HARMONY GOLD PROJECT

1997 GEOCHEMICAL SAMPLING ASSESSMENT REPORT

RILEY CREEK / RENNELL SOUND AREA, SOUTHWEST GRAHAM ISLAND, QUEEN CHARLOTTE ISLANDS, BRITISH COLUMBIA

SKEENA MINING DIVISION
BRITISH COLUMBIA
CANADA

N.T.S. 103F/08W
Latitude 53°23' N
Longitude 132°25'W

MINERAL CLAIMS REFERENCED

MMG 0 - 12, 14 - 16
GOSPEL GOLD 1 - 2
SHI 1 - 3

Prepared for

Misty Mountain Gold Limited
1020-800 West Pender St.
Vancouver, B.C.
V6C 2V6

June 25, 1997

by

Bernhardt Augsten
Tara Case

25 087

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1.0 SUMMARY

The Harmony Gold Project is located on Graham Island, the northern and largest of the Queen Charlotte Islands, 779 kilometres north of Vancouver, British Columbia. The Project area consists of 172 mineral claims, including the 21 claims that form the Riley Creek claim block, that are owned by Misty Mountain Gold Limited.

The Riley Creek claim block as well as the majority of the Harmony Gold Project claims are accessible by well maintained logging roads from Masset, Queen Charlotte City and Port Clements, British Columbia.

The Harmony Gold Project is considered to be a prime exploration target for precious metal deposits due to the presence of the mineral-rich Specogna deposit within the claim area and the dilational tectonic regime of the region. The Specogna deposit, located 18 kilometres south of Port Clements, is a large epithermal gold resource. Exploration activity in the Project area has concentrated on the Specogna Deposit, on which some 85,000 metres of drilling has been completed. Initial phased exploration has occurred beyond the Specogna Deposit area including an airborne geophysical survey flown over the Project area in early 1995 and an interpretation of the survey data in the Riley Creek claim block in February, 1997.

The interpretation of the airborne geophysical survey data was successful in identifying eleven geophysical targets in the Riley Creek area which were the focus of the March, 1997 geochemical sampling and prospecting program.

This program provided preliminary coverage of the Riley Creek claim block. The results of the program should be integrated with the geological information and the airborne geophysical survey interpretation to further refine principal exploration targets.

2.0 INTRODUCTION

The MMG 0 -12, MMG 14 -16, GOSPEL GOLD 1,2 and SHI 1 -3 claims, hereafter referred to as the Riley Creek claim group, are situated on Graham Island, the northern most island of the Queen Charlotte Islands, approximately 25 km northwest of Queen Charlotte City. Access is facilitated by a fairly extensive network of logging roads.

The Riley Creek claim group consists of a total of 218 contiguous units, which is part of a larger package of 172 claims, totaling 444 km^2, owned by Misty Mountain Gold Limited.

