Payment



Date Approved

Mar 20 / 09

08-010

Yukon Territorial Government
Exploration Incentive Program
Placer Gold
Bulk sample and or Auger drill Exploration
Target Application 2008
Dawson mining area
Sulphur Creek
63 deg 44 min N
138 deg 52 min W

Claim Sheet 1150-10i +1150-15c
Prepared by Daniel Klippert

APPLICATION 2008

Bulk placer gold tests and Drill exploration
Sulphur Gold creek claims.

A bulk sample placer gold prospecting (and or drilling) program is recommended on the Sulphur Gold Placer gold creek claims

LOCATION AND ACCESS

The placer leases are accessible by 2-wheel drive pickup truck and are located 30 miles down the Hunker creek road south of Dawson city Yukon. (see fig 1,2+3)

INTRODUCTION

Extensive historic gold mining in the Dawson gold fields would suggest that mineable placer gold deposits exist on the sulphur gold creek claims

Gold Production for Bonanza Creek, Hunker creek, Dominion creek, Quartz creek, Gold run creek and the Indian river are in the hundreds of thousands of ozs. (see fig 4+5)

Sulphur Gold creek claims are located in the upper reaches of the Sulphur creek drainage system which lies in the middle of all the drainage systems mentioned above. Since 1978 sulphur creek has produced over one hundred and fifteen thousand ounces of gold. This figure does not include the hand mining or dredging production figures from 1898.

According to information gleaned from old work reports from the archives in Ottawa the dredge had a difficult time mining through Sulphur gold ltd area due to large rock and difficult frost conditions encountered close to bedrock. Production figures from the dredge were low although drill results indicated higher grades for this site, however with today's technology these old dredged areas maybe mineable. (archives will be researched further in future)

High grade bulk sample results from 2007 exploration season warrant more extensive exploration.

The bulk placer tests(drilling and or ground penetrating radar) in these areas will help define further mineable placer deposits

CLAIMS

The placer property consists of 30 placer claims as shown on the attached map and listings. The property is 100% owned by Sulphur Gold Ltd. of Dawson City Yukon Terr. (see fig 10)

GEOLOGY

The Sulphur creek drainage lies within the Klondike Schist Subterrane.

Since their discovery over 100 years ago, the Klondike gold fields have produced an estimated 311 metric tonnes of gold, primarily from creek and bench placers that are fluvial in origin and range from Pliocene (approximately 4 million years old) to recent in age. (see Placer gold and glaciation in the Dawson area by G. Lowey fig 7 8+9).

There are many Historic placer mines surrounding this area. (fig 1+6)

Overburden at this site consist of ancient black mud 15-20 ft. deep where Mammoth tusks and bones have been discovered.

GEOCHEMISTRY

Mineralisation on the property consists of disseminated arsenopyrite, Antimony, Bismuth and gold. The target areas are blanket staked with hardrock claims over the Sulphur creek area.

WORKPROGRAM

A bulk sample placer gold trenching program is recommended on the Sulphur Gold Ltd. placer claims located on Sulphur creek. Tests pits are desirable in the upper 2 miles of the claim group in the thawed areas of the left and right creek limits. A bulk sample of Dredge tailings from both upper and lower claim blocks is desirable to determine if these historic workings are mineable. Test material will be transported via truck to a central or most convenient location for processing. This will help establish the existence of a deposit and limits of deposition. Potential trench locations, bulldozer and excavator routes will follow existing routes and new routes will be established in the field after ground is examined. It is desirable to try and trench to bedrock and test sluice a 50 to 100 cubic yard sample using a D8K Caterpillar dozer, 235 Caterpillar excavator, R/T loader, D6C dozer, 16 yd. truck, Grizzled test plant and a 6 inch high pressure water pump. It will be determined in the field which target area will be excavated and tested first, some claims may not be explored, depending on access, frost conditions and finances. Drilling and or ground penetrating radar is desirable on the right limit of the lower mile of claims is possible if suitable machines and or companies can be found. (see fig 1a,2+3)

CONCLUSIONS (rationale)

Exploration results from 2007 on the Sulphur gold Ltd, claims suggests very strongly that large mineable gold deposits exist in the areas upstream of the 2007 exploration seasons exploration targets. High bench gravels produced .9 grams per cubic yd. The test in this case consumed the remnants of this ancient stream channel. This exploration proves that the left limit of sulphur creek was elevated with the shifting of the earths surface thousands if not millions of years ago. This fact suggest that large gold deposit will exist upstream of the 2007 exploration targets.

In light of the interest over the past 110 years in the Klondike gold fields the proposed exploration claims are in the heart of these historic fields. The fact that thousand of ozs. of gold have been extracted from sulphur creek and surrounding historic gold bearing creeks in the immediate surrounding area. A target bulk placer gold sample (and or drilling program and or ground penetrating radar) is warranted, to see if mineable placer gold deposits occur on the property. Indications of mineral potential on this property include levels of elevated gold, arsenic, bismuth and Antimony found in Hard rock gold exploration.

SUMMARY OR TECHNICAL REPORT

Information submitted for rotary(percussion) and auger drilling: an accurate map showing the location of drill holes relative to the local topography and claims boundaries and their bearing and dip;complete drill logs including rock types and mineralisation; the results of physical or chemical tests performed; assays or analysis of cuttings which have been sampled and if no assays are provided, the reasons for their absents;and a summary which outlines the objectives, results and recommendations of the drilling program shall be submitted.

Information submitted for geochemical surveys will be: type and amounts of samples collected, tools used in collecting, survey dates, particular soil horizon sampled, a description of the methods and equipment used and the method of analysing the samples, copies of all the analyses (except where adequate contoured maps are provided showing the data in graphic form),reference to the sample location , a brief description of the topography, an interpretation of the data collected, including references to the available geology and conclusions and recommendations

Information submitted for trenching will be :dates of work carried out, names of all persons who performed the work, the equipment used, an accurate plan showing locations of trenches or other surface workings relative to the local topography and claim or lease boundaries,the dimensions of the workings and the volume of material excavated, assays or other analytical results obtained from the samples or specimens taken from the workings.

Mining land use and water licence will be in place and will be followed accordingly.

