Regional Geologist, Smithers **Date Approved:** 2007.06.19 **Off Confidential:** 2007.11.14

ASSESSMENT REPORT: 28799 **Mining Division(s):** Atlin

Property Name: Blind Creek

Location:

NAD 27	**Latitude:** 59 26 01	**Longitude:** 133 29 49	**UTM:**	08	6589092	585264
NAD 83	**Latitude:** 59 26 02	**Longitude:** 133 29 55	**UTM:**	08	6589328	585166
NTS:	104N06W					
BCGS:	104N043					

Camp: 053 Atlin Camp

Claim(s): 510928, 510932, 521544-565, 521575-581, 521589-601

Operator(s): Blind Creek Resources Ltd.
Author(s): Blind Creek Resources Ltd.

Report Year: 2007

No. of Pages: 110 Pages

Commodities Searched For:

General Work Categories: PROS

Work Done: Prospecting
PROS Prospecting (10000.0 ha;)

Keywords: Permian-Mississippian, Cache Creek Complex, Nakina Formation, Horsefeed Formation, Kedahada Formation, Ultramafic rocks, Limestones, Marbles, Cherts, Argillites

Statement Nos.: 4111349

MINFILE Nos.:

Related Reports:

Qualifications of report writer.

Began field work in April 1966. Trained by B.C. Forest Service to field locate, map, and cruise timber. First put in charge of small field crews 1967. Seventeen years with Forest Service , always field location, mapping ,crew supervision. Vancouver, Courtenay, Powell River, Texada Island, Tatla Lake, Quesnel, Wells.

Prospecting hobby started to become employment, to point where last many years work entirely mining industry.

I have located thousands of claims, usually with a small crew, both placer and hardrock, and field located many boundaries.

I have prospected with ancient prospectors like Bob Mickle and Harold McGowan and Arnie Drinkwater. I have been in the field with many geologists, Dr. Norman Tribe, Dr Richard Hall, Ned Reid, Jean Poutler, Jim Yin, Vin Campbell.

I have hunted claim posts with claims inspector Dennis Lieutard.

Have attended numerous seminars etc sponsored by mines ministry and others over the years. Have attended both Kamloops and Vancouver mining shows. Roundup.

Have received and carried out prospector grant, Mt Tom, Wells area.

Have many times taken samples, both rock and soil, and submitted for assay. Have done this on property held by myself and have done the same work many times for others. Ray Adams. Evan Williams, International Wayside, Gemco Minerals, Alan Tipman.

Have held mining ground for many years. Currently hold interest in several mineral tenures Wells and Princeton areas, as well as 4 placer LPM's Wells area.

I have carried out over 50 claim to lease conversions for myself and others. Lease of Placer Minerals.

Worked at Mosquito creek gold mine mill for over one full year. Worked for Bruce MacGregor placer mining little swift river one whole summer. Worked two summers placer mining for Nelbar Services , Pinus creek, swift river, Burns creek.

If above experience and qualification are not sufficient I can get Brad Davies to re write the report. He is after all a fully qualified prospector having attended and passed an 8 day course recently. I include a copy of the report he prepared for the company in this report.

My main function on the Atlin job was to ensure efficient use of crew time and to see that all access was explored. We were trying to find something new in a camp many

times explored, but not well reported or mapped. Much of the area is covered with overburden, but by a great deal of walking on ridge tops and other likely areas, bedrock was often found and explored. Wherever there was any sign of mineralization, samples were taken.

The maps included show the "track" where we traveled and the sample numbers where these were taken. I've printed these at a scale that gives some perspective and some topographic features. They can be reproduced at any other scale if desired.

Doug Merrick

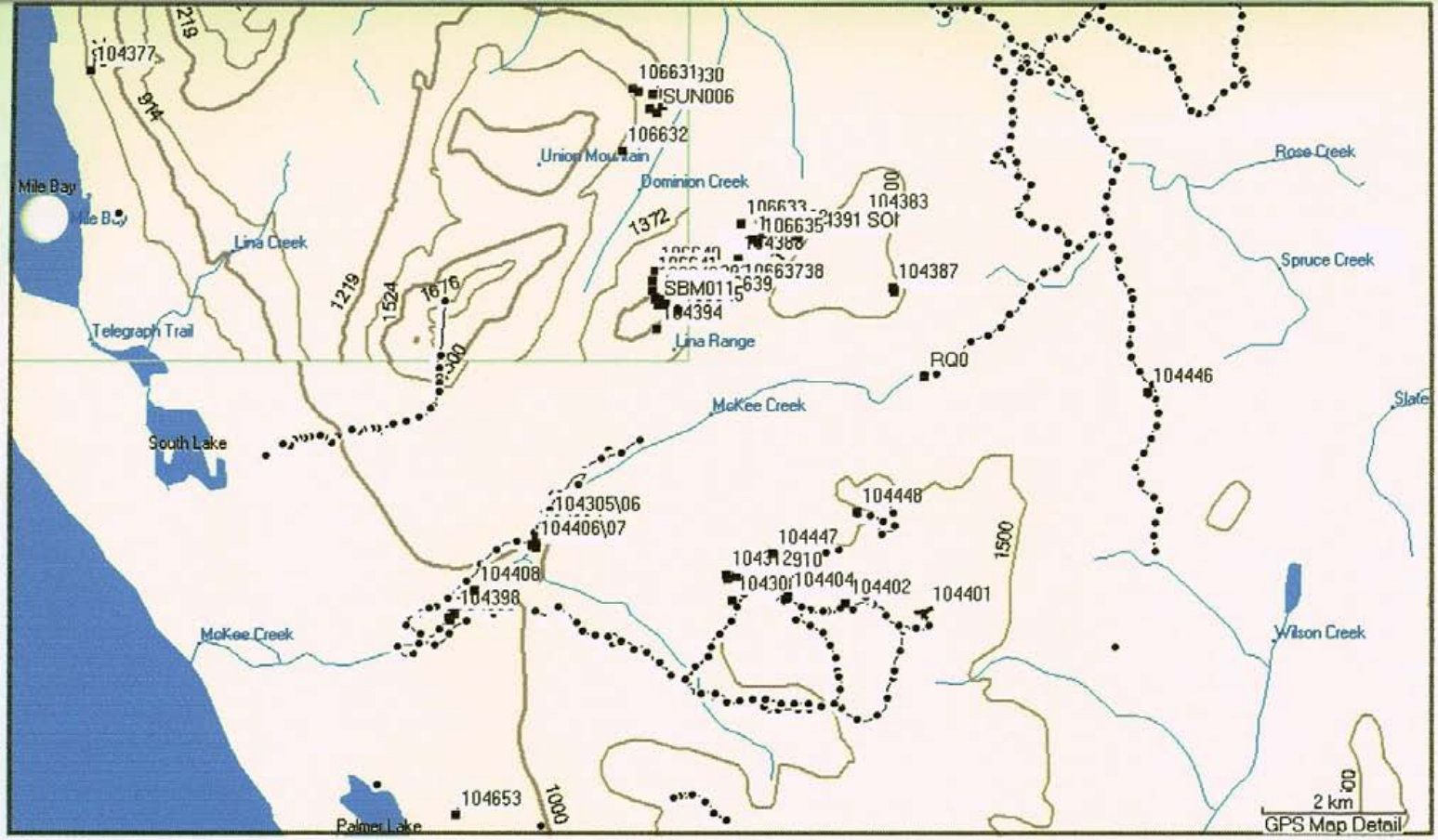
Detailed cost statement Atlin

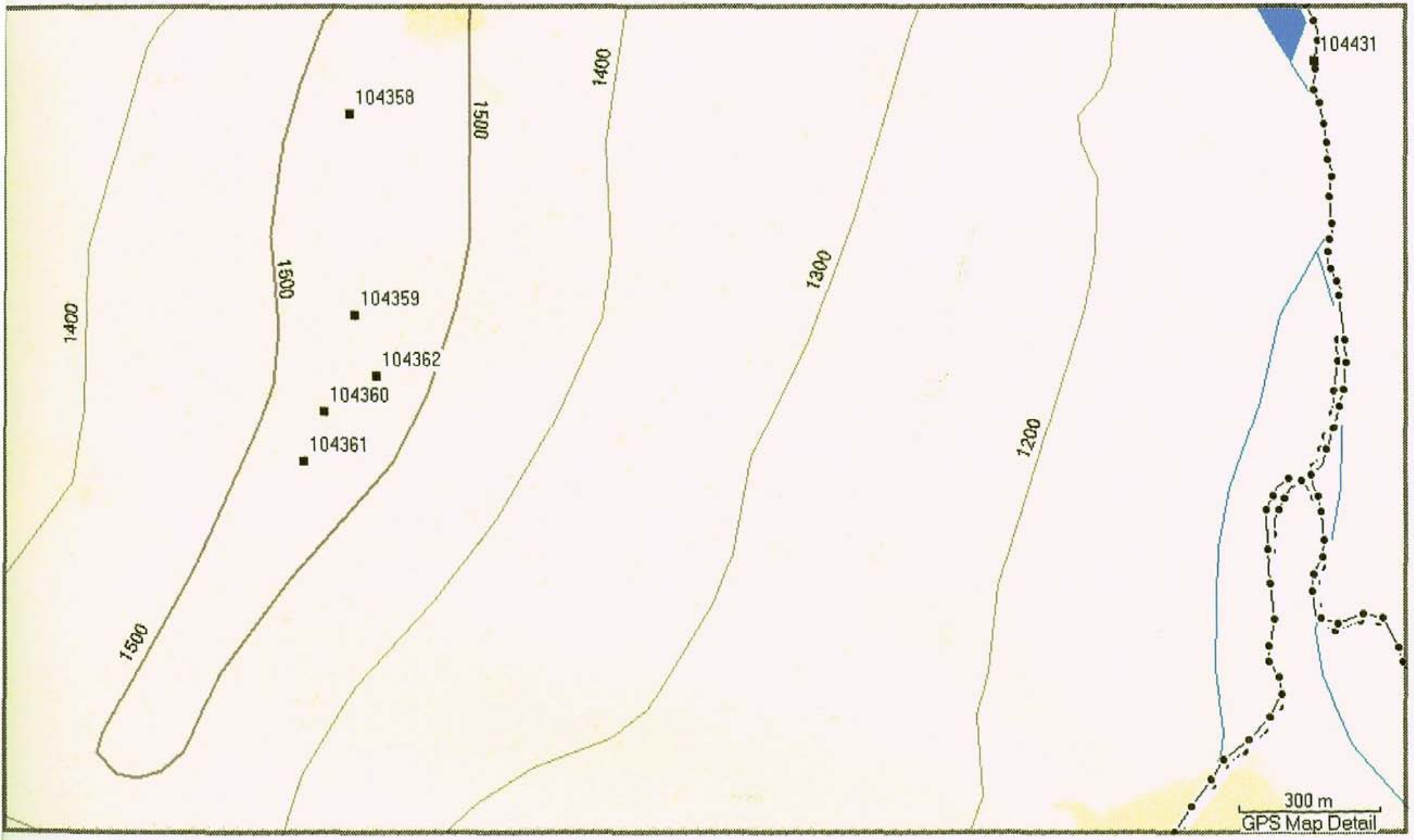
Project began August 20/2006 ended Oct 30/06

Project supervisor	552 hours @ $30.		$16,560.00
Labourers	1630 hours @ $20.		$32,600.00
Helicopter. Discovery Helicopter Ltd., Atlin B.C.			$11107.52
Air fare	two men Whitehorse/ Quesnel		$409.52
4 x 4	rental $50./day	50 days	$2500.00
	insurance	2 months	$420.00
	fuel/oil/maintanence		$1973.25
Honda ATV	$50.00 /day	50 days	$2500.00
Room and board. Total 216 man days.			
	Motels to and from Atlin from Wells		$463.89
	Cabins at Atlin Inn		$9200.00
Meals along route and primarily Twilite café in Atlin			$8207.15
Assay costs	321 samples @ 23.90 Eco Tech		$7671.90
Sundrys	stationery/flagging/note pages		$268.00
		Total	$93881.23

Total labour	$49,160.00	
Helicopter	$11107.52	
Transportation	$7802.77	
Room/board	$17871.89	
Assay	$7671.90	
Total		$93614.08

ATLIN





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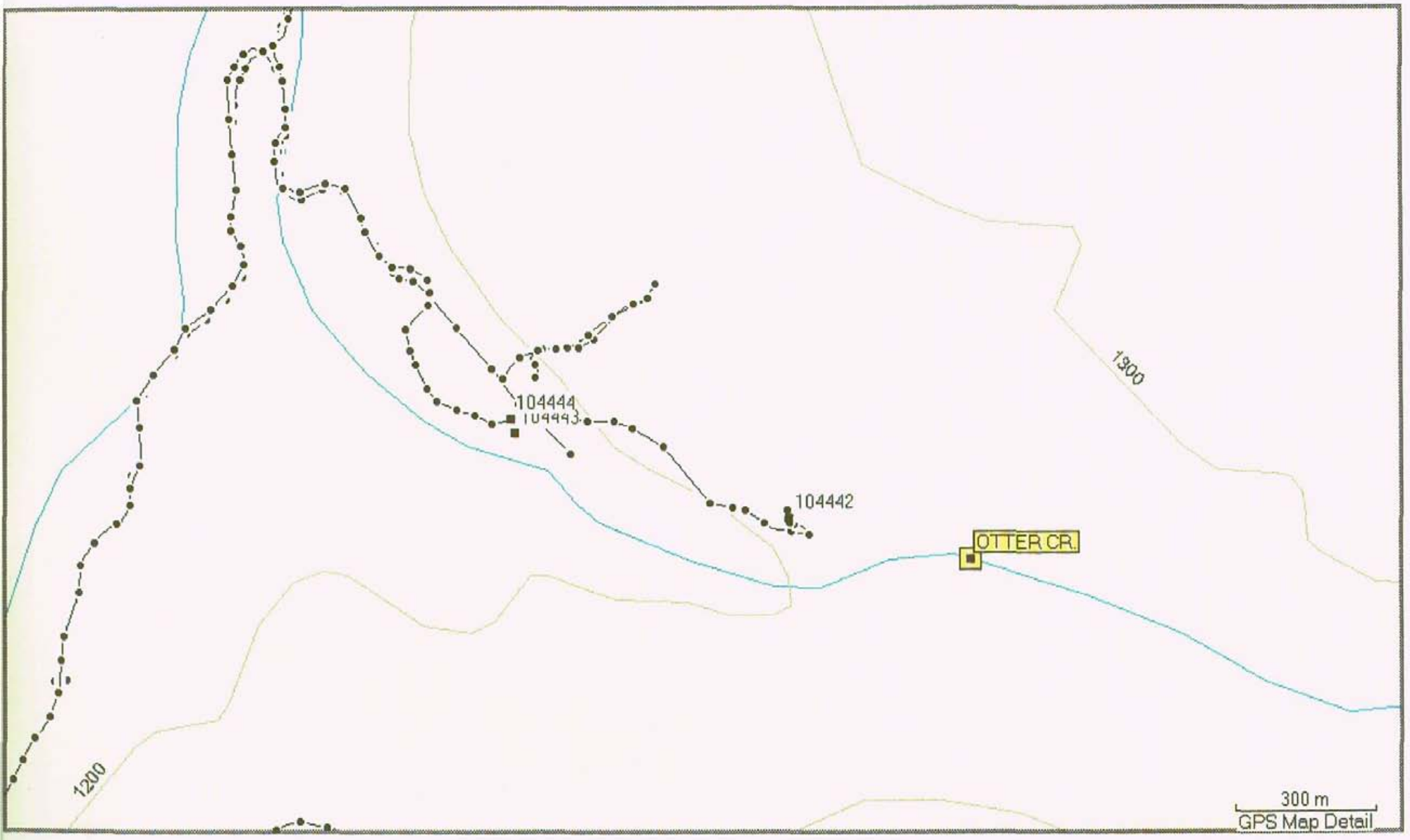

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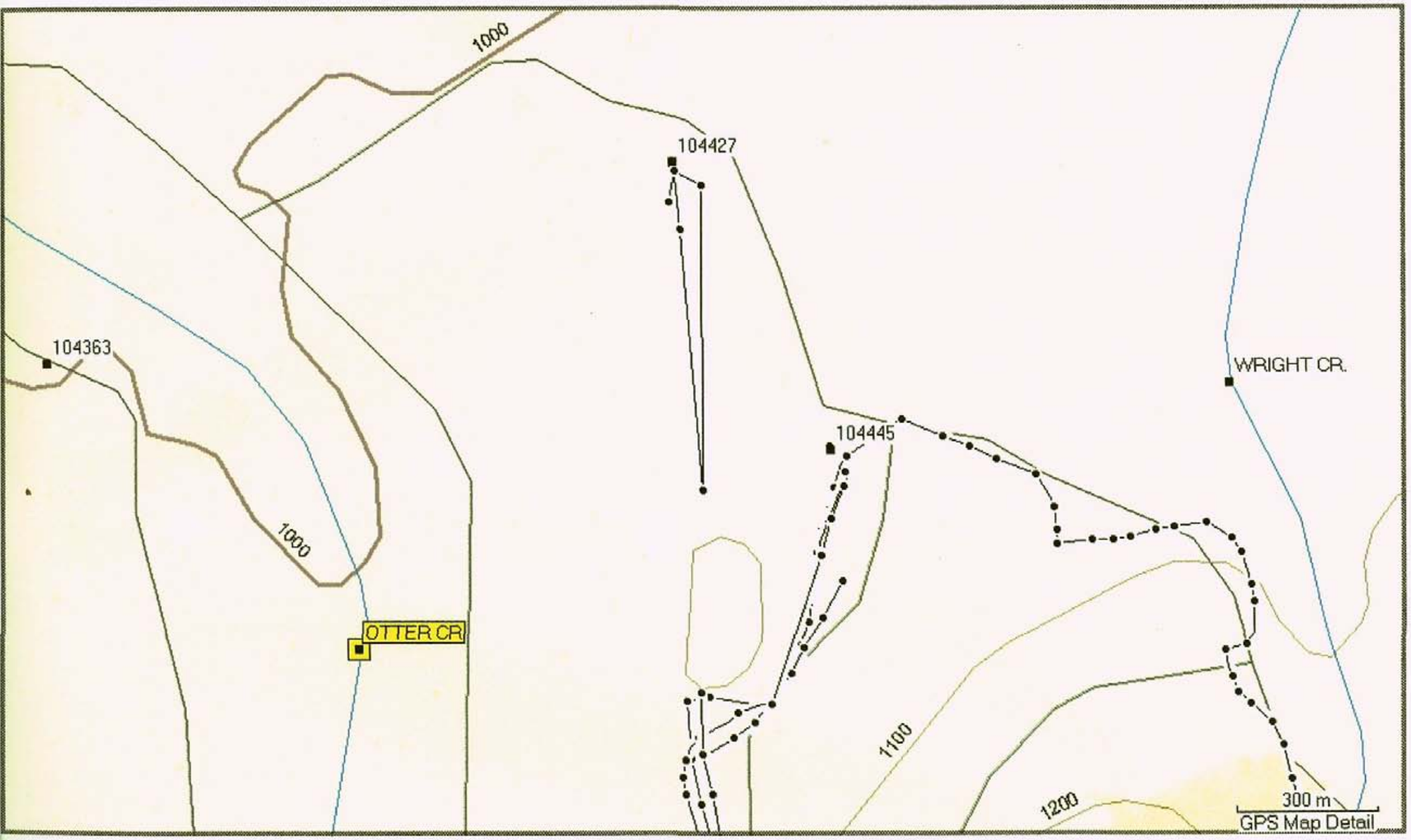

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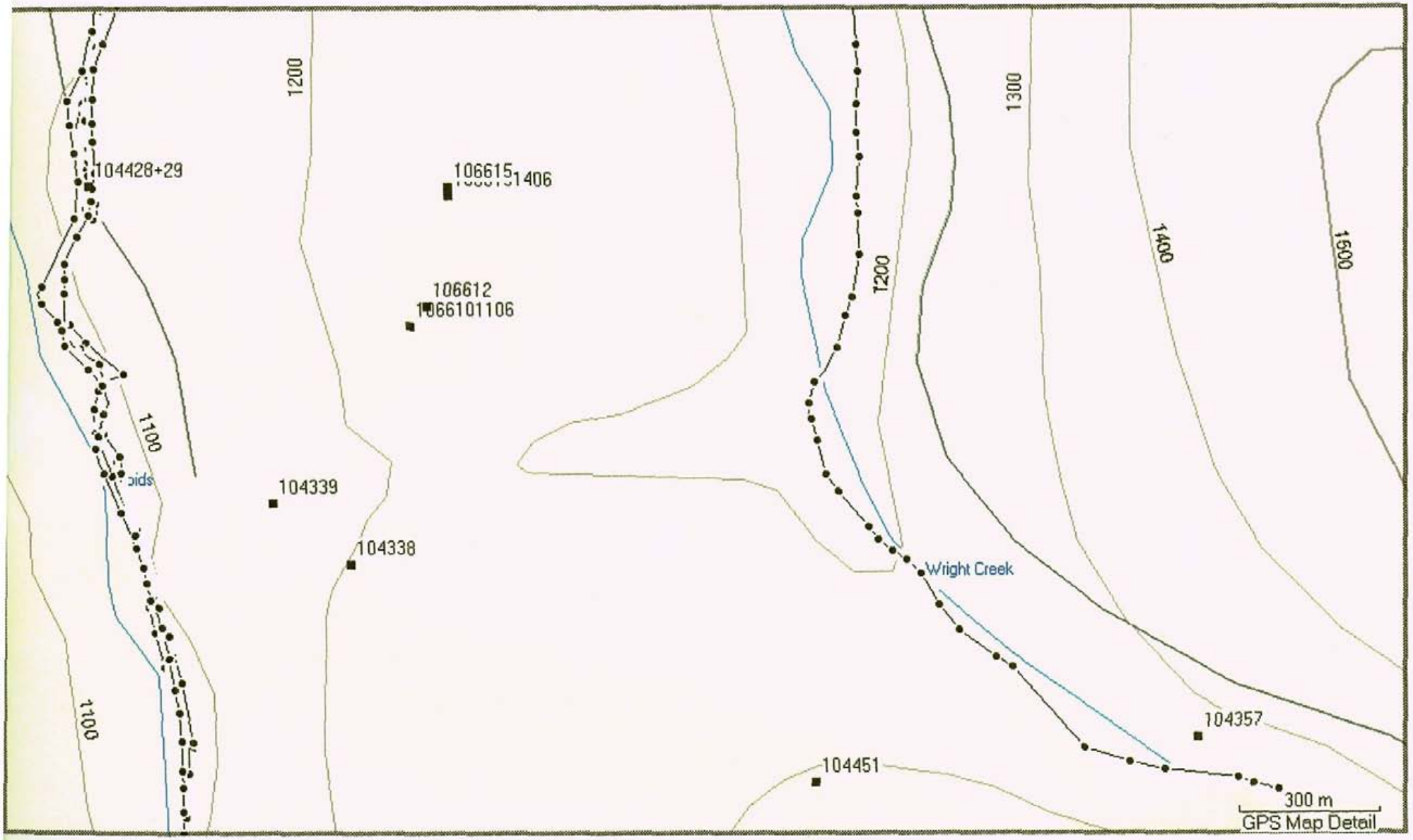

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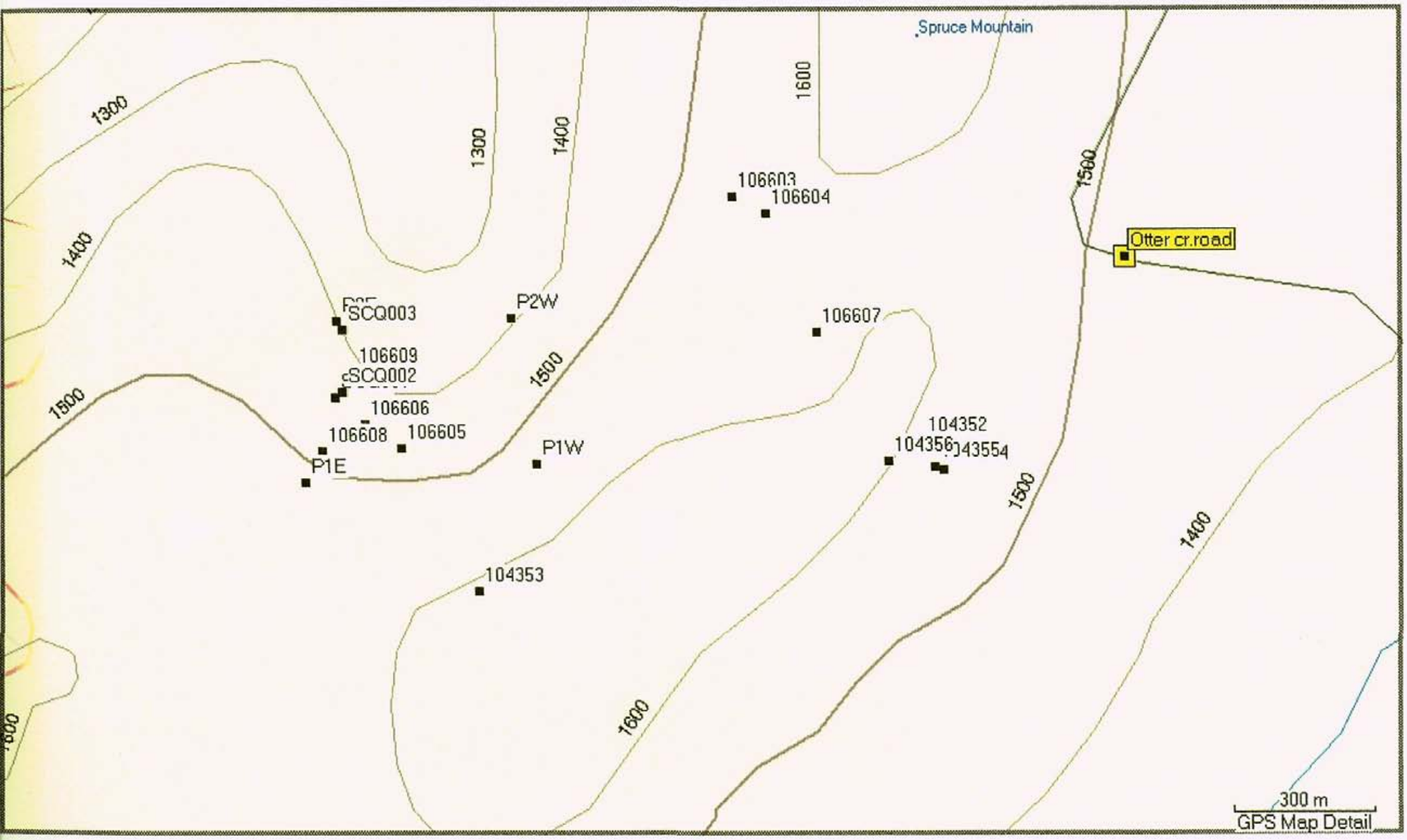

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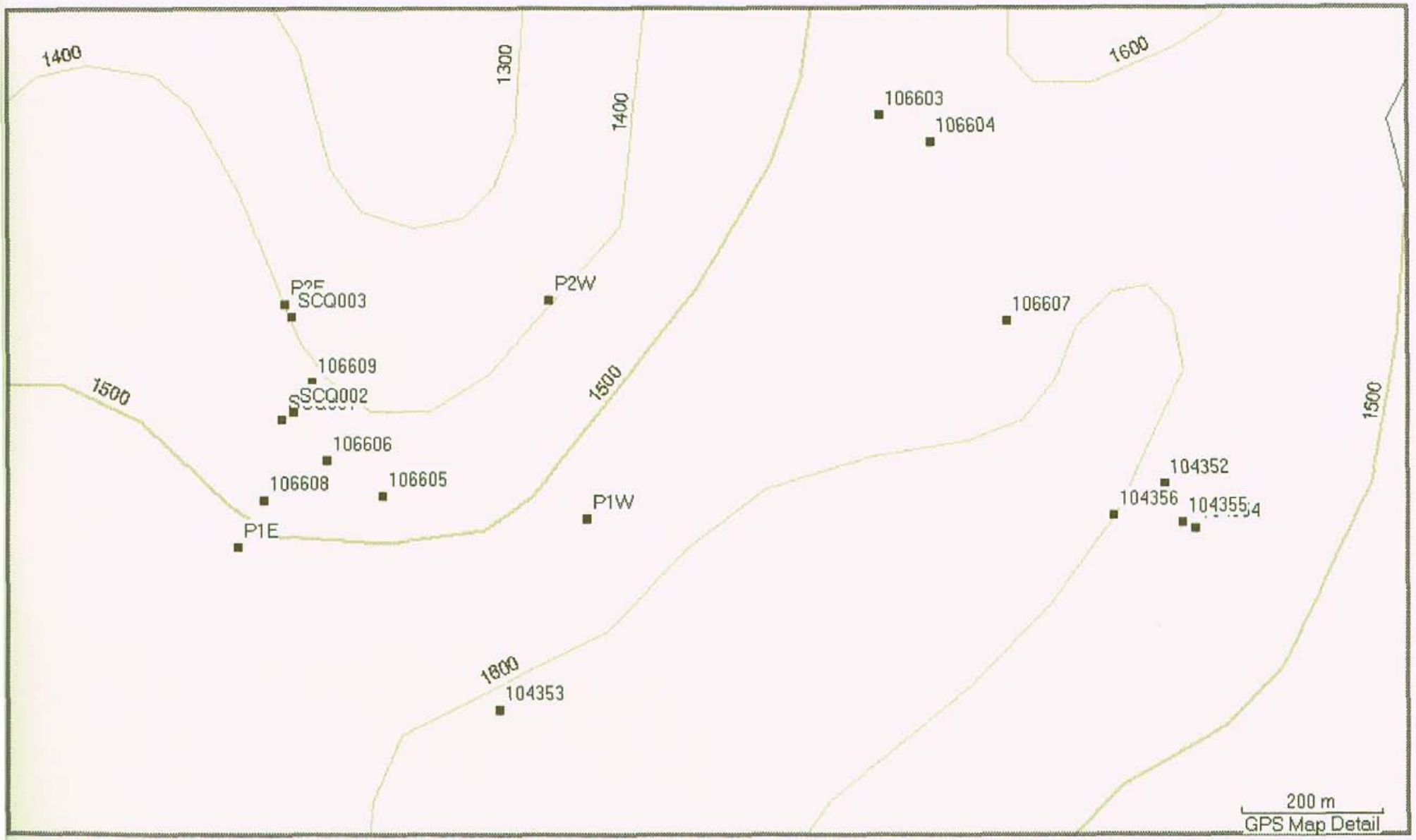

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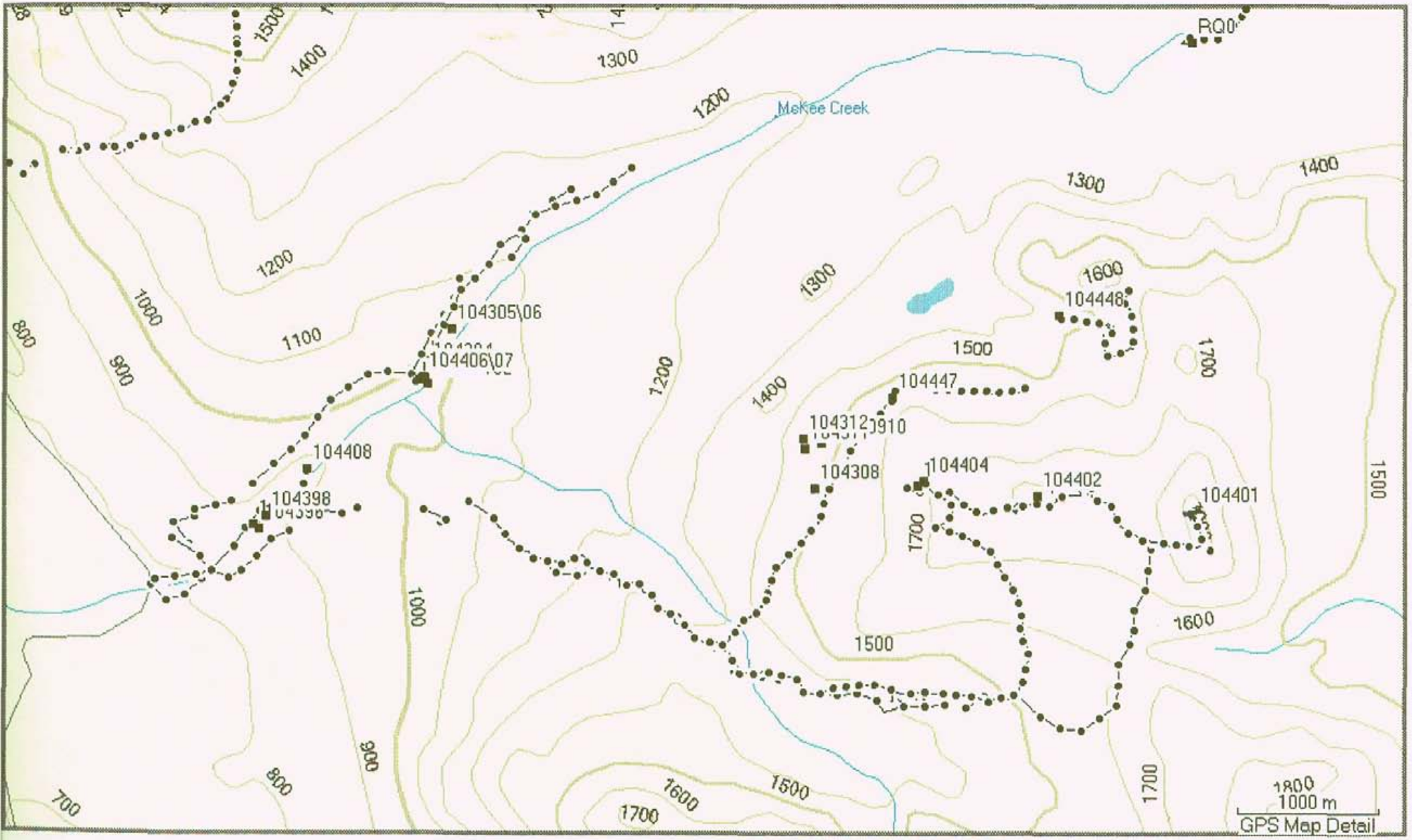

