2006 PROSPECTING REPORT

ON THE

MAMQUAM PROSPECT

IN THE PACIFIC RANGES OF THE COAST

MOUNTAINS, 92 G/10

NEW WESTMINSTER MINING DIVISION

122 DEGREES 57 MINUTES 36 SECONDS WEST

49 DEGREES 39 MINUTES 0 SECONDS NORTH

CLAIMS: MAMQUAM 1-3

TENURE NUMBERS: 510555, 510559, 510564.

OWNER OPERATOR: KEN MACKENZIE

FMC# 116450

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SQUAMISH, B.C.

MAY, 2007

EVENT NUMBER: 4141941

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N

MAMQUAM PROSPECT
1:600,000

MAP #1

0 10 20 30 40 50
Km

MAMQUAM PROSPECT
INTRODUCTION

The Mamquam Prospect is located in the Pacific Ranges of the Coast Mountains near the headwaters of the Mamquam River. See Map #1 (the index map) for the location. The property can be accessed by road from Squamish. Drive south from Squamish on highway 99 to the Mamquam main logging road, which is reached just beyond a bridge over the Stawamus River near the base of the Stawamus Chief (a well-known rock climbing area). Turn left (east) off the highway and follow the main road, which is marked in miles rather than kilometers. Logging trucks or construction vehicles may be present on this road so drive carefully with your lights on and use a radio. The correct frequency is posted. At approximately 2 ½ miles the road crosses the Stawamus River, and continues on past a new run of the river electrical generating plant (mile 6 to 8). At mile 9 the road crosses a bridge over the Mamquam River and stays on the north side of the river until the headwaters are reached. At mile 15 the road narrows and becomes steep for a short section. I usually stop there and make more calls than usual on the radio to ensure there are no loaded logging trucks coming down that section of the road. There is a fork in the road at mile 15, but the right hand fork has been decommissioned and is cross-ditched so it is relatively easy to identify the main road that goes uphill to the left. At mile 18 the logging road again heads uphill to the left, but you should continue straight ahead onto a decommissioned, cross-ditched road that soon crosses the Mamquam River near its headwaters. The road is easily drivable with a four-wheel drive vehicle that has sufficient clearance. Continue on the main road that parallels and then crosses a branch of the Mamquam flowing from the southwest. Continue uphill until the road splits. One road continues straight ahead and the other goes right (north). Both roads terminate at about the 3200-foot level on the property. Take the right fork and head north, roughly contouring around the mountain until a washout is reached, which is where you park. These roads are shown on Map #2 (the 1:50,000 index map), which shows the property in relationship to the Mamquam River, Raffuse Creek, Clarion Lake, the Stawamus River and the town of Squamish.

There are now three trails that begin from this north branch of the road. The first one is found at a low point in the road where a small creek flows through a culvert under the road. This trail descends downhill in the creek

then leaves the creek to travel north along the edge of the logging slash until the forest is entered. The trail then continues downhill beside the small stream until the main creek is reached. The main creek can be easily crossed at this site and the trail ascends the other bank up a small gully next to a glacial till slope failure. Once the logging slash is reached, the trail continues along the edge of the forest until an old logging road is encountered. This road is followed uphill (west) and then north contouring around the mountain until near the end of the road the trail enters the logging slash to the west and ascends through a thick growth of blueberries and small trees until the forest is reached again. From this site the trail proceeds north and west a short distance and then descends the steep bank into the northeast creek.

The other two trails were previously described in last year's prospecting report, and these trails often follow the creeks, which usually provide the best rock exposure and the clearest way through the bush.

There are numerous deer and black bears in the area, and the animals use the roads and trails regularly so caution is advised.

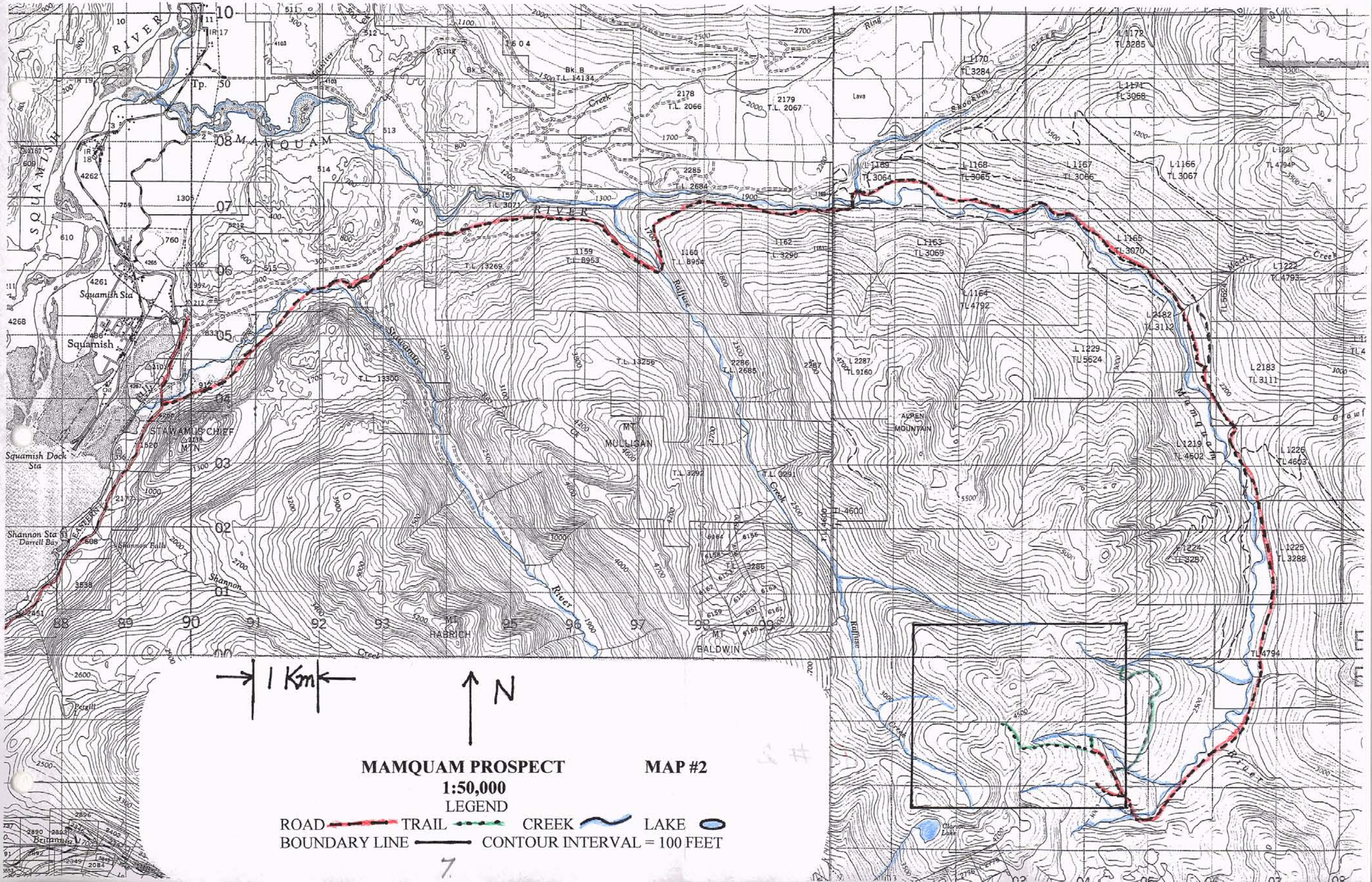
There are three claims that cover this part of the Mamquam Prospect named Mamquam 1 to 3, and their tenure numbers are: 510555, 510559, 510564.