D.C. Klippert Exploration Y.M.I.P. Bulk placer gold sample and or drill application
2008

Fig 1a

Areas of Proposed Exploration 2008

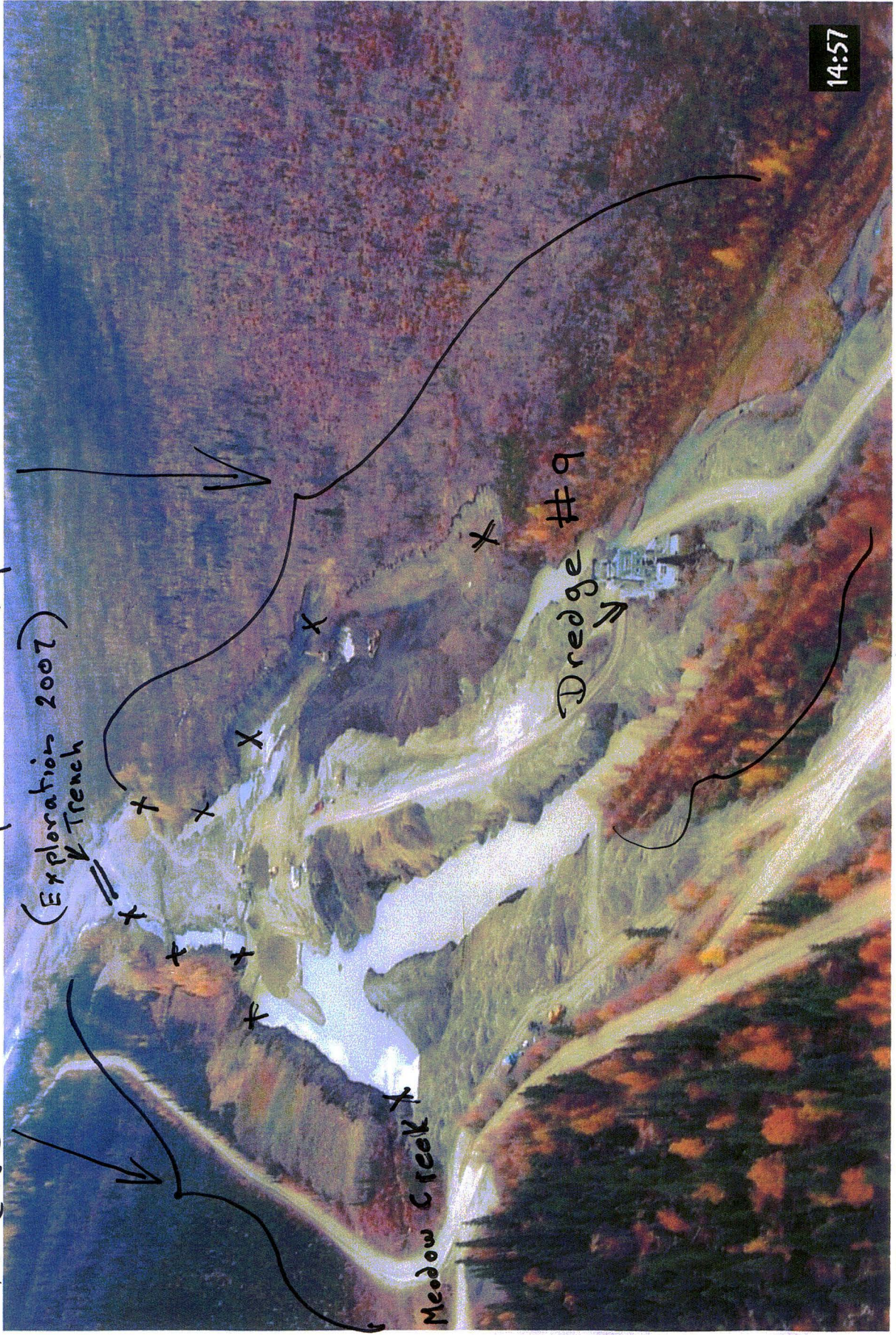


Photo = Sept 20, 2004

Proposed Targets X

Fig 1a

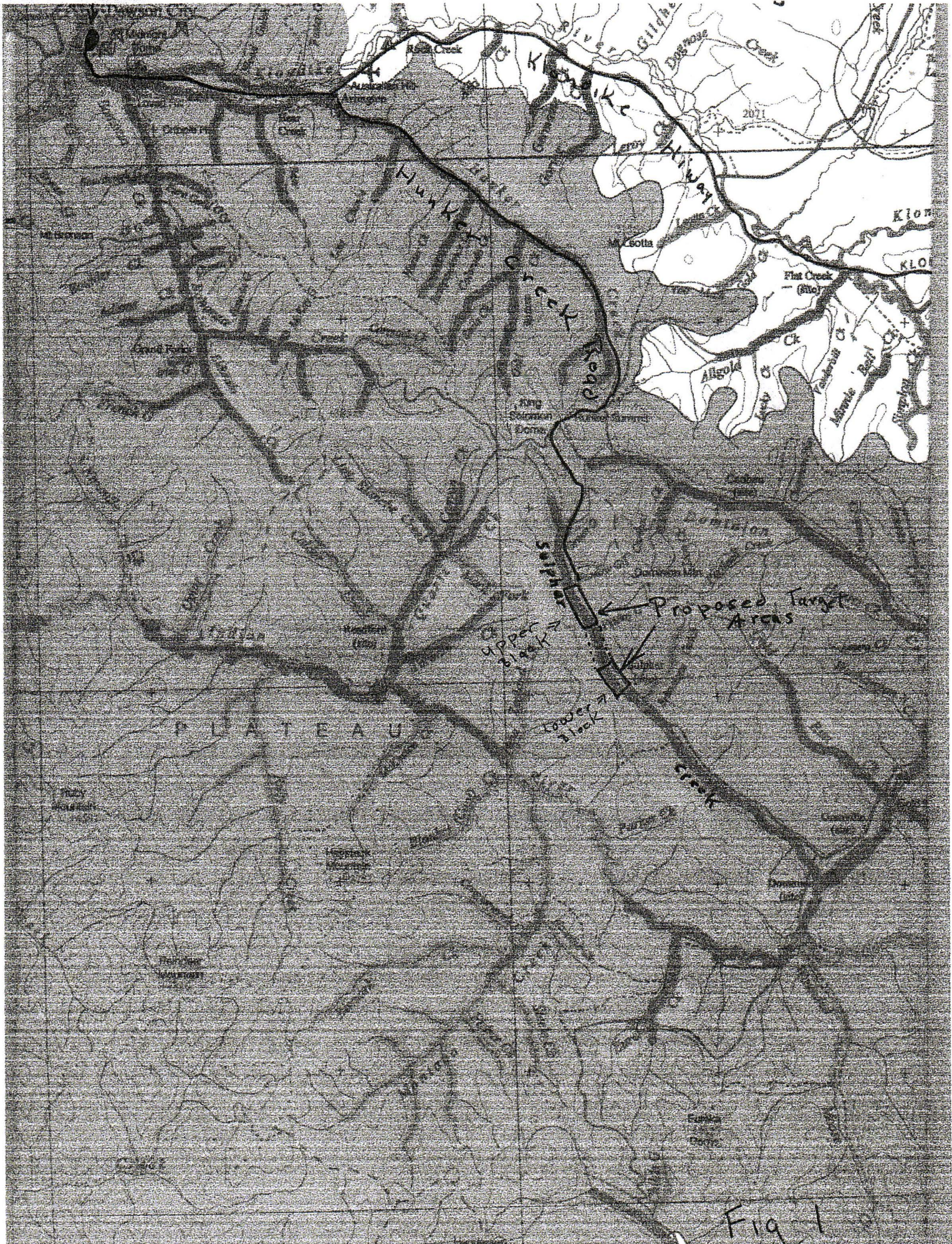
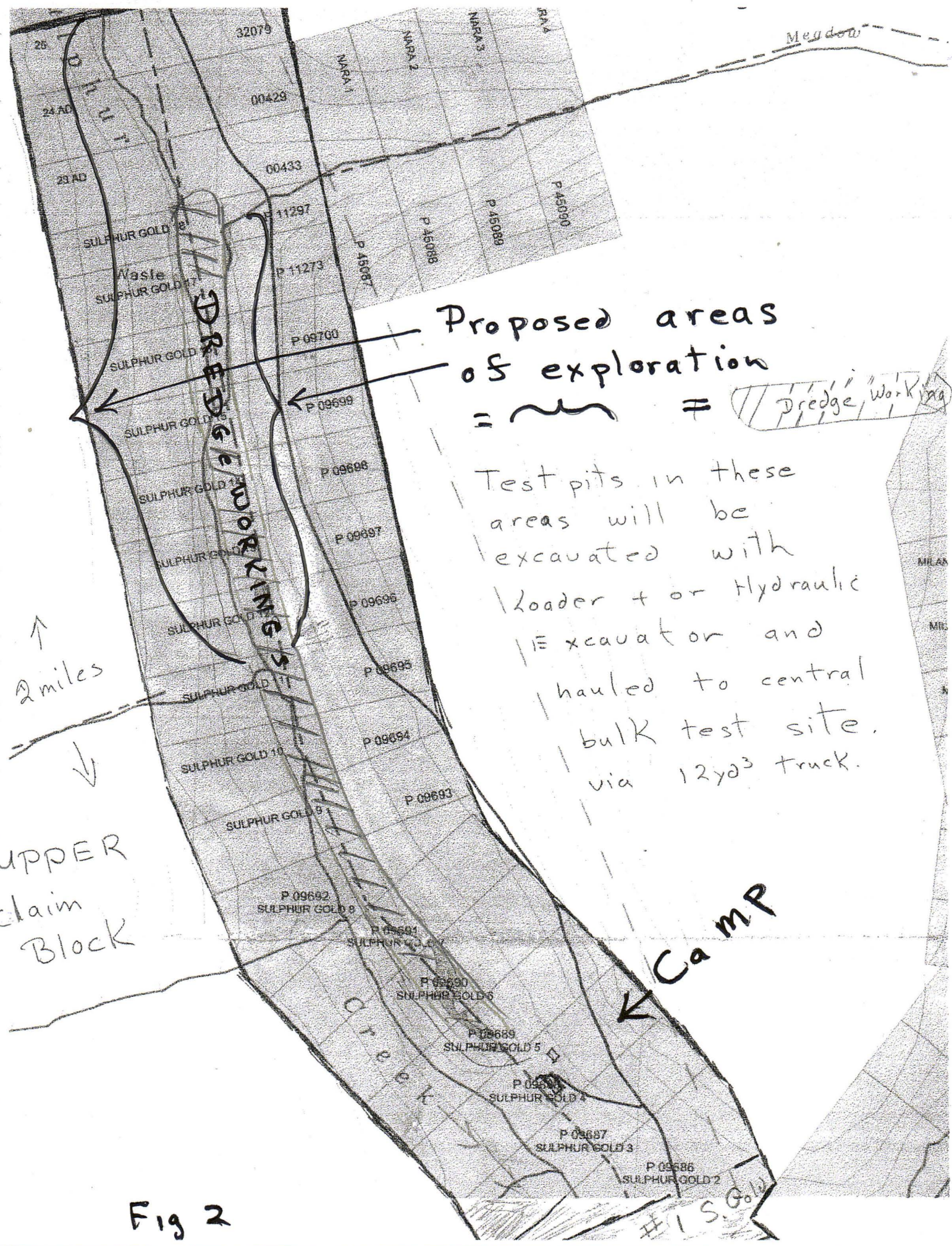


Fig 1



Proposed areas of exploration = ~~~~~ = Dredge Working

Test pits in these areas will be excavated with loader + or hydraulic excavator and hauled to central bulk test site via 12yd³ truck.

↑
2 miles
↓
UPPER claim Block

← Camp

Fig 2

#1 S. Gold

Sulphur
(Site)