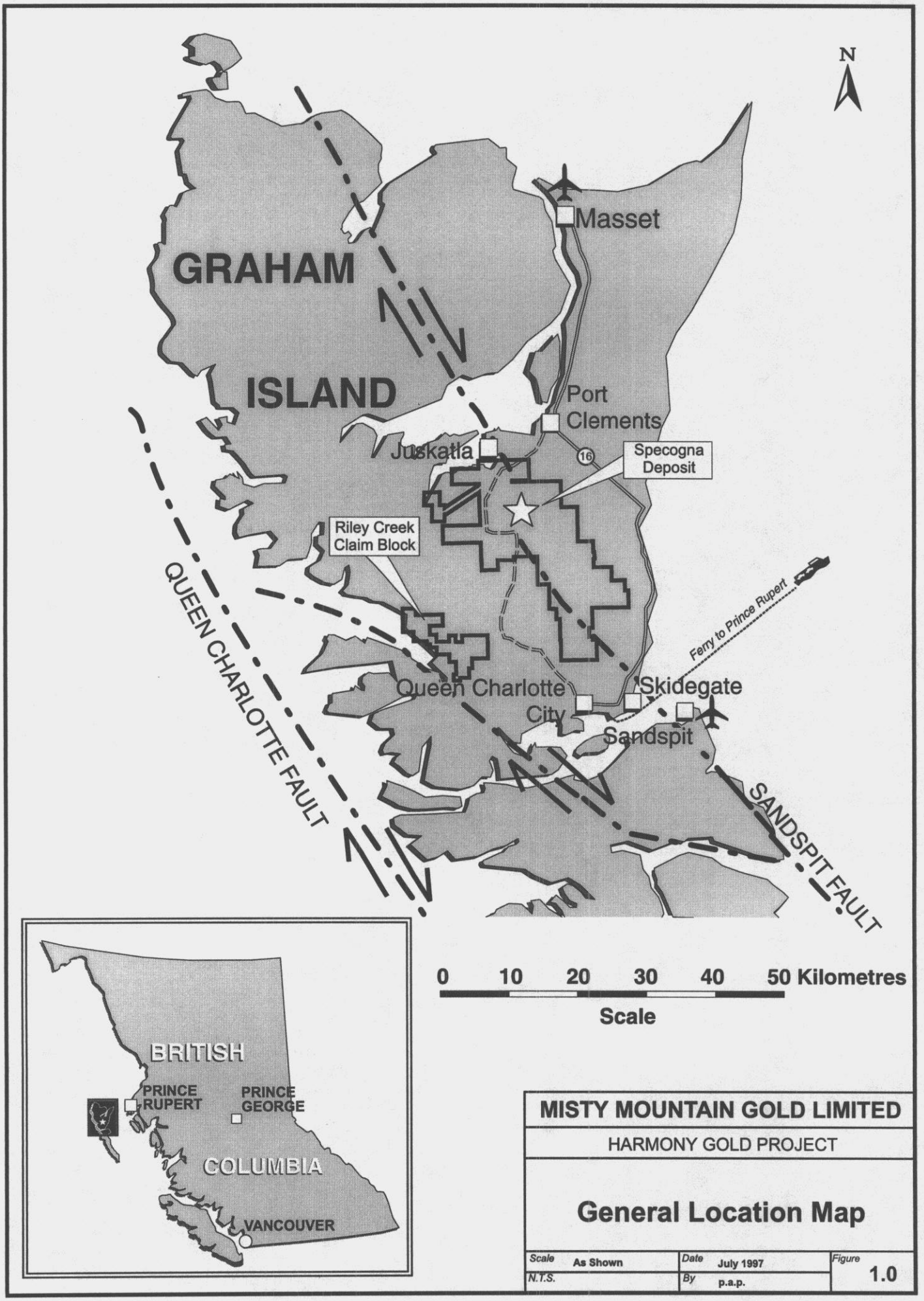
The work summarized in this report was initiated by a comprehensive interpretation of airborne geophysical data coupled with known geological and physiographical data. This interpretation identified several areas of interest based on the occurrence of features similar to ones that occur at the Specogna deposit. This report summarizes the results of a program of geochemical sampling and prospecting conducted March 6 to 16, 1997 within these areas of interest.

3.0 LOCATION AND ACCESS

The Riley Creek claim group is situated on Graham Island, the northernmost island of the Queen Charlotte Archipelago (Figure 1.0). The claims are located on the southeast side of Rennell Sound, which is near the southwest end of Graham Island (Figure 2.0). Access to the centre of the claim group is by a well-maintained network of logging roads which provide access from either Port Clements to the northeast, or Queen Charlotte City to the southeast.

4.0 CLAIM DATA

The Riley Creek claim group consists of 21 mineral claims comprising 218 contiguous units, part of a larger package of 172 claims, totaling 444 km^2. The Riley Creek group of claims is owned 100% by Misty Mountain Gold Limited. The location of the Riley Creek claim group is shown in