Most of the property is covered with soil or glacial till so rock outcrops are infrequent. As a result, prospecting has been mainly done by following the stream sediment geochemistry, examining creek beds, and outcrops in the creek banks. Outcrops on or near old logging roads have also been prospected. Nearly all the mineralized rock found to 2005 was float, for which no source has been identified, but in 2006, low grade, finely disseminated chalcopyrite has been identified in various outcrops of quartz diorite, and these rocks may represent parts of the copper halo of a porphyry copper occurrence.

There are two main rock types found on the property, Gambier Group metamorphosed volcanics that contain rhyolites, andesites, cherts, tuffs and volcaniclastics, and intrusive rocks such as granodiorite and quartz diorite. To date the two areas of metamorphosed volcanic rocks previously identified have been found to be more extensive than previously thought. In addition, there are numerous rhyolite and some occasional porphyry dykes in the area. These are the same rocks that are associated with the Britannia Mine; so the model originally used was of a volcanogenic massive sulphide type of mineralization. This model still applies, but now that some rock float containing disseminated chalcopyrite in silicified quartz diorite (which was analyzed to contain 1½% Copper) has been found, as well as other boulders that contain quartz veins and sphalerite, the model has been

expanded to include a feeder zone and a possible porphyry copper deposit that has a relatively barren pyrite halo, a possible zinc-gold halo and a low grade copper halo that shows up in stream sediments, rock float, soil samples and rock outcrops.

Combined volcanogenic massive sulphide and porphyry copper deposits have been described in the literature, although not in the Coast Range Mountains. Nevertheless, the potential is present, and typical mines of this type are known to contain billions of pounds of copper. It should be emphasized, however, that most deposits are not that large, and do not become mines, so there is considerable risk in exploring these prospects. To date no massive sulphide, feeder zone or porphyry copper deposit of commercial value has been identified on the Mamquam prospect.


1 Km
N
MAMQUAM PROSPECT
MAP #2
1:50,000
LEGEND
ROAD
TRAIL
CREEK
LAKE
BOUNDARY LINE
CONTOUR INTERVAL = 100 FEET
7.

HISTORY OF THE MAMQUAM PROSPECT

A detailed history of the Mamquam prospect was documented in my 2005 prospecting report. Please refer to that report for a more complete summary. This report on the history will be shorter and will provide only a brief description of the property to the end of 2005.

This prospect was discovered in 1979 using a dithizone field test and stream sediment analyses performed in commercial labs. The original model was a volcanogenic massive sulphide type of deposit similar to that found in the nearby Britannia Mine. The highest geochemical values found at that time surrounded hill 5000 and this area was thought to contain one or more massive sulphide lenses. This interpretation is still considered valid, but in 2005, other types of mineralized rock were found that indicated the presence of a feeder zone. In addition, chalcopyrite disseminated in quartz diorite intrusive rocks have been discovered and are now considered part of a copper halo that may indicate the presence of a porphyry copper.

The cluster of various sized pieces of rock float that appear to be part of a feeder zone found in or near trail creek contain copper, zinc, lead, gold and silver as well as other indicator metals. Some of the gold values are higher than the 0.1 ppm level considered significant on this property and the location of this cluster has been added to Map # 3. Again, it can be seen that the higher gold values tend to surround hill 5000.

The work performed in 2006 was based largely on this history, and the present model that includes a porphyry copper source, one or more feeder zones and one or more massive sulphide lenses.