Possible Drill
sites = *

Possible Bulk sample
sites in Dredge
Tailings = O

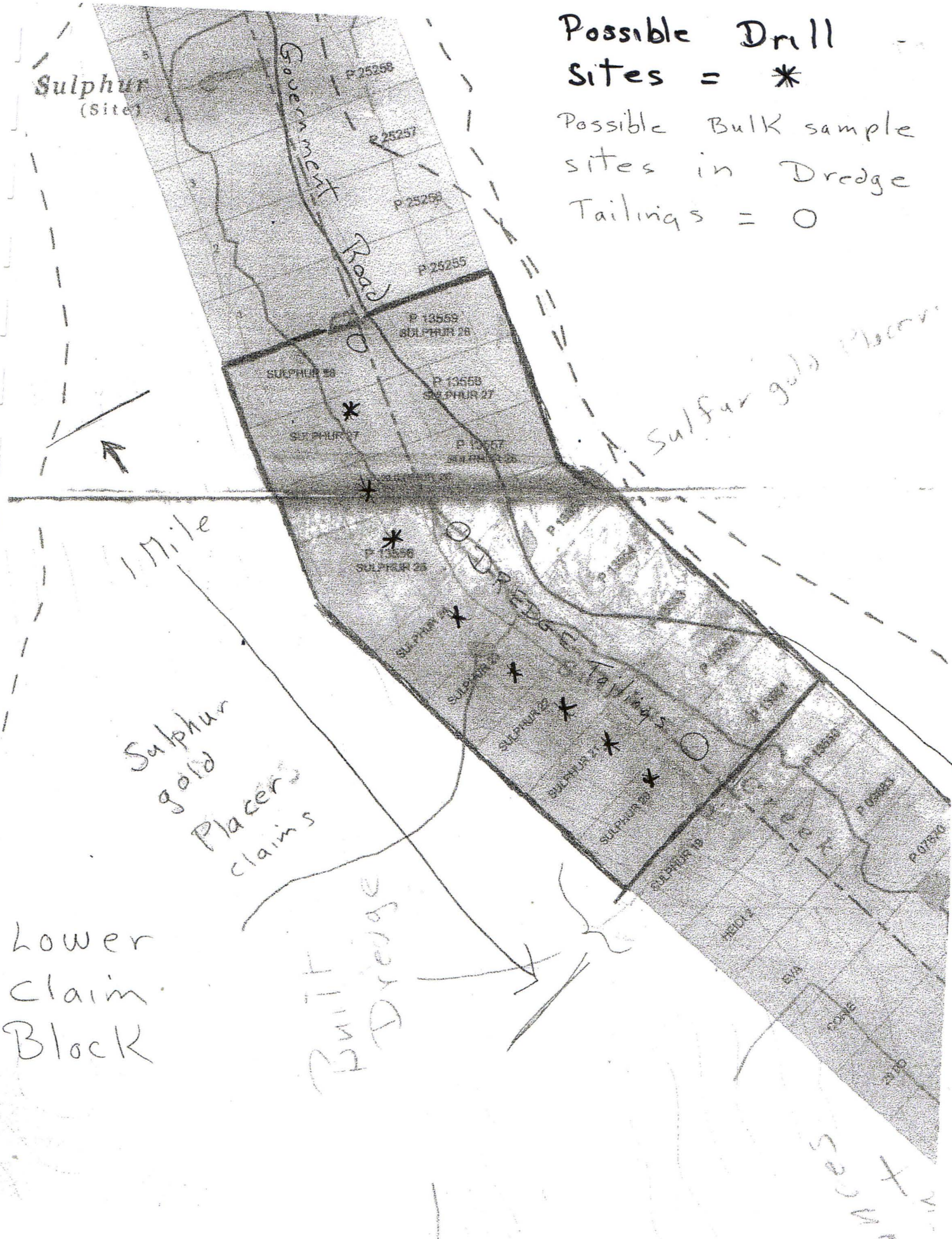


Fig 4

Fig 4
H. 10
H. 4

1978

1987

78 79 80 81 82 83 84 85 86 87

Moose	Fortymile	0	254	23	100	63	0	0	0	0	0
Nugget Hill	Hunker										
O'Neil Gulch	Upper Bonanza										
Poker	Fortymile	0	0	0	0	0	0	10	101	0	0
Quartz	Indian	1195	358	2780	2362	4237	3254	3668	3249	2441	1024
Scroggie	Stewart	0	0	33	1591	0	0	2341	2172	3918	6895
Sestak	Yukon	0	0	0	2	0	0	0	0	0	0
Seven Pup	Victoria Gulch										
Sheep	Firth	0	59	198	80	0	185	212	207	0	0
Sixtymile	Yukon	1131	2070	3214	5475	5011	4795	5926	5239	8014	11676
Sparkling	Yukon								0	0	0
Squaw	Clear	0	0	0	0	10					
Sulphur → SULPHUR	Dominion	0	36	6904	11147	2189	12094	7094	9520	8372	3868
Ten Mile	Sixtymile	828	551	0	1190	3353	2717	4277	3567	3363	3399
Thistle	Yukon	0	0	1401	1201	34	606	14	0	0	162
Thomas	Klondike	0	0	0	0	52	60	122			
Too Much Gold	Klondike	0	0	0	15	0					
Upper Bonanza →	Bonanza	103	960	1563	278	272			0	0	0
Victoria Gulch	Upper Bonanza	0	0	0	0	0	50	0			
80 Pup	Hunker	0	0	0	1087	46	0	20			
Various Dawson Creeks									0	3	5
Total Dawson		13846	18252	47070	79437	59148	81666	78916	85160	91917	120023

Quartz
Scroggie

Sulphur

Upper Bonanza

4

1988

2001

	88	89	90	91	92	93	94	95	96	97	98	99	2000	2001
SE	0	0	0	544	0	8	300	0	0	546	100	258	184.59	25.11
													172.35	231.9
													405.6	0
	0	0	0	0	0	0	0	5	7	9	0	0	0	0
	384	732	6366	3627	2912	4530	3359	5546	2838	3431	1576	1824	1344.85	1259.04
	8394	7036	6121	5718	3658	472	533	770	788	1104	966	60	612.58	954.31
	40	539	399	70	0	0	0	0	0	0	0	0	0	0
													59.145	12.06
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	10160	12710	6003	4516	5560	10093	13003	12967	9974	10185	8403	12824	10395.69	8540.21
	0	0	0	0	0	0	498	1528	357	342	36	0	0	0
													0	0
	4662	3983	2481	1469	2031	1563	2535	2673	4039	3087	5508	6073	5523.131	3473.12
	3477	0	0	0	119	0	727	838	350	221	0	0	0	99.6
	0	2794	2840	797	767	1720	379	3601	2575	1934	143	863	1262.11	2772.4
													0	0
													0	0
	0	923	256	0	0	20	71	168	48	74	113	37	114.35	11.14
													0	0
													67.7	0
													0	0
	0	7043	1310	355	407	264	185	82	37	60	986	167	489.56	290.03
	140790	143850	117458	97164	90169	94140	98796	109575	98340	93848	70853	71137	65226.136	62354.076

Quant
Strong

Sale



	2002	2003	2004
MOOSE	190.92	23.7	234.42
MUGGET HILL		25.34	22.06
	681.84	612.22	718.51
	749.75	716.6	1331.78
		0.52	
	7437.734	5178.31	17026.91
		6.9	
	3687.74	128.585	3428.835
		102.42	827.91
	6137.72	1557.14	9162.62
	11.68	287.56	166.03
	0	14.25	
	87.127	2553.487	2250.93
	59590.852	45275.9	94209.983