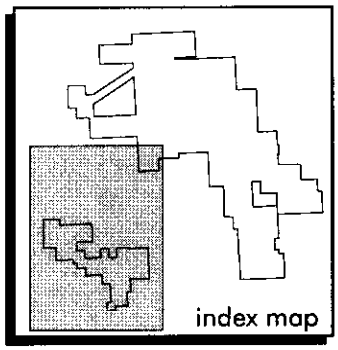


MISTY MOUNTAIN GOLD LIMITED

HARMONY GOLD PROJECT

General Location Map

Scale	As Shown	Date	July 1997	Figure
N.T.S.		By	p.a.p.	1.0



N

Riley Creek Claim Block

Riley Creek

Yakoun River

Yakoun Lake

Shields Bay

MMG 1 325573
Gospel Gold 1 331302
Gospel Gold 2 331303
MMG 2 325574
MMG 3 325650
MMG 4 325651
MMG 5 325652
MMG 6 325653
MMG 7 325655
MMG 8 325654
MMG 9 325656
MMG 10 325657
MMG 11 325658
MMG 12 325660

0 0.5 1 2 3 4 5kilometres

SCALE

MISTY MOUNTAIN GOLD CORP.

HARMONY GOLD PROJECT

Claim Map
Riley Creek Claim Block

Scale	1:100 000	Date	July 1997	Figure	2.0
N.T.S.	103F08W	By	J.h.t /p.a.p.		

Figure 2.0. These claims are situated in the Skeena Mining Division. A listing of the Riley Creek block of claims is given in Table 1.0.

5.0 REGIONAL GEOLOGY

The area of the Riley Creek group of claims is part of an area mapped by done by Sutherland Brown 1968, B.C. Dept. of Mines Bulletin 54 and by J. Hesthammer et al, 1991, GSC Open File #2319.

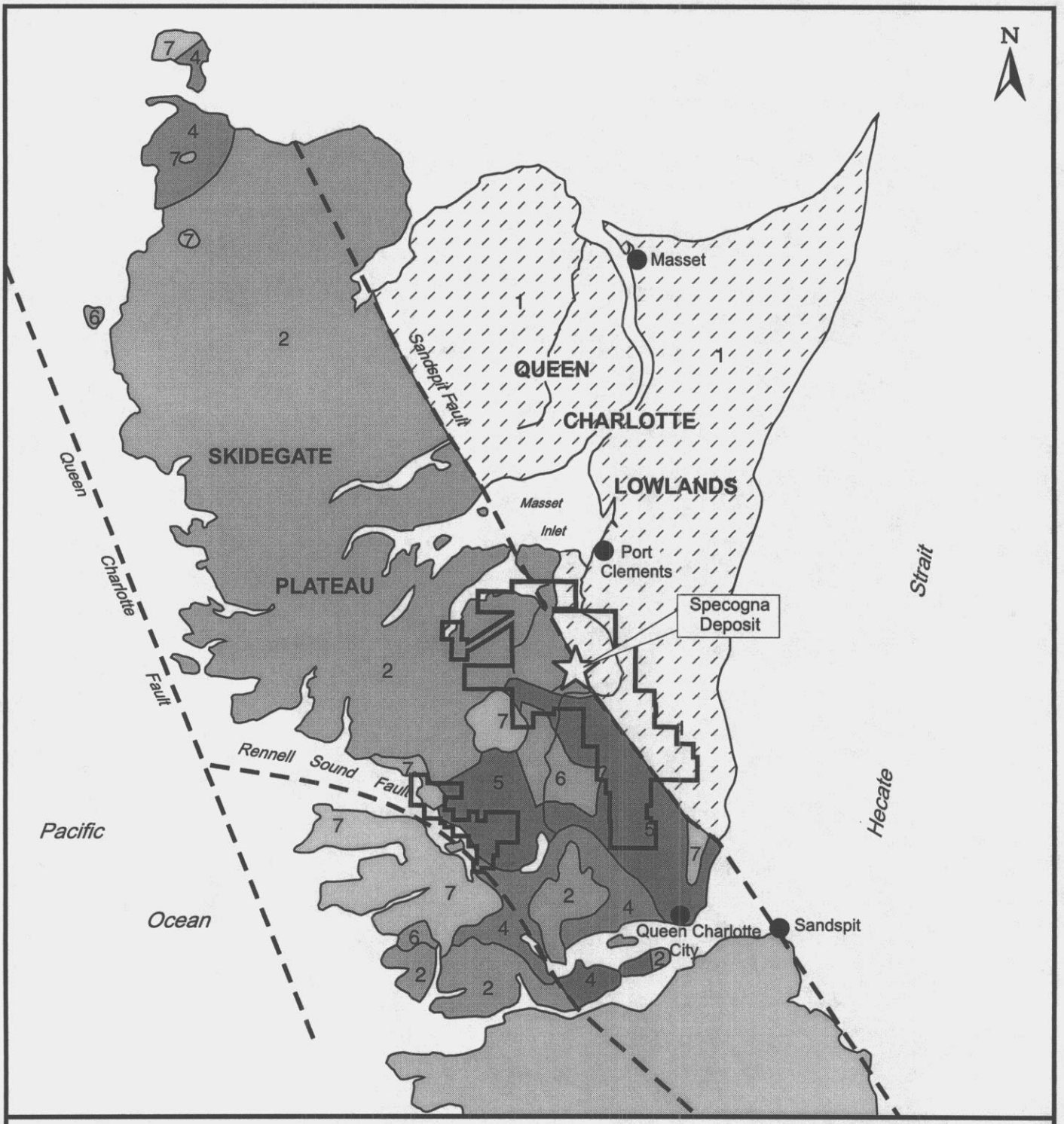
The claim area is underlain by a sedimentary and volcanic assemblage intruded by typically leucocratic plutonic rocks, usually quartz diorites to quartz monzonites. Regional geology of Graham Island is illustrated in Figure 3.0.