N

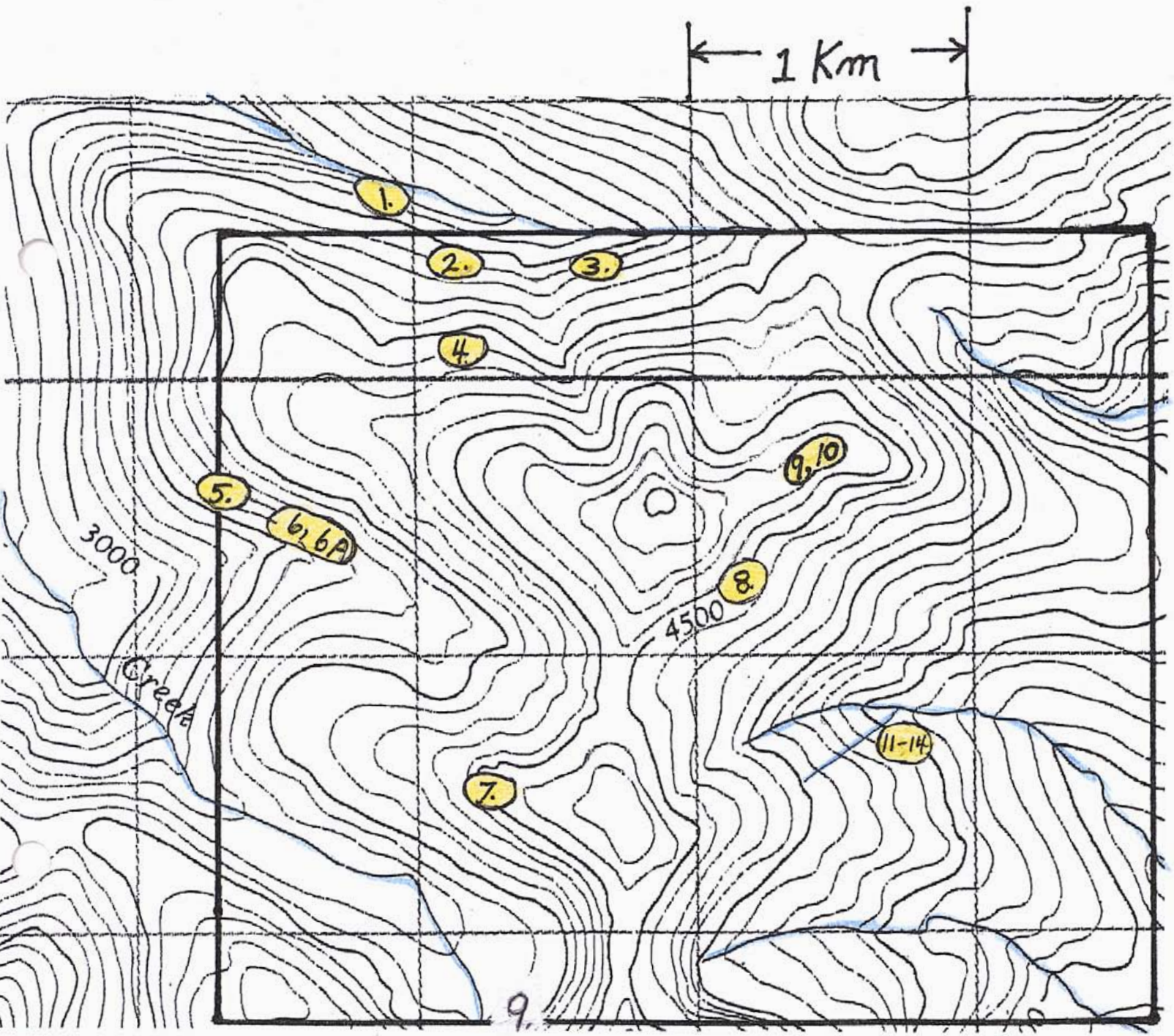
MAMQUAM PROSPECT
1:20,000

MAP #3

LOCATIONS OF GOLD ANALYSES IN ROCKS, STREAM SEDIMENTS AND SOILS GREATER THAN OR EQUAL TO 0.1 PPM

LEGEND

CREEK
LAKE
BOUNDARY LINE
SAMPLE SITE 1.



GOLD ANALYSIS RESULTS FOR THE SITES SHOWN ON MAP #3. CRITERIA: GOLD GREATER THAN OR EQUAL TO 0.1 PPM

1. Rock float containing pyrite, galena, sphalerite and minor chalcopyrite in clots and lenses in quartz.
   Cu 500 ppm
   Zn 0.13 %
   Pb 1.94 %
   Ag 50 ppm
   Au 3.05 ppm

2. Soil sample
   Cu 39 ppm
   Zn 109 ppm
   Pb 33 ppm
   Ag 0.6 ppm
   Au 0.16 ppm

3. Stream sediment
   Cu 40 ppm
   Zn 203 ppm
   Pb 34 ppm
   Ag 0.0 ppm
   Au 0.14 ppm

4. Soil sample
   Cu 20 ppm
   Zn 97 ppm
   Pb 186 ppm
   Ag 2.0 ppm
   Au 0.13 ppm

5. Soil sample
   Cu 16 ppm
   Zn 64 ppm
   Pb 21 ppm
   Ag 0.0 ppm
   Au 0.98 ppm

6. Stream sediment
   Cu 155 ppm
   Zn 1860 ppm
   Pb 29 ppm
   Ag 0.7 ppm
   Au 1.14 ppm

6A. Soil sample on the west bank of the same small stream approximately 3m above sample 6.
   Au 0.101 ppm

7. Soil sample
   Cu 179 ppm
   Zn 129 ppm
   Pb 15 ppm
   Ag 0.3 ppm
   Au 0.31 ppm

8. Soil sample
   Cu 42 ppm
   Zn 990 ppm
   Pb 19 ppm
   Ag 0.2 ppm
   Au 0.21 ppm

9. Rock with vuggy quartz veining and stockwork zone with disseminated pyrite.
   Cu 80 ppm
   Zn 59 ppm
   Pb 169 ppm
   Ag 1.3 ppm
   Au 0.18 ppm

10. Thin quartz veinlets with specs of galena, pyrite and minor sphalerite in pyritic silicious rhyolite tuff.
   Cu 820 ppm
   Zn 0.49 %
   Pb 1.06 %
   Ag 2.0 ppm
   Au 0.18 ppm

ADDITIONAL GOLD VALUES EQUAL TO OR ABOVE 0.1 PPM FOUND DURING 2005

11. Rock float found in trail creek about 100 meters below the trail. The rock is a silicified intrusive that appeared to contain pyrite, sphalerite, chalcopyrite and quartz veins. Its sample number is M-21. Significant results for M-21:

Au	0.168	ppm
Ag	2.9	ppm
As	25	ppm
Cd	27.1	ppm
Cu	1600	ppm
Mo	322	ppm
Pb	70	ppm
Zn	4530	ppm

12. This sample was found on the west bank of trail creek close to M-21. It was a large piece of rock float that has highly silicified and could not be broken with a normal rock hammer. The surface of the rock was covered with concentrated sulfides, which could be broken off and were sampled as M-23. Significant results for M-23:

Au	0.978	ppm
Ag	5.1	ppm
Cd	289	ppm
Cu	8130	ppm
Fe	7.49	%
Pb	1670	ppm
Zn	4.39	%

13. Sample M-24 was also found to have a gold level higher than 0.1 ppm, and was a piece of rock float found in one of the glacial till slope failures below the trail. Significant results for M-24:

Au	0.324	ppm
Ag	1.1	ppm
As	15	ppm
Cd	9.4	ppm
Cu	341	ppm
Pb	86	ppm
Zn	1530	ppm

14. Sample M-27 was found in another glacial till slope failure to the east of M-24. Again it was a well-weathered piece of rock float that contained pyrite and quartz veins. Significant results for M-27:

Au	0.363	ppm
Ag	4.2	ppm
As	607	ppm
Cd	35.6	ppm
Cu	861	ppm
Fe	9.5	%
Pb	426	ppm
Sb	45	ppm
Zn	5230	ppm

SUMMARY OF WORK PERFORMED ON THE MAMQUAM PROSPECT IN 2006

All the prospecting trips into the Mamquam property in 2006 were day trips. Although the end of the road as shown on Map #2 is over 40 Km from Squamish, this is close enough to allow daily access. The road is severely potholed and is narrowing in many places as the trees grow on the shoulders and lean into the driving space. Each year work is required so that access to the claims can be maintained.

Thursday May 18, 2006
Today, Rick Price and I drove the main road to mile 19 where we found snow blocking the road. We performed roadwork, cutting willow and alder to widen the road as well as some ditching and water control. Once the snow melted, more work of this type was done on most trips into the property.

Monday June 19, 2006
On the first prospecting trip covered by this report Rick and I traveled to the usual road on the property, but stopped before the standard parking spot at the low point in the road. We bushwhacked down hill into the main creek, found a route up the other side and connected with an old logging road that had not been used for many years. We hiked uphill and then north across the hillside until we reached the end of the road.
We then traversed down and across a steep, extremely bushy logging slash that had thick small trees and numerous blueberry bushes, which made the footing treacherous and dangerous.
Ultimately we came to the northeast creek, at about 3250 feet, where we obtained a sediment sample (M 33). The float in this creek was very interesting and contained intrusives, dyke rocks, rhyolites, silicious andesites, pyroclastics and pieces of quartz veins. One piece of float was sampled because it appeared to contain sphalerite. It was a dark rock with quartz flooding, quartz blebs and epidote (M 34). This rock looked similar to those we had found last year in and around trail creek.

Significant results for M 33:
Au 0.186 ppm

Significant results for M 34:

Au	0.096	ppm
Ag	2.1	ppm
Cd	81.8	ppm
Cu	519	ppm
Zn	9060	ppm

We returned by climbing up the creek bank in the mature timber rather than forcing our way through the logging slash. We still had to descend through the new growth of the logged area to the road, but it was not as steep and therefore less dangerous. We returned using the route we had come on, and marked a possible trail because it was clear that we would need to return to this area in the near future.