Quartz
Scoropite

Sulphur

Fig 5

Fig 5

STREAM or RIVER	Tributary to	78	79	80	81	82	83	84	85	86	87	Year
Dawson Mining District												
Allgold	Flat	144	218	70	206	382	260	24	69	0	151	←
Adams Gulch	Bonanza	7	8	184	93	233						
Ballarat	Yukon	0	0	0	263	791	208	874	1077	163	472	
Barker	Stewart	0	0	25	80	162	11	6	22	80	1182	
Barlow	Clear	0	0	0	0	41	0	8	0	103	0	
Bear	Klondike	761	146	2830	5227	1096	522	0	73	1384	647	
Bedrock	Sixtymile	27	15	100	0	134	117	198	232	403	101	
Big Gold	Sixtymile	0	0	34	0	677	942	0	952	0	0	
Black Hills	Stewart	2234	1732	3181	3068	29	4530	6574	3829	4830	6857	Black Hills
Bonanza →	Klondike	579	1637	3037	4785	8979	12802	5380	8567	10120	15284	Bonanza
Brewer	Stewart								0	0	0	
Caribou	Dominion											
Clear	Stewart	385	620	938	2400	2689	6372	2991	3680	3646	4834	
Dominion	Indian	177	552	2884	11792	4510	6266	9674	11151	8616	13360	Dominion
Eldorado	Bonanza	737	1042	1783	2075	3244	3095	3320	3369	3356	2914	
Excelsior	Yukon	5	0	3	0	0	0	0				
Eureka	Indian	351	2724	3568	8054	8483	2028	1722	3416	2355	2982	Eureka
Fortymile	Yukon	0	0	0	3	191	163	161	195	153	159	
Foster Gulch	Klondike	0	0	0	0	0	42	0				
Frisco	Yukon											
Gay Gulch	Eldorado	0	0	0	215	520	667	98				
Glacier	Sixtymile	219	411	251	497	41	567	481	48	223	884	
Gold Bottom	Hunker	379	24	1367	1332	984	473	626	0	0	0	
Gold Hill	Bonanza											
Gold Run	Dominion	0	0	21	0	126	550	944	1127	1129	7288	Gold Run
Henderson	Stewart	2874	900	3265	2759	32	2969	2918	2762	857	854	
Hester	Hunker											
Hobo	Klondike	10	8	0	0	0	0	0	54	0	0	
Honestake Gulch	Upper Bonanza											
Hunker →	Klondike	1246	2164	2393	4731	2861	7844	10303	12020	12910	8355	HUNKER
Independence	Hunker											
Indian →	Yukon	0	0	0	0	0	242	433	2143	9835	15774	INDIAN
Josephine	Yukon	0	0	17	12	0	0	0				
Kirkman	Yukon								61	91	128	
Klondike	Yukon								213	95	157	
Last Chance	Hunker	75	18	137	131	1528	71	149	0	0	0	
Little Blanche →	Quartz											Little Blanche
Little Gold	Sixtymile	0	0	724	754	512	686	1018	693	0	0	
Lousetown Bench	Yukon	0	0	0	162	342	250	183				
Maiden	Fortymile	0	0	0	0	0	0	0	0	0	0	
Maisy May	Stewart	0	0	538	1815	645	557	368	2386	2852	5542	
Matson	Sixtymile	315	1745	2416	1670	32	71	972	50	88	0	
Miller	Sixtymile	64	0	1188	2785	4617	5600	5807	2916	2517	5069	←
Mint Gulch	Hunker											
Montana	Indian											

Black Hills
Bonanza

Dominion

Eureka

Gold Run

HUNKER

INDIAN

Little Blanche

88	89	90	91	92	93	94	95	96	97	98	99	2000	2001
633	1565	1495	719	0	0	280	893	1516	139	0	0	0.65	0
483	448	1025	308	1214	1122	1371	1561	2034	1663	1001	0	0	0
0	3	38	158	0	96	0	0	0	0	84	0	0	0
0	13	118	27	40	204	43	28	9	71	0	0	0	0
433	244	594	954	683	606	151	91	177	51	51	335	0	0
0	1320	1149	0	0	0	0	0	0	0	0	0	0	0
0	32	0	0	0	0	0	0	0	0	0	0	0	0
3767	2843	2695	1853	2113	1587	228	3365	5882	7106	3804	3543	4690.37	6424.31
9824	5368	2827	5400	2592	2896	3433	2902	3938	3318	2437	1801	2192.18	3000.88
0	0	0	0	0	0	0	21	20	0	0	0	0	0
													105.96
4290	6725	9372	6930	3227	2536	3005	3330	2292	1607	1724	481	244.1	275.54
16190	25627	19017	19387	18652	12044	16700	15984	18506	13885	15731	14828	15084.49	12733.146
3790	2175	429	713	483	902	63	746	158	179	352	2515	393.4	0
											0	0	0
3623	2104	901	709	200	525	640	509	811	1102	3181	5308	3107.6	622.93
324	179	273	83	259	83	60	30	154	94	398	77	11.61	1.13
												0	0
												0	0
1336	3039	2226	2395	731	0	545	1097	4	121	469	133	99.5	0
0	1179	987	858	16	685	594	1198	1787	823	816	858	1049.5	574.51
												0.14	0
8520	5464	10172	7891	9655	11182	8669	13551	10963	20108	308	318	859.83	1890.52
1624	1385	1768	1867	3858	3476	510	65	2023	1862	883	1284	725.26	1020.15
												19	0
												77.3	51.55
17423	17046	11311	12084	11089	10019	12392	9889	10356	7733	10185	7757	5918.69	6363.56
												30.48	0
30482	20865	19086	12196	12894	16545	19841	18303	10636	8858	8340	6800	6619.99	3838.55
											0	0	0
81	46	310	498	87	411	212	255	416	1020	435	783	0	0
393	2207	2525	1145	2573	3709	1553	1282	387	51	651	628	340.75	81.5
0	0	0	0	2044	2956	4095	2138	2750	2012	791	1074	2295.03	6747.07
												274.33	182.54
364	57	0	0	0	0	0	1	0	0	0	0	0	47.82
												0	62.42
0	0	0	0	0	0	0	0	0	0	0	0	0	0
4063	3991	543	1175	789	143	0	0	0	1	0	0	0	21.72
0	244	31	0	193	2596	2821	3867	1974	871	1383	508	0	0
6026	3921	2790	2718	1323	1147	0	291	534	180	0	0	0	1.35
												400.35	0
												201.8	162.38

Black Hills
Bonanza

DOMINION
ELDO

Eureka

Gold Run

HANKER

Indian

L. Blount

All gold
Adams

2002	2003	2004
		175.54
479.9	772.28	2724.015
3656.284	2759.187	2161.04
242.72		57.88
214.35	222.6	341.22
14527.385	10014.306	23072.14
	59.32	552.01
37.35	207.639	536.72
452	193.1	
1070.441	56.18	174.38
2451.66	2499.56	3881.69
759.49	301.66	1135.97
42.46		
32.938		
7397.89	7884.142	6522
64.94	45.43	127.61
1762.438	2276.93	4439.94
	474.16	1262.62
121.16		
5969.71	5426.95	10130.18
167.28	113.23	46.49
158.98	50.41	
0	0	51.24
25.01	89.89	
156.784	348.614	1503.733
382.101		
245.52		
187.55	273.28	143.56