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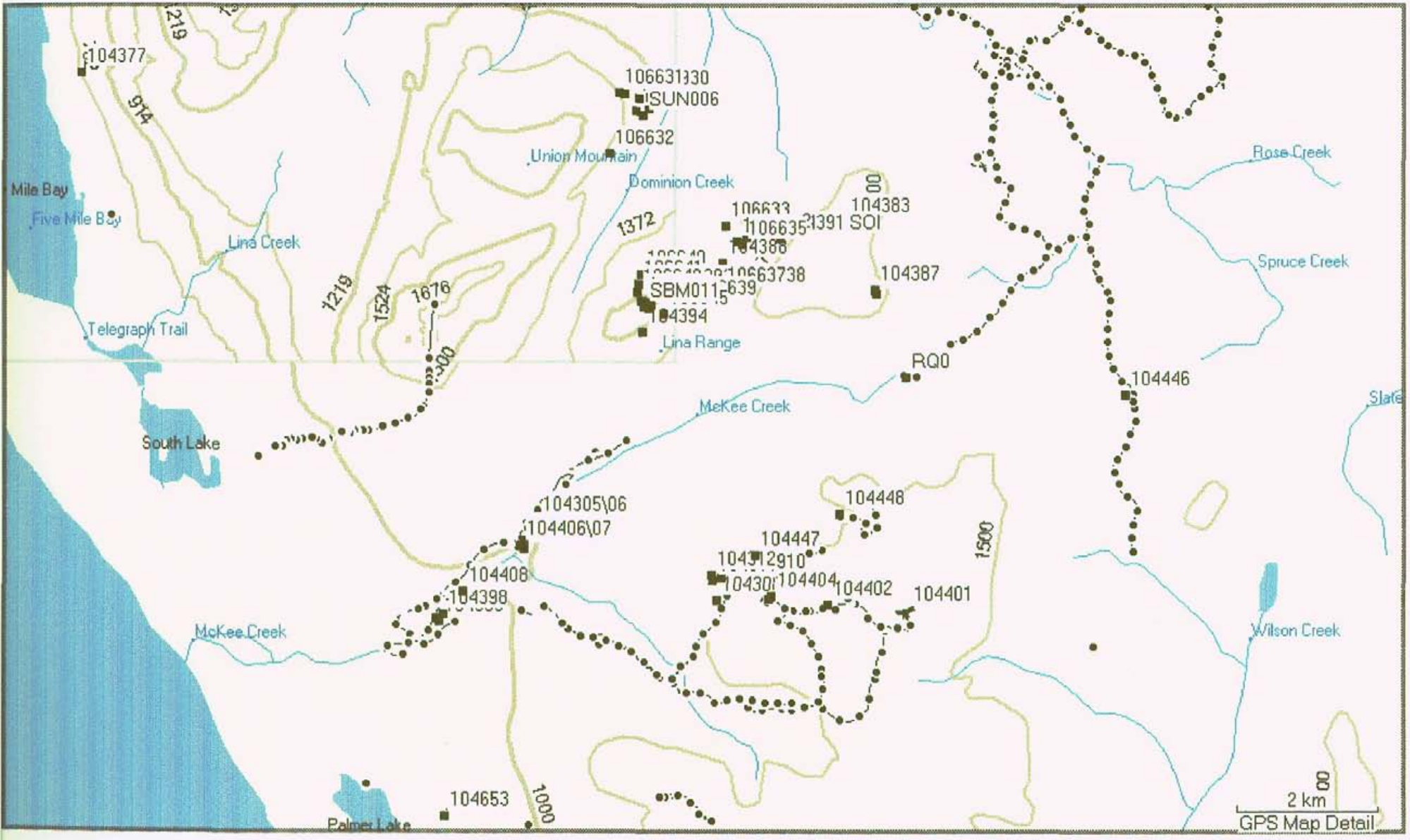

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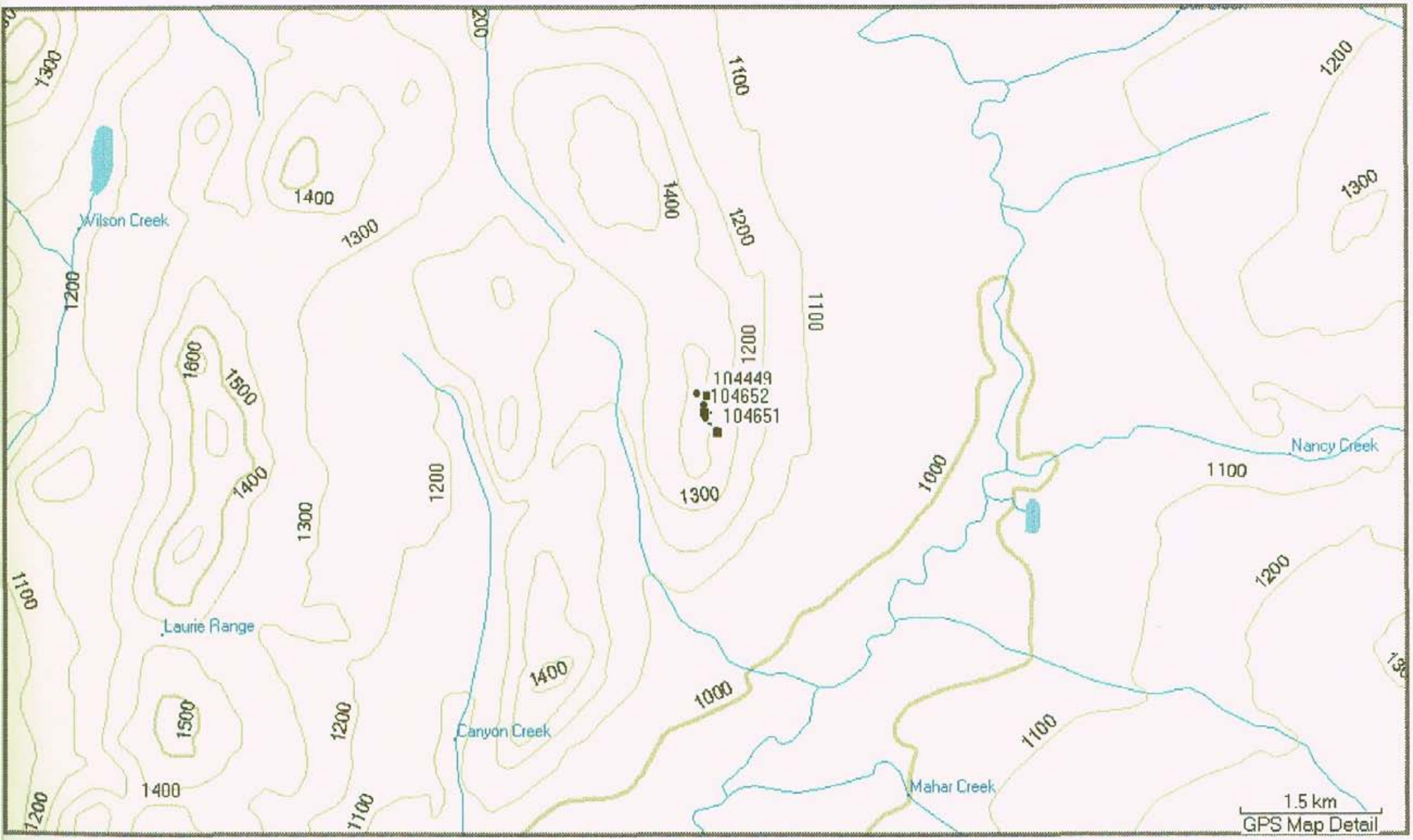
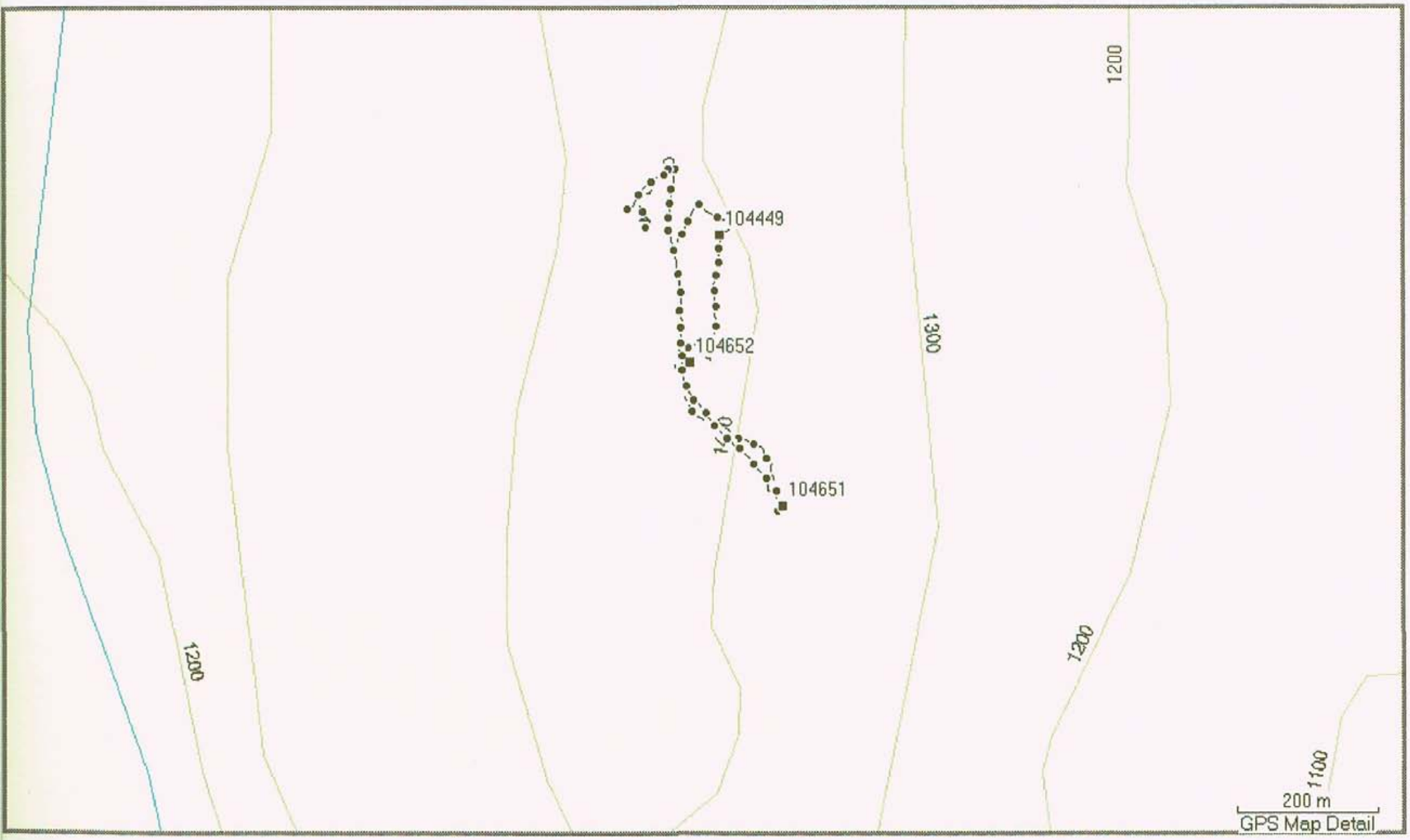


WILSON CK



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BLIND CREEK RESOURCES, LTD.

Report of the Prospecting Expedition

Atlin, B.C., 2006

BY BRAD DAVIES.

2006 Prospecting Expedition:
An Introduction

In 2004 a crew arrived in Atlin for the express purpose of staking all the open ground, with mineral exploration to follow. In the event, 100,000 acres were staked around the old placer fields of Atlin and the golden mountains of Tagish Lake, to the west. The organization that arose from this preliminary work is called Blind Creek Resources, and though a large part of their endeavours have taken place in Yukon, the company keeps its office in Vancouver.

For those who wish to communicate with Blind Creek Resources, they can be reached at: 15th Floor, 875 W. Hastings, Vancouver, BC, V6B 1N2. Their phone number is: (604) 669-6463.

Exploration over the ground was general, but has since become focused on 15 zones, with 10 of these zones covering areas in the Atlin area, and 5 of these zones covering areas along the east and south shores of Tagish Lake. No doubt other zones can be pinpointed, but each of these will be found outside the boundaries of the ground that Blind Creek holds. The "locus" for each zone was derived from close inspection of the assay results after filtering through a database. This database consists of two tables, the "Everything" table and the "Waypoints" table, and after studying the filtered results of the "Everything" table, only the most interesting or relevant results had their map coordinates placed on the "Waypoints" table. In this way, 15 zones were made manifest, and two further queries then separated the assays for each zone into "Nobles" and "Basics".

Geology of Atlin

The *placer* gold of Atlin was all found within the northern reaches of the Cache Creek terrane; this terrane is known to extend down the length of the province. The rocks within this terrane have been called the Cache Creek Group, though some people have taken to calling these rocks the "Gold Series", since the Cache Creek Group has hosted or is in close relationship with all of the major placer fields of BC.

The rocks of the Cache Creek Group began as island arcs—volcanic in nature—and ocean basin rocks that were adjacent to these island arcs. In many cases, the ocean basin rocks give signs of having been near a subduction zone, a place where the ocean's crust descends beneath the lighter crust of the continents or island arcs. Regionally, these rocks are dominated by dark-coloured, mafic volcanic rocks or limestone, but chert, argillite, ultramafites and coarse clastic rocks of arc affinity can be found in great slices within the group.

- Because of metamorphism, the volcanic rocks are not easily differentiated, but they have been broadly described as being either mafic lava flows (andesites), minor intrusions (rhyolite), mafic rocks of ophiolitic origin (meta-basalts and gabbros), and pyroclastic or sedimentary rocks of volcanic origin (greywacke).

- Lenses of limestone or dolostone are in contact with all of the other Cache Creek lithologies within the area, but *massive* limestone takes over to the south and southeast of the Atlin area. Geologists have remarked that the darker, argillaceous limestone has a fetid odour, and it has also been pointed out that the brecciation that is commonly

Highest Gold Values (Entire Expedition):

Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
012sbm	1765	0.2	107	1	24	10	140	92	5	2	40	2053	360	584587	6597487
104306	1090	39.1	362	1	16	55	25	45	5	1	85	738	10	583001	6594400
104413	920	0.4	4	2	10	15	20	5	5	1	640	32	120	545155	6606888
104441	610	11.3	1868	29	6860	25	85	4136	5	12	30	222	50	540566	6583796
104391	420	1	113	2	16	10	65	137	5	1	320	601	1130	586378	6598458
184675	350	0.2	56	1	4	5	5	1	5	1	35	64	30	590377	6610284
104412	308	0.2	12	7	14	10	85	59	10	1	270	648	570	545155	6606888
106601	288	0.5	13	2	2	47	32	12	8	1	245	514	85	588919	6607539
104347	220	0.2	7	1	4	30	40	7	10	1	5	1010	250	573589	6605288
104328	150	0.2	53	1	50	15	30	52	10	1	10	686	310	581480	6596764
104390	135	0.4	29	6	18	5	105	129	15	2	65	1030	840	586384	6598469
104389	125	0.6	39	6	2	5	105	134	5	1	110	1233	1000	586384	6598469
104309	120	0.2	9	1	6	25	5	2	5	1	40	159	10	585649	6593663
104352	90	29.8	13	4	5734	5	5	2	45	4	30	28	10	588413	6606347
104433	90	2.2	1718	1	26	5	40	73	5	1	5	407	880	540138	6583976
104308	90	0.3	336	1	52	25	50	55	5	1	10	752	640	585605	6593338
104324	80	0.2	7	7	12	5	85	19	5	1	30	16	70	545412	6591932
184676	80	2	6	1	4	25	30	15	10	1	405	371	10	577884	6604505
104311	70	0.2	3	1	4	25	5	4	5	1	40	181	10	585531	6593621
104330	70	0.2	37	1	20	5	10	6	5	1	5	87	250	581384	6596847
106624	70	0.6	81	27	26	5	155	99	5	1	25	60	1100	587936	6582407
104312	70	0.2	58	1	24	15	20	28	5	1	5	346	320	585516	6593687
104406	70	0.2	37	1	12	30	80	43	10	1	55	895	50	582807	6594054
104314	70	0.2	35	1	34	5	175	72	5	1	10	474	980	545168	6604148
104351	65	2.1	89	6	16	30	80	43	5	2	785	853	210	574798	6608829
104428	60	0.6	7	3	6	5	75	40	5	1	20	663	1360	591391	6608241
104320	60	0.2	17	1	44	15	35	62	10	1	15	590	1080	550127	6595739
104322	60	0.2	12	2	26	5	150	37	10	1	5	287	800	545414	6591741
104318	60	0.4	44	1	106	15	60	104	5	1	40	177	660	550232	6595594
104323	60	0.2	36	6	10	5	65	4	5	1	5	50	100	545414	6591927
104319	60	0.2	8	1	46	20	35	65	10	1	10	1239	1080	550162	6595720
104419	60	0.3	9	7	32	5	115	75	10	1	65	499	720	546331	6594591
104431	60	0.2	121	1	10	5	190	57	5	1	20	118	200	591744	6605208
104338	60	0.2	6	1	2	20	5	5	5	1	50	328	10	591967	6607452
104315	60	0.2	31	1	36	10	65	45	5	1	10	395	590	545179	6604578
104313	60	0.3	58	1	50	15	100	75	5	1	10	511	960	545167	6604059
104316	55	0.2	13	7	32	8	110	51	10	1	10	789	765	545165	6606885
001scq	55	0.2	26	1	20	5	80	19	5	1	120	1200	240	587158	6606390

found in random distribution throughout the limestone beds is *not* indicative of faulting or tectonic movement.

- Chert is abundant, and is derived from the siliceous ooze that builds up from the remains of deep-sea micro-organisms called radiolarians. Grey and black cherts are the most common, but white, green and red varieties are found, particularly around Sentinel Mountain. Originating as ocean crust, these cherts all carry traces of pyrite, and are surprisingly rich in trace-elements.

- All of the lithologies present in the Cache Creek Group except ultramafites can be found as clastics. A variety of fine-grained "siliclastic" sediments can be found, including mudstones, siltstones and sandstones; tightly locked, "indurated" clastics of a coarser, rubbly grain are also found. These rocks would have been formed just offshore of the island arcs, and there is evidence that some of them were formed adjacent to a subduction zone.

- Argillites have been classed as those rocks that range from argillaceous—and very siliceous—cherts through true shales to siltstones. Grey and greenish types occur, but black is the prevailing colour. The true shales, when found, are usually pyritic and graphitic, and are an indication to prospectors that thermal metamorphism has taken place, due to contact with intrusions or faulting. Since *regional* metamorphism in the Atlin area was very subdued, every occurrence of phyllite or true shale should be thoroughly investigated for signs of mineralization along contact surfaces.

Special attention to the subject of "ophiolites/ultramafites/listwanite" is required, since the rocks of the ophiolite suite hold the greatest promise for prospectors in the Atlin area. Walter Sullivan, writing in 1974, begins the discussion:

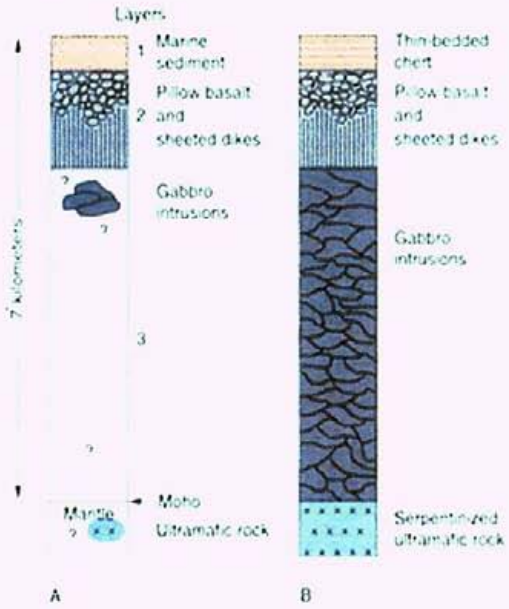
> **A new and exceedingly important element has been introduced into the debate on the origin of the Alps and other mountains. This is the discovery of the true nature of a perplexing sequence of rocks that occur in elongated zones within some mountain systems. The sequence is known as the ophiolite suite. It puzzled geologists because the lowest units of the suite (which in its entirety may be several kilometers thick) consist of very "basic" rocks—the dense kind that typically erupt from deep in the earth. It was assumed that they had invaded the sedimentary formations where they were found, at the very high temperature typical of molten intrusions. Yet often the rocks around them showed no evidence of having been baked by such an invasion. Moreover, the time when these basic rocks were last molten was found, from radiation measurements, to have been much more ancient than the ages of the adjacent rocks.**
>
> **As more was learned about structures beneath the sea floor, from seismic probing, bottom sampling, and drilling, some began to suspect that the ophiolite suite represented an entire, top-to-bottom cross section of the oceanic crust—from the sediments, down through the lavas, past the "Moho," and into the upper mantle to the base of the rigid plate or lithosphere.** [1]

Highest Nickel Values (Entire Expedition):

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
002scq	3733	10	3.94	574	228	10	0.01	8	5	10	0.03	0.19	587158	6606390
106613	1784	4.9	10	383	96	10	0.01	1	1	10	0.01	0.06	592154	6608238
003scq	1649	6.09	5.71	325	103	10	0.03	17	6	10	0.02	0.83	587249	6606550
106607	1554	3.11	10	560	77	10	0.01	1	1	10	0.01	0.03	588182	6606572
184672	1542	2.93	10	872	84	10	0.01	1	1	10	0.01	0.03	589890	6588268
104348	1511	4.16	10	271	84	10	0.01	42	1	10	0.01	1.11	573589	6605288
106609	1481	4.13	10	316	55	10	0.01	1	1	10	0.01	0.18	587196	6606464
184682	1445	4.23	10	647	57	10	0.01	59	1	10	0.01	1.3	576805	6605173
104349	1430	4.33	10	275	80	10	0.01	51	1	10	0.01	2.1	573589	6605288
001scq	1423	6.63	4.83	805	90	10	0.02	8	6	10	0.02	0.32	587158	6606390
184687	1390	3.92	10	295	58	10	0.01	340	1	10	0.01	3.95	576805	6605173
104346	1203	3.46	10	349	59	10	0.01	101	1	10	0.01	3.97	573589	6605288
106634	1175	3.74	10	628	68	10	0.01	11	1	10	0.01	0.58	585775	6598406
104453	1157	3.01	10	339	42	10	0.01	82	1	10	0.01	1.47	579405	6602833
106605	1128	3.71	10	568	63	10	0.01	5	1	10	0.01	0.52	587300	6606306
106603	1104	4.04	10	251	58	10	0.01	225	1	10	0.01	6.29	587996	6606857
104347	1052	3.54	10	356	61	10	0.01	167	1	10	0.01	6.31	573589	6605288
106614	954	2.67	8.9	1029	58	10	0.01	1	1	10	0.01	0.08	592154	6608238
104406	941	4.83	10	466	64	10	0.01	113	1	10	0.01	2.66	582807	6594054
106604	929	3.02	10	261	47	10	0.01	234	1	10	0.01	8.55	588068	6606821
106631	924	3.44	10	283	57	10	0.01	34	1	10	0.01	0.61	584037	6600476
104394	923	3.21	10	261	52	10	0.01	231	1	10	0.01	4.03	584447	6597101
104332	885	2.88	10	912	55	10	0.01	1	1	10	0.01	0.09	592306	6607549
106636	844	3.82	10	343	62	10	0.01	8	1	10	0.01	0.39	585718	6597679
106612	809	3.57	10	604	53	10	0.01	12	1	10	0.01	0.74	592115	6608002
106601	801	2.82	8.9	235	44	10	0.01	198	1	10	0.01	8.11	588919	6607539
106635	638	3.06	9.26	209	44	10	0.01	149	1	10	0.01	3.74	585844	6598367
106608	615	4.1	6.78	671	47	10	0.01	31	6	10	0.01	7.61	587132	6606295
104335	582	3.4	8.41	350	41	10	0.01	238	1	10	0.01	6.35	592277	6607492
106640	575	4.02	4.18	440	46	10	0.01	95	14	10	0.01	10	584424	6597921
104405	546	3.71	7.53	360	45	10	0.01	181	1	10	0.01	10	582772	6594037
104311	500	1.54	6.9	508	28	10	0.01	9	1	10	0.01	0.21	585531	6593621
104388	495	3.38	9.86	238	46	10	0.01	1	1	10	0.01	0.39	585571	6598111
104310	490	3.1	10	481	43	10	0.01	1	1	10	0.01	0.07	585649	6593663
106641	413	6.36	6.46	255	63	10	0.01	94	1	10	0.01	6.57	584381	6597780
104339	358	3.42	5.08	418	29	10	0.01	62	3	10	0.01	4.56	591799	6607577
104338	358	1.56	3.59	76	31	10	0.01	1	1	10	0.01	0.08	591967	6607452
104306	336	2.76	6.85	284	22	10	0.01	306	1	10	0.01	5.88	583001	6594400
104309	322	0.92	3.57	389	15	10	0.01	32	1	10	0.01	1.03	585649	6593663
100W0025N	305	10	0.6	47	177	10	0.04	16	7	10	0.04	0.44	574716	6607105
104395	203	10	1.91	351	92	10	0.09	9	6	10	0.03	0.59	581627	6592992

While still a part of the ocean's crust, here is what geologists think the sequence looks like: [2]

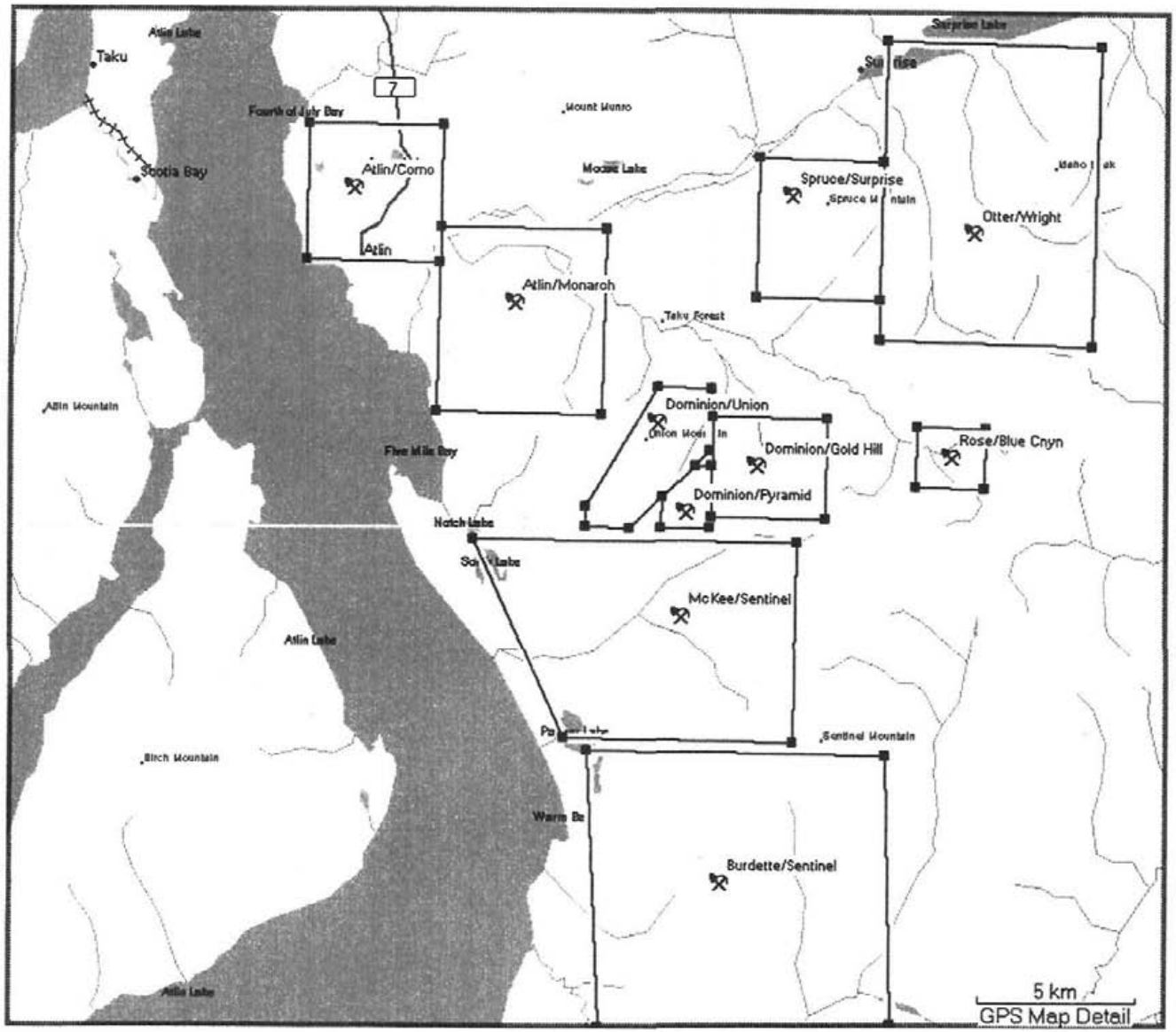


2.) Plummer, G. and McGeary, D. (1996): Physical Geology (7th Edition); *Wm. C. Brown* (Dubuque, IA), pg. 411.

Slices of the ophiolite sequence are obducted from the ocean floor during some major geological event to become a part of the accretionary complex. Then the accretionary complex, carrying these slices of ocean crust, is thrust onto dry land. Typically, "imbrication" (shingle-stacking) of the ophiolite sequence causes a reversed stratigraphy within the terrane, so that the sediments lie beneath the dike and pillow volcanics, which sit below the gabbro intrusions and basement rocks, leaving the ultramafic rocks to perch on top. This has resulted in a common name for ophiolites when they crop out on mountain tops: "alpine peridotites". The ocean crust that is subducting into the mantle is partially melting, with the lighter, felsic magma rising up through the crust to form volcanic arcs. The heavier, mafic materials remain in the upper mantle, but have been concentrated into the *ultra*, which is called peridotite. Peridotite is a heavy, coarse-grained dark-coloured igneous rock that contains at least 10% olivine, is entirely composed of ferromagnesian minerals, and is low in alumina, silica and feldspar. High values in nickel, magnesium, and chrome are an indication of such *ultra* rock.

Geologists now feel that the ophiolite suites were created just above subduction zones, offshore of the continent to which they were eventually joined. Such an active source would explain the special chemistry of the ultramafic rock. Being just above a subduction zone, sea water would cause the hydration that is required when the olivine in the mantle rock is altered to serpentine, which, in the case of ophiolites, is common (the name "ophiolite" was drawn from the Greek root "ophi", meaning snake, or serpent). In fact, ophiolites are *always* serpentinized to some extent, with complete serpentinization being *very* common.

Varieties of peridotite include kimberlite (which is a host for diamonds), jadeite (which is jade, of course), and dunite, which is almost completely composed of olivine, and sometimes alters to "peridot", which is a gemstone. Not just gems, but magnesium, cobalt, chromium, nickel and platinum group metals are mined from peridotite sources. Also, since the alteration product of olivine is serpentine, asbestos and talc are mined from peridotite sources. And of course, every old prospector knows that *gold* is closely associated with serpentine…



Zones in the Atlin Area

As found in the field, alteration of the ultramafites has proceeded beyond serpentinization. While it is certain that the serpentinization took place within the mantle, it is considered likely that any secondary metamorphism has taken place "continentally", since it tends to follow either the faulting that occurs throughout the region, or along contacts with bodies that have intruded since the ultramafites were thrust upon the continent. Alteration occurs as carbonatization, and the resulting rock—which usually occurs with quartz and mariposite (fuchsite)—is called listwanite. Magnetite is also a product of this secondary alteration, and leaves a distinctive signature for passive magnetic readings by geophysicists.

Intrusive Rocks of the Atlin-Tagish Region

Of the five magmatic epochs that have impacted northern BC and Yukon, three have had an effect within this region. The first has been called the *Aishihik* magmatic epoch, and as a part of this event the Fourth of July batholith and certain stocks on Mt. Switzer were formed 180 million years ago. The second has been called the *Carmacks* magmatic epoch, and during this event the Surprise Lake batholith was formed some 75 million years ago. The third event is called the "Sloko" magmatic epoch, and refers to an interrelated series of plutons and lava-flows that were emplaced some 55 million years ago.

During this expedition, mineralization has been found at the contact zone of the Fourth of July batholith near Como Lake, at the contact zone of the Surprise Lake batholith at the base of Idaho Peak, and as a series of sheet veins within a granitic stock on Mt. Switzer.

Dikes and sills that were emplaced during the Sloko magmatic epoch have had some effect on the Bee-Gleaner-Engineer Mountain complex, but this awaits further investigation.

Geology of Tagish Lake

The geology of Tagish Lake finds its best, most exhaustive treatment in M.G. Mihalynuk's "Geology and Mineral Resources of the Tagish Lake Area (NTS 104M/8, 9, 10E, 15 and 104N/12W)"; *BC Ministry of Energy and Mines*, Bulletin 105, 217 pages. Also, capsule descriptions of the geology around Tagish Lake can be found in various assessment reports as provided through the provincial government at ARIS.

Mihalynuk has separated the area into four domains, each of which is dominated by a northwest-trending structural grain. None of these domains, however, started out with a northwest trend, and the boundaries of most of the domains correspond to the boundaries of terranes, which accreted to the continent at various times through the tectonic history of BC.

Most westerly is Domain I, which encompasses the young intrusive rocks of the Coast belt, and does not represent a distinct terrane. Domain II includes mainly deformed metamorphic rocks, which can be subdivided into a quartz-rich clastic succession of "pericratonic" (near the continent) origin, and a suite of volcanic arc strata which can be traced to the Stikine Terrane. Domain III includes all of the rocks of the "Whitehorse Trough", so called because it originated as deep-ocean basin, though folding and thrusting has shortened the width of this domain considerably. The rocks of the Whitehorse Trough that occur within the area of this report are called the Laberge Group. The eastern-most domain—Domain IV—contains rocks of the Cache Creek Group, which has already been discussed.

As a part of the structural grain, two crustal-scale faults occur. These faults pass deep enough to serve as conduits for magma intrusion and mineralizing fluids. The Llewellyn Fault forms the boundary between Domains II and III, and marks the eastern-most limits of the deformation and metamorphism that took place in Domain II. The Nahlin Fault forms the boundary between Domains III and IV, and thus it can be seen that the rocks of the Laberge Group (the Whitehorse Trough), are bounded on both sides by these two crustal-scale faults.

Recommendations

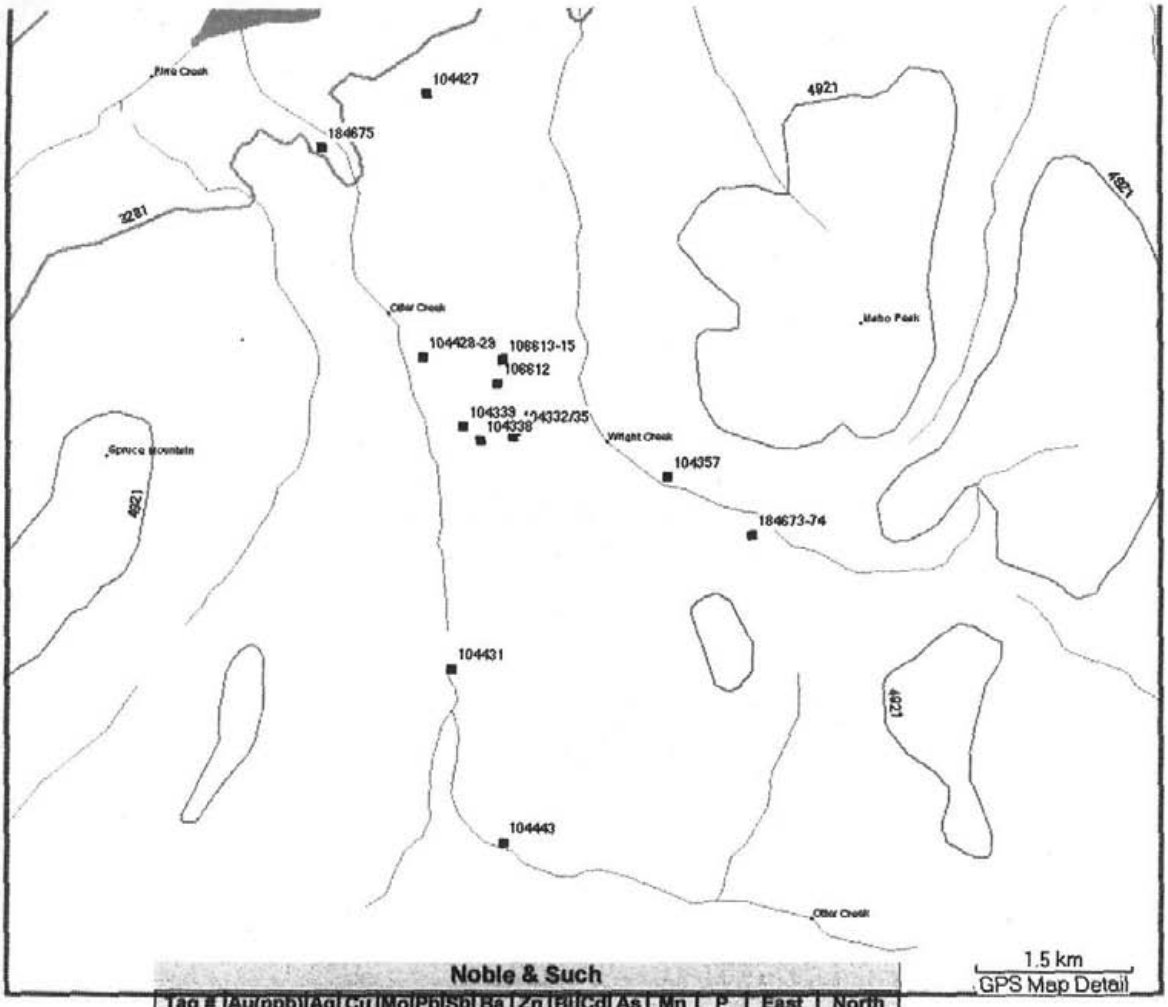
Prospectors have no place making recommendations to the highly qualified personnel who will be following them into the field, and the speculations that have been brought to these pages are merely meant to show the colour of the ground. Nevertheless, some salient points present themselves.