Thursday June 29, 2006
Today was a sunny day and I traveled the usual road to the property, but took the left fork before the end of the road and drove to the end of this spur. I hiked quickly and easily into the main branch of the southeast creek and obtained a sediment sample from the creek just below the first side creek flowing from the north (M 36).

Significant results for M 36:

Zn	144	ppm

From there I prospected up the main creek, finding silicified andesites with pyrite in veins and diffusely scattered in the rocks. Pyroclastics, quartz vein material and rhyolites were found as float and later as bedrock. A small waterfall was reached, and I elected to climb around it through the bush, which turned out to be extremely thick with many small trees. Once back in the creek I prospected down to the top of the waterfall and then upstream to about 3500 feet where the snow filled the creek. I did some trail work on the trip out, and then returned to the road and the truck.

Thursday July 20, 2006
Drew Leathem and I drove to the end of the road, hiked up the trail, to trail creek and then carefully prospected upstream above the area where we had previously found mineralized rocks. A similar piece of float was found in

the creek. It was a quartz rich, likely intrusive totally replaced with quartz that contained sphalerite and galena. A sample was taken (M 37).

Significant results for M 37:

Pb	1.84%	
Zn	1.94%	
Au	0.127	ppm
Cd	155	ppm

Other similar pieces of rock float were found in the creek, but none were analyzed. Above this site, three small streams come together to form trail creek. The trail follows the west branch. All three streams were examined closely for bedrock and float, but nothing of interest was found. Previously trail creek above the three-stream junction was found to have a high zinc level of 412 ppm (M 5), so it is likely that part of the source for the float found in and near the creek is above this sample site. We returned the way we had come.

Tuesday August 15, 2006

Today, Drew and I drove to the end of the usual access road, hiked up trail creek to about the 3600-foot level and crossed over a small ridge to the north into the main creek above the headwall and the high waterfall. M 41 is a bedrock sample taken from the northwest side of the creek. Small translucent veins were seen in the silicified rhyolites and they were thought to be possibly sphalerite.
Our altimeter read 3800 feet here, but the map shows the elevation to be 3600 feet, which is probably more accurate.

Significant results for M 41:

Ba	270	ppm

We continued prospecting upstream, checking the float in the creek and the open areas on both sides. Nothing of significance was found. We were particularly interested in the southeast slope because trail creek is on the other side and the ridge between the two creeks was considered to be a possible source of the many mineralized rocks found lower down in trail creek. No similar rocks were found on the main creek side of the ridge and the bedrock consisted of alternating intrusives and rhyolites. Pyrite was common, but no chalcopyrite was seen. At about 3900 feet elevation we found an alteration zone on the right (northwest) side

of the main creek. This area was unremarkable and only pyrite was seen in the alteration zone. This alteration zone was sampled (M 42).

Significant results for M 42:

Cu	1.7%	
Au	0.153	ppm
Ag	40.9	ppm
Mn	1980	ppm
Pb	147	ppm
Zn	278	ppm

We continued up the main creek, passed a small side creek that flowed in from the south and then ascended the next slightly larger creek to the meadows and the trail below the resting spot in the big trees, near the sword of Damocles.
We descended the trail, and trail creek to the cirque where we found another piece of mineralized float in trail creek. This rock was marked but not sampled. We followed the trail back to the road and our truck.

Thursday August 17, 2006.
Rick and I drove to the low point in the access road, descended into the main creek, climbed up to the logging road on the other side and went uphill and across the slope to the second small stream draining the central portion of the property. We prospected up this stream, took the right branch, and continued through the bush to about 3400 feet elevation. The creek had become very small here so we exited the stream and bushwhacked north and uphill to the flat area above the logged off area. We then traveled downhill until we found the northeast creek at M-33. The rock float at this site included andesites, altered intrusives, rhyolites, pyroclastics, quartz veins, mafic intrusives, and porphyry dykes. Pyrite was frequently encountered in these rocks. We prospected carefully upstream until we were stopped by a waterfall. We did not find the first stream from the south that we had expected to reach so we climbed the south bank, which was steep near the top until we eventually reached the large flat area. This was crossed, and we descended back down toward the north creek, reaching the road close to the place where we had started.
We returned on the logging road and descended into the main creek where a piece of rock float was found and sampled (M 43). The rock was a piece of rhyolite with small, dark, weathered veins and pyrite.
There were no significant results for M 43.
We then climbed up the bank and back to the access road. Trail work was done on this traverse as well.

Tuesday September 12, 2006
I used the recently constructed trail to extend my traverse into the northeast creek. From the mature timber above the end of the upper logging road I hiked through the bush in a northwest direction at about the 3500 foot level and parallel to the edge of the creek bank, which is steep and about 200 feet deep. I found a larger creek that provided a good route downhill into the northeast creek, just above the waterfall that had stopped Rick and I previously (Aug 17/06). At this junction some altered intrusives with malachite stains were found as loose rock. They obviously came from just above, but no mineral could be found in the bedrock above and no sample was taken. I traversed up the northeast creek to the next major junction. A moderately large creek flows into the northeast creek at an elevation of 3500 feet. The map does not show any creeks in this area.
M 45 is a sample of a piece of rusty coloured rock float that was mainly mafic with large blebs of quartz. Sphalerite was possibly seen in the mafic rock.
There were no significant results for M 45.

M 46 is a sediment sample taken from behind a large rock on the north side of the stream just below the junction.

Significant results for M 46:

Ba	230	ppm
Cu	108	ppm
Pb	34	ppm
Zn	173	ppm

I then headed back downstream, and sampled a large bedrock quartz vein that runs up the middle of the creek, striking at 280 degrees (M 47). A chip sample over 1 foot was taken and although nothing showed on the surface, some chalcopyrite was found in the vein as the chips were collected.
I then continued downstream, and climbed the small side creek that I came down earlier in the day. There was one steep section in the creek where the alteration zone has created a small waterfall. I had no difficulty descending this section, but on the way up I dislodged two large pieces of fractured rock. The creek was narrow and the banks were steep, high and close so there was nowhere I could go. I pushed against the east bank and made just enough room for the rocks to roll past me. The largest rock came within 2 centimeters of my right foot. Since then I've been very careful when I come and go over this site. This is another possible sample site, because the rock is altered, fractured and contains a quartz vein. The

pieces of malachite stained rock found in the creek just below here probably came from somewhere in this alteration zone.
The rest of my trip back was uneventful and the trail made the return relatively fast and easy.

Thursday 21 September, 2006
Drew and I used the usual route to get to the end of the upper logging road, did some trail work and then marked a route to the small creek that provides a way down into the northeast creek. We prospected up to the site of M 46 and continued up the main stream a long way, until we could see the col above us. We attempted to reach the col, but the small trees and azaleas made it too difficult with the time we had available. We managed to get within 100 vertical feet of the col, but we decided that without a trail this route would take too long and would not be a good access route to the west side of the claims. We turned back and descended the main northeast creek to our entry point, climbed the small creek and returned to the upper logging road and the truck. No significant mineralized rocks were found and no samples were taken.