6.0 EXPLORATION HISTORY

The Riley claim group is part of the larger Harmony Gold Project. The Project contains the Specogna Deposit, first staked in 1970, at which exploration efforts have been concentrated. The Specogna Deposit was optioned to a number of companies before it was acquired by Consolidated Cinola Mines Ltd. in 1977. In 1986, City Resources (Canada) Limited acquired control of Consolidated Cinola Mines Ltd. In 1989, Barrack Mine Management acquired control of City Resources (Canada) Limited. In March 1994, City Resources (Canada) Limited changed the company name to Misty Mountain Gold Limited. On November 21, 1994 the Hunter Dickinson Group, through Romulus Resources Ltd., entered into an option agreement with Misty Mountain Gold Limited to actively explore the Specogna deposit and the Harmony Gold Project claim area in order to earn a 50% interest in the Property. On November 6, 1995 Romulus Resources Ltd. and Misty Mountain Gold Limited merged with the Hunter Dickinson Group becoming the operators. The new company continued its name of Misty Mountain Gold Limited.

TABLE 1.0 Riley Creek Claim Block				
CLAIM NAME	UNITS	TENURE NUMBER	COMPLETION DATE	EXPIRY DATE*
MMG 0	1	325788	17-MAY-94	17-MAY-98
MMG 1	16	325573	06-MAY-94	06-MAY-98
MMG 2	9	325574	05-MAY-94	05-MAY-98
MMG 3	20	325650	08-MAY-94	08-MAY-98
MMG 4	8	325651	08-MAY-94	08-MAY-98
MMG 5	16	325652	12-MAY-94	12-MAY-98
MMG 6	16	325653	14-MAY-94	14-MAY-98
MMG 7	10	325655	15-MAY-94	15-MAY-98
MMG 8	18	325654	18-MAY-94	18-MAY-98
MMG 9	15	325656	21-MAY-94	21-MAY-98
MMG 10	15	325657	17-MAY-94	17-MAY-98
MMG 11	20	325659	20-MAY-94	20-MAY-98
MMG 12	12	325660	21-MAY-94	21-MAY-98
MMG 14	1	325789	18-MAY-94	18-MAY-98
MMG 15	1	325790	18-MAY-94	18-MAY-98
MMG 16	1	325791	18-MAY-94	18-MAY-98
GOSPEL GOLD	20	331302	06-OCT-94	06-OCT-98
GOSPEL GOLD	16	331303	06-OCT-94	06-OCT-98
SHI-1	1	335719	29-APR-95	29-APR-99
SHI-2	1	335720	29-APR-95	29-APR-99
SHI-3	1	335721	29-APR-95	29-APR-99