In the first place, a good portion of the ground that was taken up *before* Blind Creek arrived has proven to be of interest. Time after time during the process of surveying Blind Creek's ground it became apparent that values were increasing as one approached the boundary with someone else. Three properties in particular need attention: Firstly, the John Harvey property on McKee Creek is central to all exploration of the Dominion/McKee/Sentinel area. He has offered this ground for sale, and it should be taken. Secondly, Peter Shorts has taken ground just north of Blind Creek's 2005 Spruce/Surprise drilling project, and this ground should be "negotiated". Thirdly, points east of Otter Creek and the Spruce/Surprise drilling project show some promise, and the owner of these—John McFarland—has already demonstrated through his own "GV" exploration project that he is committed to exploration in the Atlin area.

Apart from this, the barrier that overburden presents to all mineral exploration needs to be pierced. Non-invasive means of geophysical and geochemical exploration have proven themselves in the past, and the time has come to bring them to bear in *this* region. The Tagish area has **massive sulphide** targets, and something like a Maxmin II electromagnetic survey will penetrate to the heart of the problem that is presented by the glacial debris. Atlin, on the other hand, presents **magnetite** targets, and passive magnetics will not only penetrate the overburden of Atlin, but will provide a parallel stream of data if used in the Tagish area.

As regards geochemical exploration, the work of Colin E. Dunn of Saanich, BC, may be of interest. It is a fact that trees take in all of the minerals that are available to them, and will then throw aside the minerals that they have no need for. Such minerals will end up in the outer, dry portions of the tree's bark, and lab assays of this tree bark have been matched up with the results of other forms of survey and proven that biogeochemical assays can provide that conclusive second or third stream of data before the more invasive and expensive means of exploration are attempted. These tree-bark surveys can take place at any time of the year.

GPS readings throughout the region are generally excellent, and therefore gridlines could be transient in nature. Property owners in Atlin would certainly approve of that, and would become even more supportive of a project that they have already wholeheartedly embraced.



Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
104332	30	0.2	13	1	7	33	8	4	8	1	10	518	10	592306	6607549
104335	40	0.2	4	1	4	30	50	32	10	1	100	731	50	592277	6607492
104338	60	0.2	6	1	2	20	5	5	5	1	50	328	10	591967	6607452
104339	30	0.2	16	1	44	35	25	53	5	1	20	1102	670	591799	6607577
104357	5	0.2	89	1	12	5	205	36	5	1	5	305	140	593781	6607132
104427	30	0.2	80	15	46	10	90	80	5	1	10	433	1590	591370	6610832
104428	60	0.6	7	3	6	5	75	40	5	1	20	663	1360	591391	6608241
104429	40	0.2	15	7	2	25	105	41	15	2	25	1854	1310	591391	6608241
104431	60	0.2	121	1	10	5	190	57	5	1	20	118	200	591744	6605208
104443	30	0.3	34	22	18	5	275	157	5	1	5	180	450	592293	6603520
106612	15	0.2	6	1	8	35	25	16	5	1	45	1076	320	592115	6608002
106613	5	0.2	12	1	2	30	15	26	15	1	5	756	10	592154	6608238
106614	5	0.2	5	1	2	35	25	9	10	1	10	1005	40	592154	6608238
106615	5	0.2	114	1	12	5	15	14	5	1	5	161	420	592155	6608255
184673	30	0.4	41	30	16	5	160	71	5	1	5	47	220	594604	6606580
184674	30	0.5	54	22	14	5	225	171	5	1	5	54	270	594604	6606580
184675	350	0.2	56	1	4	5	5	1	5	1	35	64	30	590377	6610284

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
104332	885	2.88	10	912	55	10	0.01	1	1	10	0.01	0.09	592306	6607549
104335	582	3.4	8.41	350	41	10	0.01	238	1	10	0.01	6.35	592277	6607492
104338	358	1.56	3.59	76	31	10	0.01	1	1	10	0.01	0.08	591967	6607452
104339	358	3.42	5.08	418	29	10	0.01	62	3	10	0.01	4.56	591799	6607577
104357	37	1.97	0.63	97	11	10	0.05	1	1	10	0.04	0.16	593781	6607132
104427	23	2.16	1.05	98	12	10	0.08	37	8	10	0.09	0.55	591370	6610832
104428	13	3.03	1.07	61	13	10	0.01	215	7	10	0.02	3.59	591391	6608241
104429	39	6.59	3.01	17	28	10	0.01	281	9	10	0.01	9.69	591391	6608241
104431	35	1.57	0.24	58	13	10	0.01	8	3	10	0.02	0.12	591744	6605208
104443	23	2.49	0.05	33	6	10	0.01	7	5	10	0.01	0.06	592293	6603520
106612	809	3.57	10	604	53	10	0.01	12	1	10	0.01	0.74	592115	6608002
106613	1784	4.9	10	383	96	10	0.01	1	1	10	0.01	0.06	592154	6608238
106614	954	2.67	8.9	1029	58	10	0.01	1	1	10	0.01	0.08	592154	6608238
106615	42	1.66	0.44	128	21	10	0.16	4	13	10	0.12	1.04	592155	6608255
184673	30	1.74	0.15	45	5	10	0.01	8	5	10	0.01	0.03	594604	6606580
184674	20	2.02	0.14	42	3	10	0.01	1	2	10	0.01	0.02	594604	6606580
184675	156	0.49	0.49	250	12	10	0.01	1	1	10	0.01	0.02	590377	6610284

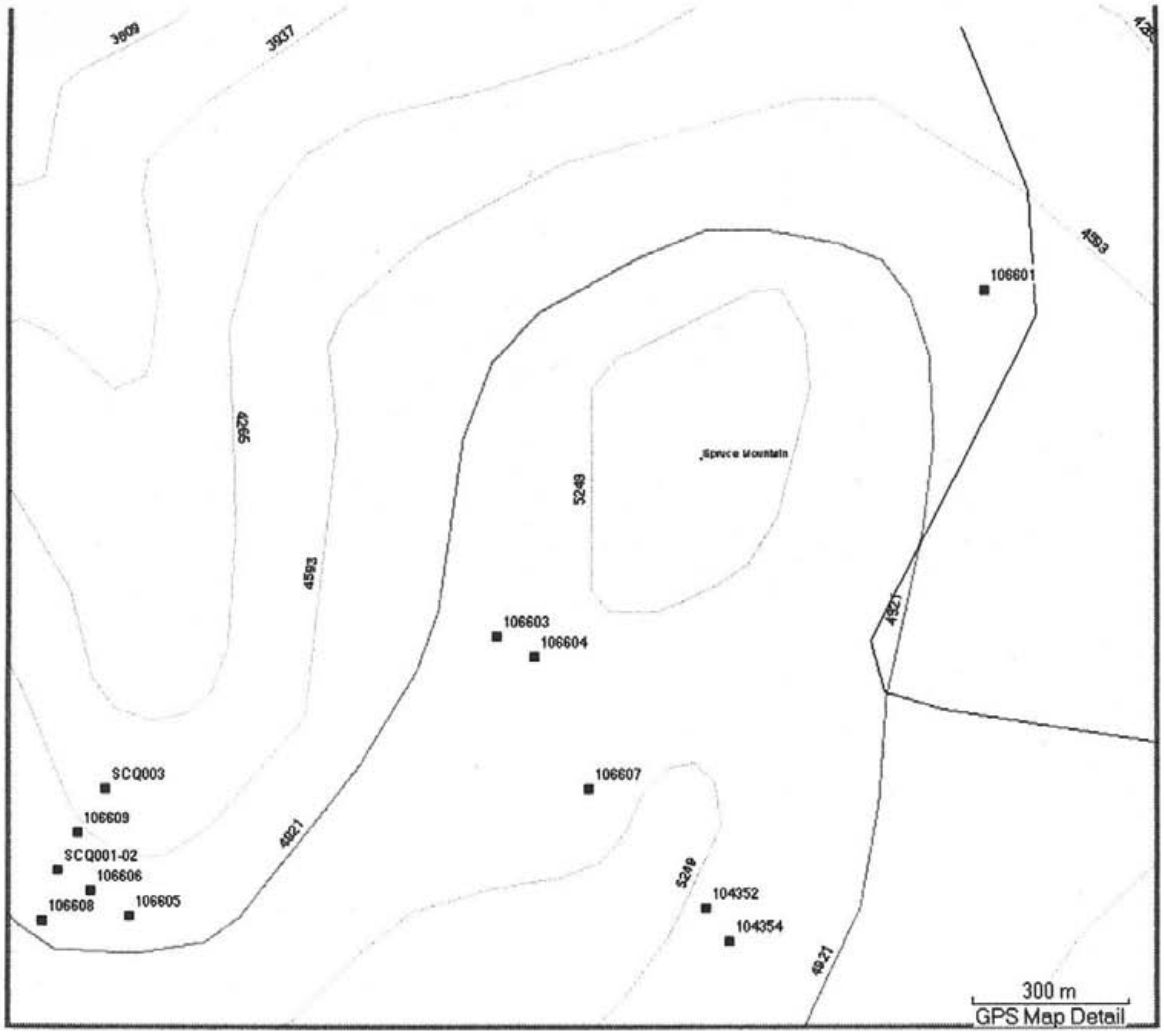
The Otter/Wright Zone

Flowing between the granite of Idaho Peak (Surprise Lake Batholith) and the meta-basalt of Spruce Mountain, all of the creeks in this zone have been intensely worked for placer gold. The Otter Pit must rank as one of the longest and deepest placer workings in the world, and Wright Creek has a pit of its own. The north-bound section of Otter Creek is thought to be flowing along a major fault, and this fault is mapped as intersecting the west-bound Pine Fault. Ultramafic rocks have been variously mapped by geologists over time, with one occurrence enfolding the north-east peak of Spruce Mountain, another set of occurrences along the lower reaches of Otter Creek, and a good-sized slice of ultramafites lying up against the western foot of Idaho Peak. Limestone appears sporadically, and the underlying rocks are said to be clastic sediments with interbedded chert. All of the rocks belong to the Cache Creek Group.

One of the crews explored the multitude of inter-connected roads that branch south from the main road along Surprise Lake. Of the many samples taken by this crew, the best results led back either to the Otter Creek Fault (samples 104431 and 104443), or to the complicated geology that occurs near the batholith of Idaho Peak (samples 104357 and 104427). These four samples all came from pyritized, silicified bedrock, while a pair of pyritized float samples (104428 and 104429) are thought to have originated in a blue-grey outcrop beside the road.

There is a hump between Otter and Wright Pits (closer to Wright), and at the south end of this hump there is a "pass" that leaves the Wright Pit and heads west. This pass was followed until it petered out in a series of N-S gullies (joints?), and then surveys were run to the north and south. Outcrops were non-existent (except for the top of the hump), but there were many boulders that for size (huge) and lithology were taken as being practically in place. It *seemed* that the float was ultramafic, and the assays have borne this out. Samples 106612-614 came from the north-bound survey, and it was found that these heavily-oxidized, micaceous serpentines were only to be found up to the western foot of the hump, with the hump itself grading into a steel-grey rock (meta-basalt?) that showed silvery splashes of pyrite under the glass (106615). Southward from the pass the ultramafites continue for only a short distance before limestone is encountered, but the rock does hold one's interest (samples 104332-339), since there are indications of carbonate alteration, which suggests faulting. At any rate, access through the pass is conducive to drilling, particularly if the gullies prove to be a series of joints that are running parallel to the Otter Fault.

A fun day was spent using metal-detectors in the area. Of the two borrowed instruments, the MineLab had recently unearthed an 11-ounce nugget under three feet of clay, and now—done for the year—the owner gave permission for the crew to use them over ground that had been opened up for placer-mining during the course of the summer. The crew-member with the MineLab immediately disappeared in search of nuggets, but the Garret/Gold Stinger operator got some interesting results over bedrock. The instrument squealed continuously over mineralized shale just above the mouth of Eagle Creek (samples 184673-674), and then, when the crew followed the owner down to another place he was working inside the Otter Pit, it began to squeal over freshly-exposed, altered bedrock under the west wall of the pit (sample 184675). The strike and dip of this "listwanitized" bedrock is 20° / 65° E, which could tie it in with the ultramafites on Spruce Mountain. And, oh—not a single nugget was found.



Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
001scq	55	0.2	26	1	20	5	80	19	5	1	120	1200	240	587158	6606390
002scq	30	0.2	22	1	20	10	105	17	5	1	105	2197	200	587158	6606390
003scq	40	0.2	32	1	18	10	65	24	5	1	65	1220	280	587249	6606550
104352	90	29.8	13	4	5734	5	5	2	45	4	30	28	10	588413	6606347
104354	5	0.2	122	1	19	5	50	19	5	1	5	236	2910	588458	6606286
106601	288	0.5	13	2	2	47	32	12	8	1	245	514	85	588919	6607539
106603	10	0.2	16	1	2	35	55	13	15	1	25	856	50	587996	6606857
106604	5	0.2	8	1	2	35	40	5	5	1	35	488	10	588068	6606821
106605	25	0.2	9	1	2	30	20	3	5	1	20	653	10	587300	6606306
106606	50	0.2	57	6	20	15	30	60	10	1	20	1097	480	587222	6606354
106607	5	0.2	25	1	2	35	10	8	5	1	10	402	10	588182	6606572
106608	10	0.2	3	1	30	25	25	29	10	1	20	970	190	587132	6606295
106609	10	0.2	4	1	2	40	15	6	10	1	105	429	10	587196	6606464

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
001scq	1423	6.63	4.83	805	90	10	0.02	8	6	10	0.02	0.32	587158	6606390
002scq	3733	10	3.94	574	228	10	0.01	8	5	10	0.03	0.19	587158	6606390
003scq	1649	6.09	5.71	325	103	10	0.03	17	6	10	0.02	0.83	587249	6606550
104352	10	0.29	0.03	226	1	10	0.01	1	1	10	0.01	0.06	588413	6606347
104354	56	3.1	0.35	156	11	10	0.1	9	53	10	0.04	1.29	588458	6606286
106601	801	2.82	8.9	235	44	10	0.01	198	1	10	0.01	8.11	588919	6607539
106603	1104	4.04	10	251	58	10	0.01	225	1	10	0.01	6.29	587996	6606857
106604	929	3.02	10	261	47	10	0.01	234	1	10	0.01	8.55	588068	6606821
106605	1128	3.71	10	568	63	10	0.01	5	1	10	0.01	0.52	587300	6606306
106606	47	6.15	3.09	99	34	10	0.01	94	4	10	0.03	5.95	587222	6606354
106607	1554	3.11	10	560	77	10	0.01	1	1	10	0.01	0.03	588182	6606572
106608	615	4.1	6.78	671	47	10	0.01	31	6	10	0.01	7.61	587132	6606295
106609	1481	4.13	10	316	55	10	0.01	1	1	10	0.01	0.18	587196	6606464

The Spruce/Surprise Zone

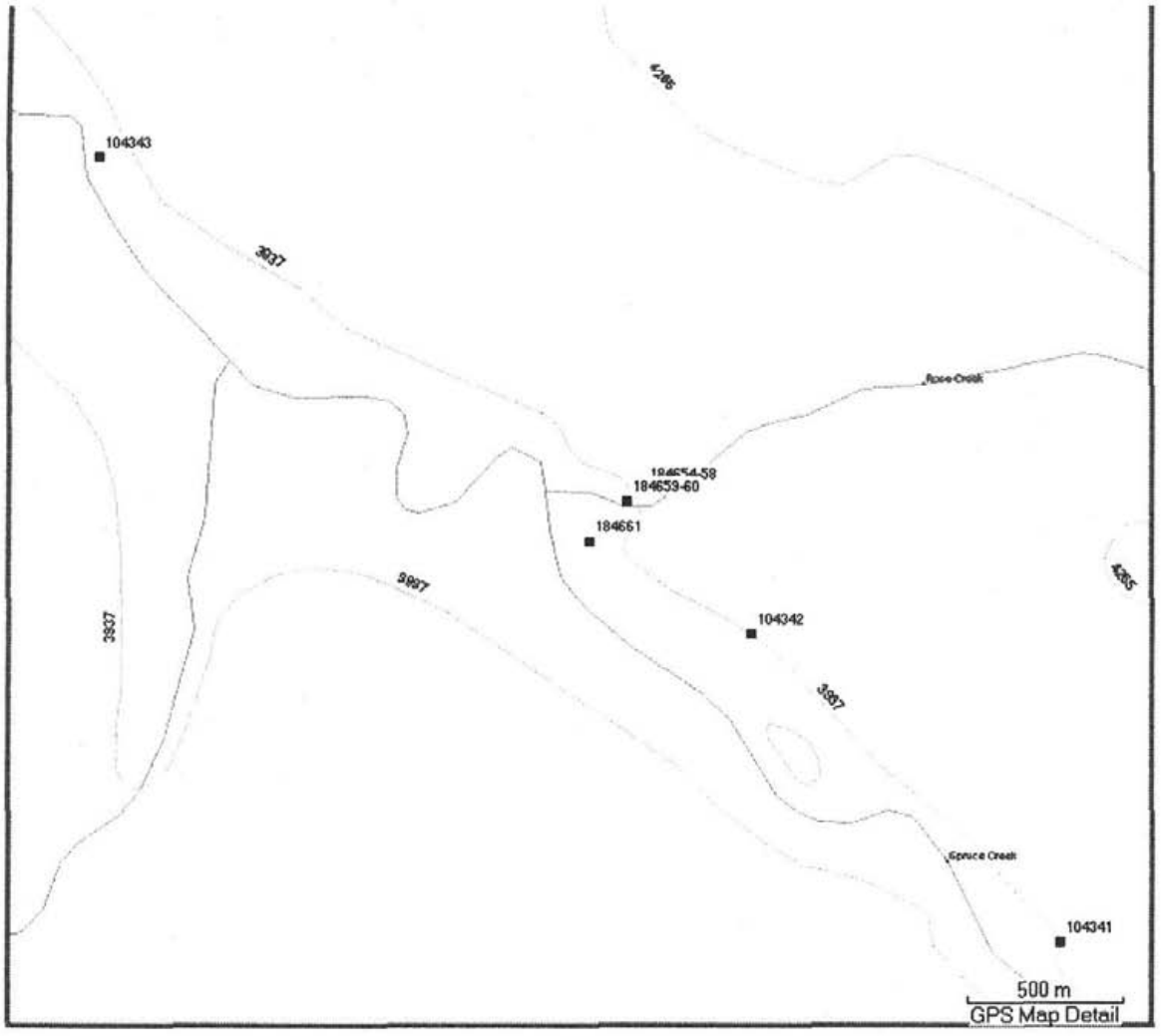
Spruce Mountain consists of mafic volcanics, and it is thought that these rocks arrived as a part of the ophiolite suite that delivered the ultramafic rocks to the area. Ultramafic rocks enfold the southern edge of the northeast peak of Spruce Mountain, and a drilling program on the easternmost margin of these rocks by Blind Creek Resources in 2005 showed invariably that the ultramafites were underlain by meta-basalts at a shallow depth. This is a typical "imbricated" structure, which is a sure indication of an ophiolitic origin for these rocks.

The entire length of Spruce Mountain was covered during the course of this expedition, and—it being early days—a lot of excitement was generated by the silvery splashes of disseminated pyrite that could be seen in the meta-basalts under a magnifying glass. The sheer volume of rock, however, argued against there being any significance to the finding, and of course the assay results have confirmed this. But around the ultramafites, things did get exciting.

The best gold values (106601) were found in a sample of heavily silicified mariposite that was taken just 30 meters north of Blind Creek's northernmost drill hole. Unfortunately, this puts it on the neighbour's property, but since the strike was 20°, some good may come of it. The best gold values in the Otter/Wright Zone (see pg. 7) came from a sample (184675) that also had a strike of 20°, and when extrapolations are made, the majority of the "possible" ground between the two occurrences belongs to Blind Creek. (Incidentally, a few hundred meters north of 106601 there is an old drift that can still be entered.) Then, just south of Blind Creek's southernmost drill hole there is a quartz outcrop that is visible for miles. Galena was found here, and the sample (104352) shows good gold values and excellent silver and lead values. Also, pyrite from a nearby outcrop (104354) yielded good copper values. Whether these two occurrences can be directly linked to the ultramafites is a question for study.

A walk was taken up the side of the peak one foggy morning (to the great alarm of a band of Caribou just over the top), and, though nothing of value was found, two of the samples (106603-604) suggest that the ultramafites might extend *through* the peak (When the ground was staked in 2004, mariposite float was found due north of here, on the northwest slope of the peak. None of the geological maps show ultramafic rock northwest of—or through—the peak.) Sample 106607 was taken beside an old road that leads to a "gossanized" cirque that is visible from the highway to the north, and rock samples 106605 and 106608 were taken along the rim of this cirque. Sample 106606 was taken just downslope of one of the gossans, and represents a silicified, pyritized sample of something that is not ultramafic, though it appeared to be in place. Halfway down, a line of soil samples was taken across the slope (SCQ001-003), as well as one rock sample from a heavily oxidized, silicified outcrop with at least a hint of mariposite. At the time of the survey, it was thought that the gossans around the cirque were caused by a heavy ankeritization, and the manganese values bear this out.

For what its worth, levels of antimony and arsenic are high throughout this zone, as they are for Otter Creek.



Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
104341	30	0.2	53	1	20	5	230	40	5	1	15	228	160	593526	6597938
104342	30	0.3	110	2	20	5	680	26	5	1	15	236	150	592504	6598901
104343	30	0.2	46	1	14	5	200	38	5	1	10	181	140	590365	6600379
184654	30	0.4	16	7	18	5	130	46	5	1	5	57	200	592146	6599357
184655	30	0.3	38	7	22	5	130	78	5	1	5	55	270	592146	6599357
184656	30	0.5	34	31	18	5	95	57	5	1	5	63	190	592146	6599357
184657	30	0.3	26	26	20	5	85	40	5	1	5	44	305	592146	6599357
184658	30	0.3	109	25	16	5	85	92	5	1	5	82	300	592146	6599357
184659	40	0.3	48	22	22	5	100	73	5	1	5	57	860	592096	6599315
184660	30	0.2	115	14	14	5	180	32	5	1	5	20	190	592096	6599315
184661	30	0.2	68	10	24	5	140	68	5	1	5	175	960	591976	6599182

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
104341	20	1.37	0.5	87	5	10	0.03	1	1	10	0.02	0.04	593526	6597938
104343	23	1.06	0.15	130	4	10	0.02	1	1	10	0.01	0.02	590365	6600379
104342	5	1.1	0.42	66	1	10	0.01	8	2	10	0.01	0.01	592504	6598901
184654	10	1.56	0.09	31	3	10	0.01	20	9	30	0.01	0.05	592146	6599357
184655	9	1.77	0.23	27	3	10	0.01	17	12	20	0.01	0.04	592146	6599357
184656	9	2.38	0.36	30	2	10	0.01	1	1	10	0.01	0.02	592146	6599357
184657	8	2.25	0.25	24	2	10	0.01	5	3	20	0.01	0.03	592146	6599357
184658	19	5.74	0.34	19	7	10	0.01	2	1	10	0.01	0.03	592146	6599357
184659	7	2.34	0.32	13	2	10	0.01	10	9	20	0.01	0.05	592096	6599315
184660	17	2.85	0.01	108	6	10	0.01	7	1	10	0.01	0.14	592096	6599315
184661	25	2.38	0.38	45	6	10	0.01	16	18	20	0.02	0.18	591976	6599182

The Rose/Blue Canyon Zone

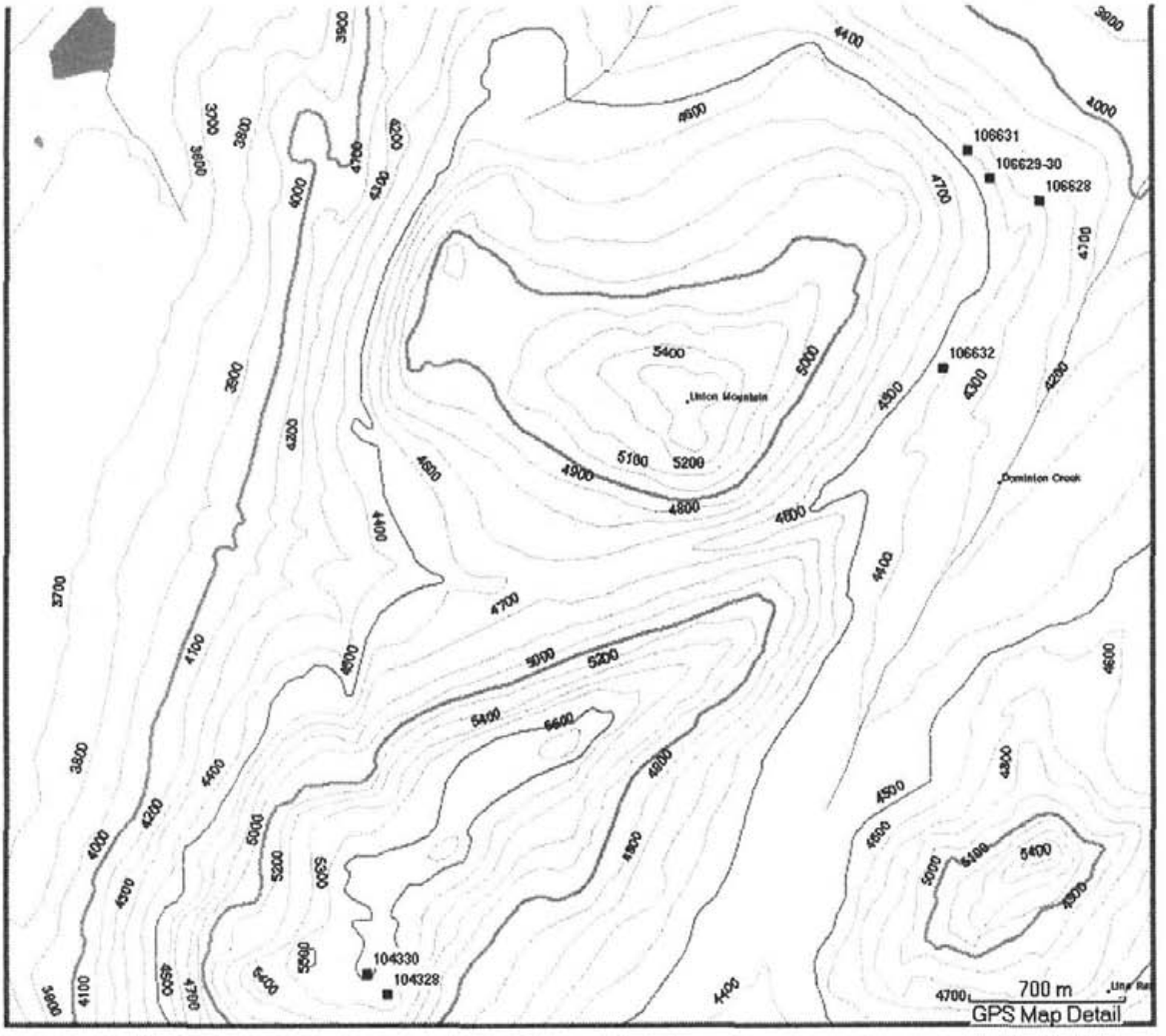
"Fine clastic sediments with interbedded cherts" is how the geologists have mapped the area, but it is only two kilometres to the head of Slate Creek, and this area is probably the only place in Atlin where *true* slates and phyllites can be found in profusion. Limestone, too, extends from the south (just south of here, massive limestone reigns supreme), though the beds become sporadic as one moves north towards Otter Creek. Just up from the mouth of Rose Creek there is an intrusion of something that cannot be called granite—it's probably andesite—and along the contact pyritized, carbonized phyllite is found.

Most of the area is covered with glacial till; indeed, it is through here where the word "kame" appears in all of the geological maps. It's fortunate that this small segment of the contact is exposed, since it could open up a vast area for geophysical exploration.

Samples 184654-660 were taken along the creek where the exposure is best. There is heavy oxidation, much pyrite, and a great deal of black carbon. There is shear, and evidence of great heat. Sericite lends a pearly sheen to some of the cleavage planes, and quartz is found in places. And this is the only *real* phyllite that will be found during the expedition.

The great disappointment is the overburden that surrounds the occurrence. The shale beds can be traced down to the road on a (very rough) southerly trend, and sample 184661, which was taken near the road, appears to be identical. Intriguingly, three samples that were taken along the roadside are not just equivalent to each other, but may be equivalent to the Rose Creek occurrence. Sample 104342, which is nearest, has somewhat anomalous copper values, has come from "indurated siliceous sediments" with a slatey cleavage, and has probably come from the same formation. Sample 104341 (further towards Slate Creek) and sample 104343 (further towards Atlin) are similar rock, are hefty, and the zinc values may place them on a par with the Rose Creek occurrence.

Various geologists have said that when thermal metamorphism is encountered in the Atlin area, we are "in the zone" for prospecting. One can only wonder what it was that put the slate in Slate Creek. Here at Rose Creek, a clue is found.



Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
104328	150	0.2	53	1	50	15	30	52	10	1	10	686	310	581480	6596764
104330	70	0.2	37	1	20	5	10	6	5	1	5	87	250	581384	6596847
106628	25	0.2	58	12	6	5	50	57	5	1	25	92	280	584312	6600404
106629	20	0.2	73	11	16	5	170	91	5	1	5	49	430	584112	6600441
106630	25	0.2	24	4	4	5	190	34	5	1	5	104	70	584112	6600441
106631	15	0.2	8	1	2	35	65	10	10	1	15	347	20	584037	6600476
106632	20	0.2	152	13	4	5	130	121	5	1	40	850	10	583924	6599598
184696	30	0.2	130	5	2	5	90	85	5	1	5	1331	380	585573	6602697
184697	30	0.2	72	22	12	5	80	160	5	2	5	465	1260	585573	6602697
184698	30	0.2	31	3	20	10	65	76	10	1	5	1116	660	585573	6602697

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
104328	42	4.88	1.75	76	37	10	0.32	12	3	10	0.05	2.19	581480	6596764
104330	45	1.69	0.23	70	24	10	0.27	10	1	10	0.03	1.11	581384	6596847
106628	18	2.99	0.01	169	5	10	0.01	1	1	10	0.01	0.01	584312	6600404
106629	23	2.41	0.04	56	4	10	0.01	5	8	20	0.01	0.02	584112	6600441
106630	11	1.36	0.01	107	1	10	0.01	1	1	10	0.01	0.01	584112	6600441
106631	924	3.44	10	283	57	10	0.01	34	1	10	0.01	0.61	584037	6600476
106632	122	9.09	0.03	120	54	10	0.01	12	1	10	0.01	0.02	583924	6599598
184696	56	6.28	2.47	42	39	10	0.01	110	7	10	0.01	6.02	585573	6602697
184697	33	2.39	0.91	57	12	10	0.01	47	14	10	0.02	2.81	585573	6602697
184698	26	4.16	2.21	110	20	10	0.02	150	8	10	0.03	5.58	585573	6602697

The Dominion/Union Zone

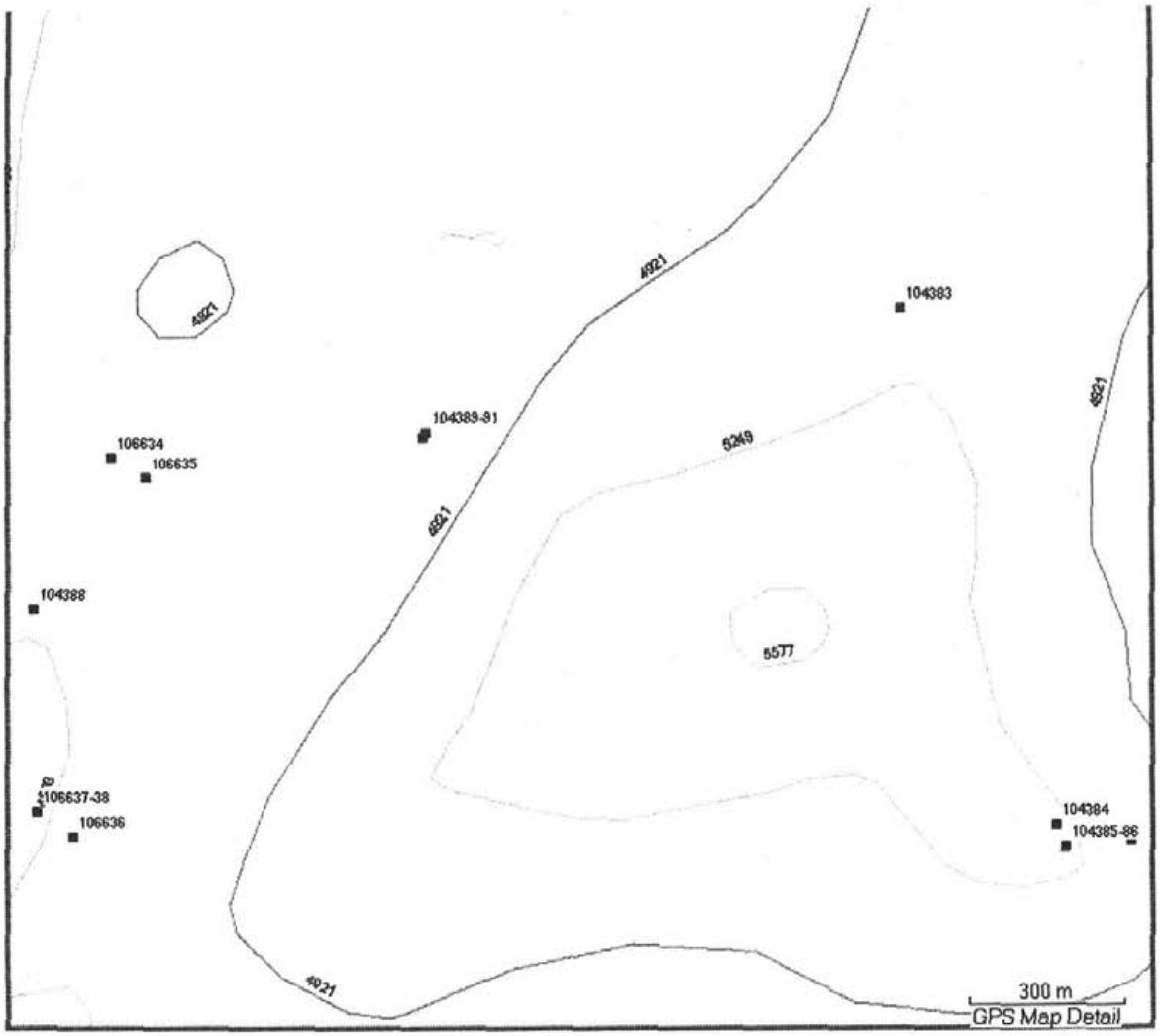
Geology gets a bit confused on Union Mountain. In some places greenstone predominates, while in other places sediments like greywacke and chert take over. There is a good-sized slice of ultramafic rock extending eastward from Monarch Mountain (which is *all* ultramafic rock), and two smaller occurrences of ultramafic rock are found at the southern end of Union Mountain. Two major faults (the Union and the Goldenview) have been mapped, and at least one branch has been mapped from each of these.