Black hills
Bonanza

Dominion

Burella

Gold Run

HUNKER

Indian

L Blanche

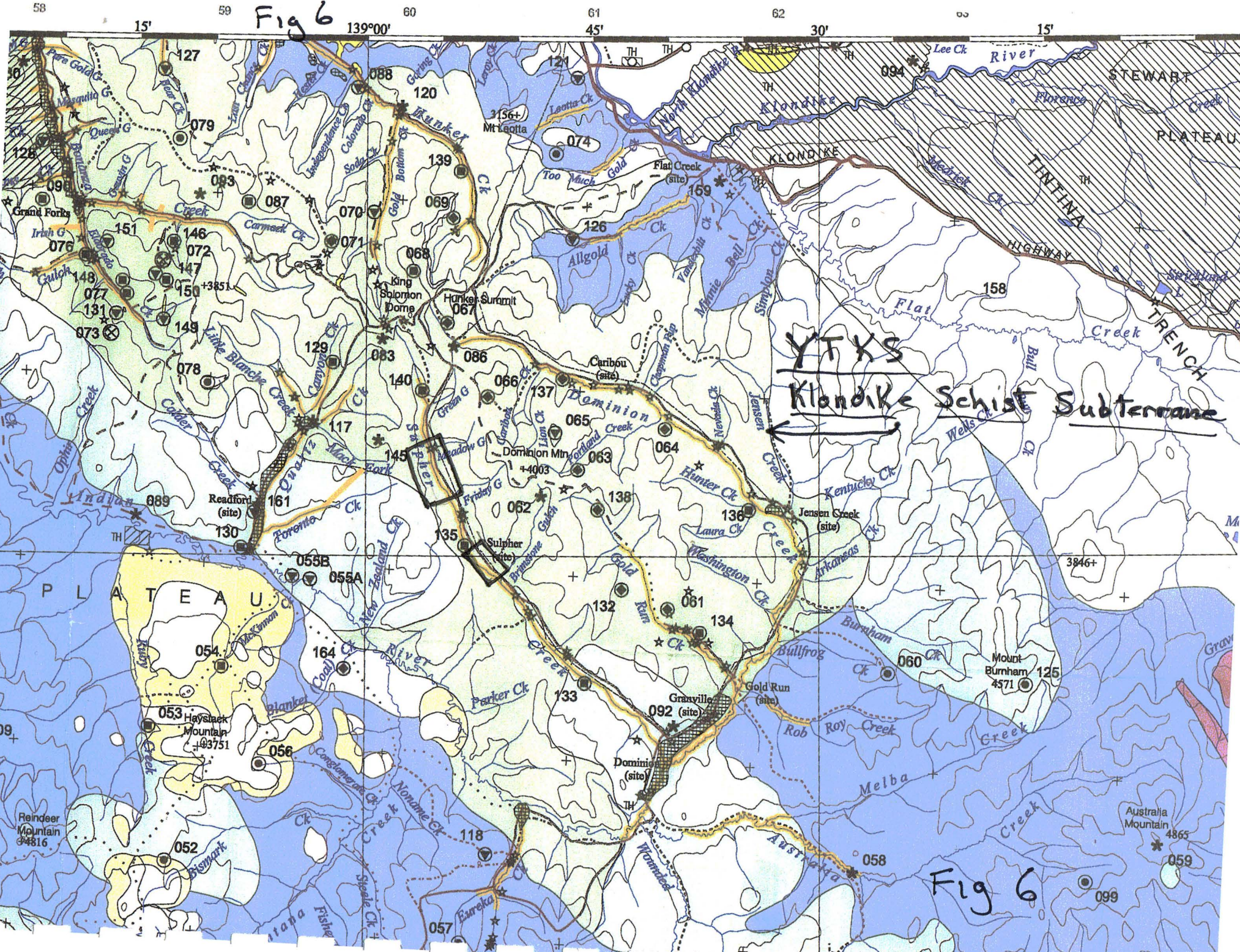


Fig 6

YTKS
Klondike Schist Subterrane

Fig 6

15'

58

139°00'