Tuesday September 26, 2006
Rick and I drove to the end of the road, hiked up the trail, to trail creek, crossed the meadows and ascended into the col.
From here we descended to the west, clearing trail and marking a route onto the northwest ridge of hill 5000. We ascended onto the ridge at an elevation of about 4600 feet and then hiked down the ridge prospecting the middle and both sides. The north side of the ridge showed altered intrusive bedrock, but other than pyrite no other sulphides could be seen. We returned the way we had come, and sampled an outcrop of silicified, pyritized rhyolite, which was close to the entrance to the trail on the south side of the ridge. This sample was labeled M 52 in error, and was later changed to M 52A.

Significant results for M 52A:

Ba	140	ppm

We returned by a slightly higher route and descended a diagonal ledge that probably represents a major structure. This structure should have soil samples taken next year. In fact, all linear structures or areas of no, or sparse vegetation should have soil samples collected from them.
We returned to the col marking our new route, descended the trail and then prospected the main creek downstream. We reached a small tributary

flowing in from the south, which was slightly west of the one Drew and I climbed August 15, 2006. Rick and I found a piece of float near the mouth of this creek that contained disseminated chalcopyrite in an altered intrusive (M 53).

Significant results for M 53:

Cu	316	ppm

Similar rock was found as outcrop just above the float, but it was not sampled. We decided that if the float was anomylous for copper, we would return and take more samples up this creek. We then hiked uphill to the meadows, found the trail and descended trail creek to the truck.

Tuesday October 24, 2006

Drew and I drove to the low point in the usual access road, descended down the trail to the main creek which we crossed and then hiked up the other side until we reached the old logging road. We followed the upper road around the mountain doing some trail work on the way. At the end of the road we did more trail work uphill through the logging slash until we reached the mature timber where we contoured a short distance and then headed downhill following my previously marked trail until we reached the northeast creek at M 33. We proceeded downstream to the first creek from the north and prospected carefully upstream, finding silicified, mineralized float. At about 3200 feet of elevation, we noticed that no more silicified rock could be found. We continued upstream to about 3400 where we found a large alteration zone in the creek that contained chlorite and minor sulphides (probably pyrite). This sheared alteration zone was sampled (M 61).

Significant results for M 61:

Cu	186	ppm
Ba	180	ppm
Ca	2.61	%

We then returned the way we had come and reached the truck without difficulty.

Tuesday October 31, 2006
Drew and I drove to the end of the road and parked at the usual spot near the washout. The weather had become much colder over the last week and the ground was now frozen, there was new snow in shaded areas and the rocks in the creeks were covered with ice. Nevertheless, we hiked uphill to our trail and soon reached trail creek, which was extremely slippery. We continued up the creek until we reached the meadows and then we prospected down the first stream to the west. As we neared the main creek, the ground was frozen, the creek was icy and the steepness of the creek increased. We decided this route was unsafe and we headed back uphill, returned to the trail, passed the sword of Damocles and descended the next small creek to its junction with the main creek. This was the site where Rick and I had found M 53. Slightly upstream we found the outcrop we were looking for and sampled it (M 62).
There were no significant results for M 62.
Previously we had thought this rock contained disseminated chalcopyrite, but this time I could only identify pyrite. From here we continued upstream and just below the meadow I found a piece of rock float that was similar to the many samples we had found in and near trail creek. It was an altered intrusive that showed quartz flooding, with possible sphalerite and galena. The elevation was approximately 4300 feet. This rock was sampled (M 63).

Significant results for M 63:

Cu	102	ppm
Au	0.014	ppm
Ag	1.8	ppm
Cd	17.6	ppm
Pb	1090	ppm
Zn	3090	ppm

We continued prospecting above this area onto the lower part of the ridge where many large boulders could be seen. These boulders were highly silicified and difficult to break.
I sampled one boulder that appeared to be a quartz rich altered intrusive rock, which was mainly black in colour. A dark vein, which contained some finely divided sulfides, was seen near the surface. This sample was labeled M 64.

Significant results for M 64:

Zn	101	ppm

Although the sun was shining, very little warmth was in it and the air temperature remained cold. Our feet were icy from the cold streams, the ice and the snow in the meadows, so we quickly retreated down our trail to the truck. Interestingly, although we covered a few kilometers, all over fresh snow, we only saw a few deer tracks and no evidence of bears.

It was very unusual for us to be able to continue prospecting this late in the season, but we had no difficulty declaring this our last trip for 2006. Within two days heavy snows had covered the local mountains and likely blocked the roads in the upper Mamquam.