* subject to acceptance of this report



TERTIARY

1 **Skonun Formation** *Clastic Sediments*

2 **Masset Formation** *Basalt, Andesite, Rhyolite Volcanics*

CRETACEOUS

3 **Haida Formation** *Sandstone - argilite*

4 **Undivided Sediments**

JURASSIC

5 **Yakoun Formation** *Andesitic Flows, Volcano Clastic*

TRIASSIC-JURASSIC

6 **Undivided Sediments**

CRETACEOUS-TERTIARY

7 **Intrusives** *Diorite - granite*

MISTY MOUNTAIN GOLD LIMITED

HARMONY PROJECT - **Specogna Deposit**

Regional Geology

Scale	as shown	Date	July 1997	Figure
N.T.S.		By	tjo	3.0

The MMG claims, part of the Riley Creek claim group, were staked in May, 1994 and were part of the earn-in option agreement between Romulus Resources Ltd. and Misty Mountain Gold Limited. The Gospel Gold and SHI claims, also part of the Riley Creek group of claims, were staked on behalf of Romulus Resources Ltd. in 1994 and 1995.

In early 1995 Romulus Resources Ltd. contracted Digem I Power to perform an airborne magnetometer, electromagnetometer and radiometric geophysical survey over the entire claim area including the Riley Creek area. Also in 1995, Romulus Resources performed regional geochemical (soil and stream sediment) sampling and prospecting throughout the claim area.

In February 1997, Misty Mountain Gold Limited contracted S.J.V. Consultants Ltd. of Delta, B.C. to perform an interpretation of data from the airborne geophysical survey flown over the Riley Creek claims to identify geophysical features of interest with particular attention to structural complexity and areas with similar geophysical signatures to those observed across the Specogna deposit (Pezzot, 1997).

7.0 GEOCHEMICAL SAMPLING & PROSPECTING EXPLORATION PROGRAM

In March 1997, Misty Mountain Gold Limited completed an exploration program of soil, moss mat, and rock geochemical sampling on the Riley Creek claim group. A total of 92 geochemical samples were taken: 64 soil samples, 20 stream moss mat samples and 8 rock samples.

Sampling was conducted at areas of interest identified by the S.J.V. Consultants Ltd. interpretation of the 1995 airborne geophysical survey data (Figure 4.0). Samples were collected at sites as shown in Figure 5.0.

Soil samples were collected from the "B" soil horizon at depths of 10 cm or more below surface. The sample material was placed in kraft bags for shipment to the lab.

Stream moss mat samples were collected from sediment laden moss growing along streams, below the high water level. These samples were also shipped to the lab in kraft bags.

Rock samples were taken of altered, mineralized, silicified, or quartz veined outcrop or float. Table 2.0 describes the rock samples.

All samples were sent to Min-En Labs of Vancouver, B.C. for gold plus 31 element ICP analysis. See Appendix I for analytical procedures and Appendix II for analytical results. Figure 6.0 shows the gold geochemistry for all three sample types.

8.0 RESULTS OF EXPLORATION PROGRAM

The results of the geochemical sampling and prospecting program are summarized as per the areas of interest outlined in the interpretation of the airborne geophysical survey (Figure 4.0):

Areas of Interest A-1, A-5

The area that covers anomalies A-1 and A-5 was explored by a combination of prospecting along old roads, soil sampling, and moss mat sampling. The area is underlain by three main rock types: medium to dark green chloritized andesite to basalt; medium grained, equigranular, hypidiomorphic diorite to monzodiorite; and argillaceous shales and siltstones. Both the andesite and diorite to monzodiorite have low to moderate levels of disseminated magnetite. The similarities in magnetite content explains the similar airborne magnetic response in the area of A-5, even though a contact between the two rock types exists in this vicinity. The sharp magnetic contact in the area of A-1 probably represents the contact between the volcanics and the sediments. Along the east west soil line (samples RS97001 to RS97031; Figure 5.0) poor B-horizon soils were encountered except for a few notable locations at sample numbers RS97008, RS97024 (Figure 5.0). Results from these soils were uniformly low (Appendix II). The soil traverse that parallels the roads found mostly good B-horizon (soil samples RS97032 to RS97064). The sample spacing along the road was modified to allow for sampling of better B-