The geology is *very* confusing at the northeast corner, where samples 106628-631 were taken. This marks the eastern reach of the Union Fault, and it is evident that great events have taken place here. Unfortunately, it's difficult to read. Notes for the samples describe things like "vuggy oxidized quartz", "purple vitreous quartzite", "vulcanism", "oxidized shale" and "phyllitized sandstone", and all of these are found within a few hundred meters of each other. Soil samples that were taken from here describe every colour of the gossan spectrum, though none of the results from these soils made the grade. Here it should be mentioned that two methods of gold assay were used at the lab (depending on the shipment), and while a reading of 30 ppb on some of the results merely indicates that the minimum has been reached, other results came back with a minimum of 5 ppb. The samples that were taken here have a minimum of 5 ppb, therefore it can be said that samples 106628-631 all show some indication of gold. And copper, too. Sample 106631 demonstrates that the Union Fault follows the great slice of ultramafites that is mapped through this mountain, and a walk to the west has confirmed this.

The nearby peak of Union Mountain has two spires of bottle-green obsidian; the only other place where the green glass was found during this expedition was across the valley on the northern exposures of Sentinel Mountain. (This other occurrence will be mentioned on page 13.) While descending from this peak along an old road, a gully was encountered that may very well be the branch of the Union Fault that has been mapped as extending southeast. Soil samples were taken (they failed the grade), and a rock sample of heavily oxidized, "charred" bedrock was taken (106632). Copper and zinc are anomalous.

While waiting for a flight to Tagish Lake, bad weather made it necessary to find somewhere close to fly to, and it seemed worthwhile to take a look at the southern end of Union Mountain, where ultramafites have been mapped. So long as one is within sight of Pyramid Mountain to the east, metallic splashes can be found in the "volcanics" that are here. Out of sight of that mountain, the splashes disappear. Samples 104328 and 104329 were taken from these volcanics, but the results seem to indicate that the crew missed the location of the ultramafites. It may be worth going back to have a better look towards the northeast.

Samples 184696-698 are included with this zone because the road to the drill-core storage site leaves the Dominion Creek Road near the northeast foot of Union Mountain. Once found, this drill-core storage site is discovered to be within a few hundred meters of the Blue Canyon Road, though the ford across Spruce Creek is washed out. At any rate, someone should salvage the core from this site, before any *more* prospecting crews come along and hi-grade the best of it. The source of the core was the GV claims to the east and north (Minfile 104N 100), and these 3 assays represent some of the more "interesting" mineralization that can be found in the core-boxes.



Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
104383	20	0.2	214	5	22	5	198	90	5	1	18	230	205	587296	6598723
104384	10	0.2	65	6	32	5	75	316	5	8	10	414	860	587749	6597754
104385	10	0.2	59	1	44	15	205	274	15	4	10	768	700	587764	6597715
104386	15	0.4	54	2	36	5	55	296	5	4	10	378	820	587761	6597706
104388	15	0.2	8	1	2	30	5	6	5	1	120	768	10	585571	6598111
104389	125	0.6	39	6	2	5	105	134	5	1	110	1233	1000	586384	6598469
104390	135	0.4	29	6	18	5	105	129	15	2	65	1030	840	586384	6598469
104391	420	1	113	2	16	10	65	137	5	1	320	601	1130	586378	6598458
106634	50	0.2	17	1	2	30	25	8	10	1	50	569	10	585775	6598406
106635	15	0.2	4	2	2	35	25	26	5	1	110	445	10	585844	6598367
106636	15	0.4	13	1	2	45	25	8	5	1	160	575	10	585718	6597679
106637	45	0.2	68	6	4	15	90	85	10	1	20	1029	570	585572	6597704
106638	15	0.2	113	7	2	10	70	67	5	1	35	1275	40	585572	6597704

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
104383	39	2.67	0.94	78	15	10	0.06	4	1	10	0.02	0.17	587296	6598723
104384	7	2.11	0.43	70	6	10	0.01	28	11	20	0.06	0.3	587749	6597754
104385	*26*	*4.77*	*2.2*	*147*	*23*	*10*	*0.21*	*22*	*2*	*10*	*0.07*	*1.47*	*587764*	*6597715*
104386	4	2.24	0.55	57	7	10	0.06	18	6	10	0.05	0.47	587761	6597706
104388	495	3.38	9.86	238	46	10	0.01	1	1	10	0.01	0.39	585571	6598111
104389	17	4.29	1.63	48	21	10	0.01	91	6	10	0.01	4.83	586384	6598469
104390	14	3.93	1.02	63	19	10	0.01	82	9	10	0.01	3.89	586384	6598469
104391	28	5.8	0.12	16	17	10	0.01	28	11	10	0.02	0.77	586378	6598458
106634	1175	3.74	10	628	68	10	0.01	11	1	10	0.01	0.58	585775	6598406
106635	838	3.06	9.26	209	44	10	0.01	149	1	10	0.01	3.74	585844	6598367
106636	844	3.82	10	343	62	10	0.01	8	1	10	0.01	0.39	585718	6597679
106637	168	6.35	2.83	99	46	10	0.01	73	1	10	0.01	6.18	585572	6597704
106638	32	6.53	2.47	59	36	10	0.01	94	1	10	0.04	4.33	585572	6597704

The Dominion/Gold Hill Zone

There is an anticline on Gold Hill that plunges to the southwest at 190°, and appears to continue to the northeast. This exposes the lithology of Gold Hill to a significant degree, and it is apparent that the rocks are all typical of the Cache Creek Group. The basement is composed of siliceous argillites, which are overlain by limestone. Over these stratum there lies approximately 350 meters of mafic volcanic flow (andesite), which in turn is overlain by calcareous argillite.

Along the valley between Pyramid Mountain and Gold Hill various outcrops are found, ranging through all of the different types of rock, but apart from these, everything else is drift. Geologists speculate that there is a major fault running north along this valley, and the findings do appear to bear this out. A major hill of limestone looms at the north end.

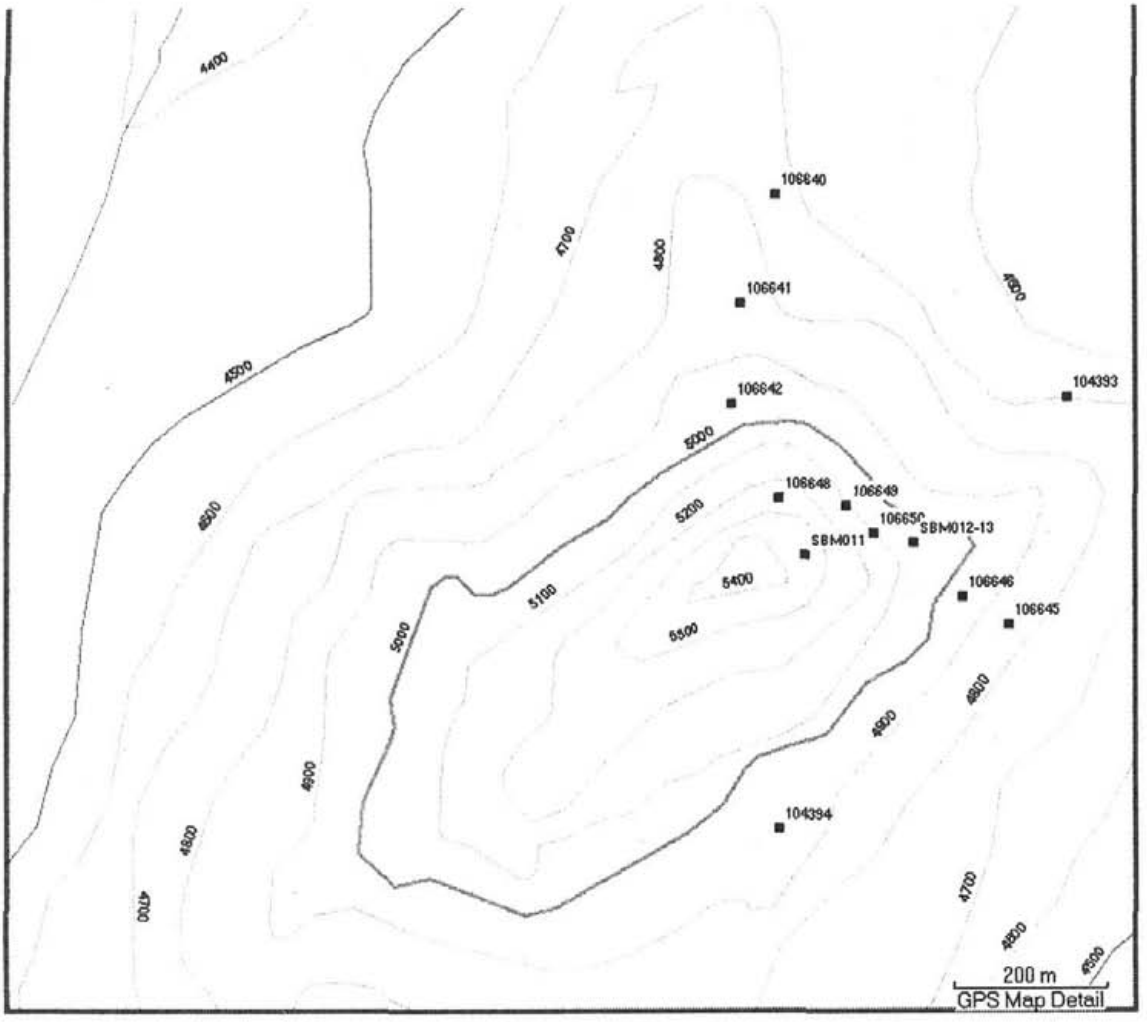
There is a rectangle of property owned by someone else that begins in the north end of the valley (centered on the hill of limestone) and extends northward, and their crew was working a soil grid while Blind Creek's crew was passing through. Beginning within their property at the southwest foot of the limestone hill, and moving south, a survey was conducted through the valley. With lime on all sides, an outcrop of altered, silicified rock that didn't look like limestone was found (sample 106633—but it *was* limestone). About 250 meters due southeast of here trenching had exposed a vein of listwanitized mariposite (it appeared to strike at 247°), and sample 106634 was lifted from here—*lifted*, since it was just inside their soil grid.

Moving south along the valley, on ground that *does* belong to Blind Creek, mariposite float can be found along the trace of the inferred fault-line. Samples 104635-636 are examples of mariposite that appeared to be in place, though the overburden made it difficult to tell. At the south end of the valley there is a gossan swamp, and samples 104637-638 were taken from the north end of that swamp. Here, too, attempts were made to bring something more than float, but the same difficulties applied. And an example of "heavy volcanic float with black cubes throughout" was taken (sample 104388), with the results showing it to be ultramafic rock.

Off the eastern boundary of the soil grid more trenching was found at the base of Gold Hill, and some beautiful specimens of pyrite were taken (104389-391). The rock appeared to be carbonatized, but turned out to be something other than listwanite. Whether this was Blind Creek's property or whether it belonged to "the others" is unknown.

At the southeast edge of the crest of Gold Hill, an old adit can be found overlooking McKee Creek, and major pyrite can be found here in a contact zone between volcanics and argillite. Samples 104384-386 were taken from around here, and have high values in zinc.

Further north, on the other side of the crest, a kind of schist with pyrite "bands" was found, and sample 104383 was taken from here.



Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
011sbm	8	0.2	59	1	32	5	110	86	5	2	40	1634	360	584473	6597456
012sbm	1765	0.2	107	1	24	10	140	92	5	2	40	2053	360	584587	6597487
013sbm	10	0.2	151	1	26	10	185	94	5	2	45	2426	460	584587	6597487
104393	13	0.2	41	3	10	5	23	22	5	1	5	219	105	584812	6597669
104394	10	0.2	3	1	2	25	65	36	10	1	10	423	40	584447	6597101
106640	8	0.2	28	1	6	20	105	75	5	1	5	1013	700	584424	6597921
106641	5	0.2	58	4	2	30	170	54	15	2	5	1235	10	584381	6597780
106642	10	0.2	53	1	62	10	65	80	10	1	5	1007	560	584372	6597649
106645	10	0.2	74	1	46	5	40	50	10	1	5	678	370	584741	6597371
106646	10	0.2	53	1	48	5	40	49	15	1	5	649	440	584681	6597406
106648	10	0.2	136	1	54	5	35	54	5	1	5	635	390	584437	6597529
106649	8	0.2	59	1	66	13	38	78	20	1	5	961	530	584526	6597522
106650	10	0.2	80	1	70	15	50	75	20	1	5	771	570	584562	6597487

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
011sbm	30	9.04	1.52	31	47	10	0.01	18	25	10	0.04	0.58	584473	6597456
012sbm	53	8.07	1.35	36	67	10	0.11	17	14	10	0.03	0.59	584587	6597487
013sbm	92	8.24	1.82	75	76	10	0.08	13	18	10	0.04	0.53	584587	6597487
104393	23	1.42	0.38	185	7	10	0.07	1	5	10	0.02	0.08	584812	6597669
104394	923	3.21	10	281	52	10	0.01	231	1	10	0.01	4.03	584447	6597101
106640	575	4.02	4.18	440	46	10	0.01	95	14	10	0.01	10	584424	6597921
106641	413	6.36	6.46	255	63	10	0.01	94	1	10	0.01	6.57	584381	6597780
106642	35	6.79	3.54	117	40	10	0.21	47	12	10	0.03	3.16	584372	6597649
106645	22	4.73	1.92	43	35	10	0.33	7	12	10	0.05	0.82	584741	6597371
106646	38	4.37	2.09	61	34	10	0.3	5	18	10	0.04	0.73	584681	6597406
106648	48	4.36	2.06	100	42	10	0.32	7	9	10	0.05	1.1	584437	6597529
106649	25	6.37	2.93	52	43	10	0.36	4	19	10	0.02	0.94	584526	6597522
106650	20	6.71	2.82	25	44	10	0.41	6	21	10	0.03	0.75	584562	6597487

The Dominion/Pyramid Zone

Pyramid Mountain is visible from miles away, and held the interest of the crew for many days before actual exploration began. Black lichen grows on the andesitic rock of the mountain, and for that reason Pyramid Mountain was dubbed "Black Mountain" until the actual name could be found. Apparently the mountain has captured the interest of other investigators, for it is known in Atlin that a major drilling program in the past found something of interest but could not expand on the original find.

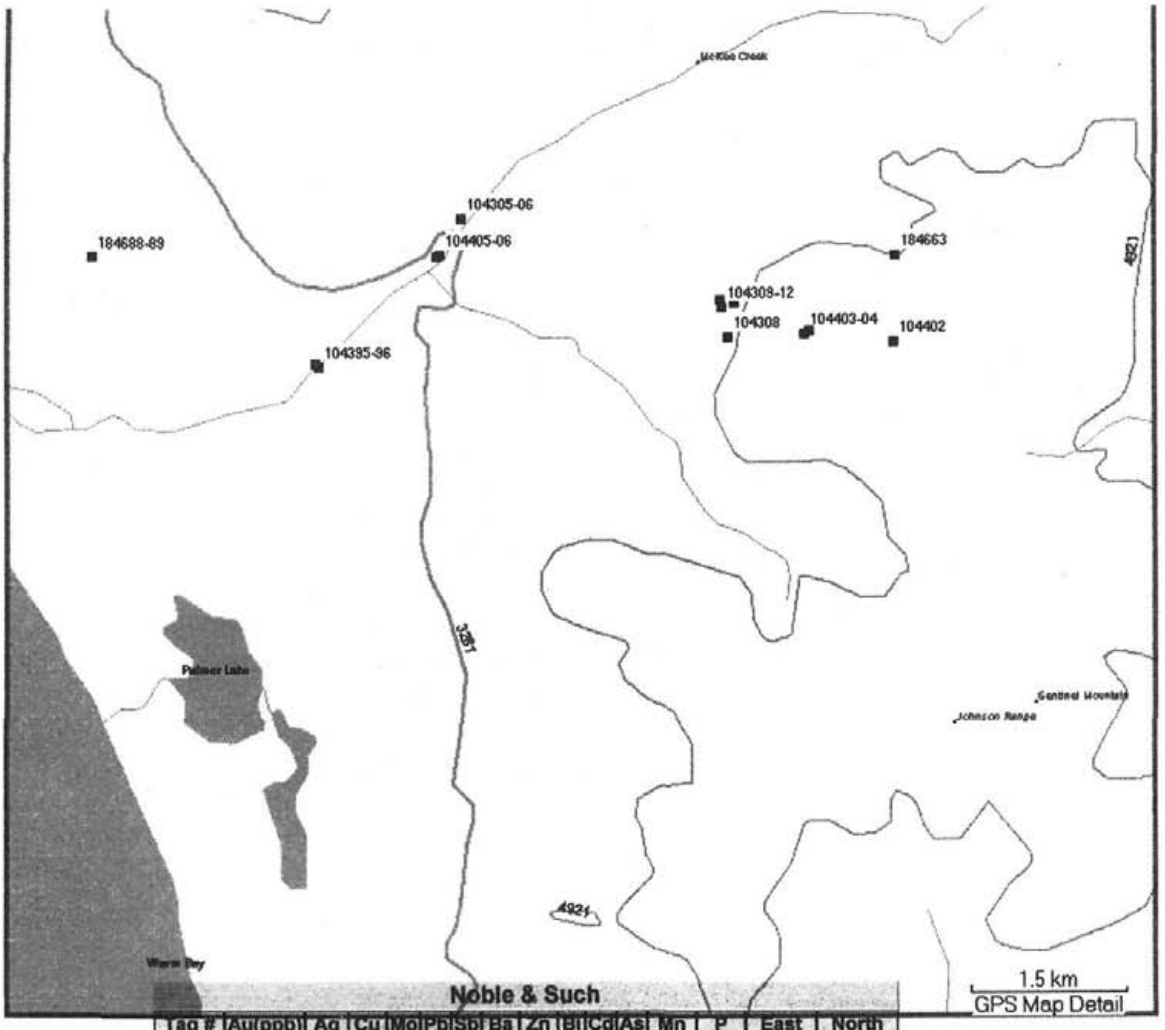
At the southeast foot of the mountain there is a massive wall of heavily oxidized, silicified (chert?) that aroused some interest, though beyond a slight hint at copper, there was nothing of value. One of the crews found a very nice specimen of pyrite at the northeast foot of the mountain (sample 104393), and after that, nothing would do but that the heights should be scaled. The easy way around the southeast slope brought a few, uninteresting samples, but a single sample of mariposite with a trace of pyrite (104394) indicates that somehow ultrabasic rocks have become involved with this mountain of andesite.

Intriguing things were found at the northwest foot of the mountain, including a little volcano that is 10 feet in circumference that is composed of light-weight ribbons of calcite that look like they've been squeezed from a tube of toothpaste. A rusty sandwich of vertical "phyllite" and quartz can be found, too (sample 106640). At the foot of a major talus slope, strange green rock can be found—probably chrome spinel—but it didn't look like mariposite (sample 106641). Oxidized mariposite *can* be found, however...

On the climb up through the talus, boxwork quartz can be found, and sample 106642 was taken because it looked like tetrahedrite (it wasn't). Other samples were taken because they were heavy, or showed splashes of silvery pyrite, or oxidation or greenish flecks of chrome spinel (none of them made the grade). Finally the top is reached, and there, on the edge of a little "nose" or promontory, some interesting rock is found, but it will be the following day's (second) sample from here that gives the results that the golden crystals of pyrite seem to promise (106648).

The next day a climb is made up through the eastern scree, and the andesite is rusty and hefty and has big splashes of silvery pyrite under the glass, so samples are taken (106645-646). A soil sample is taken from the top (SBM011), and then sample 106648 (mentioned above) is taken. A descent is now made down the east side of the "nose", bound for the major promontory that extends eastward from the foot of the mountain. Sample 106649 is taken from an outcrop just east of the nose, and further down another outcrop yields sample 106650. Then two very colourful soil samples are taken, from the side of a slope that is not conducive to good note-taking, so very little is known about the site apart from the fact that the soil is brightly coloured. This is unfortunate, since soil sample SBM012 will give the highest gold values of the entire expedition.

All in all, this is a very intriguing mountain. Vehicle access to the foot of the mountain is good, if slow, and it would certainly be worthwhile to have a better look at it in the future.



Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
104305	10	0.2	23	3	2	50	30	45	5	1	25	1323	40	583001	6594400
104306	1090	39.1	362	1	16	55	25	45	5	1	85	738	10	583001	6594400
104308	90	0.3	336	1	52	25	50	55	5	1	10	752	640	585605	6593338
104309	120	0.2	9	1	6	25	5	2	5	1	40	159	10	585649	6593663
104310	50	0.2	21	1	2	25	5	4	5	1	45	670	10	585649	6593663
104311	70	0.2	3	1	4	25	5	4	5	1	40	181	10	585531	6593621
104312	70	0.2	58	1	24	15	20	28	5	1	5	346	320	585516	6593687
104395	15	0.2	232	7	54	5	145	184	15	2	5	2554	1210	581627	6592992
104396	10	0.2	98	9	36	10	40	102	5	1	5	1006	1840	581661	6592957
104402	30	0.2	97	1	38	15	20	45	5	1	10	614	650	587190	6593321
104403	30	0.2	253	1	36	5	35	60	5	1	5	753	700	586339	6593374
104404	40	0.2	367	1	66	15	55	80	5	1	10	771	50	586374	6593406
104405	40	0.2	12	1	2	40	75	33	15	1	5	902	220	582772	6594037
104406	70	0.2	37	1	12	30	80	43	10	1	55	895	50	582807	6594054
184663	30	0.6	60	2	16	5	110	45	5	1	5	164	160	587183	6594143
184688	30	0.2	2	2	2	5	5	2	5	1	5	123	2850	579461	6593959
184689	30	0.2	1	1	2	10	15	3	5	1	5	180	3030	579461	6593959

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
104305	74	2.77	4.01	122	15	10	0.01	200	2	10	0.01	6	583001	6594400
104306	336	2.76	6.85	284	22	10	0.01	306	1	10	0.01	5.88	583001	6594400
104308	60	5.02	3.42	117	41	10	0.35	3	1	10	0.02	0.93	585605	6593338
104309	322	0.92	3.57	389	15	10	0.01	32	1	10	0.01	1.03	585649	6593663
104310	490	3.1	10	481	43	10	0.01	1	1	10	0.01	0.07	585649	6593663
104311	500	1.54	6.9	508	28	10	0.01	9	1	10	0.01	0.21	585531	6593621
104312	29	2.11	0.81	76	22	10	0.23	9	2	10	0.02	0.68	585516	6593687
104395	203	10	1.91	351	92	10	0.09	9	6	10	0.03	0.59	581627	6592992
104396	100	4.41	1.86	133	25	10	0.01	14	19	20	0.02	0.82	581661	6592957
104402	9	4.54	1.4	49	36	10	0.35	54	8	10	0.03	0.94	587190	6593321
104403	29	4.68	1.13	48	33	10	0.34	8	5	10	0.04	0.85	586339	6593374
104404	*40*	*7.8*	*3.79*	*176*	*43*	*10*	*0.27*	*6*	*1*	*10*	*0.01*	*0.36*	*586374*	*6593406*
104405	546	3.71	7.53	360	45	10	0.01	181	1	10	0.01	10	582772	6594037
104406	941	4.83	10	466	64	10	0.01	113	1	10	0.01	2.66	582807	6594054
184663	13	2.29	0.35	73	4	10	0.01	4	1	10	0.01	0.03	587183	6594143
184688	15	0.45	0.44	97	1	10	0.01	26	12	10	0.01	1.61	579461	6593959

The McKee/Sentinel Zone

The rocks of this area can be interpreted as a series of "imbricated" thrust sheets (shingles) that have placed older rocks on top of younger strata. The thrusts have come from the northwest, and displacement is thought to be large. McKee Creek flows along the major thrust fault, with both sides of the fault mapped as being mafic volcanic rocks. To the east of this, on the northern slope of Sentinel Mountain, slivers of ultramafic rock can be found, and cherts (with much red jasper) can be found in profusion to the south (a quarter-acre knob of massive red jasper can be found in the huge cirque at the head of Eldorado Creek). To the east of the ultramafites siltstone is mapped, though "volcanics" were discovered here, too.

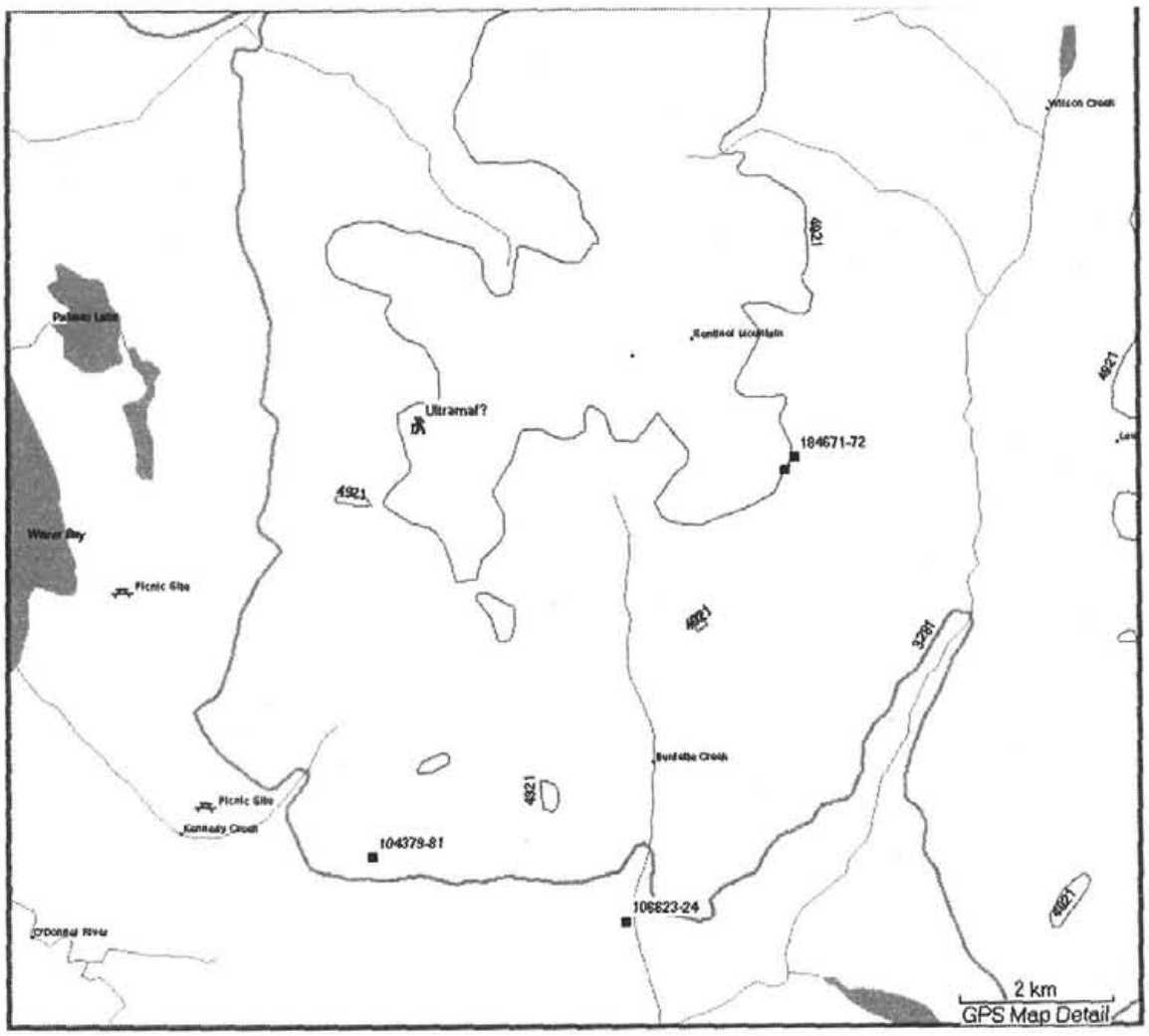
Just outside of Blind Creek's property (100 meters west of the main road, on "open" ground) a quartz showing was found. Brecciated, drusy quartz occurs at a contact between limestone and an extrusion of basaltic, tuffaceous rock. Samples 184688-689 were taken here.

Along the middle reaches of McKee Creek, on property that is currently held by John Harvey (though he has offered it for sale), a series of quartz veins with an E-W strike are exposed. Mariposite can be found, which would indicate that the ultramafites have a more extensive range than the maps show. These veins are always found in a very rusty matrix, and the returns for samples 104305-306 show that the ultramafites are probably in faulted contact with rock of a meta-sedimentary sort, leading to phyllitization in the case of 104306. Pyritization is common, though samples that were taken for their pyrite content alone were disappointing (104405-406). The mariposite appears to be the key.

Downstream in the McKee Pit, similar quartz stringers in a rusty matrix can be found, and there is evidence that ultramafites are once again key to any mineral values (samples 104395-396). And in this case, the pyrite yielded anomalous copper values. Here, too, the strike is E-W, and *all* of the McKee stringers may tie together with samples 184688-689 in some way. The dip for the McKee stringers (roughly N 60°) agrees with the accepted structure of the thrusts, and thus the hydrothermal flows may have been coeval. If they *were*, however, the mineralized fluids probably washed down from above, and will not persist to great depths.

East of here, upon approach to the location where ultramafites *have* been mapped, siltstone with signs of pyritization was found (sample 104308). Field notes describe this sample as "silicified greenstone", though volcanic rock was not the writer's intention. It's probable that this sample came from a contact zone, since ultramafic rock is found just north of it. The actual exposure of ultramafic rock to the north is described as "a large red volcanic ridge @ 250°—vertical quartz vein forms the spine"...and there is a bottle-green obsidian knob just adjacent to that ridge. Sample 104309 was taken from the quartz spine, while samples 104310-311 were taken from the "volcanic" host. Sample 104312 is taken from a nearby "andesite" knob, and shows some pyrite.

Exploration to the east of this (samples 104402-404) uncovered more pyrite, though not in ultramafic rock. And another occurrence of tuffaceous volcanic rock was found, with traces of pyrite in evidence. The results for this single sample were disappointing (sample 184663), but further investigation of these three easterly sites is probably in order.



Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
104379	20	0.2	10	1	2	38	37	63	5	2	15	322	180	584605	6583170
104380	10	0.2	23	1	14	10	75	128	5	1	25	245	1010	584605	6583170
104381	15	0.2	1	1	2	15	15	16	5	2	10	49	590	584605	6583170
106623	15	0.5	47	12	24	5	150	66	5	1	25	97	2060	587937	6582402
106624	70	0.6	81	27	26	5	155	99	5	1	25	60	1100	587936	6582407
184671	30	0.2	159	1	32	10	45	62	10	1	5	826	240	589993	6588444
184672	30	0.2	10	1	6	15	15	4	10	1	5	516	10	589890	6588268

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
104379	20	0.74	3.98	23	3	10	0.01	273	12	10	0.01	10	584605	6583170
104380	69	2.03	0.45	36	10	10	0.01	76	16	10	0.02	9.9	584605	6583170
104381	5	0.11	0.36	10	1	10	0.01	356	6	10	0.01	10	584605	6583170
106623	12	2.67	0.32	58	6	10	0.01	31	13	10	0.01	0.45	587937	6582402
106624	16	2.47	0.21	79	5	10	0.01	16	16	10	0.01	0.3	587936	6582407
184671	86	5.65	2.38	141	45	10	0.31	9	18	10	0.03	1.1	589993	6588444
184672	1542	2.93	10	872	84	10	0.01	1	1	10	0.01	0.03	589890	6588268

The Burdette/Sentinel Zone

Massive limestone reigns supreme at this end of Sentinel Mountain, and massive limestone mountains are visible at all points to the south and east. At the southern edge of Sentinel Mountain argillite takes over for and extends south, but the contact (and extension) is in most cases hidden beneath a thick glacial till. Somewhere southwest of the "peak" of Sentinel Mountain there is an occurrence of ultramafic rock (approximate location as shown on this map), and pillow basalts are reported for the same area. The prospecting expedition missed this, so future investigators should make a point of covering the ground. They will probably be forced to fly in and out, but it may be possible to get to the area by way of the quad trail that leaves McKee Pit and climbs to the cirque at the head of Eldorado Creek.

It may be significant that no ultramafites have been mapped on the eastern or southern flanks of Sentinel Mountain.

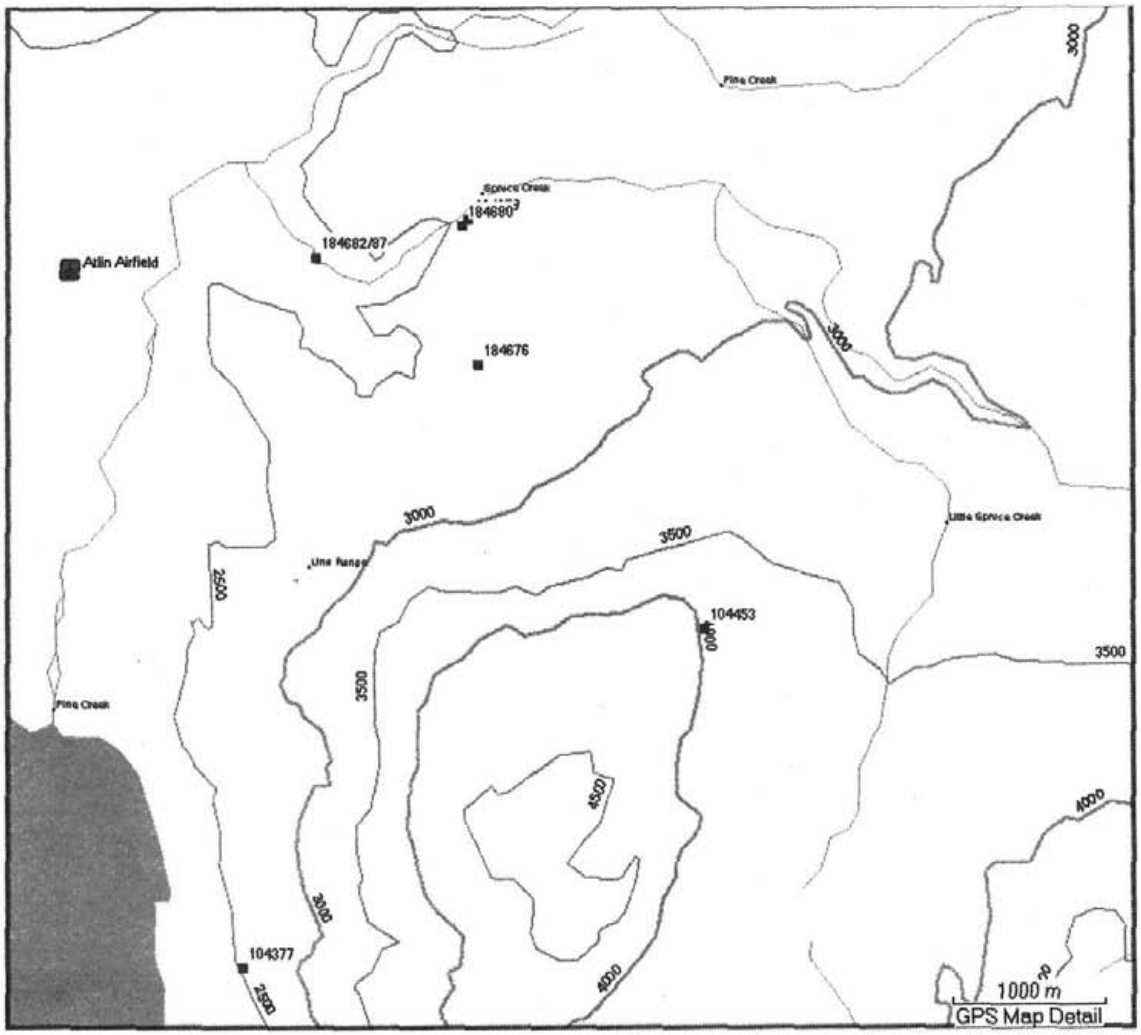
All of the creeks in this area are said to be flowing along faults, but little of value was found in the exposures. Indeed, it is said that the placer miners who worked this end of Atlin Camp went hungry all the time. Peter "Shorts" (who has been working Wilson Creek in the last few years) begs to differ, however, and one does wonder how the placer miners who worked the lower reaches of Burdette Creek in 2004 made out.