N

MAP # 4

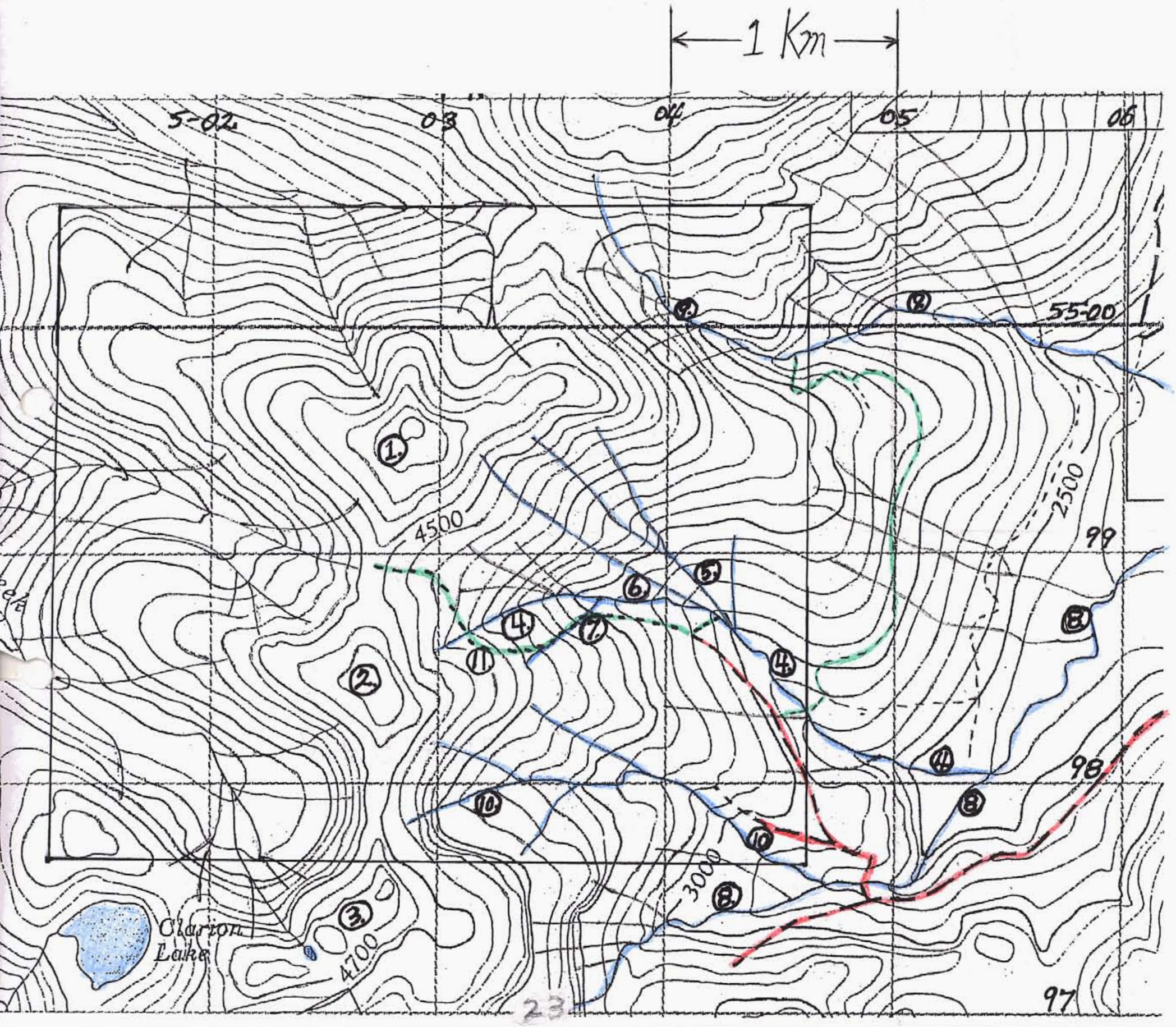
MAMQUAM PROSPECT
1:20,000

LEGEND

ROAD — TRAIL — NAMED CREEK — LAKE
BOUNDARY LINE — CONTOUR INTERVAL = 100 FEET

PLACE NAMES

1. HILL 5000
2. HILL 4700
3. RIDGE 4800
4. MAIN CREEK
5. CREEK #1
6. CREEK #2
7. TRAIL CREEK
8. MAMQUAM RIVER
9. NORTHEAST CREEK
10. SOUTHEAST CREEK
11. THE SWORD OF DAMOCLES (A large section of tree trunk suspended precariously above the ground)



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MAMQUAM PROSPECT
1:20,000 **MAP # 5**

MAIN AREAS PROSPECTED IN 2006, RELATED TRAVERSES AND SAMPLE SITES

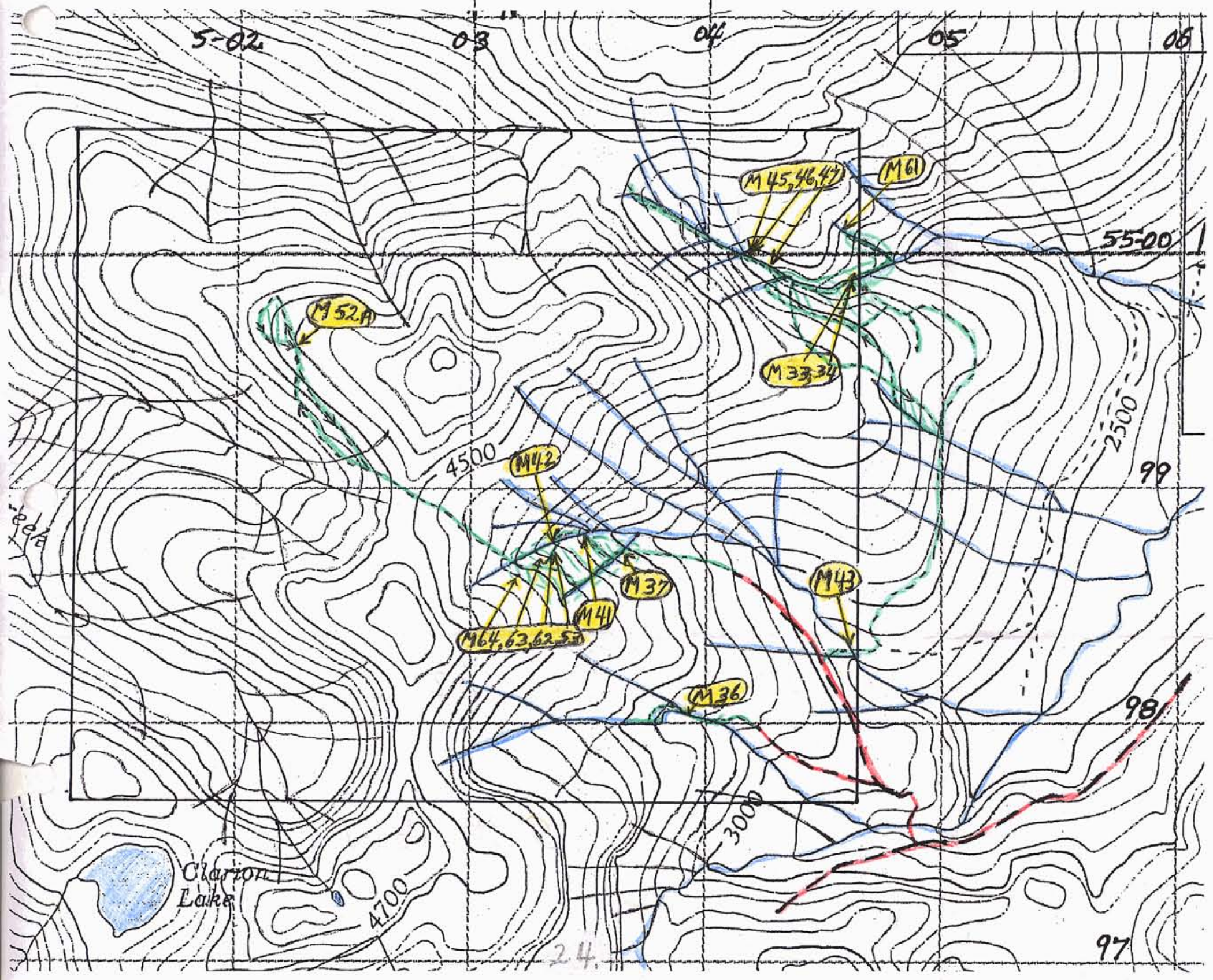
LEGEND

ROAD — CREEK
MAIN AREA PROSPECTED
CONTOUR INTERVAL = 100 FEET

LAKE
BOUNDARY LINE
SAMPLE SITE M 61

TRAVERSE

1 Km



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MAMQUAM PROSPECT

1:10,000 **MAP # 6**

2006 SIGNIFICANT RESULTS AND THEIR LOCATIONS

LEGEND

ROAD CREEK BOUNDARY LINE

CONTOUR INTERVAL = 100 FEET SAMPLE SITE

0 100 200 300 meters

1 Km

03

04

4500

M 33 Sediment
Au 0.186 ppm

M 61 Alteration zone
Ba 180 ppm
Ca 2.61 %
Cu 186 ppm

M 46 Sediment
Ba 230 ppm
Cu 108 ppm
Pb 34 ppm
Zn 173 ppm

M 33 Sediment
Au 0.186 ppm

M 52 A Bedrock
Ba 140 ppm

M 47 Quartz vein
Au 0.125 ppm
Ag 3 ppm
Cu 326 ppm

M 34 Rock float
Au 0.096 ppm
Ag 2.1 ppm
Cd 81.8 ppm
Cu 519 ppm
Zn 9060 ppm

M 42 Alteration zone
Au 0.153 ppm
Ag 40.9 ppm
Cu 1.7 %
Mn 1980 ppm
Pb 147 ppm
Zn 278 ppm

M 41 Bedrock
Ba 270 ppm

M 37 Rock float
Au 0.127 ppm
Cd 155 ppm
Pb 1.84 %
Zn 1.94 %

M 64 Rock float
Zn 101 ppm

M 63 Rock float
Au 0.014 ppm
Ag 1.8 ppm
Cd 17.6 ppm
Cu 102 ppm
Pb 1090 ppm
Zn 3090 ppm

M 53 Rock float
Cu 316 ppm

M 36 Sediment
Zn 144 ppm

25.