60

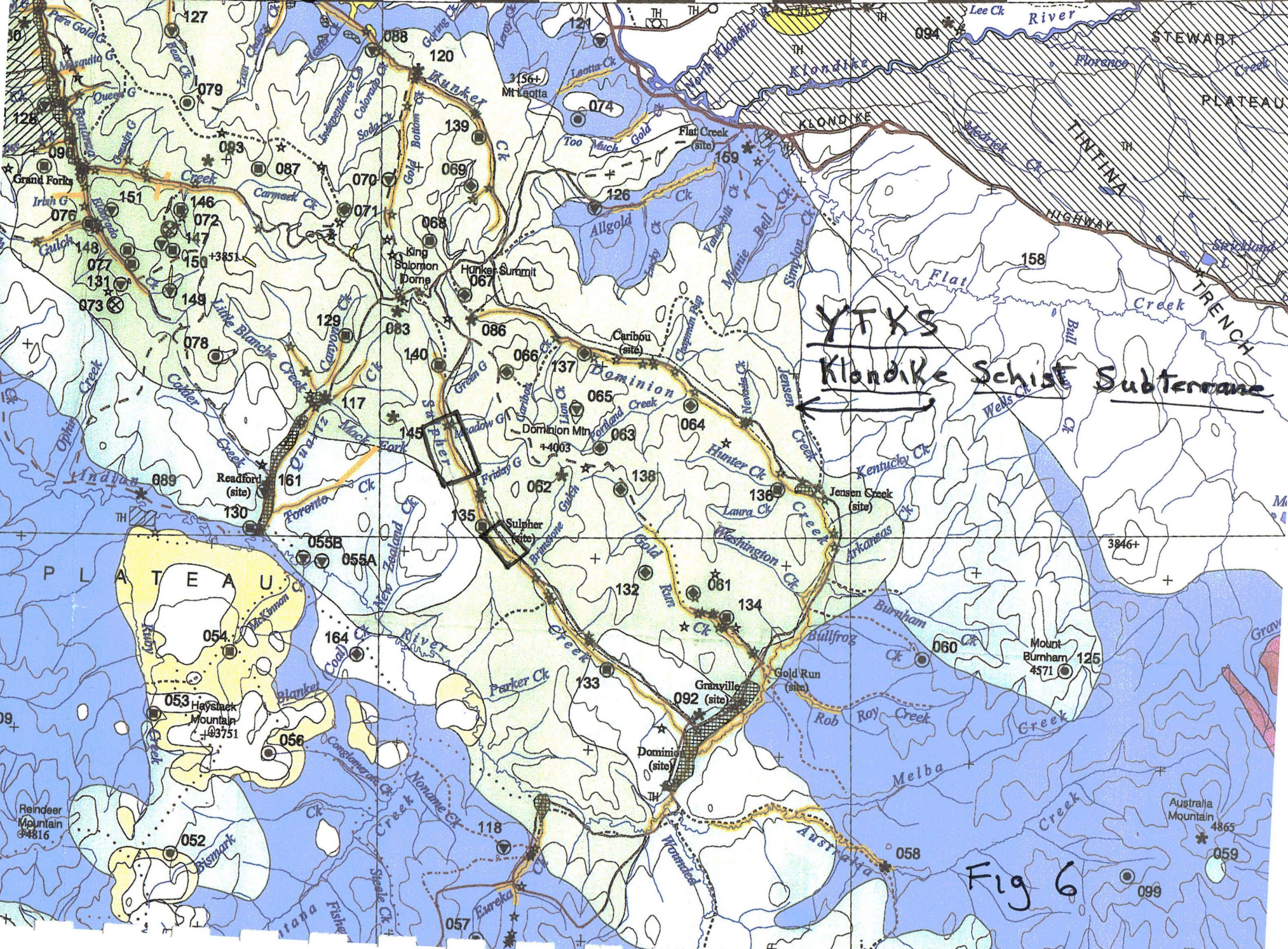
61

45'

62

30'

15'



Map labels include: Pure Gold Cr., Marquette G., Queen G., Grand Forks, Irish G., Gulch, Ophir Creek, Indian Creek, Readford (site), Haystack Mountain, Reindeer Mountain, Blanka, Constance Cr., Noname Cr., Eureka, Sulphur, Dominion, Hunter, Laura, Bullfrog, Rob Roy, Melba, Australia, Jensen, Kentucky, Arkansas, Washington, Gold Run, Bullfrog, Rob Roy, Melba, Australia, Mount Burnham, Australia Mountain, Lee Cr., River, Stewart Plateau, Tintina Trench, Klondike Highway, Flat Creek, Too Much Gold, Allgold, Caribou, Dominion Mt., King Solomon Dome, Hunker Summit, Hunker Cr., Minkie Bell Cr., Simpson Cr., Nevada Cr., Hunter Cr., Laura Cr., Washington Cr., Gold Run, Bullfrog, Rob Roy, Melba, Australia, Jensen Creek, Kentucky Cr., Arkansas Cr., Washington Cr., Gold Run, Bullfrog, Rob Roy, Melba, Australia, Mount Burnham, Australia Mountain.



Category B Lands or Fee Simple
(First Nation has ownership of surface only)



Site Specific Settlement Lands - area too small to be shown at this scale.
(For category designation, see individual First Nation Final Agreement)

(Refer to
Fig 6)

GENERALIZED GEOLOGY:

POST-TERRANE AMALGAMATION/ACCRETION UNITS:

PLUTONIC:



Pp - Paleogene post-accretion plutons



LKp - Late Cretaceous and Early Tertiary post-accretion plutons



mKp - mid-Cretaceous post-accretion plutons



EJP - post-amalgamation plutons characteristic of Stikinia but also intruding Yukon-Tanana Terrane coeval and compositionally similar plutons characteristic of Quesnellia also intruding Yukon-Tanana

SEDIMENTARY / VOLCANIC:



Qs - Quaternary cover beneath which terrane boundaries cannot be extended with confidence



TQv - largely basalt (Tertiary(?) and Quaternary)



Tvs - Tertiary felsic to mafic volcanic rocks and interbedded terrestrial sedimentary rocks



uKv - Upper Cretaceous mafic and lesser felsic volcanic rocks, mostly Carmacks Group



JKs - Jurassic and Lower Cretaceous sedimentary rocks overlapping Wrangellia and Alexander terranes (Dezadeash); minor contemporaneous fluvial sedimentary rocks above Stikinia (Tantalus)

CRATON MARGIN:



NA - ANCESTRAL NORTH AMERICA: Lower Proterozoic to Carboniferous passive and offshore continental margin sedimentary rocks, Devonian to Carboniferous clastic wedges and Pennsylvanian to Jurassic-Cretaceous continental margin prism

TERRANES:

PERICRATONIC: rocks possess elements of passive margin sedimentation but differ in stratigraphic or structural characteristics from the ancestral North American margin



YTNA - NASINA SUBTERRANE: Metamorphosed early(?) to mid-Paleozoic continental margin with superposed Late Devonian and Early Mississippian arc volcanic (= Nasina assemblage) and (YTp) plutonic rocks



YTKS - KLONDIKE SCHIST SUBTERRANE: Metamorphosed upper Paleozoic arc(?) volcanic (= Klondike Schist assemblage and plutonic (YTp) rocks



YTa - AMPHIBOLITE SUBTERRANE: Amphibolite of uncertain subterrane affinity; may include Slide Mountain Terrane



YTp - Plutonic rocks superposed on Nasina and Klondike Schist Subterrane

ACCREDITED. INTERMONTANE SUPERTERRANE:

Placer deposits in the Dawson area are dominated by the Klondike goldfields which extend from the Klondike River south to the Indian River, and from the Yukon River east to Flat Creek. Since their discovery over 100 years ago, the Klondike goldfields have produced an estimated 3.1 metric tonnes of gold, primarily from bench and creek placers that are fluvial in origin and range from Pliocene (approximately 4 million years old) to recent in age. The placer deposits have historically been classified as high-level gravel (e.g., the White Charnel Gravel), intermediate-level gravel (e.g., Mt. Light Dome and Archibald's Bench) and low-level gravel (e.g., Bonanza and Hunker creeks and the Klondike River). Other important placer deposits are located in the Stuy Mills River area and the Stewart River - Yukon River area (i.e., Black Hills, Scroggie and Thistle Creeks).

Most of the placer gold deposits in the Dawson area are located beyond the Cordilleran glacial limits. These limits are generally grouped into three main glacial episodes referred to as the pre-Reid (about 3 million years old), Reid (about 200,000 years old) and McConnell (about 22,000 years old). Only the pre-Reid glaciation directly affected placer deposits in the Dawson area by scouring creek and river bottoms and burying high-level placers with glacioluvial outwash called the Klondike Gravel. However, the repeated glaciations had an indirect effect on the formation of placer deposits by bringing about climatic change and cycles of aggradation and incision. It is now thought that the change from a non-glacial period to the pre-Reid glacial episode resulted in aggradation and deposition of the high-level White Charnel Gravel, whereas the change from the pre-Reid glacial episode to an interglacial phase resulted in incision and erosion of the gravel and the formation of the high-level terraces. Smaller cycles of aggradation and deposition of surficial gravel deposits, and their subsequent incision and erosion, may be due to climatic change related to the Reid glaciation and the McConnell glaciation (i.e., the deposition of low-level gravel along Bonanza and Hunker creeks and the Klondike River).

by Grant
Lowrey

DATA SOURCES AND ACKNOWLEDGEMENTS:

Placer activity was compiled using the local knowledge of Yukon Geology Program placer geologists, G. Lowrey & W. LeBurger; placer occurrence locations from 1 : 250 000 scale Yukon MINIFILE 2001 maps; gold bearing streams reported on Gilbert's (1979) "Treasure map"; and placer operation locations from the Indian and Northern Affairs Canada Placer MINIFILE Database.