TABLE 2.0

ROCK SAMPLE DESCRIPTIONS

SAMPLE NUMBER	
RR97001	30 cm chip sample across a bull-white quartz vein hosted by medium green, aphanitic andesite. Vein has 5% fracture-controlled limonite, and no visible sulphides. Contact at 270/70°N.
RR97002	Float: light blue to grey on fresh surface and buff coloured on weathered surface, lapilli tuff with trace to <0.5% disseminated pyrite. Contains light beige to yellow/beige wispy to irregularly-shaped fragments up to 1.5 cm long. Rock is hard and dense but not silicified. Pieces of float +30cm long and angular.
RR97003	1 metre chip sample across a strongly sheared, bleached, sericitized fine grained feldspar porphyry andesite? Strongly limonite-stained. Contains a partially oxidized 2cm wide steeply dipping quartz/pyrite stringer. Rock is reduced to a gravel-like rubble.
RR97004	1 metre chip sample. Similar to above without the narrow quartz/pyrite stringer.
RR97005	1 metre chip sample. Similar to RR97004 above.
RR97006	35cm chip sample of a quartz/carbonate vein with patchy massive accumulations of fine-grained pyrite, in addition to +3-5% disseminated pyrite. Vein attitude at 104/65. In contact with aphanitic massive felsic intrusion containing 1-3 % pyrite with pervasive iron-carbonate alteration
RR97007	Float: large boulder of limonite-stained, bleached, pyritized felsic intrusion. Protolith difficult to determine, possible fine-grained quartz diorite. !)% disseminated limonite stains as 0.5 mm spots (oxidized pyrite). Boulder is weakly foliated.
RR97008	Float: strongly altered quartz diorite with 30% disseminated pyrite. Bleached to a medium to light grey colour on fresh surface. Pervasively silicified. Located in Shields Creek at approximately the 215m elevation. Local outcrop of laminated black to light green/grey shale and siltstone.

horizon, which generally could be easily identified in the cutbanks of the road. Gold results for soil samples taken along road traverses are not anomalous (Appendix II).

Minor quartz veins were noted in the andesites (rock sample RR97001) but no indications of mineralization were noted.

No evidence for structures labeled F3, F4, or F5 (Figure 4.0) were observed on the ground. However, structure F4 coincides with a magnetic contact and probably represents a contact between volcanics and sediments. This contact was not observed to due a lack of outcrop in the area. The radiometric anomalies R-5a and R-5b are a reflection of the exposure contrast between roads and forest cover.

Area of Interest A-10

The area of interest A-10 was evaluated primarily by prospecting up Needles Creek and moss mat sampling on Needles Creek at an interval of approximately 100m (samples RM97003 to RM97014; Figure 5.0). Float prospecting in the creeks provides an overview of the geology in the area. Of particular note on Needles Creek is the conspicuous absence of quartz float. Most of the boulders in Needles Creek were andesitic in composition: either pyroxene crystal andesites or feldspar-porphyritic andesites. Typically they are weakly propylitized, manifested by chloritization, carbonatization and fracture-controlled to patchy epidote. These andesitic boulders are commonly weakly to moderately magnetic. At a location approximately 250 metres from where Needles Creek crosses the road, there is a strongly altered shear zone in excess of 15 metres wide. The protolith appears to be a feldspar porphyritic andesite with about 1% disseminated pyrite. Three, 1 metre chip samples were taken across part of the zone (samples RR97003 to RR97005). The highest gold analysis was 40 ppb Au (sample RR97003). Approximately 650 metres up the creek, a 35 cm wide quartz and iron carbonate vein with 3 to 5 % disseminated pyrite and local patchy massive accumulations of pyrite was sampled (RR97006). This sample contained 140 ppb Au.

In the traverse up Needles Creek, no evidence of epithermal precious-metal bearing systems was observed. No intense clay altered material, other than the one shear zone, or silicified or quartz veined material was found.