ITEMIZED COST STATEMENT
FOR 2006

SCHEDULE

FOOD COSTS/PERSON/DAY	$10
VEHICLE TO MAMQUAM	$60
PROSPECTORS/DAY	$400

PROSPECTING EXPENSES

VEHICLE	10 DAYS @ $60	$600
PROSPECTORS	18 DAYS @ $400	$7,200
FOOD	18 DAYS @ $10	$180

OTHER EXPENSES

ANALYSES	25-JUL-2006	$97.32
ANALYSES	25-OCT-2006	$321.30
ANALYSES	16-DEC-2006	$134.68

SAMPLES TO ALS/CHEMEX-NORTH VANCOUVER

4 TRIPS PRO-RATED FOR THE NUMBER OF SAMPLES:

PROSPECTOR	1.26 DAYS @ $400	$504.00
VEHICLE	4 TRIPS @ $25.2	$100.80

REPORT PREPARATION AND DELIVERY

8.24 DAYS @ $400	$3296.00
0.5 DAYS @ $400	$200.00
VEHICLE @ $40	$40.00

MISCELLANEOUS

COMPUTER/PRINTER SUPPLIES, EQUIPMENT	$31.71

TOTAL **$12,705.81**

APPENDIX A

AUTHOR'S QUALIFICATIONS

K. R. MacKenzie, B.Sc., M.D.

Dr. MacKenzie is a retired physician who graduated from the University of British Columbia in 1963 with a B.Sc. in Chemistry and Mathematics. Geology 105 was taken as part of his undergraduate studies. He spent three summers working for the Geological Survey of Canada under Dr. J. O. Wheeler.
After graduating from U.B.C. in 1968 with a medical degree, Dr. MacKenzie has continued to prospect as a hobby.

Recent reading by the author includes:

The Rocks and Minerals of the World by C. Sorrell and G. Sandstrom.

Exploration and Mining Geology by William C. Peters.

Ore Deposits by C.F. Park, Jr. and R. A. MacDiarmid

A Field Guide to Rocks and Minerals by Pough

The Geochemistry of Gold and its Deposits by R. W. Boyle

Case Histories of Mineral Discoveries, Volume 3, Porphyry Copper, Molybdenum, and Gold Deposits, Volcanogenic Deposits (Massive Sulphides), and Deposits in Layered Rock by V. F. Hollister, Editor.

Porphyry Copper and Molybdenum Deposits West-Central B.C. by N.C. Carter.

Geology of the Porphyry Copper Deposits of the Western Hemisphere by Victor F. Hollister.

Atlas of Alteration, Edited by A.J.B. Thompson and J.F.H. Thompson

APPENDIX B

ANALYSIS RESULTS FOR ALL SAMPLES COLLECTED ON THE MAMQUAM PROSPECT IN 2006

ALS Chemex
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PO BOX 641
GARIBALDI HIGHLANDS BC V0N 1T0

Finalized : 25-JUL-2006
Account: MACKEN

CERTIFICATE VA06061055

Project: MAMQUAM

P.O. No.:

This report is for 9 Stream Sediment samples submitted to our lab in Vancouver, BC, Canada on 30-JUN-2006.

The following have access to data associated with this certificate:

KEN MACKENZIE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

29

To: **MACKENZIE, KEN**
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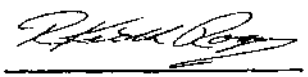
Signature: 
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 25-JUL-2006
Account: MACKEN

Project: MAMQUAM

CERTIFICATE OF ANALYSIS VA06061055

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
M-33		1.02	0.186	0.3	1.08	<2	<10	90	<0.5	<2	0.25	<0.5	5	7	36	1.67
M-34		0.90	0.096	2.1	1.40	<2	<10	50	<0.5	<2	2.89	81.8	9	4	519	2.08
M-36		1.12	<0.005	0.2	1.48	<2	<10	90	<0.5	<2	0.20	<0.5	10	9	61	2.56

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Finalized Date: 25-JUL-2006
Account: MACKEN

Project: MAMQUAM

CERTIFICATE OF ANALYSIS VA06061055

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
M-33		<10	<1	0.12	<10	0.73	479	1	0.03	5	520	10	0.07	<2	2	21
M-34		<10	<1	0.20	10	1.17	1290	1	0.02	6	900	20	1.32	<2	1	65
[redacted]																
M-36		<10	<1	0.15	10	1.06	829	11	0.02	8	500	13	0.04	<2	3	15

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Account: MACKEN

Project: MAMQUAM

CERTIFICATE OF ANALYSIS VA06061055

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
M-33		0.03	<10	<10	23	<10	85
M-34		0.02	<10	<10	19	<10	9060
[redacted]							
M-36		0.01	<10	<10	37	<10	144

36

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Page: 1
Finalized Date: 24-OCT-2006
This copy reported on 27-OCT-2006
Account: MACKEN

CERTIFICATE VA06098363

Project: MAMQUAM

P.O. No.:

This report is for 19 Rock samples submitted to our lab in Vancouver, BC, Canada on 29-SEP-2006.

The following have access to data associated with this certificate:

KEN MACKENZIE

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
PUL-31	Pulverize split to 85% <75 um
SPL-21	Split sample - riffle splitter
CRU-31	Fine crushing - 70% <2mm
SCR-41	Screen to -180um and save both
CRU-QC	Crushing QC Test

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Cu-AA46	Ore grade Cu - aqua regia/AA	AAS
Pb-AA46	Ore grade Pb - aqua regia/AA	AAS
Zn-AA46	Ore grade Zn - aqua regia/AA	AAS
Au-AA23	Au 30g FA-AA finish	AAS

33

To: **MACKENZIE, KEN**
PO BOX 641
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Signature:
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 24-OCT-2006
Account: MACKEN

Project: MAMQUAM

CERTIFICATE OF ANALYSIS VA06098363

Sample Description	Method Analyte Units LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
M-37		0.80	0.127	2.8	0.44	9	<10	220	<0.5	<2	0.09	155.0	3	2	120	0.36
[redacted]																
M-41		0.68	<0.005	<0.2	0.22	3	<10	270	<0.5	<2	0.57	<0.5	1	5	51	0.82
M-42		0.80	0.153	40.9	2.33	10	<10	50	<0.5	<2	0.96	<0.5	42	6	>10000	12.15
M-43		0.84	<0.005	0.3	0.75	9	10	60	<0.5	<2	3.29	<0.5	9	<1	68	3.64
M-45		0.62	<0.005	0.2	0.40	20	<10	90	<0.5	<2	0.10	<0.5	3	3	74	2.94
M-47		0.68	0.125	3.0	0.12	4	<10	60	<0.5	3	3.13	<0.5	6	7	326	1.37
[redacted]																
M-52A		0.66	0.008	0.3	1.14	8	<10	140	<0.5	<2	0.09	<0.5	9	5	69	3.92
M-53		0.96	<0.005	0.4	1.79	<2	<10	90	<0.5	<2	1.11	<0.5	10	13	316	3.04
[redacted]																
M-46		0.82	<0.005	0.2	2.00	9	<10	230	<0.5	<2	0.29	0.7	10	45	108	3.25
[redacted]																

34.