Glacial limits and deposits are from Duk-Rodkin's 1:250 000 scale compilation (1998b). Alternative Pre-Reid limits based on Bostock's work are also shown in the Stewart River area, as proposed by Jackson et al. (2001).

Topographic base provided by Natural Resources Canada in conjunction with Yukon Land Information Management System (LIMS). Roads and trails were modified by Department of Renewable Resources, Yukon Government.

REFERENCES:

- Duk-Rodkin, A., 1998a. Glacial limits map of Yukon Territory. Geological Survey of Canada, Open File 3694, Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Geoscience Map 1998-2, 1:1 000 000 scale.
- Duk-Rodkin, A., 1998b. In Yukon Digital Geology, Gordon, S.P. and Makkepeace, A.J. (comp.) Geological Survey of Canada Open File D3825 and Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada, Open File 1998-1(D) (1:250 000 scale).
- Gilbert, G.W., 1979. Yukon Placer 1979 "Treasure Map." Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.
- Jackson, Jr., L.E., Shimamura, K., and Huscoff, C.A., 2001. Late Cenozoic geology, Ancient Pacific Margin NATMAP Project, Report 3: A re-evaluation of glacial limits in the Stewart River basin of Stewart River map area, Yukon Territory. Geological Survey of Canada, Current Research 2001-A3, 8 p.
- Yukon MINIFILE - Mineral Occurrence Maps (1:250 000 scale), 2001; Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.
- Yukon Placer MINIFILE Database. Unpublished database; Exploration and Geological Services Division, Yukon Region, Indian and Northern Affairs Canada.

RECOMMENDED CITATION:



Fig 8

DAWSON AREA PLACER ACTIVITY MAP


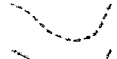


Scale 1: 250 000

LEGEND







PLACER ACTIVITY:

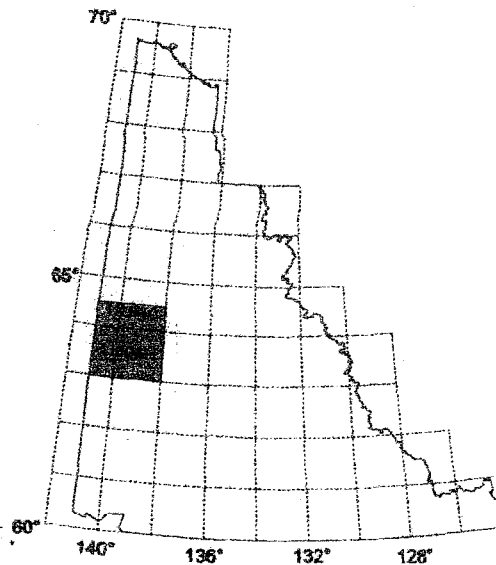
-  Major gold-bearing streams with significant mechanized placer mining operations
-  Proven or potential gold-bearing streams with some prospecting or exploration history, but no significant mechanized placer mining operations.

GLACIAL LIMITS:


-  Established (Duk-Rodkin, 1999b)
-  Estimated (Duk-Rodkin, 1999b)
-  Interpolated (Duk-Rodkin, 1999b)
-  Alternative limits based on Bostock (Jackson et al., 2001)

GLACIAL DEPOSITS:

-  McConnell (ca. 22 Ka) (Duk-Rodkin, 1999b)
-  Reid (ca. 200 Ka) (Duk-Rodkin, 1999b)
-  Pre-Reid (from ca. 3 Ma) (Duk-Rodkin, 1999b)
-  Unglaciaded (Duk-Rodkin, 1999b) = Area of prospect.
-  Alternative Pre-Reid; based on Bostock (Jackson et al., 2001)
-  Alternative unglaciaded; based on Bostock (Jackson et al., 2001)



OTHER GLACIAL FEATURES:

-  Major ice flow direction (Duk-Rodkin, 1999a)

BASEMAP FEATURES:

- | | |
|--|--|
|  Seaplane Base |  Highway |
|  Heritage Sites |  2 Wheel Drive |
|  Seaplane Base |  4 Wheel Drive |
|  Tower |  Trail |
|  Building |  Winter Trail |
|  Built-Up Area |  Other |
|  Campground |  Territorial Boundary |

Fig 9

Claim Name and Nbr.	Grant No.	Expiry Date	Registered Owner	% Owned	Excess NTS #'s
R 23 AD	00433	2007/10/11	Sulphur Gold Placers Ltd.	100.00	48 115O15c
R 24 AD	00429	2007/10/11	Sulphur Gold Placers Ltd.	100.00	43 115O15c
R 25 AD	32079	2007/10/11	Sulphur Gold Placers Ltd.	100.00	43 115O15c
R Sulphur 1 - 16	P 09685 - P 09700	2007/10/11	Sulphur Gold Placers Ltd.	100.00	64 115O15c
R Sulphur 20 - 23	P 13551 - P 13554	2007/10/11	Sulphur Gold Placers Ltd.	100.00	63 115O10i
R Sulphur 24 - 28	P 13555 - P 13559	2007/10/11	Sulphur Gold Placers Ltd.	100.00	62 115O10i, 115O15c
R Sulphur Gold 17	P 11273	2007/10/11	Sulphur Gold Placers Ltd.	100.00	64 115O15c
R Sulphur Gold 18	P 11297	2007/10/11	Sulphur Gold Placers Ltd.	100.00	64 115O15c

Criteria(s) used for search:

CLAIM STATUS: ACTIVE & PENDING OWNER(S): SULPHUR GOLD PLACERS LTD. REGULATION TYPE: PLACER

Fig 10

Total claims selected : 30

Left column indicator legend:

- R - Indicates the claim is on one or more pending renewal(s).
- P - Indicates the claim is pending.

Right column indicator legend:

- L - Indicates the Quartz Lease.
- F - Indicates Full Quartz fraction (25+ acres)
- P - indicates Partial Quartz fraction (<25 acres)

- D - Indicates Placer Discovery
- C - Indicates Placer Codiscovery
- B - Indicates Placer Fraction