Areas of Interest A-2, A-3

In areas of interest A-2 and A-3, the strong radiometric anomaly at R-3b is a result of exposed bedrock due to either a slide or a clear-cut or a combination of both. Outcrops in the vicinity of structure F2 are predominantly fine to medium grained diorites with minor iron oxide weathering and aphanitic felsic intrusions. Exposed bedrock in this area is barren of indications of epithermal mineralization.

A traverse along the southeast tributary of the headwaters of Riley Creek did not turn up any mineralization or alteration related to mineralization. Once again quartz vein material is conspicuously absent. Limited outcrops along the creek are typically fine to medium grained diorites, and minor feldspar-porphyritic intrusions. No suggestion of a structure was observed along this traverse. The structure which is interpreted to run parallel to this creek may be simply a physiographic feature.

Area of Interest A-7

The area of interest anomaly A-7 was not adequately addressed during this sampling program due to heavy snow conditions existing at that elevation at the time. One traverse was made to about the 1200 foot elevation along a decommissioned road where till and float in creeks were investigated. A boulder in Shields Creek (sample RR97008) was of strongly altered quartz diorite with 30% disseminated pyrite and pervasive silicification. The A-7 anomaly suggests the possibility for skarn mineralization because of the magnetic feature coincident with an intrusive/calcareous siltstone contact. However, no evidence of skarn mineralization was found in the creeks. This area was not adequately tested and should be revisited in good summer conditions.

Area of Interest A-6

The area of interest A-6 was investigated by prospecting and traversing the northwest trending drainage that parallels the radiometric and electromagnetic anomaly (see Figure 4.0). The radiometric anomaly is due to a large area of exposure resulting from what amounts to a clear-cut but is actually an area of total blowdown due to an unusually strong wind storm. The electromagnetic anomalies are due to argillaceous shales and mudstones exposed in the creek valley. These are typically pyritic and quite possibly have a graphitic component. The only other rock types observed in this valley are outcrops of diorite to quartz diorite. One moss mat sample was taken in the lower reaches of the creek valley (sample RM97020). The rest of the creek valley was pretty much scoured of vegetation due to catastrophic mudslides. No quartz float or mineralized rock was observed in this drainage.

9.0 RECOMMENDATIONS

The geochemical sampling and prospecting exploration program conducted in March 1997 provided preliminary coverage of the Riley Creek claim block. The results of this program should be integrated with the geological information and the airborne geophysical survey interpretation to further refine principal exploration targets.

10.0 STATEMENT OF COSTS

1997 GEOCHEMICAL SAMPLING AND PROSPECTING PROGRAM

Labour			
B. Augsten (10 man days @ $350.00 / day)		$ 3,500.00	
H. Klassen (10 man days @ $250.00 / day)		$ 2,500.00	
	Subtotal		$ 6,000.00
Report Preparation			
2 man days @ $350.00 / day		$ 700.00	
4 man days @ $250.00 / day		$ 1,000.00	
			$ 1,700.00
Travel			
Two return airfares from Castlegar to Sandspit, B.C.			$ 2,500.00
Analysis			
55 samples @ $25.00 / analysis			$ 1,375.00
Truck and Fuel			
9 days @ $100.00 / day			$ 900.00
Room and Board			
9 days @ $170.00 / day			$ 1,530.00
Consumables			
Sample bags, hip-chain thread, flagging, etc.			$ 100.00
EXPENDITURES 1997 GEOCHEMICAL SAMPLING AND PROSPECTING PROGRAM			**$14,105.00**

11.0 REFERENCES

Brommeland, L.K. and Rebagliati, C.M, 1995 Airborne Geophysical Survey Assessment Report. A report prepared for Romulus Resources Ltd., August, 1995.

Forgarassy, J.A.S. and Barnes, W.C., Stratigraphy and diagenesis of the middle to Upper Cretaceous Queen Charlotte Group, Queen Charlotte Islands, British Columbia; *in* Evolution and Hydrocarbon Potential of the Queen Charlotte Basin, British Columbia, GSC Paper 90-10, pp. 279-294, 1991.