A bright red stain on Sentinel Mountain is visible from the south while travelling on the Wilson Creek Road, and in two different years crews have been sent to bring back samples. In sample, the red stain in limestone looks liquid on fresh breaks, and it was thought that cinnabar was responsible. The lab won't test for mercury, however, and values for other elements are disappointing (104379-381). Fortunately, field notes indicate that a huge limestone cave that shows signs of being used by "sheep" *did* make the journey worthwhile.

A lot of effort was expended in finding the contact between limestone and argillite, and at the one point where it *can* be found, folding and alteration are visible. This exposure can be found along Burdette Creek just upstream from the end of driveable road. Samples 106623-624 were taken from here. No "metal" was visible, but a great deal of black carbon was in evidence. Much "shale" can be found in the creek where one would expect to find limestone, but this may have been trucked from just south of the present location by placer miners.

Though trace values were found in the samples taken along this contact, it was felt that any mineralization would extend southward rather than north, which would place it outside Blind Creek's property. For that reason, these southernmost claims were dropped. Prospectors who choose to work these southern and eastern realms need an affinity for limestone.

On the southeast shoulder of Sentinel Mountain's peak, mudstones and cherts are found. Traces of pyrite were seen in sample 184671. Then a very interesting "outpouring" of "felsenmeer" of "anthracite (carbonaceous obsidian?)" gives some astounding results. Nickel and chromium values for this sample rank among the highest found during the expedition, and yet it can be emphatically stated that sample 184672 *did not come from anything ophiolitic.* Has Blind Creek discovered the world's smallest kimberlite pipe? Or is it merely petroleum?



Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
104377	40	0.2	11	32	2	5	90	212	55	3	50	57	80	576415	6600586
104453	30	0.2	2	1	2	55	15	4	10	1	30	415	10	579405	6602833
184676	80	2	6	1	4	25	30	15	10	1	405	371	10	577884	6604505
184679	30	0.2	92	1	10	5	55	16	5	1	5	201	490	577802	6605433
184680	30	0.2	95	1	20	5	85	35	5	1	5	457	380	577769	6605394
184682	30	0.2	5	1	2	30	50	7	10	1	20	994	10	576805	6605173
184687	30	0.2	3	1	2	50	60	7	10	1	35	902	10	576805	6605173

Basic & Such

Tag #	Ni	Fe %	Mg %	Cr	Co	W	Ti %	Sr	Y	La	Na %	Ca %	East	North
104377	195	10	0.01	76	14	10	0.01	7	1	10	0.01	0.48	576415	6600586
104453	1157	3.01	10	339	42	10	0.01	82	1	10	0.01	1.47	579405	6602833
184676	107	1.45	2.4	129	11	10	0.01	116	1	10	0.01	4.66	577884	6604505
184679	39	3.91	0.88	53	34	10	0.21	5	20	10	0.1	0.73	577802	6605433
184680	*31*	*3.42*	*1.42*	*60*	*31*	*10*	*0.23*	*22*	*30*	*10*	*0.21*	*2.02*	*577769*	*6605394*
184682	1445	4.23	10	647	57	10	0.01	59	1	10	0.01	1.3	576805	6605173
184687	1390	3.92	10	295	58	10	0.01	340	1	10	0.01	3.95	576805	6605173

The Atlin/Monarch Zone

East of Atlin, overburden covers everything, but at the townsite itself, running north and south along the shoreline of Atlin Lake, mafic and ultramafic rocks are found. Then from the point where Pine Creek turns southerly for its final run down to the lake only ultramafites will be found, and there is a spectacular showing of these (the Pictou Claim) within walking distance of the "Pine Subdivision" residential area of Atlin. All of Monarch Mountain is ultramafic rock, and it is at the southern end of this mountain that the Union Fault leaves the lake, cuts across Monarch Mountain, then cuts across the northern shoulder of Union Mountain to form the bewildering array of rocks that was referred to on page 10 (Dominion/Union). The Pine Creek Fault crosses this zone, too, and two smaller faults (the Pictou and the Beavis) branch off of the Pine Fault here. Unfortunately, quite a bit of the property in this zone belongs to someone else. Nevertheless, a very nice sample was "stolen" along the main road at the start of the Union Fault (104377). Beautiful pyrite, it yielded nothing of value.

Just up from the mouth of Spruce Creek (take the trail that branches off of the "Public Panning" road) a seam of mariposite was found that appeared to strike at 320°, and this may be tied to the ultramafic rock that is found near Atlin (see report for "Atlin/Como" on page 15). Samples 184682-687 were taken at this site, but the results were disappointing.

Two kilometres up from the mouth of Spruce Creek (drive out from Atlin past the turnoff for the "Public Panning" road, then turn right at the next road) there is a place to ford Spruce Creek with quads, and once across there is an old road heading west that will eventually loop around and bring one back to the headwaters of Little Spruce Creek. Many other roads branch from this, and the other side of Spruce Creek Canyon was approached by way of two different branch roads (neither of which went all the way). Samples 184679 and 184670 were hefty and showed silvery splashes of pyrite, but once again these splashes yielded nothing of value.

Sample 184676 came from one of the red zones that appear at each end of the loop that the old road makes. These two red zones are linked, and strike northerly, so at the time it was felt that they were also linked to 184682-687. This is doubtful, however, and they probably mark the boundary of a thrust sheet that extends toward the base of Monarch Mountain. This particular sample contained mariposite.

A lonely southwest corner of Blind Creek's property takes in a smidgeon of the ultramafic rock that is Monarch Mountain. Here can be found mariposite and rusty quartz in profusion. Sample 104453 was taken from a drusy stockwork of parallel quartz veins, but the results show nothing of interest. This is probably fortunate, since the exciting ground around here is owned by someone else.

As mentioned, there is a chance that an unmapped fault crosses between the site of samples 184682-687 and the ultramafites that were found in someone's backyard near Atlin. If this is the case, the fault lies beneath the Atlin airstrip and is covered with overburden; more importantly, this fault would have to cross the Pine Fault, and the junction would make an excellent drill target.

Copper Values Over 100 ppm (Entire Expedition):

Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
104441	610	11.3	1868	29	6860	25	85	4136	5	12	30	222	50	540566	6583796
104433	90	2.2	1718	1	26	5	40	73	5	1	5	407	880	540138	6583976
104439	40	0.5	473	768	14	5	55	35	5	1	25	236	600	540597	6583687
104404	40	0.2	367	1	66	15	55	80	5	1	10	771	50	586374	6593406
104306	1090	39.1	362	1	16	55	25	45	5	1	85	738	10	583001	6594400
104308	90	0.3	336	1	52	25	50	55	5	1	10	752	640	585605	6593338
100W0025N	5	0.2	315	18	9	5	168	107	5	1	15	2620	255	574716	6607105
104364	10	0.2	265	2	36	8	355	74	5	2	30	2490	540	574667	6607243
104403	30	0.2	253	1	36	5	35	60	5	1	5	753	700	586339	6593374
104395	15	0.2	232	7	54	5	145	184	15	2	5	2554	1210	581627	6592992
104383	20	0.2	214	5	22	5	198	90	5	1	18	230	205	587296	6598723
104365	10	0.2	195	29	4	5	15	5	5	1	25	59	10	574667	6607243
184671	30	0.2	159	1	32	10	45	62	10	1	5	826	240	589993	6588444
106632	20	0.2	152	13	4	5	130	121	5	1	40	850	10	583924	6599698
013sbm	10	0.2	151	1	26	10	185	94	5	2	45	2426	460	584587	6597487
104371	10	0.2	139	1	28	5	45	19	5	1	10	240	370	572906	6607278
106648	10	0.2	136	1	54	5	35	54	5	1	5	635	390	584437	6597529
184696	30	0.2	130	5	2	5	90	85	5	1	5	1331	380	585573	6602697
104354	5	0.2	122	1	19	5	50	19	5	1	5	236	2910	588458	6606286
104431	60	0.2	121	1	10	5	190	57	5	1	20	118	200	591744	6605208
184660	30	0.2	115	14	14	5	180	32	5	1	5	20	190	592096	6599315
106615	5	0.2	114	1	12	5	15	14	5	1	5	161	420	592155	6606255
104391	420	1	113	2	16	10	65	137	5	1	320	601	1130	586378	6598458
106638	15	0.2	113	7	2	10	70	67	5	1	35	1275	40	585572	6597704
104342	30	0.3	110	2	20	5	680	26	5	1	15	236	150	592504	6598901
184658	30	0.3	109	25	16	5	85	92	5	1	5	82	300	592146	6599357
012sbm	1765	0.2	107	1	24	10	140	92	5	2	40	2053	360	584587	6597487

Silver Values Over 1 ppm (Entire Expedition):

Noble & Such

Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	Ba	Zn	Bi	Cd	As	Mn	P	East	North
104306	1090	39.1	362	1	16	55	25	45	5	1	85	738	10	583001	6594400
104352	90	29.8	13	4	5734	5	5	2	45	4	30	28	10	588413	6606347
104441	610	11.3	1868	29	6860	25	85	4136	5	12	30	222	50	540566	6583796
104423	40	3.3	45	19	204	5	125	69	5	1	165	143	60	546949	6593504
104426	40	2.7	65	5	338	5	35	69	5	2	5	122	520	547088	6594144
104433	90	2.2	1718	1	26	5	40	73	5	1	5	407	880	540138	6583976
104351	65	2.1	89	6	16	30	80	43	5	2	785	853	210	574798	6608829
184676	80	2	6	1	4	25	30	15	10	1	405	371	10	577884	6604505
104391	420	1	113	2	16	10	65	137	5	1	320	601	1130	586378	6598458

Blind Creek Resources: the Personnel

2004 Staking Crew:

Doug Merrick ~ crew coordinator

Tom Hatton ~ office coordinator

Jeff Merrick ~ GPS and field

Bret Hatton ~ field

Travis Theisen ~ field

Chance Bodenchuk ~ field

Devin Hake ~ field

Brad White ~ field

Brad Davies ~ field

2005 Drilling Crew:

Peter "Shorts" ~ bullcook

Gene Harris ~ drill foreman

Larry Archacan ~ driller

Brad Davies ~ driller's helper

Randy ~ Skidder / Transport

Mary & Verlene ~ camp cooks

2006 Prospecting Crew:

Doug Merrick ~ crew coordinator

Jeff Merrick ~ computer and field

Corey Escott ~ field

Brad White ~ field

Brad Davies ~ field

REPORT OF PHYSICAL EXPLORATION AND DEVELOPMENT
Section 15 - Mineral Tenure Act Regulation

1. Event number:	2. Tenure number(s):	3. Type of Tenure:
4111349	SEE ATTACHED LIST	☑ Mineral, or ☐ Placer
4. Recorded holder: 203166	**Address:** 1500 - 875 W. HASTINGS ST VANCOUVER BC V6B 1N2	**Phone:** 604-569-6463
5. Operator: D. MERRICK / BLIND CK	**Address:** BOX 247 WELLS BC V0K 2R0	**Phone:** 250-994-0002
6. Report author: D. MERRICK	**Address:** Box 19, WELLS BC V0K 2R0	**Phone:** 994-3380
7. Qualifications of operator:	D. MERRICK – 30 YEARS PROSPECTOR. FIELD LAYOUT. B. DAVIES – CERTIFIED BCIT PROSPECTORS. J. MERRICK –	

8. Brief summary of work activity on claim(s) in recent years:	FIRST WORK ON NEW STAKING, EXCEPT DRILLING ON IN 2005. 700 FT WAS DRILLED WITH POOR RESULTS. SPRUCE MTN, HEADWATERS SNAKE CK.

NEW WORK (Attach additional sheets if more space is required)

9. Start date: AUG 20/06 **Stop date:** OCT 30/06	**10. Tenure number(s) of claim(s) that work was performed on:** ALL TENURES WERE VISITED AND SAMPLES TAKEN WHERE APPROPRIATE.
11. Detailed written description of the work activity and results obtained: (If ground control or survey work is being claimed please attach plan(s) as required by Section 15 of the Regulations)	SEE ATTACHED.
12. Metric dimensions of workings: (Open cuts, adits, pits, shafts, trenches)	SAMPLES ONLY
13. Amount of material excavated and tested or processed: (metric units)	SAMPLES ONLY
14. Geographic location of work sites: (access description, map numbers, map coordinates) Attach 1:10,000 scale MTO map	ATLIN AREA. FROM ATLIN UP PINE CK TO SURPRISE LAKE. ALL SOUTH TO WILSON CK AND SENTINEL MT. ALL EAST OF WARM BAY ROAD

RECEIVED
JAN 18 2007
Gold Commissioner's Office
VANCOUVER, B.C.

RECEIVED
GOVERNMENT AGENT
QUESNEL
JAN 16 2007
NOT AN OFFICIAL RECEIPT
TRANS #.....

Continue on following page

15. Was GPS used to map work sites? If yes, specify make and model: GARMIN 12	16. Work site(s) marking (flagging, cut lines, other): FLAGGING + METAL TAGS AT SAMPLE SITES
17. Are photographs of work sites attached? NO	18. Was Notice of work filed? Permit number: HAND ONLY

COST STATEMENT

19. Expense(s):	Total Hours	Hourly Rate	Daily Rate	Total(s) ($)
Labour cost: (specify type)				
SUPERVISION	552	30		16560
LABOUR	1630	20		32600
Equipment & Machinery cost: (specify type)				11107.52
HELICOPTER				

20. Transportation: (specify type)	Rate(s)	Days / Distance	Total(s) ($)
4X4 CREW CAB	$50./DAY+INS+FUEL	50 DAYS	4893.25
HONDA ATV	$ 50./DAY	50	2500 "
Lodging / Food:			
	266 MAN DAYS @ 82.14		17,371.59
Other: (specify)			
FREIGHT + ASSAY 321	321 SAMPLES @ 23.90		7671.90
		Total costs:	93,224.06
		Amount claimed for assessment:	92824.05

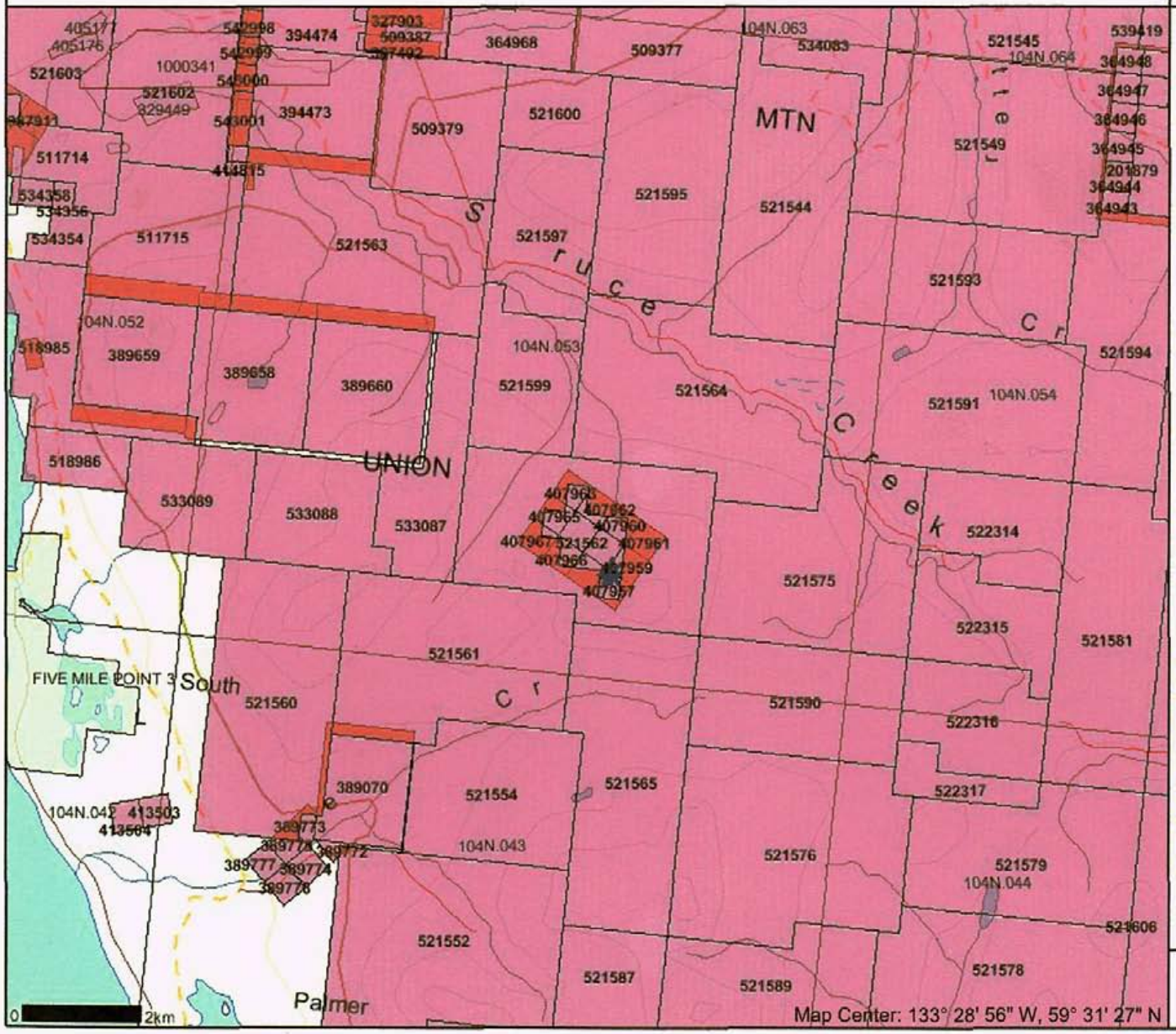
Craig Allen
(Signature of Recorded Holder / Agent)

Mar 20/06
(Date)

Please ensure you attach the map.
This report must be submitted within 30 days of the date you registered the exploration and development work in MTO.

Submit the report to any Government Agent, Mineral Titles Office, or you can mail to:
Mineral Titles Branch
Ministry of Energy, Mines and Petroleum Resources
300 - 865 Hornby Street
Vancouver, BC V6Z 2G3

Map created Sat Nov 25 11:29:12 PST 2006



Legend

- Indian Reserves
- National Parks
- Parks
- Mineral Tenures
- Reserves (Sites)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- Mining Divisions
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Areaof Exclusion
- Areaof Indefinite Contours
- Annotation (1:250K)
- Transportation - Points (1:250K)
- Airfield
- Anchorage - Seaplane
- Ferry Route
- Heliport
- Seaplane Base
- Air Field
- Airport
- Air Feature - Condition Unknown
- Airport.Abandoned
- Transportation - Lines (1:250K)
- Ferry Route
- Aerial Cableway
- Road (Gravel Undivided) - 1 Lane
- Road (Gravel Undivided) - 3 Lanes
- Road - Paved.lanes.2or More.Divided
- Road (Paved Undivided) - Not Elevated - 1 Lane
- Road (Paved Undivided) - Not Elevated - 2 Lanes
- Road - Paved.lanes.3or More.Undivided
- Road (Unimproved)
- Road - Loose.access Dry Weather
- Road (Winter Road)
- Road - Paved.lanes.2.Undivided
- Road - Paved.lanes.2.Undivided.U/C
- Road - Paved.Divided.access.Non Standard
- Track - Cart/Tractor
- Causeway (Railway)
- Cut (Roadway)
- Trail
- Tunnel

Scale: 1:104,726

DO NOT USE FOR NAVIGATION

Report of assessment work tenures
510928,510932,521544,521545,521547,521549,521550,521552,521554,521555,521556,
521557,521558,521559,521560,521561,521562,521563,521564,521565,521575,521576,
521577,521578,521579,521581,521589,521590,521591,521593,521594,521595,521597,
521599,521600,521601,521607,522314,522315,522316,522317,521606.

This is a very large block of claims. It extends from Surprise Lake to Wilson creek and Sentinel mountain. Three teams of prospectors set out to cover the entire area. Wherever exposed bedrock could be located it was explored and sampled.

To start, Surprise lake road was taken to Wright, Otter and Snake creeks area, on the eastern end of Spruce mountain. Some drilling had been carried out near Snake creek in 2005 so this area was extensively scrutinized. One small galena showing, in quartz, was found and some mineralization in several areas. Anything promising was sampled. All sample locations were GPS'd [Garmin 12] and computer mapped.

Next we concentrated near the PRIZE MINING operations on Pine creek , closer to Atlin, to see if their showing might extend our way.

Not a lot of bedrock was exposed this low down but some rock samples were taken and some soils.

Taking the first left off the Spruce creek road leads to the old NOLAN MINE. Driving through the mine site a high plateau area opens up. It is largely open Alpine country and many days were spent exploring large exposed rock areas. One area known variously as "Gold" or "Pyramid" or "Black" mountain was of particular interest as considerable work has been done here previously. Report # 13269

McKee creek road was used, then ATV, on trails leading east and south.

Sentinel mountain was accessed from the Warm Bay road which extends past Burdette creek and as far east as Wilson Creek.

When everything that could be reached by foot or 4x4 or ATV had been exhausted, helicopter was used to drop crews in the most remote areas. Crews then explored on foot, out to pickup on the roads.

The crew was housed in cabins rented from Atlin Inn, and fed at the Pine Tree restaurant. Discovery helicopter, based in Atlin, provided helicopter service. Two Atlin residents were hired and four crew members drove to Atlin from Wells B.C.

Assay results are encouraging and will be submitted to a geologist for study. Follow up work will aim for drill targets and a drill program of the most promising areas in 2007.

Doug Merrick

om: <MT.online@gov.bc.ca>
To: <dmerrick@goldcity.net>
Sent: Tuesday, November 14, 2006 1:41 PM
Subject: SOW-M (4111349) 2006/NOV/14 13:41:57 Mineral Titles Online, Transaction event, Email confirmation

Event Number: 4111349
Event Type: Exploration and Development Work / Expiry Date Change

Work Type Code: P

Required Work Amount: 92824.05

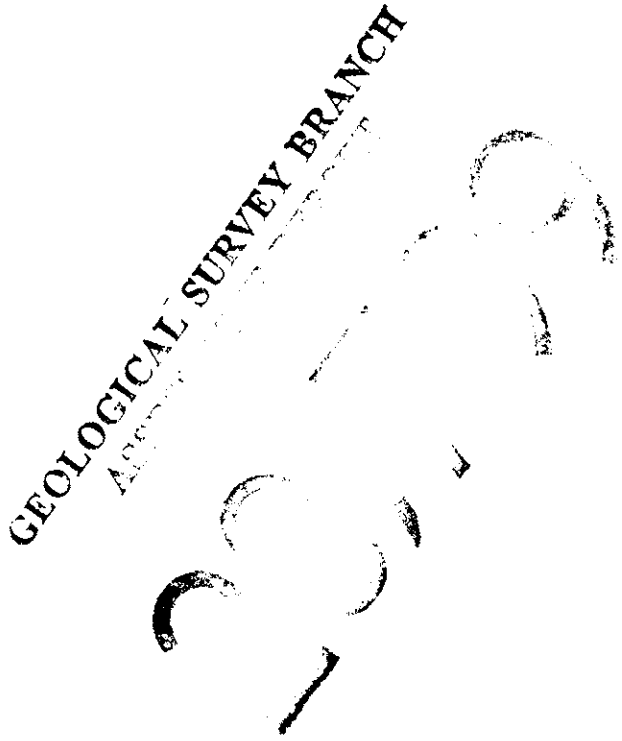
Total Work Amount: 92824.05

Total Amount Paid: 9282.4

ATTENTION
BRIAN WALLACE

Tenure Number: 510928
Tenure Type: M
Tenure Subtype: C
Claim Name: BLIND CREEK
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 1095.41
Tenure Submission Fee: 109.54

Tenure Number: 510932
Tenure Type: M
Tenure Subtype: C
Claim Name: BLIND CREEK 2
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 913.42
Tenure Submission Fee: 91.34



Tenure Number: 521544
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2773.35
Tenure Submission Fee: 277.34

Tenure Number: 521545
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15

Tenure Required Work Amount: 3224.93
Tenure Submission Fee: 322.49

ure Number: 521547
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2450.98
Tenure Submission Fee: 245.10

Tenure Number: 521549
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 3182.01
Tenure Submission Fee: 318.20

Tenure Number: 521550
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
v Good To Date: 2007/SEP/15
Tenure Required Work Amount: 3560.01
Tenure Submission Fee: 356.00

Tenure Number: 521552
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 3329.65
Tenure Submission Fee: 332.97

Tenure Number: 521554
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 1777.61
Tenure Submission Fee: 177.76

Tenure Number: 521555
ure Type: M
Tenure Subtype: C

Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2282.95
Tenure Submission Fee: 228.30

Tenure Number: 521556
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 3793.74
Tenure Submission Fee: 379.37

Tenure Number: 521557
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2547.76
Tenure Submission Fee: 254.78

Tenure Number: 521558
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 3242.90
Tenure Submission Fee: 324.29

Tenure Number: 521559
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2968.89
Tenure Submission Fee: 296.89

Tenure Number: 521560
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2688.39
Tenure Submission Fee: 268.84

Tenure Number: 521561
Tenure Type: M
ure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2733.34
Tenure Submission Fee: 273.33

Tenure Number: 521562
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2595.32
Tenure Submission Fee: 259.53

Tenure Number: 521563
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 3001.31
ure Submission Fee: 300.13

Tenure Number: 521564
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 3230.81
Tenure Submission Fee: 323.08

Tenure Number: 521565
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2688.90
Tenure Submission Fee: 268.89

Tenure Number: 521575
Tenure Type: M
Tenure Subtype: C
im Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15

Tenure Required Work Amount: 2731.98
Tenure Submission Fee: 273.20

Tenure Number: 521576
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 3236.28
Tenure Submission Fee: 323.63

Tenure Number: 521577
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2282.05
Tenure Submission Fee: 228.21

Tenure Number: 521578
Tenure Type: M
Tenure Subtype: C
Claim Name:
Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 3238.15
Tenure Submission Fee: 323.82

Tenure Number: 521579
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2233.37
Tenure Submission Fee: 223.34

Tenure Number: 521581
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2459.56
Tenure Submission Fee: 245.96

ure Number: 521587
Tenure Type: M
Tenure Subtype: C

Claim Name:
Old Good To Date: 2007/jan/05
v Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2007.83
Tenure Submission Fee: 200.78

Tenure Number: 521589
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2006.96
Tenure Submission Fee: 200.70

Tenure Number: 521590
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 1822.20
Tenure Submission Fee: 182.22

Tenure Number: 521591
ure Type: M
enure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2730.13
Tenure Submission Fee: 273.01

Tenure Number: 521593
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2001.16
Tenure Submission Fee: 200.12

Tenure Number: 521594
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
ure Required Work Amount: 2001.64
enure Submission Fee: 200.16

Tenure Number: 521595
Tenure Type: M
ure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 2182.27
Tenure Submission Fee: 218.23

Tenure Number: 521597
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 1318.65
Tenure Submission Fee: 131.87

Tenure Number: 521599
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 1183.03
ure Submission Fee: 118.30

Tenure Number: 521600
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 681.72
Tenure Submission Fee: 68.17

Tenure Number: 521601
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/JAN/06
Tenure Required Work Amount: 6.50
Tenure Submission Fee: 0.65

Tenure Number: 521607
Tenure Type: M
Tenure Subtype: C
im Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/JAN/06

Tenure Required Work Amount: 10.44
Tenure Submission Fee: 1.04

Tenure Number: 522314
Tenure Type: M
Tenure Subtype: C
Claim Name: ROSE TOP
Old Good To Date: 2006/nov/15
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 1367.49
Tenure Submission Fee: 136.75

Tenure Number: 522315
Tenure Type: M
Tenure Subtype: C
Claim Name: ROSE BOTTOM
Old Good To Date: 2006/nov/15
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 1367.99
Tenure Submission Fee: 136.80

Tenure Number: 522316
Tenure Type: M
Tenure Subtype: C
Claim Name: LEFT OF SLATE
Old Good To Date: 2006/nov/15
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 1368.37
Tenure Submission Fee: 136.84

Tenure Number: 522317
Tenure Type: M
Tenure Subtype: C
Claim Name: JOHNSON NINE
Old Good To Date: 2006/nov/15
New Good To Date: 2007/SEP/15
Tenure Required Work Amount: 492.70
Tenure Submission Fee: 49.27

Tenure Number: 521606
Tenure Type: M
Tenure Subtype: C
Claim Name:
Old Good To Date: 2007/jan/05
New Good To Date: 2007/JAN/06
Tenure Required Work Amount: 11.90
Tenure Submission Fee: 1.19

ir physical work report is due in 30 days as per Section 33 of the Mineral Tenure Act and Section 15 of the Mineral Tenure Act Regulation. Please attach a copy of your confirmation page to the front of your report.The "Physical Work Report Template" can be accessed on our information site under Mineral Tenure Act Forms:

http://www.em.gov.bc.ca/mining/titles/forms

Server Name: PRODUCTION

MINFILE Record Summary

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MINFILE No 104N 100 by
Inventory Report by

SUMMARY

Summary Help

Name	GV	**Mining Division**	Atlin
		BCGS Map	
Status	Showing	**NTS Map**	104N11W
Latitude	59° 30' 55" N	**UTM**	08 (NAD 83)
Longitude	133° 28' 26" W	**Northing**	6598422
		Easting	586360
Commodities	Gold	**Deposit Types**	
Tectonic Belt	Intermontane	**Terrane**	Cache Creek

Capsule Geology

The area is underlain by Upper Mississippian to Upper Pennsylvanian Kedahda Formation volcanics and sediments of the Mississippian to Triassic Cache Creek Group (Complex?). These consist of andesite, limestone, chert and pyritic argillite with quartz filled fractures. These host listwanite altered ultramafic bodies and a felsic body termed "rhyolite" by Claymore Resources. The ultramafic body is likely related to the Pennsylvanian to Permian Atlin Ultramafic Allochthon (Aitken, GSC Memoir 307). The ultramafic rocks are spatially related to the Pennsylvanian to Mississippian Nakina Formation (Cache Creek Group) and possibly genetically related as well (Monger, GSC Paper 74-47).

Gold mineralization is associated with the "rhyolite" and ad- jacent argillites. The "rhyolite" contains quartz filled fractures that show no visible sulphides. Gold values are highest where these veins are most dense. The overall pyrite content of this rock is less than 1 per cent. The best assay came from a drill hole set up on the "rhyolite" where a 3.05 metre section assayed 9.39 grams per tonne gold (Assessment Report 13269). Sporadic gold/silver values were also obtained from the listwanites.

Bibliography

EMPR ASS RPT 10537, 12051, 13269
EMPR EXPL 1981-320; 1983-551; 1984-402
GSC MEM 307
GSC P 74-47
GSC MAP 1082A; 1418A
GCNL #42,#171,#183,#242, 1984; #6, 1985
DIAND OF 1990-4
Cordey, F. et al (1987): Significance of Jurassic Radiolarions from the Cache Creek Terrane, British Columbia, in Geology V. 15, pp. 1151-1154

MINFILE Record Summary

MINFILE No 104N 042
Inventory Report

SUMMARY

Name	GOLDEN VIEW, IVY MAY, ALEXANDRA, MAIN VEIN, NORTH VEIN	**Mining Division**	Atlin
		BCGS Map	
Status	Prospect	**NTS Map**	104N12E
Latitude	59° 32' 05" N	**UTM**	08 (NAD 83)
Longitude	133° 34' 18" W	**Northing**	6600464
		Easting	580781
Commodities	Gold, Copper, Molybdenum, Silver	**Deposit Types**	
Tectonic Belt	Intermontane	**Terrane**	Cache Creek

Capsule Geology

The Golden View occurrence is located on the northwest flank of Union Mountain about 8 kilometres southeast of Atlin. The occurrence was discovered in 1899 and received sporadic work until 1903, in 1912, 1950, 1951, and more recently from 1979 to 1981.

The showing is in carbonatized harzburgite above and in hanging wall of Monarch Mountain thrust.

The mineralized zones occur along the contacts of two major rock types; rocks of the Permian to Pennsylvanian Atlin Ultramafic Allochthon and mafic volcanic rocks of the Lower Mississippian to Middle Pennsylvanian Nakina Formation of the Mississippian to Triassic Cache Creek Group. The ultramafic rocks may be sill-like and essentially coeval with the mafic volcanic flow rocks. They are composed of coarse-grained peridotites, serpentinites, and more rarely diorites. The volcanic rocks are composed often of massive, dark grey-green "greenstone". The contacts are often characterized by shear zones, intense serpentinization and quartz-carbonate (listwanite?) alteration in the ultramafic rocks, and quartz veins. Slickensides are common.

Mineralization occurs in narrow, less than 20 centimetre wide quartz veins with orientations striking northwest-southeast. Two main occurrences are called the Main Vein and North Vein. The North vein is 12 centimetres wide and was traced for 70 metres before breaking into a network of quartz veinlets. Malachite, pyrite, and chalcopyrite occur. No visible gold was seen. The Main vein comprises two, parallel, 15 centimetre wide quartz veins traced for 130 metres. They also disperse into quartz veinlets to the southeast. The veins contain visible gold, and minor pyrite and malachite. The small diorite plug also contains disseminated molybdenite and narrow quartz veinlets containing rosettes of molybdenite.

A sample taken across 23 centimetres contained 17.83 grams per tonne gold and 26.06 grams per tonne silver (Annual Report, 1950).

Bibliography

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EMPR PF (Black, J.M., (1953): Atlin Placer Camp, Unpublished Report, 116 pages)
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MINFILE Record Summary

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MINFILE No 104N 034

by
by

SUMMARY

Summary Help

Name	SPRUCE CREEK, KOKEN	**Mining Division**	Atlin
		BCGS Map	
Status	Past Producer	**NTS Map**	104N12E
Latitude	59° 33' 29" N	**UTM**	08 (NAD 83)
Longitude	133° 32' 30" W	**Northing**	6603099
		Easting	582421
Commodities	Gold	**Deposit Types**	C02 : Buried-channel placers
Tectonic Belt	Intermontane	**Terrane**	Cache Creek

Capsule Geology

Spruce Creek flows northwest into Pine Creek about 4 kilo- metres east of Atlin. The main creek is about 23 kilometres long with two main 4 kilometre long branches at its head. The creek was worked for a length of about 5 kilometres primarily in an area around the midpoint of its course. Some work has been done in the upper reaches of the creek, but the operations have been small and less successful.