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Finalized Date: 24-OCT-2006
Account: MACKEN

Project: MAMQUAM

CERTIFICATE OF ANALYSIS VA06098363

Sample Description	Method Analyte Units LOR	ME-ICP41 Ga ppm 10	ME-ICP41 Hg ppm 1	ME-ICP41 K % 0.01	ME-ICP41 La ppm 10	ME-ICP41 Mg % 0.01	ME-ICP41 Mn ppm 5	ME-ICP41 Mo ppm 1	ME-ICP41 Na % 0.01	ME-ICP41 Ni ppm 1	ME-ICP41 P ppm 10	ME-ICP41 Pb ppm 2	ME-ICP41 S % 0.01	ME-ICP41 Sb ppm 2	ME-ICP41 Sc ppm 1	ME-ICP41 Sr ppm 1
M-37		<10	1	0.23	10	0.19	65	3	0.01	3	250	>10000	1.28	2	<1	11
[redacted]																
M-41		<10	<1	0.15	10	0.07	193	<1	0.05	<1	90	12	0.10	<2	1	29
M-42		10	1	0.16	<10	2.59	1980	8	0.03	9	690	147	>10.0	3	3	18
M-43		<10	<1	0.11	10	0.80	1260	1	0.05	1	1900	7	0.38	<2	7	77
M-45		<10	<1	0.11	10	0.12	89	3	0.04	2	320	9	2.36	3	<1	9
M-47		<10	<1	0.04	<10	0.27	478	6	0.01	2	50	9	0.63	<2	<1	37
[redacted]																
M-52A		<10	<1	0.24	<10	0.84	884	6	0.01	3	850	15	1.78	<2	2	5
M-53		10	<1	0.18	10	1.72	988	1	0.04	8	860	3	1.13	2	4	19
[redacted]																
M-46		10	1	0.24	10	0.86	1100	4	0.05	8	760	34	0.06	<2	3	30
[redacted]																

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Finalized Date: 24-OCT-2006
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Project: MAMQUAM

CERTIFICATE OF ANALYSIS VA06098363

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-AA46	Pb-AA46	Zn-AA46
	Analyte	Ti	Tl	U	V	W	Zn	Cu	Pb	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm	%	%	%
	LOR	0.01	10	10	1	10	2	0.01	0.01	0.01
M-37		<0.01	<10	<10	3	<10	>10000		1.84	1.94
[redacted]										
M-41		<0.01	<10	<10	2	<10	48			
M-42		<0.01	<10	<10	36	<10	278	1.70		
M-43		0.01	<10	<10	43	<10	64			
M-45		<0.01	<10	<10	7	<10	32			
M-47		<0.01	<10	<10	6	<10	24			
[redacted]										
M-52A		<0.01	<10	<10	29	<10	91			
M-53		<0.01	<10	<10	46	<10	84			
[redacted]										
M-46		0.03	<10	<10	44	<10	173			
[redacted]										

3Gr.

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GARIBALDI HIGHLANDS BC V0N 1T0

Finalized . 16-DEC-2006
Account: MACKEN

CERTIFICATE VA06112118

Project: MAMQUAM

P.O. No.:

This report is for 9 Rock samples submitted to our lab in Vancouver, BC, Canada on 3-NOV-2006.

The following have access to data associated with this certificate:

KEN MACKENZIE		

SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-ICP41	34 Element Aqua Regia ICP-AES	ICP-AES
Au-AA23	Au 30g FA-AA finish	AAS

22

To: MACKENZIE, KEN
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GARIBALDI HIGHLANDS BC V0N 1T0

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Signature:
Keith Rogers, Executive Manager Vancouver Laboratory

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Finalized Date: 16-DEC-2006
Account: MACKEN

Project: MAMQUAM

CERTIFICATE OF ANALYSIS VA06112118

Sample Description	Method / Analyte / Units / LOR	WEI-21 Recvd Wt. kg 0.02	Au-AA23 Au ppm 0.005	ME-ICP41 Ag ppm 0.2	ME-ICP41 Al % 0.01	ME-ICP41 As ppm 2	ME-ICP41 B ppm 10	ME-ICP41 Ba ppm 10	ME-ICP41 Be ppm 0.5	ME-ICP41 Bi ppm 2	ME-ICP41 Ca % 0.01	ME-ICP41 Cd ppm 0.5	ME-ICP41 Co ppm 1	ME-ICP41 Cr ppm 1	ME-ICP41 Cu ppm 1	ME-ICP41 Fe % 0.01
M-61		0.66	<0.005	<0.2	1.58	<2	<10	180	<0.5	<2	2.61	<0.5	6	7	186	2.32
M-62		0.68	0.007	0.2	1.31	<2	<10	50	<0.5	<2	0.47	<0.5	10	11	42	2.60
M-63		0.76	0.014	1.8	1.13	3	<10	20	<0.5	3	0.10	17.6	12	2	102	5.88
M-64		0.66	0.011	<0.2	2.49	<2	<10	80	<0.5	<2	0.90	<0.5	4	7	9	5.40

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Finalized Date: 16-DEC-2006
Account: MACKEN

Project: MAMQUAM

CERTIFICATE OF ANALYSIS VA06112118

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Sr
	Units	ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm
	LOR	10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	1
M-61		10	<1	0.12	10	1.34	1045	<1	0.05	4	800	6	0.19	<2	2	38
M-62		10	<1	0.18	10	1.43	414	<1	0.06	8	850	6	2.10	<2	3	13
M-63		<10	<1	0.22	<10	0.67	690	5	0.01	3	820	1090	4.20	<2	2	14
M-64		10	<1	0.77	<10	1.30	677	1	0.18	11	580	6	0.02	<2	7	34

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Finalized Date: 16-DEC-2006
Account: MACKEN

Project: MAMQUAM

CERTIFICATE OF ANALYSIS VA06112118

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
	Analyte	Ti	Tl	U	V	W	Zn
	Units	%	ppm	ppm	ppm	ppm	ppm
	LOR	0.01	10	10	1	10	2
M-61		0.01	<10	<10	29	<10	178
M-62		<0.01	<10	<10	40	<10	57
M-63		<0.01	<10	<10	34	<10	3090
M-64		0.14	<10	<10	87	<10	101

40.