Some hydraulic mining and steam shovel operations were done on the main part of Spruce Creek but by far the majority of gold was recovered by significant underground development in the early 1900's. From 1896 to 1945, approximately 7,926,848 grams of gold were re- covered from Spruce Creek making it the largest gold producer in Atlin (Bulletin 28). Records showing the exact amount of underground work are not available. Greater development on Pine Creek (104N 030) recently allowed it to become the largest gold producer in Atlin, overtaking Spruce in 1956.

The creek flows over primarily mafic volcanic rocks of the Nakina Formation of the Upper Paleozoic Cache Creek Group. Minor chert, argillite, and limestone of the stratigraphically higher Kedahda Formation are also exposed both in the lower and upper reaches of the creek.

Two pay channels, the "grey" and the "red", have been developed on Spruce Creek. The red channel sits on bedrock; the richest pay came from the first 1.8 to 2.4 metres of gravel above bedrock.

Bibliography

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MINFILE Record Summary

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MINFILE No 104N 039

by
by

SUMMARY

Summary Help

Name	SLATE CREEK, WILSON CREEK	**Mining Division**	Atlin
		BCGS Map	
Status	Past Producer	**NTS Map**	104N06W
Latitude	59° 24' 05" N	**UTM**	08 (NAD 83)
Longitude	133° 22' 42" W	**Northing**	6585870
		Easting	592076
Commodities	Gold	**Deposit Types**	
Tectonic Belt	Intermontane	**Terrane**	Cache Creek

Capsule Geology

Slate Creek flows south into the O'Donnel River. Most of the work was carried out around the midpoint of the creek, which is about 27 kilometres southeast of Atlin. The creek is about 19 kilometres long.

Gold was first discovered on the creek in 1898 during the dis- covery years in the Atlin Camp and was subsequently staked. The creek was more or less abandoned until 1905 when it was worked almost continuously until 1921. The creek has produced 48,863 grams of gold from 1906 to 1940 but has not received much recent work (Bulletin 28).

Slate Creek is underlain by chert, argillite, and limestone of the Mississippian to Permian Kedahda Formation of the Cache Creek Group. To the north and west of the creek around Sentinel Mountain are extensive exposures of massive, dark grey, mafic volcanic flows (greenstone) of the Nakina Formation which underlies the Kedahada Formation.

Map 1082A from GSC Memoir 307 (1959) has incorrectly named Slate Creek as Wilson Creek, which is actually located 5 kilometres to the east.

Bibliography

EMPR BULL 28, pp. 17,18
EMPR P 1984-2
GSC MEM 307
GSC P 74-47
EMPR AR 1899-647; 1903-140; 1906-54,57; 1907-51,53; 1908-49,52; 1909-52; 1910-54; 1911-58; 1912-59; 1913-70; 1914-78,97; 1915- 62; 1917-79; 1918-100; 1919-86,91; 1920-73; 1921-84,144; 1933- 83; 1935-B28; 1936-B60; 1937-B39; 1948-173; 1955-82
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MINFILE Record Summary

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MINFILE No 104N 035

by
by

SUMMARY

Summary Help

Name	MCKEE CREEK	**Mining Division**	Atlin
		BCGS Map	
Status	Past Producer	**NTS Map**	104N05E
Latitude	59° 27' 53" N	**UTM**	08 (NAD 83)
Longitude	133° 33' 30" W	**Northing**	6592686
		Easting	581704
Commodities	Gold	**Deposit Types**	
Tectonic Belt	Intermontane	**Terrane**	Cache Creek

Capsule Geology

McKee Creek flows west and southwest into Atlin Lake about 14 kilometres south of Atlin. The creek is about 12 kilometres long and has been worked primarily in the middle third section of its length. Hydraulic mining was started in 1903 and accounted for most of the gold recovered from McKee. Some underground work was also done on the creek in the mid 1930's. From 1898 to 1945, approximately 1,369,123 grams of gold were recovered from the creek making it the 5th largest producer in the Atlin Camp (Bulletin 28).

The creek flows over primarily mafic greenstone of the Mississi- pian to Pennsylvanian Nakina Formation (Cache Creek Group), and ultramafics of the Pennsylvanian to Permian Atlin Intrusions. Cherts and argillites of the Kedahda Formation (Cache Creek Group) overlie the Nakina Formation and are exposed at higher elevations. There is also a small exposure midway down the creek of quartz veins within a shear zone hosted in chert and near a small diorite plug (See 104N 117).

The stratigraphy of McKee Creek consists of a thick till over- lying a 30 metre thick glacial-fluvial sequence. Underlying this is a layer of coarse boulders which overlays the auriferous channel gravels. The gold can be very coarse, and as elsewhere in Atlin, it is found in fractures in highly weathered bedrock down to a depth of 1.2 to 1.8 metres.

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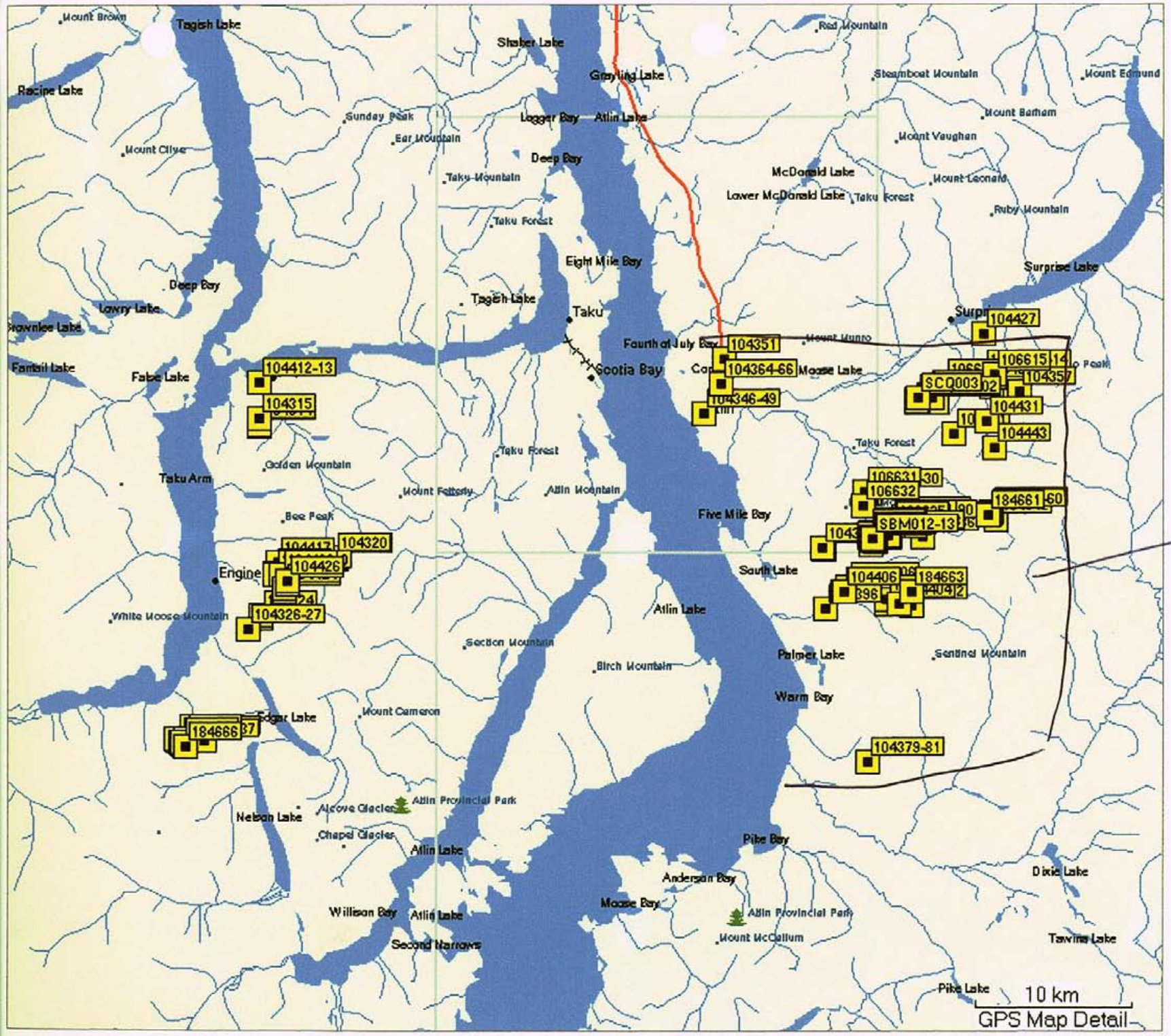
EMPR MAP 17
EMPR ASS RPT 5799, 6324, 6464, 11912, 13134, 13307, 14507, 14336, 15620
EMPR AR 1898-987; 1899-610,647,649,653; 1900-740,754,757,775,779; 1901-984; 1902-36,37,40; 1903-43,46; 1904-57,73,87,94; 1905- 69,75; 1906-48,57; 1907-48,53; 1908-45,52; 1909-21,49; 1910-21, 51; 1911-55; 1912-55; 1913-67; 1914-74,86; 1915-59; 1916-43; 1917-76; 1918-96,97; 1919-88; 1920-71; 1921-83,122; 1924-81; 1925-117; 1926-109; 1927-110,115; 1928-122; 1929-428; 1930- 127,357; 1932-66; 1933-83; 1935-B28,G47; 1936-B59; 1937-B44; 1938-B30; 1939-103; 1940-89; 1941-84; 1942-84; 1945-124; 1946- 195; 1947-188; 1948-173; 1949-239; 1950-197; 1951-202; 1952-236; 1953-174; 1954-168; 1955-82; 1956-138; 1957-73; 1958-78; 1959- 146; 1960-121; 1961-127; 1962-137; 1966-254; 1967-294
EMPR MISC PUB (Stratigraphy of the Placers in Atlin, Placer Mining Camp, P.J. & W.M. Proudlock, 1976)
EMPR PF (Black, J.M., (1953): Atlin Placer Camp, Unpublished Report, 116 pages)



CLAIM AREA.

RELEVANT WAYPOINTS

McKEE - PRIVATE

Waypoint	10430506	8 V 583001 6594400		Symbol & Name Unknown
Waypoint	104308	8 V 585605 6593338	— JUST SOUTH	Symbol & Name Unknown
Waypoint	104309-10	8 V 585649 6593663	DOE EAST McKEE	Symbol & Name Unknown
Waypoint	104311	8 V 585531 6593621		Symbol & Name Unknown
Waypoint	104312	8 V 585516 6593687		Symbol & Name Unknown
Waypoint	104313	8 V 545167 6604059		Symbol & Name Unknown
Waypoint	104314	8 V 545168 6604148		Symbol & Name Unknown
Waypoint	104315	8 V 545179 6604578		Symbol & Name Unknown
Waypoint	104316+	8 V 545165 6606885		Symbol & Name Unknown
Waypoint	104318	8 V 550232 6595594		Symbol & Name Unknown
Waypoint	104319	8 V 550162 6595720		Symbol & Name Unknown
Waypoint	104320	8 V 550127 6595739		Symbol & Name Unknown
Waypoint	104321	8 V 545401 6591698		Symbol & Name Unknown
Waypoint	104322	8 V 545414 6591741		Symbol & Name Unknown
Waypoint	104323	8 V 545414 6591927		Symbol & Name Unknown
Waypoint	104324	8 V 545412 6591932		Symbol & Name Unknown
Waypoint	104326-27	8 V 544631 6591024		Symbol & Name Unknown
Waypoint	104328	19-SEP-06 17:12	8 V 581480 6596764 — BLACK MTN	
Symbol & Name		Unknown		
Waypoint	104330	1/8/2007 1:56:53 AM	8 V 581384 6596847	
Symbol & Name		Unknown		
Waypoint	104332	20-SEP-06 18:01	8 V 592306 6607549	
Symbol & Name		Unknown		
Waypoint	104335	1/8/2007 1:58:11 AM	8 V 592277 6607492	
Symbol & Name		Unknown		

Waypoint 104337 1/8/2007 2:00:55 AM 8 V 541948 6583880
Symbol & Name Unknown
Waypoint 104338 8 V 591967 6607452 Symbol &
Name Unknown
Waypoint 104339 8 V 591799 6607577 Symbol &
Name Unknown
Waypoint 104342 23-SEP-06 20:46 8 V 592504 6598901
Symbol & Name Unknown
Waypoint 104346-49 25-SEP-06 19:23 8 V 573589 6605288 — HIWAY SAMPLE
Symbol & Name Unknown
Waypoint 104351 8 V 574798 6608829 Symbol &
Name Unknown
Waypoint 104352 8 V 588413 6606347 5174 ft Symbol &
Name Unknown
Waypoint 104354 8 V 588458 6606286 Symbol &
Name Unknown
Waypoint 104357 8 V 593781 6607132 Symbol &
Name Unknown
Waypoint 104361 8 V 589614 6604312 4964 ft Symbol &
Name Unknown
Waypoint 104364-66 8 V 574667 6607243 2539 ft Symbol &
Name Unknown
Waypoint 104379-81 8 V 584605 6583170 3819 ft Symbol &
Name Unknown
Waypoint 104383 8 V 587296 6598723 5173 ft Symbol &
Name Unknown
Waypoint 104384 8 V 587749 6597754 5220 ft Symbol &
Name Unknown
Waypoint 104385 8 V 587764 6597715 5204 ft Symbol &
Name Unknown
Waypoint 104386 8 V 587761 6597706 5209 ft Symbol &
Name Unknown
Waypoint 104388 8 V 585571 6598111 4601 ft Symbol &
Name Unknown
Waypoint 104389-90 — 8 V 586384 6598469 4791 ft DANDY Symbol &
Name Unknown
Waypoint 104391 — 8 V 586378 6598458 4781 ft Symbol &
Name Unknown
Waypoint 104394 8 V 584447 6597101 4918 ft Symbol &
Name Unknown
Waypoint 104395 8 V 581627 6592992 2726 ft Symbol &
Name Unknown
Waypoint 104396 8 V 581661 6592957 2719 ft Symbol &
Name Unknown
Waypoint 104402 8 V 587190 6593321 5894 ft Symbol &
Name Unknown

Waypoint	104403	8 V 586339 6593374	5467 ft	Symbol & Name Unknown
Waypoint	104404	8 V 586374 6593406	5476 ft	Symbol & Name Unknown
Waypoint	104405	8 V 582772 6594037	3231 ft	Symbol & Name Unknown
Waypoint	104406	8 V 582807 6594054	3277 ft	Symbol & Name Unknown
Waypoint	104412-13	1/8/2007 2:32:56 AM 8 V 545155 6606888		GRAHAM ARM TUCT OUT.
Symbol & Name		Unknown		
Waypoint	104415	8 V 546547 6595279	5784 ft	Symbol & Name Unknown
Waypoint	104416	8 V 546552 6595292	5778 ft	Symbol & Name Unknown
Waypoint	104417	8 V 546544 6595329	5744 ft	Symbol & Name Unknown
Waypoint	104418	8 V 546331 6594664	5583 ft	Symbol & Name Unknown
Waypoint	104419-20	8 V 546331 6594591	5629 ft	Symbol & Name Unknown
Waypoint	104422	8 V 546731 6594540	5200 ft	Symbol & Name Unknown
Waypoint	104423	8 V 546949 6593504	5420 ft	Symbol & Name Unknown
Waypoint	104424	8 V 546966 6593644	5290 ft	Symbol & Name Unknown
Waypoint	104425	8 V 547080 6593998	5218 ft	Symbol & Name Unknown
Waypoint	104426	8 V 547088 6594144	5237 ft	Symbol & Name Unknown
Waypoint	104427	8 V 591370 6610832	3368 ft	Symbol & Name Unknown
Waypoint	104428-29	8 V 591391 6608241	3659 ft	Symbol & Name Unknown
Waypoint	104431	8 V 591744 6605208	3687 ft	Symbol & Name Unknown
Waypoint	104432	8 V 540162 6583898	5551 ft	Symbol & Name Unknown
Waypoint	104433 DOUGLAS	8 V 540138 6583976	5580 ft	Symbol & Name Unknown
Waypoint	104434	8 V 540140 6583983	5575 ft	Symbol & Name Unknown
Waypoint	104435	8 V 540369 6583820	5374 ft	Symbol & Name Unknown
Waypoint	104436-37	8 V 540543 6583680	5152 ft	Symbol & Name Unknown

Waypoint	104438	8 V 540567 6583682 5174 ft	Symbol & Name Unknown
Waypoint	104439	8 V 540597 6583687 5266 ft	Symbol & Name Unknown
Waypoint	104440	8 V 540632 6583544 5207 ft	Symbol & Name Unknown
Waypoint	104441	8 V 540566 6583796 5120 ft	Symbol & Name Unknown
Waypoint	104443	8 V 592293 6603520 3869 ft	Symbol & Name Unknown
Waypoint	106601	1/8/2007 2:04:17 AM 8 V 588919 6607539	Symbol & Name Unknown
Waypoint	106603	8 V 587996 6606857	Symbol & Name Unknown
Waypoint	106604	8 V 588068 6606821	Symbol & Name Unknown
Waypoint	106605	8 V 587300 6606306	Symbol & Name Unknown
Waypoint	106606	8 V 587222 6606354	Symbol & Name Unknown
Waypoint	106607	8 V 588182 6606572	Symbol & Name Unknown
Waypoint	106608	8 V 587132 6606295	Symbol & Name Unknown
Waypoint	106609	8 V 587196 6606464	Symbol & Name Unknown
Waypoint	106612	8 V 592115 6608002	Symbol & Name Unknown
Waypoint	106613-14	8 V 592154 6608238	Symbol & Name Unknown
Waypoint	106615	8 V 592155 6608255	Symbol & Name Unknown
Waypoint	106628	8 V 584312 6600404	Symbol & Name Unknown
Waypoint	106629-30	8 V 584112 6600441	Symbol & Name Unknown
Waypoint	106631	8 V 584037 6600476	Symbol & Name Unknown
Waypoint	106632	8 V 583924 6599598	Symbol & Name Unknown
Waypoint	106634	8 V 585775 6598406	Symbol & Name Unknown
Waypoint	106635	8 V 585844 6598367	Symbol & Name Unknown
Waypoint	106636	8 V 585718 6597679	Symbol & Name Unknown

DOUBGNS

SPRUCE

Border 534083 5215414.

Waypoint	106637-38		8 V 585572 6597704	Symbol & Name Unknown
Waypoint	106640		8 V 584424 6597921	Symbol & Name Unknown
Waypoint	106641		8 V 584381 6597780	Symbol & Name Unknown
Waypoint	106642		8 V 584372 6597649	Symbol & Name Unknown
Waypoint	106645		8 V 584741 6597371	Symbol & Name Unknown
Waypoint	106646	Spruce Mountain	8 V 584681 6597406	
Symbol & Name		Unknown		
Waypoint	106648		8 V 584437 6597529	Symbol & Name Unknown
Waypoint	106649		8 V 584526 6597522	Symbol & Name Unknown
Waypoint	106650		8 V 584562 6597487	Symbol & Name Unknown
Waypoint	184654-58		8 V 592146 6599357	Symbol & Name Unknown
Waypoint	184659-60		8 V 592096 6599315	Symbol & Name Unknown
Waypoint	184661		8 V 591976 6599182	Symbol & Name Unknown
Waypoint	184663	1/8/2007 2:06:35 AM	8 V 587183 6594143	
Symbol & Name		Unknown		
Waypoint	184664	28-SEP-06 19:07	8 V 540719 6584002	
Symbol & Name		Unknown		
Waypoint	184665	28-SEP-06 19:58	8 V 540549 6583792	
Symbol & Name		Unknown		
Waypoint	184666	28-SEP-06 20:53	8 V 540685 6583534	
Symbol & Name		Unknown		
Waypoint	SBM011		8 V 584473 6597456	Symbol & Name Unknown
Waypoint	SBM012-13	1/8/2007 2:14:37 AM	8 V 584587 6597487	
Symbol & Name		Unknown		
Waypoint	SCQ001-02	1/8/2007 2:20:57 AM	8 V 587158 6606390	
Symbol & Name		Unknown		
Waypoint	SCQ003	1/8/2007 2:21:37 AM	8 V 587249 6606550	
Symbol & Name		Unknown		

GOLD (Au):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
012sbm	1765	0.2	107	1	24	10	10	92	2	40	2053	360
104306	1090	39.1	362	1	16	55	10	45	1	85	738	10
104413	920	0.4	4	2	10	15	10	5	1	640	32	120
104441	610	11.3	1868	29	6860	25	20	4136	12	30	222	50
104391	420	1	113	2	16	10	10	137	1	320	601	1130
104412	308	0.2	12	7	14	10	10	59	1	270	648	570
106601	288	0.5	13	2	2	47	10	12	1	245	514	85
104347	220	0.2	7	1	4	30	10	7	1	5	1010	250
104328	150	0.2	53	1	50	15	10	52	1	10	686	310
104390	135	0.4	29	6	18	5	10	129	2	65	1030	840
104389	125	0.6	39	6	2	5	10	134	1	110	1233	1000
104309	120	0.2	9	1	6	25	10	2	1	40	159	10
104308	90	0.3	336	1	52	25	10	55	1	10	752	640
104433	90	2.2	1718	1	26	5	10	73	1	5	407	880
104352	90	29.8	13	4	5734	5	10	2	4	30	28	10
104324	80	0.2	7	7	12	5	10	19	1	30	16	70
104314	70	0.2	35	1	34	5	10	72	1	10	474	980
104311	70	0.2	3	1	4	25	10	4	1	40	181	10
104406	70	0.2	37	1	12	30	10	43	1	55	895	50
104312	70	0.2	58	1	24	15	10	28	1	5	346	320
104330	70	0.2	37	1	20	5	10	6	1	5	87	250
104351	65	2.1	89	6	16	30	10	43	2	785	853	210
104307	60	0.2	10	1	32	5	10	43	1	8	406	865
104431	60	0.2	121	1	10	5	10	57	1	20	118	200
104428	60	0.6	7	3	6	5	10	40	1	20	663	1360
104419	60	0.3	9	7	32	5	10	75	1	65	499	720
104313	60	0.3	58	1	50	15	10	75	1	10	511	960
104315	60	0.2	31	1	36	10	10	45	1	10	395	590
104320	60	0.2	17	1	44	15	10	62	1	15	590	1080
104323	60	0.2	36	6	10	5	10	4	1	5	50	100
104322	60	0.2	12	2	26	5	10	37	1	5	287	800
104319	60	0.2	8	1	46	20	10	65	1	10	1239	1080
104338	60	0.2	6	1	2	20	10	5	1	50	328	10
104318	60	0.4	44	1	106	15	10	104	1	40	177	660
104316	55	0.2	13	7	32	8	10	51	1	10	789	765

SILVER (Ag):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104306	1090	39.1	362	1	16	55	10	45	1	85	738	10
104352	90	29.8	13	4	5734	5	10	2	4	30	28	10
104441	610	11.3	1868	29	6860	25	20	4136	12	30	222	50
104423	40	3.3	45	19	204	5	10	69	1	165	143	60
104426	40	2.7	65	5	338	5	10	69	2	5	122	520
104433	90	2.2	1718	1	26	5	10	73	1	5	407	880
104351	65	2.1	89	6	16	30	10	43	2	785	853	210
104391	420	1	113	2	16	10	10	137	1	320	601	1130
184666	30	0.9	3	120	29	5	10	3	1	5	18	180
104425	40	0.7	24	11	48	5	10	61	2	90	963	620
104361	5	0.6	19	1	12	5	10	15	1	5	63	150
104389	125	0.6	39	6	2	5	10	134	1	110	1233	1000
184663	30	0.6	60	2	16	5	10	45	1	5	164	160
104422	40	0.6	50	1	66	5	10	70	1	5	927	3590
104428	60	0.6	7	3	6	5	10	40	1	20	663	1360
106601	288	0.5	13	2	2	47	10	12	1	245	514	85
184656	30	0.5	34	31	18	5	10	57	1	5	63	190
104439	40	0.5	473	768	14	5	20	35	1	25	236	600
184654	30	0.4	16	7	18	5	10	46	1	5	57	200
104386	15	0.4	54	2	36	5	10	296	4	10	378	820
104413	920	0.4	4	2	10	15	10	5	1	640	32	120
104318	60	0.4	44	1	106	15	10	104	1	40	177	660
104390	135	0.4	29	6	18	5	10	129	2	65	1030	840
106636	15	0.4	13	1	2	45	10	8	1	160	575	10
184659	40	0.3	48	22	22	5	10	73	1	5	57	860
104387	20	0.3	39	6	24	5	10	73	1	15	46	850
184655	30	0.3	38	7	22	5	10	78	1	5	55	270
104308	90	0.3	336	1	52	25	10	55	1	10	752	640
104313	60	0.3	58	1	50	15	10	75	1	10	511	960
050W0100S	5	0.3	18	1	14	5	10	50	1	5	512	270
104342	30	0.3	110	2	20	5	10	26	1	15	236	150
104443	30	0.3	34	22	18	5	10	157	1	5	180	450
104419	60	0.3	9	7	32	5	10	75	1	65	499	720
104418	30	0.3	32	7	8	5	10	17	1	165	62	20
100W0050S	5	0.3	12	1	16	5	10	41	1	5	976	740

COPPER (Cu):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104441	610	11.3	1868	29	6860	25	20	4136	12	30	222	50
104433	90	2.2	1718	1	26	5	10	73	1	5	407	880
104439	40	0.5	473	768	14	5	20	35	1	25	236	600
104404	40	0.2	367	1	66	15	10	80	1	10	771	50
104306	1090	39.1	362	1	16	55	10	45	1	85	738	10
104308	90	0.3	336	1	52	25	10	55	1	10	752	640
100W0025N	5	0.2	315	18	9	5	10	107	1	15	2620	255
104364	10	0.2	265	2	36	8	10	74	2	30	2490	540
104403	30	0.2	253	1	36	5	10	60	1	5	753	700
104395	15	0.2	232	7	54	5	10	184	2	5	2554	1210
104383	20	0.2	214	5	22	5	10	90	1	18	230	205
014smc	15	0.2	206	6	30	15	10	140	4	175	1772	760
104392	15	0.2	195	1	22	10	10	43	1	5	560	590
050W0000N	10	0.2	181	5	16	5	10	46	1	25	925	300
106632	20	0.2	152	13	4	5	10	121	1	40	850	10
013sbm	10	0.2	151	1	26	10	10	94	2	45	2426	460
008sun	20	0.2	139	6	20	15	10	146	2	165	7416	690
106648	10	0.2	136	1	54	5	10	54	1	5	635	390
050W0025N	5	0.2	130	5	10	5	10	59	1	65	949	420
104354	5	0.2	122	1	19	5	10	19	1	5	236	2910
104431	60	0.2	121	1	10	5	10	57	1	20	118	200
104398	10	0.2	119	4	30	5	10	55	1	5	470	310
184660	30	0.2	115	14	14	5	10	32	1	5	20	190
106615	5	0.2	114	1	12	5	10	14	1	5	161	420
106638	15	0.2	113	7	2	10	10	67	1	35	1275	40
104391	420	1	113	2	16	10	10	137	1	320	601	1130
104342	30	0.3	110	2	20	5	10	26	1	15	236	150
184658	30	0.3	109	25	16	5	10	92	1	5	82	300
012sbm	1765	0.2	107	1	24	10	10	92	2	40	2053	360
010sbm	5	0.2	99	1	28	5	10	76	2	30	1360	330
104396	10	0.2	98	9	36	10	10	102	1	5	1006	1840
104402	30	0.2	97	1	38	15	10	45	1	10	614	650
104357	5	0.2	89	1	12	5	10	36	1	5	305	140
104351	65	2.1	89	6	16	30	10	43	2	785	853	210
005sun	5	0.2	88	3	34	5	10	154	2	35	1670	810

LEAD (Pb):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104441	610	11.3	1868	29	6860	25	20	4136	12	30	222	50
104352	90	29.8	13	4	5734	5	10	2	4	30	28	10
104426	40	2.7	65	5	338	5	10	69	2	5	122	520
104423	40	3.3	45	19	204	5	10	69	1	165	143	60
104318	60	0.4	44	1	106	15	10	104	1	40	177	660
104424	30	0.2	23	4	88	5	10	115	1	5	327	300
106650	10	0.2	80	1	70	15	10	75	1	5	771	570
104432	30	0.2	24	6	68	20	10	130	2	10	1045	1940
104422	40	0.6	50	1	66	5	10	70	1	5	927	3590
106649	8	0.2	59	1	66	13	10	78	1	5	961	530
104404	40	0.2	367	1	66	15	10	80	1	10	771	50
106642	10	0.2	53	1	62	10	10	80	1	5	1007	560
104337	30	0.2	35	6	60	25	10	64	1	10	1085	1380
104415	40	0.2	54	4	60	15	10	67	1	20	292	1110
104416	30	0.2	31	1	60	5	10	55	1	10	322	1030
106648	10	0.2	136	1	54	5	10	54	1	5	635	390
104395	15	0.2	232	7	54	5	10	184	2	5	2554	1210
104417	30	0.2	20	1	54	10	10	62	1	15	276	1000
104308	90	0.3	336	1	52	25	10	55	1	10	752	640
104328	150	0.2	53	1	50	15	10	52	1	10	686	310
104313	60	0.3	58	1	50	15	10	75	1	10	511	960
104327	30	0.2	21	2	50	10	10	33	1	35	190	2220
106646	10	0.2	53	1	48	5	10	49	1	5	649	440
104425	40	0.7	24	11	48	5	10	61	2	90	963	620
104427	30	0.2	80	15	46	10	10	80	1	10	433	1590
106645	10	0.2	74	1	46	5	10	50	1	5	678	370
104319	60	0.2	8	1	46	20	10	65	1	10	1239	1080
104385	10	0.2	59	1	44	15	10	274	4	10	768	700
104320	60	0.2	17	1	44	15	10	62	1	15	590	1080
104339	30	0.2	16	1	44	35	10	53	1	20	1102	670
104434	30	0.2	74	1	44	20	10	62	1	10	618	1520
104653	30	0.2	58	1	40	5	10	151	1	5	1054	580
104329	40	0.2	63	1	40	20	10	40	1	5	300	420
104321	50	0.2	18	1	38	5	10	62	1	5	447	1610
104402	30	0.2	97	1	38	15	10	45	1	10	614	650

MOLYBDENUM (Mo):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104439	40	0.5	473	768	14	5	20	35	1	25	236	600
184666	30	0.9	3	120	29	5	10	3	1	5	18	180
104440	50	0.2	9	42	24	5	10	13	1	20	99	410
184656	30	0.5	34	31	18	5	10	57	1	5	63	190
104441	610	11.3	1868	29	6860	25	20	4136	12	30	222	50
184657	30	0.3	26	26	20	5	10	40	1	5	44	305
184658	30	0.3	109	25	16	5	10	92	1	5	82	300
184659	40	0.3	48	22	22	5	10	73	1	5	57	860
104443	30	0.3	34	22	18	5	10	157	1	5	180	450
104423	40	3.3	45	19	204	5	10	69	1	165	143	60
100W0025N	5	0.2	315	18	9	5	10	107	1	15	2620	255
104427	30	0.2	80	15	46	10	10	80	1	10	433	1590
184660	30	0.2	115	14	14	5	10	32	1	5	20	190
106632	20	0.2	152	13	4	5	10	121	1	40	850	10
104340	30	0.2	82	13	22	5	10	81	1	5	51	200
106628	25	0.2	58	12	6	5	10	57	1	25	92	280
104425	40	0.7	24	11	48	5	10	61	2	90	963	620
106629	20	0.2	73	11	16	5	10	91	1	5	49	430
184661	30	0.2	68	10	24	5	10	68	1	5	175	960
104396	10	0.2	98	9	36	10	10	102	1	5	1006	1840
184665	30	0.2	5	9	24	5	10	15	1	5	114	570
106638	15	0.2	113	7	2	10	10	67	1	35	1275	40
104316	55	0.2	13	7	32	8	10	51	1	10	789	765
104418	30	0.3	32	7	8	5	10	17	1	165	62	20
104429	40	0.2	15	7	2	25	10	41	2	25	1854	1310
104419	60	0.3	9	7	32	5	10	75	1	65	499	720
104412	308	0.2	12	7	14	10	10	59	1	270	648	570
104395	15	0.2	232	7	54	5	10	184	2	5	2554	1210
184655	30	0.3	38	7	22	5	10	78	1	5	55	270
100W0000N	5	0.2	71	7	10	5	10	85	1	15	1980	540
050W0025S	5	0.2	67	7	8	5	10	82	1	10	1352	420
104324	80	0.2	7	7	12	5	10	19	1	30	16	70
184654	30	0.4	16	7	18	5	10	46	1	5	57	200
104323	60	0.2	36	6	10	5	10	4	1	5	50	100
106637	45	0.2	68	6	4	15	10	85	1	20	1029	570

ZINC (Zn):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104441	610	11.3	1868	29	6860	25	20	4136	12	30	222	50
104384	10	0.2	65	6	32	5	10	316	8	10	414	860
104386	15	0.4	54	2	36	5	10	296	4	10	378	820
104385	10	0.2	59	1	44	15	10	274	4	10	768	700
104437	30	0.2	22	5	36	15	10	193	1	20	965	1340
104651	15	0.2	79	3	34	5	10	191	7	10	2725	1990
104395	15	0.2	232	7	54	5	10	184	2	5	2554	1210
104443	30	0.3	34	22	18	5	10	157	1	5	180	450
005sun	5	0.2	88	3	34	5	10	154	2	35	1670	810
104653	30	0.2	58	1	40	5	10	151	1	5	1054	580
008sun	20	0.2	139	6	20	15	10	146	2	165	7416	690
014sru	5	0.2	38	6	24	5	10	144	1	70	1851	2140
014smc	15	0.2	206	6	30	15	10	140	4	175	1772	760
104391	420	1	113	2	16	10	10	137	1	320	601	1130
104389	125	0.6	39	6	2	5	10	134	1	110	1233	1000
104432	30	0.2	24	6	68	20	10	130	2	10	1045	1940
104390	135	0.4	29	6	18	5	10	129	2	65	1030	840
104380	10	0.2	23	1	14	10	10	128	1	25	245	1010
018ssp	5	0.2	16	1	12	5	10	121	1	5	1667	640
106632	20	0.2	152	13	4	5	10	121	1	40	850	10
104424	30	0.2	23	4	88	5	10	115	1	5	327	300
015sgl	5	0.2	78	5	22	5	10	108	1	10	373	2390
100W0025N	5	0.2	315	18	9	5	10	107	1	15	2620	255
104318	60	0.4	44	1	106	15	10	104	1	40	177	660
104396	10	0.2	98	9	36	10	10	102	1	5	1006	1840
104336	30	0.2	3	3	14	10	10	98	1	10	2500	520
104652	15	0.2	47	1	18	5	10	96	2	15	568	1780
013sbm	10	0.2	151	1	26	10	10	94	2	45	2426	460
012sbm	1765	0.2	107	1	24	10	10	92	2	40	2053	360
184658	30	0.3	109	25	16	5	10	92	1	5	82	300
106629	20	0.2	73	11	16	5	10	91	1	5	49	430
104383	20	0.2	214	5	22	5	10	90	1	18	230	205
106610	5	0.2	44	1	33	8	10	86	1	5	761	715
011sbm	8	0.2	59	1	32	5	10	86	2	40	1634	360
106637	45	0.2	68	6	4	15	10	85	1	20	1029	570

ANTIMONY (Sb):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104306	1090	39.1	362	1	16	55	10	45	1	85	738	10
104305	10	0.2	23	3	2	50	10	45	1	25	1323	40
104348	30	0.2	7	1	2	50	10	9	1	55	917	40
106601	288	0.5	13	2	2	47	10	12	1	245	514	85
106636	15	0.4	13	1	2	45	10	8	1	160	575	10
104346	40	0.2	5	1	2	45	10	6	1	5	790	20
104349	30	0.2	4	1	2	40	10	11	1	55	738	10
104405	40	0.2	12	1	2	40	10	33	1	5	902	220
106609	10	0.2	4	1	2	40	10	6	1	105	429	10
104379	20	0.2	10	1	2	38	10	63	2	15	322	180
106603	10	0.2	16	1	2	35	10	13	1	25	856	50
106607	5	0.2	25	1	2	35	10	8	1	10	402	10
106612	15	0.2	6	1	8	35	10	16	1	45	1076	320
106614	5	0.2	5	1	2	35	10	9	1	10	1005	40
104339	30	0.2	16	1	44	35	10	53	1	20	1102	670
106635	15	0.2	4	2	2	35	10	26	1	110	445	10
106631	15	0.2	8	1	2	35	10	10	1	15	347	20
106604	5	0.2	8	1	2	35	10	5	1	35	488	10
104332	30	0.2	13	1	7	33	10	4	1	10	518	10
106641	5	0.2	58	4	2	30	10	54	2	5	1235	10
104335	40	0.2	4	1	4	30	10	32	1	100	731	50
106634	50	0.2	17	1	2	30	10	8	1	50	569	10
104406	70	0.2	37	1	12	30	10	43	1	55	895	50
104388	15	0.2	8	1	2	30	10	6	1	120	768	10
104351	65	2.1	89	6	16	30	10	43	2	785	853	210
106605	25	0.2	9	1	2	30	10	3	1	20	653	10
106613	5	0.2	12	1	2	30	10	26	1	5	756	10
104347	220	0.2	7	1	4	30	10	7	1	5	1010	250
106608	10	0.2	3	1	30	25	10	29	1	20	970	190
104337	30	0.2	35	6	60	25	10	64	1	10	1085	1380
104394	10	0.2	3	1	2	25	10	36	1	10	423	40
104441	610	11.3	1868	29	6860	25	20	4136	12	30	222	50
104310	50	0.2	21	1	2	25	10	4	1	45	670	10
104309	120	0.2	9	1	6	25	10	2	1	40	159	10
104334	30	0.2	25	1	6	25	10	4	1	35	389	10

TUNGSTEN (W):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104439	40	0.5	473	768	14	5	20	35	1	25	236	600
104441	610	11.3	1868	29	6860	25	20	4136	12	30	222	50
104356	5	0.2	71	1	24	10	10	32	1	5	413	470
104349	30	0.2	4	1	2	40	10	11	1	55	738	10
104351	65	2.1	89	6	16	30	10	43	2	785	853	210
104352	90	29.8	13	4	5734	5	10	2	4	30	28	10
104353	5	0.2	46	1	24	15	10	33	1	5	409	390
104362	5	0.2	81	1	28	10	10	38	1	5	531	440
104355	5	0.2	76	1	22	10	10	26	1	5	334	510
104346	40	0.2	5	1	2	45	10	6	1	5	790	20
104357	5	0.2	89	1	12	5	10	36	1	5	305	140
104358	10	0.2	28	1	8	15	10	35	1	5	658	460
104359	5	0.2	10	4	2	5	10	1	1	5	27	70
104360	5	0.2	4	4	2	5	10	1	1	5	63	10
104332	30	0.2	13	1	7	33	10	4	1	10	518	10
104354	5	0.2	122	1	19	5	10	19	1	5	236	2910
104347	220	0.2	7	1	4	30	10	7	1	5	1010	250
104345	30	0.2	33	1	22	5	10	25	1	5	436	310
104344	30	0.2	26	1	18	15	10	10	1	5	116	390
104343	30	0.2	46	1	14	5	10	38	1	10	181	140
104342	30	0.3	110	2	20	5	10	26	1	15	236	150
104341	30	0.2	53	1	20	5	10	40	1	15	228	160
104340	30	0.2	82	13	22	5	10	81	1	5	51	200
104339	30	0.2	16	1	44	35	10	53	1	20	1102	670
104338	60	0.2	6	1	2	20	10	5	1	50	328	10
104337	30	0.2	35	6	60	25	10	64	1	10	1085	1380
104336	30	0.2	3	3	14	10	10	98	1	10	2500	520
104335	40	0.2	4	1	4	30	10	32	1	100	731	50
104334	30	0.2	25	1	6	25	10	4	1	35	389	10
104405	40	0.2	12	1	2	40	10	33	1	5	902	220
104348	30	0.2	7	1	2	50	10	9	1	55	917	40
104387	20	0.3	39	6	24	5	10	73	1	15	46	850
104404	40	0.2	367	1	66	15	10	80	1	10	771	50
104403	30	0.2	253	1	36	5	10	60	1	5	753	700
104402	30	0.2	97	1	38	15	10	45	1	10	614	650

CADMIUM (Cd):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104441	610	11.3	1868	29	6860	25	20	4136	12	30	222	50
104384	10	0.2	65	6	32	5	10	316	8	10	414	860
104651	15	0.2	79	3	34	5	10	191	7	10	2725	1990
104352	90	29.8	13	4	5734	5	10	2	4	30	28	10
104386	15	0.4	54	2	36	5	10	296	4	10	378	820
014smc	15	0.2	206	6	30	15	10	140	4	175	1772	760
104385	10	0.2	59	1	44	15	10	274	4	10	768	700
104447	30	0.2	3	1	2	5	10	17	2	10	142	70
104426	40	2.7	65	5	338	5	10	69	2	5	122	520
104381	15	0.2	1	1	2	15	10	16	2	10	49	590
106641	5	0.2	58	4	2	30	10	54	2	5	1235	10
104379	20	0.2	10	1	2	38	10	63	2	15	322	180
104364	10	0.2	265	2	36	8	10	74	2	30	2490	540
104382	10	0.2	3	1	2	5	10	49	2	10	80	120
104425	40	0.7	24	11	48	5	10	61	2	90	963	620
104429	40	0.2	15	7	2	25	10	41	2	25	1854	1310
104432	30	0.2	24	6	68	20	10	130	2	10	1045	1940
104351	65	2.1	89	6	16	30	10	43	2	785	853	210
104449	30	0.2	4	1	2	5	10	18	2	10	44	70
010sbm	5	0.2	99	1	28	5	10	76	2	30	1360	330
104395	15	0.2	232	7	54	5	10	184	2	5	2554	1210
005sun	5	0.2	88	3	34	5	10	154	2	35	1670	810
013sbm	10	0.2	151	1	26	10	10	94	2	45	2426	460
104390	135	0.4	29	6	18	5	10	129	2	65	1030	840
008sun	20	0.2	139	6	20	15	10	146	2	165	7416	690
012sbm	1765	0.2	107	1	24	10	10	92	2	40	2053	360
104652	15	0.2	47	1	18	5	10	96	2	15	568	1780
011sbm	8	0.2	59	1	32	5	10	86	2	40	1634	360
104335	40	0.2	4	1	4	30	10	32	1	100	731	50
104347	220	0.2	7	1	4	30	10	7	1	5	1010	250
104346	40	0.2	5	1	2	45	10	6	1	5	790	20
104334	30	0.2	25	1	6	25	10	4	1	35	389	10
104349	30	0.2	4	1	2	40	10	11	1	55	738	10
104333	30	0.2	4	3	28	20	10	21	1	10	374	40
104348	30	0.2	7	1	2	50	10	9	1	55	917	40

ARSENIC (As):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104351	65	2.1	89	6	16	30	10	43	2	785	853	210
104413	920	0.4	4	2	10	15	10	5	1	640	32	120
104391	420	1	113	2	16	10	10	137	1	320	601	1130
104412	308	0.2	12	7	14	10	10	59	1	270	648	570
106601	288	0.5	13	2	2	47	10	12	1	245	514	85
014smc	15	0.2	206	6	30	15	10	140	4	175	1772	760
104423	40	3.3	45	19	204	5	10	69	1	165	143	60
104418	30	0.3	32	7	8	5	10	17	1	165	62	20
008sun	20	0.2	139	6	20	15	10	146	2	165	7416	690
104301	20	0.2	39	5	8	10	10	25	1	165	1018	100
106636	15	0.4	13	1	2	45	10	8	1	160	575	10
104388	15	0.2	8	1	2	30	10	6	1	120	768	10
001scq	55	0.2	26	1	20	5	10	19	1	120	1200	240
104389	125	0.6	39	6	2	5	10	134	1	110	1233	1000
106635	15	0.2	4	2	2	35	10	26	1	110	445	10
106609	10	0.2	4	1	2	40	10	6	1	105	429	10
002scq	30	0.2	22	1	20	10	10	17	1	105	2197	200
104335	40	0.2	4	1	4	30	10	32	1	100	731	50
104425	40	0.7	24	11	48	5	10	61	2	90	963	620
104306	1090	39.1	362	1	16	55	10	45	1	85	738	10
014sru	5	0.2	38	6	24	5	10	144	1	70	1851	2140
104390	135	0.4	29	6	18	5	10	129	2	65	1030	840
003scq	40	0.2	32	1	18	10	10	24	1	65	1220	280
104419	60	0.3	9	7	32	5	10	75	1	65	499	720
050W0025N	5	0.2	130	5	10	5	10	59	1	65	949	420
104348	30	0.2	7	1	2	50	10	9	1	55	917	40
104349	30	0.2	4	1	2	40	10	11	1	55	738	10
104406	70	0.2	37	1	12	30	10	43	1	55	895	50
104338	60	0.2	6	1	2	20	10	5	1	50	328	10
106634	50	0.2	17	1	2	30	10	8	1	50	569	10
104310	50	0.2	21	1	2	25	10	4	1	45	670	10
013sbm	10	0.2	151	1	26	10	10	94	2	45	2426	460
009sun	15	0.2	76	1	30	5	10	71	1	45	1866	700
106612	15	0.2	6	1	8	35	10	16	1	45	1076	320
104309	120	0.2	9	1	6	25	10	2	1	40	159	10

MANGANESE (Mn):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
008sun	20	0.2	139	6	20	15	10	146	2	165	7416	690
104651	15	0.2	79	3	34	5	10	191	7	10	2725	1990
100W0025N	5	0.2	315	18	9	5	10	107	1	15	2620	255
104395	15	0.2	232	7	54	5	10	184	2	5	2554	1210
104336	30	0.2	3	3	14	10	10	98	1	10	2500	520
104364	10	0.2	265	2	36	8	10	74	2	30	2490	540
013sbm	10	0.2	151	1	26	10	10	94	2	45	2426	460
002scq	30	0.2	22	1	20	10	10	17	1	105	2197	200
012sbm	1765	0.2	107	1	24	10	10	92	2	40	2053	360
100W0000N	5	0.2	71	7	10	5	10	85	1	15	1980	540
009sun	15	0.2	76	1	30	5	10	71	1	45	1866	700
104429	40	0.2	15	7	2	25	10	41	2	25	1854	1310
014sru	5	0.2	38	6	24	5	10	144	1	70	1851	2140
014smc	15	0.2	206	6	30	15	10	140	4	175	1772	760
005sun	5	0.2	88	3	34	5	10	154	2	35	1670	810
018ssp	5	0.2	16	1	12	5	10	121	1	5	1667	640
011sbm	8	0.2	59	1	32	5	10	86	2	40	1634	360
010sbm	5	0.2	99	1	28	5	10	76	2	30	1360	330
050W0025S	5	0.2	67	7	8	5	10	82	1	10	1352	420
150W0050N	5	0.2	16	1	16	5	10	63	1	5	1335	725
104305	10	0.2	23	3	2	50	10	45	1	25	1323	40
106638	15	0.2	113	7	2	10	10	67	1	35	1275	40
006sun	10	0.2	59	1	22	5	10	83	1	15	1256	670
106644	5	0.2	28	5	18	5	10	70	1	5	1253	440
104319	60	0.2	8	1	46	20	10	65	1	10	1239	1080
106641	5	0.2	58	4	2	30	10	54	2	5	1235	10
104389	125	0.6	39	6	2	5	10	134	1	110	1233	1000
003scq	40	0.2	32	1	18	10	10	24	1	65	1220	280
001scq	55	0.2	26	1	20	5	10	19	1	120	1200	240
104339	30	0.2	16	1	44	35	10	53	1	20	1102	670
106606	50	0.2	57	6	20	15	10	60	1	20	1097	480
104337	30	0.2	35	6	60	25	10	64	1	10	1085	1380
106612	15	0.2	6	1	8	35	10	16	1	45	1076	320
104653	30	0.2	58	1	40	5	10	151	1	5	1054	580
104432	30	0.2	24	6	68	20	10	130	2	10	1045	1940

PHOSPHORUS (P):

NobleQuery												
Tag #	Au(ppb)	Ag	Cu	Mo	Pb	Sb	W	Zn	Cd	As	Mn	P
104422	40	0.6	50	1	66	5	10	70	1	5	927	3590
104354	5	0.2	122	1	19	5	10	19	1	5	236	2910
104326	30	0.2	28	2	36	5	10	32	1	10	168	2510
015sgl	5	0.2	78	5	22	5	10	108	1	10	373	2390
104327	30	0.2	21	2	50	10	10	33	1	35	190	2220
014sru	5	0.2	38	6	24	5	10	144	1	70	1851	2140
104651	15	0.2	79	3	34	5	10	191	7	10	2725	1990
104432	30	0.2	24	6	68	20	10	130	2	10	1045	1940
104396	10	0.2	98	9	36	10	10	102	1	5	1006	1840
104652	15	0.2	47	1	18	5	10	96	2	15	568	1780
104321	50	0.2	18	1	38	5	10	62	1	5	447	1610
104427	30	0.2	80	15	46	10	10	80	1	10	433	1590
104434	30	0.2	74	1	44	20	10	62	1	10	618	1520
104337	30	0.2	35	6	60	25	10	64	1	10	1085	1380
104428	60	0.6	7	3	6	5	10	40	1	20	663	1360
104437	30	0.2	22	5	36	15	10	193	1	20	965	1340
104429	40	0.2	15	7	2	25	10	41	2	25	1854	1310
104395	15	0.2	232	7	54	5	10	184	2	5	2554	1210
104391	420	1	113	2	16	10	10	137	1	320	601	1130
104415	40	0.2	54	4	60	15	10	67	1	20	292	1110
050W0125S	10	0.2	32	4	12	5	10	73	1	10	723	1090
104438	30	0.2	1	1	12	5	10	44	1	20	460	1080
104320	60	0.2	17	1	44	15	10	62	1	15	590	1080
104319	60	0.2	8	1	46	20	10	65	1	10	1239	1080
104436	50	0.2	4	3	16	5	10	43	1	25	795	1070
016ssp	5	0.2	19	1	12	5	10	53	1	5	609	1040
104416	30	0.2	31	1	60	5	10	55	1	10	322	1030
104380	10	0.2	23	1	14	10	10	128	1	25	245	1010
104417	30	0.2	20	1	54	10	10	62	1	15	276	1000
104389	125	0.6	39	6	2	5	10	134	1	110	1233	1000
104314	70	0.2	35	1	34	5	10	72	1	10	474	980
104313	60	0.3	58	1	50	15	10	75	1	10	511	960
104435	30	0.2	7	1	27	5	10	44	1	5	406	960
184661	30	0.2	68	10	24	5	10	68	1	5	175	960
184664	30	0.2	31	1	22	5	10	49	1	5	594	900

23-Oct-06

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2006-1473

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

No. of samples received: 15
Sample Type: Soil
Project: Blind Creek
Submitted by: D. Merrick

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
1	104364	10	0.2	1.77	30	355	5	0.52	2	98	42	267	>10	<10	1.45	2518	2	0.06	107	550	36	10	<20	25	0.06	<10	182	<10	94
2	104368	10	<0.2	1.09	15	105	<5	0.31	<1	18	77	14	3.01	<10	0.73	446	<1	0.02	81	200	20	<5	<20	13	0.07	<10	64	<10	5
3	104369	10	<0.2	1.19	15	95	<5	0.25	<1	15	55	25	2.98	<10	0.57	241	<1	0.02	50	260	20	<5	<20	12	0.07	<10	61	<10	4
4	104370	5	<0.2	1.00	15	140	<5	0.37	<1	11	42	9	2.25	<10	0.55	413	<1	0.03	39	670	18	<5	<20	17	0.06	<10	49	<10	3
5	104380	10	<0.2	0.76	25	75	<5	9.90	1	10	36	23	2.03	10	0.45	245	<1	0.02	69	1010	14	10	<20	76	0.01	<10	30	<10	16
6	104391	370	1.0	0.36	320	65	<5	0.77	1	17	16	113	5.80	10	0.12	601	2	0.02	28	1130	16	10	<20	28	<0.01	<10	11	<10	11
7	SCQ001	55	<0.2	1.21	120	80	<5	0.32	<1	90	805	26	6.63	<10	4.83	1200	<1	0.02	1423	240	20	5	<20	8	0.02	<10	47	<10	6
8	SCQ002	30	<0.2	0.89	105	105	<5	0.19	1	228	574	22	>10	<10	3.94	2197	<1	0.03	3733	200	20	10	<20	8	0.01	<10	42	<10	5
9	SCQ003	40	<0.2	1.03	65	65	<5	0.83	<1	103	325	32	6.09	<10	5.71	1220	<1	0.02	1649	280	18	10	<20	17	0.03	<10	45	<10	6
10	SCO004	5	<0.2	1.32	15	100	<5	0.25	<1	21	94	25	4.27	<10	0.69	281	<1	0.02	53	490	22	<5	<20	12	0.08	<10	82	<10	5
11	SUN005	5	<0.2	2.10	35	205	<5	0.09	2	79	455	88	6.68	<10	2.07	1670	3	0.02	517	810	34	5	<20	15	0.03	<10	112	<10	7
12	SUN006	10	<0.2	1.36	15	220	<5	0.33	1	25	96	59	4.51	<10	0.88	1256	<1	0.02	75	670	22	<5	<20	14	0.07	<10	83	<10	4
13	SUN007	5	<0.2	0.78	5	110	<5	0.24	<1	5	13	6	1.50	<10	0.12	320	<1	0.01	12	430	14	<5	<20	8	<0.01	<10	19	<10	1
14	SUN008	20	<0.2	0.77	165	535	<5	0.09	2	69	106	139	7.67	<10	0.22	7416	6	0.02	230	690	20	15	<20	30	0.02	<10	117	<10	8
15	SUN009	15	<0.2	2.06	45	210	<5	0.48	1	39	132	76	7.69	<10	1.20	1866	<1	0.02	149	700	30	5	<20	17	0.02	<10	127	<10	13
QC DATA:																													
Repeat:																													
1	104364		0.2	1.74	30	355	<5	0.50	2	99	52	259	>10	<10	1.55	2473	2	0.05	114	530	36	5	<20	24	0.06	<10	182	<10	93
2	104368	10																											
6	104391	460																											
10	SCO004	10	<0.2	1.28	15	95	<5	0.26	<1	18	93	21	4.06	<10	0.65	268	<1	0.02	39	490	22	<5	<20	11	0.08	<10	80	<10	3
Standard:																													
Till-3			1.4	0.99	75	40	<5	0.49	<1	11	56	19	2.02	10	0.56	311	<1	0.03	30	440	28	<5	<20	10	0.06	<10	38	<10	8
OXE42		590																											

JJ/kc
df/n1513
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Zn
75
49
40
41
128
137
19
17
24
61
154
83
30
146
71
72
62
37

CERTIFICATE OF ASSAY AK 2006-1619

Blind Creek Resources 7-Nov-06
Box 247
Wells, BC
V0K 2R0

No. of samples received: 44
Sample type: Rock
Project: Blind Creek
Samples submitted by: D. Merrick

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	104307	0.06	0.002
2	104308	0.09	0.003
3	104309	0.12	0.003
4	104310	0.05	0.001
5	104311	0.07	0.002
6	104312	0.07	0.002
7	104313	0.06	0.002
8	104314	0.07	0.002
9	104315	0.06	0.002
10	104316	0.04	0.001
11	104317	0.05	0.001
12	104318	0.06	0.002
13	104319	0.06	0.002
14	104320	0.06	0.002
15	104321	0.05	0.001
16	104322	0.06	0.002
17	104323	0.06	0.002
18	104324	0.08	0.002
19	104325	0.04	0.001
20	104326	0.03	0.001
21	104327	0.03	0.001
22	104401	0.04	0.001
23	104402	0.03	0.001
24	104403	0.03	0.001
25	104404	0.04	0.001

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Blind Creek Resources AK6-1619 7-Nov-06

ET #.	Tag #	Au (g/t)	Au (oz/t)
26	104405	0.04	0.001
27	104406	0.07	0.002
28	104407	0.05	0.001
29	104409	0.04	0.001
30	104411	0.04	0.001
31	104413	0.96	0.028
32	104414	0.05	0.001
33	104415	0.04	0.001
34	104416	0.03	0.001
35	104417	0.03	0.001
36	104418	0.03	0.001
37	104419	0.06	0.002
38	104420	0.03	0.001
39	104421	0.04	0.001
40	104422	0.04	0.001
41	104423	0.04	0.001
42	104424	0.03	0.001
43	104425	0.04	0.001
44	104426	0.04	<0.001

QC DATA:

Repeat:

1	104307	0.06	0.002
10	104316	0.07	0.002
19	104325	0.04	0.001
31	104413	0.87	0.025
36	104418	0.03	0.001

Resplit:

1	104307	0.03	<0.001
36	104418	0.04	0.001

Standard:

OXJ47		2.37	0.069
OXJ47		2.38	0.069

JJ/sa
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

6-Nov-06

ECO TECH LABORATORY LTD.
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KAMLOOPS, B.C.
V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 2006-1619

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

No. of samples received: 44
Sample Type: Rock
Project: Blind Creek
Submitted by: D. Merrick

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	104307	0.2	1.60	5	300	10	1.12	<1	10	47	10	2.78	<10	0.75	396	<1	0.19	4	850	32	5	<20	53	0.18	<10	96	<10	<1	43
2	104308	0.3	3.16	10	50	<5	0.93	<1	41	117	336	5.02	<10	3.42	752	<1	0.02	60	640	52	25	<20	3	0.35	<10	137	<10	<1	55
3	104309	<0.2	0.19	40	<5	<5	1.03	<1	15	389	9	0.92	<10	3.57	159	<1	<0.01	322	10	6	25	<20	32	<0.01	<10	10	<10	<1	2
4	104310	<0.2	0.18	45	<5	<5	0.07	<1	43	481	21	3.10	<10	>10	670	<1	<0.01	490	<10	<2	25	<20	<1	<0.01	<10	13	<10	<1	4
5	104311	<0.2	0.15	40	<5	<5	0.21	<1	28	508	3	1.54	<10	6.90	181	<1	<0.01	500	<10	4	25	<20	9	<0.01	<10	11	<10	<1	4
6	104312	<0.2	1.14	<5	20	<5	0.68	<1	22	76	58	2.11	<10	0.81	346	<1	0.02	29	320	24	15	<20	9	0.23	<10	47	<10	2	28
7	104313	0.3	1.76	10	100	5	0.75	<1	16	54	58	3.29	<10	1.60	511	<1	0.05	24	960	50	15	<20	42	0.14	<10	62	<10	14	75
8	104314	<0.2	1.29	10	175	<5	0.87	<1	15	51	35	2.53	10	1.08	474	<1	0.05	15	980	34	<5	<20	29	0.12	<10	60	<10	10	72
9	104315	0.2	1.87	10	65	<5	1.24	<1	18	116	31	3.09	<10	1.52	395	<1	0.22	19	590	36	10	<20	56	0.18	<10	130	<10	3	45
10	104316	<0.2	1.68	10	110	10	3.69	<1	11	26	13	3.27	<10	1.21	794	8	0.03	2	760	32	10	<20	190	<0.01	<10	77	<10	15	51
11	104317	<0.2	1.50	15	65	<5	3.66	<1	11	37	7	3.22	<10	0.98	783	5	0.03	5	760	32	15	<20	181	<0.01	<10	66	<10	13	47
12	104318	0.4	5.71	40	60	<5	4.04	<1	14	100	44	2.16	<10	0.57	177	<1	0.66	26	660	106	15	<20	331	0.09	<10	84	<10	10	104
13	104319	0.2	2.64	10	35	10	3.18	<1	29	187	8	3.81	<10	3.33	1239	<1	0.02	52	1080	46	20	<20	156	0.09	<10	127	<10	5	65
14	104320	0.2	2.30	15	35	10	1.57	<1	38	86	17	4.55	<10	2.42	590	<1	0.03	47	1080	44	15	<20	47	0.10	<10	126	<10	5	62
15	104321	<0.2	1.81	5	65	10	1.55	<1	8	32	18	3.58	10	0.78	447	<1	0.16	2	1610	38	<5	<20	75	0.10	<10	56	<10	15	62
16	104322	<0.2	0.88	<5	150	10	0.43	<1	6	50	12	2.72	10	0.46	287	2	0.09	2	800	26	5	<20	18	0.09	<10	42	<10	12	37
17	104323	<0.2	0.23	5	65	<5	0.07	<1	2	67	36	1.76	40	0.03	50	6	0.07	1	100	10	<5	<20	7	<0.01	<10	<1	<10	25	4
18	104324	<0.2	0.24	30	85	<5	0.03	<1	<1	58	7	0.92	<10	<0.01	16	7	0.07	2	70	12	<5	<20	8	<0.01	<10	1	<10	7	19
19	104325	<0.2	0.22	<5	35	<5	0.02	<1	1	51	6	1.24	20	0.03	49	5	0.05	1	120	12	<5	<20	4	<0.01	<10	1	<10	11	26
20	104326	0.2	1.58	10	60	5	1.16	<1	6	37	28	4.18	10	0.83	168	2	0.15	2	2510	36	5	<20	54	0.10	<10	152	<10	27	32
21	104327	0.2	2.26	35	145	10	1.41	<1	7	47	21	3.90	10	1.18	190	2	0.27	4	2220	50	10	<20	99	0.10	<10	143	<10	29	33
22	104401	<0.2	0.61	5	95	<5	0.02	<1	2	87	47	1.13	<10	0.23	53	<1	<0.01	7	110	18	<5	<20	5	0.01	<10	11	<10	<1	25
23	104402	<0.2	2.07	10	20	<5	0.94	1	36	49	97	4.54	<10	1.40	614	<1	0.03	9	650	38	15	<20	54	0.35	<10	98	<10	8	45
24	104403	<0.2	1.85	5	35	<5	0.85	<1	33	48	253	4.68	<10	1.13	753	<1	0.04	29	700	36	5	<20	8	0.34	<10	146	<10	5	60
25	104404	0.2	3.89	10	55	<5	0.36	<1	43	176	367	7.80	<10	3.79	771	<1	<0.01	40	50	66	15	<20	6	0.27	<10	279	<10	<1	80

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	104405	0.2	0.25	5	75	15	>10	<1	45	360	12	3.71	<10	7.53	902	1	0.01	546	220	<2	40	<20	181	<0.01	<10	49	<10	<1	33
27	104406	0.2	0.47	55	80	10	2.66	<1	64	466	37	4.83	<10	>10	895	<1	<0.01	941	50	12	30	<20	113	<0.01	<10	56	<10	<1	43
28	104407	<0.2	0.04	10	30	<5	0.37	<1	4	142	12	0.96	<10	0.17	601	<1	<0.01	49	40	4	<5	<20	14	<0.01	<10	9	<10	3	9
29	104409	<0.2	1.67	10	65	5	1.02	<1	21	116	40	3.49	<10	1.71	474	<1	0.04	25	680	34	15	<20	33	0.16	<10	143	<10	4	52
30	104411	0.2	1.52	15	50	10	2.40	<1	10	39	3	3.18	<10	0.94	604	4	0.03	3	760	32	10	<20	147	<0.01	<10	53	<10	13	54
31	104413	0.4	0.14	640	20	<5	0.04	<1	2	143	4	0.88	<10	0.05	32	2	<0.01	3	120	10	15	<20	13	<0.01	<10	6	<10	2	5
32	104414	0.2	1.45	10	105	5	3.58	<1	11	38	4	3.17	<10	0.98	886	2	0.03	3	790	30	5	<20	216	<0.01	<10	51	<10	16	50
33	104415	0.2	3.12	20	80	10	1.65	<1	17	97	54	3.25	<10	0.95	292	4	0.38	26	1110	60	15	<20	198	0.12	<10	143	<10	15	67
34	104416	<0.2	3.23	10	90	5	1.46	<1	10	53	31	3.92	<10	1.27	322	<1	0.38	8	1030	60	5	<20	133	0.10	<10	106	<10	10	55
35	104417	<0.2	2.59	15	195	10	1.56	<1	13	53	20	2.67	<10	0.99	276	<1	0.28	10	1000	54	10	<20	121	0.12	<10	92	<10	15	62
36	104418	0.3	0.06	170	10	5	0.02	<1	2	153	32	2.39	<10	<0.01	61	7	<0.01	5	20	8	<5	<20	3	<0.01	<10	29	<10	<1	18
37	104419	0.3	0.79	65	115	10	0.10	<1	4	36	9	3.14	10	0.21	499	7	0.05	2	720	32	<5	<20	6	<0.01	<10	17	<10	16	75
38	104420	<0.2	0.86	10	50	10	0.03	<1	3	24	5	2.42	<10	0.14	271	<1	0.06	1	170	36	<5	<20	<1	0.05	<10	3	<10	4	44
39	104421	<0.2	0.27	30	95	<5	0.04	<1	1	81	5	0.77	20	0.02	43	2	0.05	2	180	18	<5	<20	8	<0.01	<10	1	<10	10	57
40	104422	0.6	1.71	5	45	10	1.86	<1	19	21	50	5.86	20	0.63	927	<1	0.04	3	3590	66	<5	<20	24	0.13	<10	45	<10	38	70
41	104423	3.3	0.46	165	125	<5	0.01	<1	1	60	45	2.19	10	<0.01	143	19	0.04	1	60	204	<5	<20	3	<0.01	<10	2	<10	3	69
42	104424	0.2	0.61	<5	110	<5	0.28	<1	2	33	23	2.76	50	0.08	327	4	0.05	<1	300	88	<5	<20	14	<0.01	<10	2	<10	42	115
43	104425	0.7	1.83	90	60	25	0.16	2	11	14	24	>10	<10	0.23	963	11	0.03	6	620	48	<5	<20	11	0.11	<10	14	<10	<1	61
44	104426	2.7	0.37	<5	35	<5	0.08	2	5	46	65	3.11	<10	0.10	122	5	0.08	1	520	338	<5	<20	9	0.01	<10	6	<10	14	69
QC DATA:																													
Repeat:																													
1	104307	0.2	1.71	10	315	10	1.18	<1	11	49	11	2.87	<10	0.80	417	<1	0.20	4	880	32	<5	<20	61	0.19	<10	100	<10	1	44
10	104316	<0.2	1.66	10	110	10	3.65	<1	10	27	13	3.24	<10	1.18	784	5	0.03	2	770	32	5	<20	183	<0.01	<10	76	<10	15	50
19	104325	<0.2	0.24	<5	40	<5	0.02	<1	1	56	7	1.29	20	0.05	52	5	0.06	3	120	14	<5	<20	8	<0.01	<10	1	<10	14	27
Resplit:																													
1	104307	<0.2	1.62	10	315	5	1.13	<1	11	50	11	2.81	<10	0.77	406	<1	0.19	4	870	32	<5	<20	58	0.19	<10	97	<10	<1	43
36	104418	0.3	0.06	160	10	10	0.02	<1	3	160	31	2.37	<10	<0.01	64	6	<0.01	5	20	8	<5	<20	4	<0.01	<10	29	<10	<1	16
Standard:																													
Pb106		>30	0.57	275	60	<5	1.76	34	4	40	6222	1.69	<10	0.25	561	27	0.02	4	276	5252	60	<20	144	<0.01	<10	13	10	<1	8359
Pb106		>30	0.56	260	65	<5	1.76	35	4	40	6298	1.69	<10	0.24	561	26	0.02	3	280	5300	60	<20	141	<0.01	<10	13	10	<1	8357

JJ/bp
df/1619
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

14 Nov-06

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2006-1628

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

No. of samples received: 5
Sample Type: Soil
Project: Blind Creek
Submitted by: D. Merrick

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
1	SBM010	<5	<0.2	1.97	30	195	<5	7.09	2	52	413	100	6.50	<10	2.39	1339	<1	0.03	185	330	28	<5	<20	46	<0.01	<10	143	<10	17
2	SBM011	5	<0.2	2.47	40	110	<5	0.58	2	47	31	59	9.04	<10	1.52	1634	<1	0.04	30	360	32	5	<20	18	<0.01	<10	110	<10	25
3	SBM012	1765	<0.2	1.62	40	140	<5	0.59	2	67	36	107	8.07	<10	1.35	2053	<1	0.03	53	360	24	10	<20	17	0.11	<10	94	<10	14
4	SBM013	10	<0.2	2.42	45	185	<5	0.53	2	76	75	151	8.24	<10	1.82	2426	<1	0.04	92	460	26	10	<20	13	0.08	<10	130	<10	18
5	SMC014	15	<0.2	1.59	175	165	<5	0.43	4	125	1337	206	>10	<10	3.92	1772	6	0.05	1415	760	30	15	<20	26	0.02	<10	100	<10	12
QC DATA:																													
Repeat:																													
1	SBM010		<0.2	2.12	30	205	<5	6.90	2	53	428	97	6.66	<10	2.45	1373	<1	0.03	192	330	28	5	<20	47	<0.01	<10	145	<10	17
2	SBM011	10																											
Standard:																													
Till-3			1.4	1.06	85	40	<5	0.60	<1	12	62	20	1.97	10	0.59	307	<1	0.02	31	430	28	<5	<20	11	0.07	<10	39	<10	10
OXE42		610																											

JJ/bp/sa
n1637
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Zn
75
86
92
94
140
78
36

CERTIFICATE OF ASSAY AK 2006-1693

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

10-Nov-06

No. of samples received: 36
Sample Type: Rock
Project: Blind Creek
Submitted by: D. Merrick

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	104451	0.04	0.001
2	104427	<0.03	<0.001
3	104428	0.06	0.002
4	104429	0.04	0.001
5	104430	<0.03	<0.001
6	104431	0.06	0.002
7	104432	<0.03	<0.001
8	104433	0.09	0.003
9	104434	<0.03	<0.001
10	104435	<0.03	<0.001
11	104442	<0.03	<0.001
12	104443	0.03	0.001
13	104444	0.03	0.001
14	104445	<0.03	<0.001
15	104328	0.15	0.004
16	104329	0.04	0.001
17	104330	0.07	0.002
18	104331	0.03	0.001
19	104332	<0.03	<0.001
20	104333	<0.03	<0.001
21	104334	<0.03	<0.001
22	104335	0.04	0.001
23	104336	<0.03	<0.001
24	104337	<0.03	<0.001

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Blind Creek Resources 10-Nov-06

ET #.	Tag #	Au (g/t)	Au (oz/t)
25	104338	0.06	0.002
26	104339	<0.03	<0.001
27	104340	<0.03	<0.001
28	104341	<0.03	<0.001
29	104342	0.03	0.001
30	104343	0.03	0.001
31	104344	0.03	0.001
32	104345	<0.03	<0.001
33	104346	0.04	0.001
34	104347	0.22	0.006
35	104348	0.03	0.001
36	104349	<0.03	<0.001

QC DATA:

Repeat:

1	104451	0.03	0.001
10	104435	0.03	0.001

Resplits:

1	104451	<0.03	<0.001

Standard:

S125		1.75	0.051

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/bp
XLS/06

25-Oct-06

ECO TECH LABORATORY LTD.
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 2006-1693

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

No. of samples received: 36
Sample Type: Rock
Project: Blind Creek
Submitted by: D. Merrick

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	104451	<0.2	0.73	10	235	<5	0.05	<1	6	55	46	1.80	<10	0.67	292	1	0.01	18	260	22	5	<20	2	0.01	<10	15	<10	<1	54
2	104427	<0.2	1.61	10	90	<5	0.55	<1	12	98	80	2.16	<10	1.05	433	15	0.09	23	1590	46	10	<20	37	0.08	<10	127	<10	8	80
3	104428	0.6	0.22	20	75	5	3.59	<1	13	61	7	3.03	<10	1.07	663	3	0.02	13	1360	6	<5	<20	215	<0.01	<10	9	<10	7	40
4	104429	<0.2	0.25	25	105	15	9.69	2	28	17	15	6.59	<10	3.01	1854	7	0.01	39	1310	2	25	<20	281	<0.01	<10	16	<10	9	41
5	104430	<0.2	0.46	5	95	<5	1.09	1	9	77	78	2.21	<10	0.60	216	5	0.02	22	380	22	5	<20	25	<0.01	<10	20	<10	5	52
6	104431	<0.2	0.18	20	190	<5	0.12	<1	13	58	121	1.57	<10	0.24	118	<1	0.02	35	200	10	<5	<20	8	<0.01	<10	4	<10	3	57
7	104432	<0.2	2.78	10	225	15	4.61	2	35	86	24	6.81	<10	3.07	1045	6	0.02	32	1940	68	20	<20	166	0.03	<10	135	<10	3	130
8	104433	2.2	1.06	5	40	<5	0.66	1	27	48	1718	3.95	<10	0.63	407	<1	0.07	3	880	26	<5	<20	78	0.12	<10	50	<10	<1	73
9	104434	<0.2	1.74	10	235	<5	2.14	<1	23	195	74	3.22	<10	2.16	618	<1	0.08	46	1520	44	20	<20	50	0.09	<10	99	<10	2	62
10	104435	<0.2	0.85	5	55	10	0.61	<1	9	58	7	1.95	<10	0.66	407	<1	0.05	3	960	28	<5	<20	44	0.07	<10	25	<10	3	44
11	104442	<0.2	0.81	5	475	<5	0.03	<1	2	72	28	1.56	<10	0.57	219	<1	0.01	6	140	28	<5	<20	4	0.06	<10	17	<10	<1	30
12	104443	0.3	0.35	5	275	<5	0.06	1	6	33	34	2.49	<10	0.05	180	22	<0.01	23	450	18	<5	<20	7	<0.01	<10	14	<10	5	157
13	104444	<0.2	0.54	5	160	<5	0.04	<1	4	97	11	1.15	<10	0.47	94	3	0.01	14	170	20	<5	<20	4	0.02	<10	16	<10	2	33
14	104445	<0.2	0.86	10	645	<5	0.02	<1	2	88	39	1.67	<10	0.55	90	<1	0.02	9	90	28	<5	<20	6	0.08	<10	21	<10	<1	45
15	104328	<0.2	2.13	10	30	10	2.19	<1	37	76	53	4.88	<10	1.75	686	<1	0.05	42	310	50	15	<20	12	0.32	<10	158	<10	3	52
16	104329	<0.2	1.43	<5	30	15	0.86	1	40	117	63	3.82	<10	1.40	300	<1	0.04	79	420	40	20	<20	13	0.33	<10	55	<10	3	40
17	104330	<0.2	0.62	<5	10	5	1.11	<1	24	70	37	1.69	<10	0.23	87	<1	0.03	45	250	20	5	<20	10	0.27	<10	35	<10	<1	6
18	104331	<0.2	0.21	<5	30	<5	0.04	<1	8	142	26	1.01	<10	0.02	94	2	<0.01	28	140	12	<5	<20	2	<0.01	<10	12	<10	7	33
19	104332	<0.2	0.25	10	10	<5	0.09	<1	55	904	13	2.87	<10	>10	515	<1	<0.01	883	<10	8	35	<20	<1	<0.01	<10	28	<10	<1	4
20	104333	<0.2	0.84	10	30	10	1.16	<1	12	185	4	1.80	<10	1.83	374	3	<0.01	76	40	28	20	<20	59	<0.01	<10	37	<10	4	21
21	104334	<0.2	0.08	35	15	<5	0.32	<1	43	103	25	2.07	<10	5.67	389	1	<0.01	669	<10	6	25	<20	12	<0.01	<10	7	<10	1	4
22	104335	<0.2	0.19	100	50	10	6.35	<1	41	350	4	3.40	<10	8.41	731	<1	<0.01	582	50	4	30	<20	238	<0.01	<10	16	<10	<1	32
23	104336	<0.2	0.71	10	1435	10	>10	<1	8	34	3	5.03	<10	1.88	2500	3	0.02	6	520	14	10	<20	132	<0.01	<10	20	<10	28	98
24	104337	<0.2	2.89	10	590	5	6.06	1	34	320	35	5.67	10	3.47	1085	6	0.02	96	1380	60	25	<20	263	<0.01	<10	186	<10	11	64
25	104338	<0.2	0.03	50	<5	<5	0.08	<1	31	76	6	1.56	<10	3.59	328	<1	<0.01	358	<10	<2	20	<20	<1	<0.01	<10	3	<10	<1	5

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	104339	<0.2	2.20	20	25	<5	4.56	1	29	418	16	3.42	<10	5.08	1102	1	<0.01	358	670	44	35	<20	62	<0.01	<10	98	<10	3	53
27	104340	0.2	0.48	5	380	<5	0.02	<1	4	33	82	2.81	10	0.10	51	13	<0.01	12	200	22	<5	<20	9	<0.01	<10	12	<10	<1	81
28	104341	<0.2	0.65	15	230	<5	0.04	<1	5	87	53	1.37	<10	0.50	228	<1	0.02	20	160	20	<5	<20	<1	0.03	<10	10	<10	<1	40
29	104342	0.3	0.55	15	680	<5	0.01	<1	<1	66	110	1.10	<10	0.42	236	2	0.01	5	150	20	<5	<20	8	0.01	<10	10	<10	2	26
30	104343	<0.2	0.34	10	200	<5	0.02	<1	4	130	46	1.06	<10	0.15	181	1	0.01	23	140	14	<5	<20	<1	0.02	<10	7	<10	1	38
31	104344	<0.2	0.67	5	75	<5	0.63	<1	7	57	26	1.91	<10	0.59	116	<1	0.12	9	390	18	15	<20	10	0.10	<10	66	<10	3	10
32	104345	<0.2	0.97	5	90	<5	2.39	<1	18	87	33	2.58	<10	1.05	436	<1	0.18	23	310	22	<5	<20	66	0.08	<10	91	<10	6	25
33	104346	<0.2	0.05	<5	20	10	3.97	<1	59	349	5	3.46	<10	>10	790	<1	<0.01	1203	20	<2	45	<20	101	<0.01	<10	21	<10	<1	6
34	104347	<0.2	0.23	5	40	10	6.31	<1	61	356	7	3.54	<10	>10	1010	<1	0.01	1052	250	4	30	<20	167	<0.01	<10	33	<10	<1	7
35	104348	<0.2	0.03	55	40	5	1.11	1	84	271	7	4.16	<10	>10	917	<1	<0.01	1511	40	<2	50	<20	42	<0.01	<10	18	<10	<1	9
36	104349	<0.2	0.03	55	5	5	2.10	<1	80	275	4	4.33	<10	>10	739	1	<0.01	1433	<10	<2	40	<20	50	<0.01	<10	20	<10	<1	11
QC DATA:																													
Repeat:																													
1	104451	<0.2	0.72	5	255	<5	0.05	<1	6	54	47	1.77	<10	0.67	291	3	0.01	18	270	24	10	<20	3	0.01	<10	15	<10	1	53
10	104435	<0.2	0.85	<5	45	5	0.62	<1	8	58	6	1.95	<10	0.64	405	<1	0.05	1	960	26	<5	<20	41	0.06	<10	24	<10	2	43
19	104332	<0.2	0.25	10	<5	10	0.09	1	54	918	13	2.90	<10	>10	520	<1	<0.01	886	<10	6	30	<20	<1	<0.01	<10	29	<10	<1	3
36	104349	<0.2	0.03	55	10	<5	2.09	<1	80	272	4	4.32	<10	>10	737	<1	<0.01	1427	<10	<2	40	<20	52	<0.01	<10	20	<10	<1	10
Resplit:																													
1	104451	<0.2	0.73	10	275	<5	0.05	<1	7	67	51	1.82	<10	0.71	321	2	0.01	23	270	24	10	<20	3	<0.01	<10	14	<10	<1	55
36	104349	0.2	0.03	60	10	10	2.18	1	80	278	4	4.45	<10	>10	732	2	<0.01	1422	10	<2	55	<20	53	<0.01	<10	20	<10	<1	10
Standard:																													
Pb106		>30	0.51	275	90	<5	1.79	31	3	39	6269	1.40	<10	0.23	577	31	0.02	7	270	5244	55	<20	146	<0.01	<10	14	<10	<1	8451
Pb106		>30	0.51	270	90	<5	1.73	38	3	40	6259	1.43	<10	0.25	541	33	0.02	7	280	5214	55	<20	142	<0.01	<10	14	10	<1	8442

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/sa
df/1678
XLS/06

23-Oct-06

ECO TECH LABORATORY LTD.
10041 Dallas Drive
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ICP CERTIFICATE OF ANALYSIS AK 2006-1471

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

No. of samples received: 22
Sample Type: Rock
Project: Blind Creek
Submitted by: D. Merrick

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
1	106616	5	<0.2	1.03	5	205	<5	0.04	<1	9	191	78	2.29	<10	0.76	920	8	0.02	32	130	20	5	<20	<1	0.05	<10	47	<10	<1
2	106617	10	<0.2	0.32	20	90	<5	0.15	<1	4	109	32	1.20	20	0.11	88	2425	0.04	6	170	8	<5	<20	14	<0.01	<10	10	<10	5
3	106618	10	<0.2	0.72	<5	565	5	0.43	<1	11	37	35	2.25	<10	0.60	200	1	0.08	8	440	34	<5	<20	5	0.14	<10	87	<10	4
4	106619	10	<0.2	0.81	<5	35	<5	1.05	<1	20	49	50	2.20	<10	0.76	236	<1	0.15	25	430	14	10	<20	1	0.10	<10	84	<10	9
5	106620	10	<0.2	0.74	<5	60	5	0.59	<1	9	57	46	3.45	<10	0.60	143	<1	0.11	13	460	10	<5	<20	9	0.09	<10	77	<10	1
6	106621	5	<0.2	0.34	120	60	5	8.02	<1	22	229	12	2.86	<10	2.79	683	3	0.01	118	240	4	20	<20	177	<0.01	<10	69	<10	6
7	106622	10	<0.2	0.02	15	15	<5	>10	<1	<1	9	<1	0.07	<10	0.22	25	<1	<0.01	3	40	<2	10	<20	307	<0.01	<10	14	<10	<1
8	106623	15	0.5	0.77	25	150	<5	0.45	<1	6	58	47	2.67	10	0.32	97	12	0.01	12	2060	24	<5	<20	31	<0.01	<10	30	<10	13
9	106624	70	0.6	0.69	25	155	<5	0.30	<1	5	79	81	2.47	10	0.21	60	27	0.01	16	1100	26	<5	<20	16	<0.01	<10	24	<10	16
10	104365	10	<0.2	0.12	25	15	<5	0.03	<1	15	135	195	2.18	<10	<0.01	59	29	0.05	8	<10	4	<5	<20	<1	<0.01	<10	1	<10	<1
11	104366	15	<0.2	1.17	<5	245	<5	0.79	<1	27	46	64	4.12	<10	1.10	560	<1	0.11	24	600	16	10	<20	5	0.10	<10	187	<10	19
12	104367	20	<0.2	1.42	<5	135	5	1.20	<1	27	96	51	3.53	<10	1.27	383	<1	0.12	37	390	20	5	<20	9	0.15	<10	132	<10	13
13	104371	10	<0.2	1.98	10	45	<5	1.92	<1	25	108	139	2.29	<10	0.74	240	<1	0.29	39	370	28	5	<20	25	0.14	<10	81	<10	9
14	104372	10	<0.2	1.10	30	165	10	3.92	<1	28	123	25	5.03	<10	2.09	991	6	0.02	41	980	18	10	<20	123	<0.01	<10	122	<10	18
15	104373	10	<0.2	0.61	75	110	5	3.74	<1	24	138	47	3.62	<10	1.34	506	5	0.02	45	250	6	15	<20	95	<0.01	<10	84	<10	5
16	104374	20	<0.2	1.47	55	135	<5	6.16	<1	32	141	63	5.35	<10	2.80	948	4	0.06	62	460	14	25	<20	167	0.01	<10	183	<10	6
17	104375	10	<0.2	1.35	30	120	5	3.01	<1	25	147	55	3.88	<10	1.74	525	3	0.06	50	440	18	15	<20	73	0.03	<10	133	<10	7
18	104376	5	<0.2	1.88	<5	35	10	1.22	<1	31	93	47	4.22	<10	1.41	605	<1	0.06	28	400	26	5	<20	7	0.23	<10	149	<10	14
19	104377	40	<0.2	0.08	50	90	55	0.48	3	14	76	11	>10	<10	<0.01	57	32	<0.01	195	80	<2	<5	<20	7	<0.01	<10	10	<10	<1
20	104378	5	<0.2	0.99	5	95	<5	0.06	<1	7	60	48	2.34	<10	0.65	120	3	0.01	23	150	16	<5	<20	3	<0.01	<10	18	<10	<1
QC DATA:																													
Repeat:																													
10	104365	10	<0.2	0.13	25	15	<5	0.05	<1	15	140	197	2.18	<10	<0.01	59	28	0.05	8	<10	4	<5	<20	<1	<0.01	<10	2	<10	<1
19	104377	40																											
Standard:																													
Pb106			>30	0.53	265	100	<5	1.70	43	3	42	6177	1.45	<10	0.23	570	31	0.02	7	275	5326	65	<20	141	<0.01	<10	14	<10	<1
OXE42		595																											

JJ/bp
df/1471
XLS/06

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

Zn
63
9
30
23
15
35
8
66
99
5
47
31
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79
35
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40
46
212
48
5
8496

23-C: -06

ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2006-1472

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

No. of samples received: 25
Sample Type: Rock
Project: Blind Creek
Submitted by: D. Merrick

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
1	104383	15	0.2	1.26	20	195	<5	0.19	<1	15	66	214	2.67	<10	0.94	212	2	0.02	39	210	22	<5	<20	4	0.06	<10	25	<10	<1
2	104384	10	<0.2	0.99	10	75	<5	0.30	8	6	70	65	2.11	20	0.43	414	6	0.06	7	860	32	<5	<20	28	<0.01	<10	16	<10	11
3	104385	10	<0.2	2.96	10	205	15	1.47	4	23	147	59	4.77	<10	2.20	768	<1	0.07	26	700	44	15	<20	22	0.21	<10	128	<10	2
4	104386	15	0.4	0.81	10	55	<5	0.47	4	7	57	54	2.24	<10	0.55	378	2	0.05	4	820	36	<5	<20	18	0.06	<10	27	<10	6
5	104387	20	0.3	0.43	15	70	<5	0.04	<1	1	52	39	1.92	10	0.13	46	6	0.02	2	850	24	<5	<20	1	<0.01	<10	6	<10	<1
6	104388	15	<0.2	0.09	120	<5	5	0.39	<1	46	238	8	3.38	<10	9.86	768	<1	<0.01	495	<10	<2	30	<20	<1	<0.01	<10	8	<10	<1
7	104389	125	0.6	0.38	110	105	<5	4.83	<1	21	48	39	4.29	<10	1.63	1233	6	<0.01	17	1000	<2	5	<20	91	<0.01	<10	8	<10	6
8	104390	135	0.4	0.37	65	105	15	3.89	2	19	63	29	3.93	<10	1.02	1030	6	<0.01	14	840	18	5	<20	82	<0.01	<10	7	<10	9
9	104392	15	<0.2	1.52	<5	60	<5	1.02	<1	27	22	195	4.23	<10	0.83	560	<1	0.07	16	590	22	10	<20	<1	0.29	<10	125	<10	33
10	104393	10	<0.2	0.46	5	25	<5	0.08	<1	7	184	41	1.42	<10	0.38	219	3	0.02	23	110	10	<5	<20	<1	0.07	<10	27	<10	5
11	106625	20	<0.2	0.17	20	45	<5	<0.01	<1	9	168	29	1.12	<10	0.01	459	5	<0.01	36	50	2	<5	<20	<1	<0.01	<10	8	<10	<1
12	106626	15	<0.2	0.11	5	105	<5	<0.01	<1	2	168	37	0.79	<10	<0.01	226	3	<0.01	15	30	6	<5	<20	<1	<0.01	<10	4	<10	<1
13	106627	15	<0.2	0.07	10	100	<5	<0.01	<1	1	147	19	0.79	<10	<0.01	67	3	<0.01	18	80	2	<5	<20	<1	<0.01	<10	5	<10	<1
14	106628	25	<0.2	0.29	25	50	<5	<0.01	<1	5	169	58	2.99	<10	<0.01	92	12	<0.01	18	280	6	<5	<20	<1	<0.01	<10	9	<10	<1
15	106629	20	0.2	0.43	<5	170	<5	0.02	<1	4	56	73	2.41	20	0.04	49	11	<0.01	23	430	16	<5	<20	5	<0.01	<10	18	<10	8
16	106630	25	<0.2	0.28	<5	190	<5	<0.01	<1	<1	107	24	1.36	10	0.01	104	4	<0.01	11	70	4	<5	<20	<1	<0.01	<10	9	<10	<1
17	106631	15	<0.2	0.04	15	65	10	0.61	<1	57	283	8	3.44	<10	>10	347	<1	<0.01	924	20	<2	35	<20	34	<0.01	<10	10	<10	<1
18	106632	20	<0.2	0.59	40	130	<5	0.02	<1	54	120	152	9.09	<10	0.03	850	13	<0.01	122	<10	4	<5	<20	12	<0.01	<10	322	<10	<1
19	106633	10	<0.2	0.02	5	15	<5	>10	<1	<1	21	6	0.21	<10	0.19	322	<1	<0.01	3	60	<2	<5	<20	166	<0.01	<10	2	<10	2
20	106634	50	<0.2	0.26	50	25	10	0.58	<1	68	628	17	3.74	<10	>10	569	<1	<0.01	1175	<10	<2	30	<20	11	<0.01	<10	18	<10	<1
21	106635	15	<0.2	0.04	110	25	5	3.74	<1	44	209	4	3.06	<10	9.26	445	2	<0.01	638	<10	<2	35	<20	149	<0.01	<10	21	<10	<1
22	106636	15	0.4	0.09	160	25	5	0.39	<1	62	343	13	3.82	<10	>10	575	1	<0.01	844	<10	<2	45	<20	8	<0.01	<10	8	<10	<1
23	106637	45	<0.2	0.39	20	90	10	6.18	<1	46	99	68	6.35	<10	2.83	1029	6	0.01	168	570	4	15	<20	73	<0.01	<10	19	<10	<1
24	106638	15	<0.2	0.21	35	70	<5	4.33	1	36	59	113	6.53	<10	2.47	1275	7	0.04	32	40	<2	10	<20	94	<0.01	<10	60	<10	<1
25	106639	15	<0.2	0.12	5	60	<5	0.03	<1	4	127	65	0.84	<10	0.02	38	3	<0.01	15	90	6	<5	<20	<1	<0.01	<10	3	<10	<1

Zn
90
316
274
296
73
6
134
129
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22
12
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121
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85
67
15

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
QC DATA:																													
Repeat:																													
1	104383	25	0.2	1.26	20	195	<5	0.14	<1	12	75	189	2.32	<10	0.79	294	8	0.02	32	190	20	<5	<20	<1	0.06	<10	32	<10	<1
10	104393	15	<0.2	0.46	5	20	<5	0.08	<1	7	186	41	1.43	<10	0.38	220	3	0.02	23	100	10	<5	<20	<1	0.08	<10	27	<10	5
Resplit:																													
1	104383	15	<0.2	1.30	15	200	<5	0.19	<1	16	88	236	2.84	<10	0.97	216	2	0.02	44	210	22	5	<20	5	0.06	<10	26	<10	2
Standard:																													
Pb106			>30	0.47	265	75	<5	1.69	34	3	41	5374	1.64	<10	0.23	569	26	0.02	7	280	5316	60	<20	139	<0.01	<10	13	<10	<1
OXE42		610																											

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/sa
df/1471
XLS/06

Zn

82
23

96

8335

23-Oct-06

ECO TECH LABORATORY LTD.
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 2006-1470

Blind Creek
Box 247
Wells, BC
V0K 2R0

No. of samples received: 28
Sample Type: Rock
Submitted by: D. Merrick

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
1	106601	270	0.5	0.07	255	30	5	8.04	<1	42	238	13	2.75	<10	8.77	508	2	0.01	774	90	<2	45	<20	193	<0.01	<10	18	<10	<1
2	106602	5	<0.2	<0.01	<5	<5	<5	0.02	<1	1	217	4	0.25	<10	0.02	22	3	<0.01	8	<10	<2	<5	<20	<1	<0.01	<10	<1	<10	<1
3	106603	10	<0.2	0.25	25	55	15	6.29	<1	58	251	16	4.04	<10	>10	856	1	0.01	1104	50	<2	35	<20	225	<0.01	<10	23	<10	<1
4	106604	5	<0.2	0.05	35	40	5	8.55	<1	47	261	8	3.02	<10	>10	488	<1	<0.01	929	<10	<2	35	<20	234	<0.01	<10	14	<10	<1
5	106605	25	<0.2	0.34	20	20	5	0.52	<1	63	568	9	3.71	<10	>10	653	<1	<0.01	1128	<10	2	30	<20	5	<0.01	<10	22	<10	<1
6	106606	50	<0.2	1.86	20	30	10	5.95	<1	34	99	57	6.15	<10	3.09	1097	6	0.03	47	480	20	15	<20	94	<0.01	<10	123	<10	4
7	106607	5	<0.2	0.17	10	10	<5	0.03	<1	77	560	25	3.11	<10	>10	402	<1	<0.01	1554	<10	<2	35	<20	<1	<0.01	<10	25	<10	<1
8	106608	10	<0.2	2.38	20	25	10	7.61	<1	47	671	3	4.10	<10	6.78	970	<1	<0.01	615	190	30	25	<20	31	<0.01	<10	112	<10	6
9	106609	10	<0.2	0.09	105	15	10	0.18	<1	55	316	4	4.13	<10	>10	429	1	<0.01	1481	<10	<2	40	<20	<1	<0.01	<10	11	<10	<1
10	106610	5	<0.2	2.09	5	90	10	1.01	<1	33	71	44	4.83	<10	1.16	761	<1	0.08	40	710	34	10	<20	5	0.20	<10	130	<10	9
11	106611	25	<0.2	1.34	<5	40	10	0.58	<1	12	124	21	2.82	<10	0.89	627	4	0.06	18	640	24	<5	<20	<1	0.18	<10	62	<10	12
12	106612	15	<0.2	0.61	45	25	5	0.74	<1	53	604	6	3.57	<10	>10	1076	<1	<0.01	809	320	8	35	<20	12	<0.01	<10	30	<10	<1
13	106613	5	<0.2	0.18	<5	15	15	0.06	<1	96	383	12	4.90	<10	>10	756	<1	<0.01	1784	10	<2	30	<20	<1	<0.01	<10	15	<10	<1
14	106614	<5	<0.2	0.33	10	25	10	0.08	<1	58	1029	5	2.67	<10	8.90	1005	<1	<0.01	954	40	<2	35	<20	<1	<0.01	<10	25	<10	<1
15	106615	5	<0.2	0.80	<5	15	<5	1.04	<1	21	128	114	1.66	<10	0.44	161	<1	0.12	42	420	12	<5	<20	4	0.18	<10	49	<10	13
16	104351	65	2.1	0.23	785	80	<5	8.38	2	23	52	89	4.75	<10	2.97	853	6	0.01	24	210	16	30	<20	581	<0.01	<10	40	<10	8
17	104352	90	29.8	0.01	30	<5	45	0.06	4	1	226	13	0.29	<10	0.03	28	4	<0.01	10	<10	5734	<5	<20	1	<0.01	<10	1	<10	<1
18	104353	5	<0.2	1.37	<5	25	15	0.61	<1	36	66	46	3.62	<10	1.19	409	<1	0.06	27	390	24	15	<20	2	0.21	<10	84	<10	8
19	104354	5	<0.2	0.49	<5	45	<5	1.29	<1	11	161	122	3.10	10	0.35	237	<1	0.04	56	2930	18	<5	<20	8	0.10	<10	56	<10	53
20	104355	5	<0.2	1.26	<5	25	5	0.92	<1	29	125	76	2.56	<10	0.91	334	<1	0.05	54	510	22	10	<20	5	0.27	<10	52	<10	12
21	104356	5	<0.2	1.53	<5	45	10	0.84	<1	31	91	71	3.13	<10	1.18	413	<1	0.06	37	470	24	10	<20	2	0.26	<10	73	<10	14
22	104357	5	<0.2	0.85	<5	205	<5	0.16	<1	11	97	89	1.97	<10	0.63	305	<1	0.04	37	140	12	<5	<20	<1	0.05	<10	31	<10	<1
23	104358	10	<0.2	0.60	5	100	<5	>10	<1	4	32	28	0.97	<10	0.92	658	<1	0.01	12	460	8	15	<20	209	0.02	<10	21	<10	11
24	104359	<5	<0.2	0.03	5	<5	<5	0.06	<1	<1	187	10	0.35	<10	<0.01	27	4	<0.01	8	70	<2	<5	<20	<1	<0.01	<10	2	<10	<1
25	104360	5	<0.2	<0.01	5	<5	<5	0.09	<1	1	199	4	0.29	<10	0.03	63	4	<0.01	10	<10	<2	<5	<20	<1	<0.01	<10	1	<10	<1
26	104361	5	0.6	0.36	<5	250	<5	0.19	<1	<1	53	19	0.92	<10	0.21	63	1	<0.01	3	150	12	<5	<20	<1	0.01	<10	6	<10	<1
27	104362	5	<0.2	1.64	5	80	15	1.16	<1	32	84	81	3.73	<10	1.23	531	<1	0.08	29	440	28	10	<20	5	0.30	<10	102	<10	13
28	104363	10	<0.2	1.59	10	725	<5	0.49	<1	12	131	65	2.60	<10	0.89	681	<1	0.09	24	400	32	10	<20	23	0.10	<10	80	<10	5

Zn
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<1
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60
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29
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86
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32
36
35
<1
<1
15
38
55

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
QC DATA:																													
Repeat:																													
1	106601	285	0.5	0.07	255	30	10	8.18	<1	43	238	12	2.80	<10	8.91	516	1	0.01	785	90	<2	45	<20	196	<0.01	<10	18	<10	<1
10	106610	5	<0.2	2.09	<5	90	20	0.99	<1	33	71	45	4.86	<10	1.16	764	<1	0.07	41	720	32	5	<20	2	0.20	<10	130	<10	9
19	104354	5	<0.2	0.47	<5	55	<5	1.28	<1	12	151	121	3.09	10	0.34	235	1	0.04	56	2890	20	<5	<20	11	0.10	<10	56	<10	52
Resplit:																													
1	106601	315	0.4	0.07	195	35	10	7.97	1	46	221	13	2.90	<10	9.05	515	2	0.01	851	80	<2	50	<20	201	<0.01	<10	20	<10	<1
Standard:																													
Pb106			>30	0.47	275	75	<5	1.69	34	2	41	6174	1.64	<10	0.23	589	26	0.02	7	280	5316	60	<20	139	<0.01	<10	13	<10	<1
OXE42		600																											

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/bp
df/1471
XLS/06

Zn
11
87
19
11
8335

23-Oct-06

ECO TECH LABORATORY LTD.
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 2006-1484

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

No. of samples received: 3
Sample Type: Rock
Project: Blind Creek
Submitted by: D. Merrick

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
1	104379	20	<0.2	0.09	15	30	<5	>10	2	3	23	9	0.74	<10	3.93	317	<1	0.01	20	180	<2	40	<20	277	<0.01	<10	17	<10	9
2	104381	15	<0.2	0.05	10	15	<5	>10	2	<1	10	<1	0.11	<10	0.36	49	<1	0.01	5	590	<2	15	<20	356	<0.01	<10	13	<10	6
3	104382	10	<0.2	0.02	10	40	<5	>10	2	1	4	3	0.06	<10	0.19	80	<1	0.01	3	120	<2	5	<20	49	<0.01	<10	2	<10	13
QC DATA:																													
Repeat:																													
1		20	<0.2	0.10	15	45	<5	>10	2	3	23	11	0.73	<10	4.02	327	<1	0.01	19	180	<2	35	<20	270	<0.01	<10	13	<10	15
Resplit:																													
1		20																											
Standard:																													
Pb106			>30	0.47	275	75	<5	1.69	34	2	41	6274	1.64	<10	0.23	569	26	0.02	7	<10	5316	55	<20	139	<0.01	<10	13	<10	<1
OXE42		595																											

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/bp
df/1471
XLS/06

Zn
66
16
49
60
8335

CERTIFICATE OF ASSAY AK 2006-1627

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

20-Nov-06

No. of samples received: 22
Sample Type: Rock
Project: Blind Creek
Submitted by: D. Merrick

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
17	104306	1.09	0.032	39.1	1.140
QC DATA:					
Repeat:					
17	104306			39.5	1.152
Standard:					
OxH37		1.27	0.037		
Pb106				58.3	1.700

ECO TECH LABORATORY LTD.
Jutta Jealouse
B.C. Certified Assayer

JJ/kc
XLS/06

20-Nov-06

ECO TECH LABORATORY LTD.
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V2C 6T4

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Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2006-1627

Blind Creek Resources
Box 247
Wells, BC
V0K 2R0

No. of samples received: 22
Sample Type: Rock
Project: Blind Creek
Submitted by: D. Merrick

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
1	106640	5	<0.2	0.54	5	100	<5	>10	<1	46	449	27	4.04	<10	4.20	1028	<1	0.01	577	680	6	20	<20	89	<0.01	<10	81	<10	12
2	106641	5	<0.2	0.25	<5	170	15	6.57	2	63	255	58	6.36	<10	6.46	1235	4	0.01	413	<10	<2	30	<20	94	<0.01	<10	40	<10	<1
3	106642	10	<0.2	3.27	5	65	10	3.16	<1	40	117	53	6.79	<10	3.54	1007	<1	0.03	35	560	62	10	<20	47	0.21	<10	209	<10	12
4	106643	5	<0.2	1.46	5	30	5	0.96	<1	31	127	85	3.53	<10	1.16	475	<1	0.04	36	430	34	10	<20	9	0.33	<10	72	<10	13
5	106644	5	<0.2	1.39	<5	80	5	5.75	1	38	105	28	6.80	<10	3.10	1253	5	0.03	47	440	18	5	<20	65	<0.01	<10	88	<10	10
6	106645	10	<0.2	2.19	<5	40	10	0.82	<1	35	43	74	4.73	<10	1.92	678	<1	0.05	22	370	46	5	<20	7	0.33	<10	146	<10	12
7	106646	10	<0.2	2.38	<5	40	15	0.73	<1	34	61	53	4.37	<10	2.09	649	<1	0.04	38	440	48	5	<20	5	0.30	<10	117	<10	18
8	106647	10	<0.2	1.66	<5	30	10	0.86	<1	34	116	64	3.26	<10	1.45	446	<1	0.04	45	390	38	<5	<20	9	0.36	<10	67	<10	14
9	106648	10	<0.2	2.40	5	35	5	1.10	<1	42	100	136	4.36	<10	2.06	635	<1	0.05	48	390	54	5	<20	7	0.32	<10	92	<10	9
10	106649	5	<0.2	3.17	5	40	20	0.90	1	42	51	58	6.32	<10	2.88	954	<1	0.02	24	530	66	15	<20	3	0.36	<10	146	<10	17
11	106650	10	<0.2	3.27	<5	50	20	0.75	<1	44	25	80	6.71	<10	2.82	771	<1	0.03	20	570	70	15	<20	6	0.41	<10	220	<10	21
12	104301	20	<0.2	0.25	165	60	<5	0.05	1	24	225	39	2.74	<10	0.29	1018	5	<0.01	323	100	8	10	<20	3	<0.01	<10	36	<10	3
13	104302	10	<0.2	0.06	35	5	<5	0.04	<1	8	192	14	0.91	<10	0.07	188	<1	<0.01	118	40	<2	<5	<20	<1	<0.01	<10	11	<10	<1
14	104303	30	<0.2	0.05	15	40	<5	0.35	<1	5	188	17	1.28	<10	0.14	466	<1	<0.01	68	70	<2	<5	<20	13	<0.01	<10	12	<10	3
15	104304	10	<0.2	0.08	15	20	<5	0.56	<1	5	165	7	0.96	<10	0.22	493	3	<0.01	78	50	<2	<5	<20	13	<0.01	<10	7	<10	<1
16	104305	10	<0.2	0.13	25	30	<5	6.00	<1	15	122	23	2.77	<10	4.01	1323	3	<0.01	74	40	<2	50	<20	200	<0.01	<10	34	<10	2
17	104306	>1000	>30	0.27	85	25	<5	5.88	1	22	284	362	2.76	<10	6.85	738	<1	<0.01	336	<10	16	55	<20	306	<0.01	<10	21	<10	<1
18	104394	10	<0.2	0.05	10	65	10	4.03	<1	52	261	3	3.21	<10	>10	423	<1	<0.01	923	40	<2	25	<20	231	<0.01	<10	9	<10	<1
19	104395	15	<0.2	3.27	5	145	15	0.59	2	92	351	232	>10	<10	1.91	2554	7	0.03	203	1210	54	<5	<20	9	0.09	<10	506	<10	6
20	104396	10	<0.2	1.83	5	40	<5	0.82	1	25	133	98	4.41	20	1.86	1006	9	0.02	100	1840	36	10	<20	14	<0.01	<10	99	<10	19
21	104397	20	0.2	0.92	5	250	<5	0.10	<1	5	139	44	2.27	<10	0.80	381	5	0.02	34	340	26	<5	<20	6	<0.01	<10	60	<10	3
22	104398	10	<0.2	1.03	5	130	<5	0.08	<1	12	104	119	2.47	<10	1.05	470	4	0.02	47	310	30	<5	<20	14	<0.01	<10	53	<10	6

Zn
76
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80
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184
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55

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
QC DATA:																													
Repeat:																													
1	106640	10	<0.2	0.56	<5	110	<5	>10	<1	46	445	26	3.99	<10	4.12	1013	<1	0.01	572	680	6	20	<20	91	<0.01	<10	80	<10	13
10	106649	10	<0.2	3.26	5	35	20	0.98	<1	44	53	60	6.41	<10	2.98	970	<1	0.02	26	530	66	10	<20	5	0.36	<10	153	<10	21
Resplit:																													
1	106640	15	<0.2	0.54	<5	105	5	>10	<1	46	424	30	3.98	10	4.21	993	<1	0.01	572	730	6	20	<20	101	<0.01	<10	83	<10	16
Standard:																													
Pb106			>30	0.52	275	80	<5	1.63	37	4	44	6224	1.61	<10	0.15	564	30	0.02	7	270	5344	60	<20	137	<0.01	<10	13	10	1
OXE42		610																											

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JJ/bp/kc
df/1581
XLS/06

Zn

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