Haggart, J.W., A synthesis of Cretaceous stratigraphy, Queen Charlotte Islands, British Columbia; *in* Evolution and Hydrocarbon Potential of the Queen Charlotte Basin, British Columbia, GSC Paper 90-10, pp. 253-277, 1991.

Hickson, C.J., The Masset Formation on Graham Island, Queen Charlotte Islands, British Columbia; *in* Evolution and Hydrocarbon Potential of the Queen Charlotte Basin, British Columbia, GSC Paper 90-10, pp. 305-324, 1991.

Indrelid, J., Hesthammer, J., and Ross, J.V., Structural geology and stratigraphy of Mesozoic rocks of central Graham Island, Queen Charlotte Islands, British Columbia; *in* Evolution and Hydrocarbon Potential of the Queen Charlotte Basin, British Columbia, GSC Paper 90-10, pp. 51-58, 1991.

Pezzot, E.T., Interpretation Report on an Airborne Magnetometer, Electromagnetometer and Radiometric Survey, on the Riley Creek - Rennell Sound Claim Block. A Report prepared for Misty Mountain Gold Limited by SJ Geophysics Ltd./S.J.V. Consultants Ltd., February, 1997.

Rebagliati, C.M., Case, T., and DeLong, C., Harmony (Cinola) Property Assessment Report, 1995 Geochemical Exploration Program. A Report prepared for Romulus Resources Ltd., May 11, 1995.

12.0 STATEMENT OF QUALIFICATIONS

I, Tara Therese Case, of the City of Vancouver, Province of British Columbia, DO HEREBY CERTIFY THAT:

1. I am a Geologist employed by Misty Mountain Gold Limited at Suite 1020 - 800 West Pender Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia, with a Bachelor of Science in Geology, 1993.

3. I have practiced my profession continuously since graduation.

4. I am a registered Geoscientist in Training, in good standing, of the Association of Professional Engineers and Geoscientists of British Columbia.

5. I have reviewed the February 1997 interpretation of the airborne geophysical survey data and the results of the March 1997 geochemical sampling program.

Tara Case

Tara Therese Case

Dated at Vancouver, British Columbia, this 25th day of July, 1997.

APPENDIX I

MIN-EN LABS ANALYTICAL PROCEDURES

MINERAL
ENVIRONMENTS
LABORATORIES LTD.

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

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TELEPHONE (604) 327-3436
FAX (604) 327-3423

SMITHERS LAB:
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SMITHERS, B.C., CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Quality Assaying for over 25 Years

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK:
PROCEDURE FOR TRACE ELEMENT ICP

Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sn, Sr, Th, Ti, U, W, Zn.

0.50 grams for the sample pulp is digested for 2 hours with an 1:3:4 HNO_3:HCl:H_2O mixture. After cooling, the sample is diluted to standard volume.

The solutions are analyzed by computer operated Perkin Elmer Optima 3000, Inductiveiy Coupled Plasma Spectrophotometers.

MINERAL
•ENVIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

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TEL (604) 847-3004
FAX (604) 847-3005

PROCEDURE FOR Au GEOCHEM FIRE ASSAY

Samples are dried @ 65 C and when dry the Rock & Core samples are crushed on a jaw crusher. The 1/4 inch output of the jaw crusher is put through a secondary roll crusher to reduce it to 1/8 inch. The whole sample is then riffled on a Jones Riffle down to a statistically representative 300 gram sub-sample. This sub-sample is then pulverized on a ring pulverizer to 95% - 150 mesh, rolled and bagged for analysis. The remaining reject from the Jones Riffle is bagged and stored.

Soil and stream sediment samples are screened to - 80 mesh for analysis.

The samples are fluxed, a silver inquart added and mixed. The assays are fused in batches of 24 assays along with a natural standard and a blank. This batch of 26 assays is carried through the whole procedure as a set. After cupellation the precious metal beads are transferred into new glassware, dissolved with aqua regia solution, diluted to volume and mixed.

These resulting solutions are analyzed on an atomic absorption spectrometer using a suitable standard set. The natural standard fused along with this set must be within 2 standard deviations of its known or the whole set is re-assayed.

10% of all assay per page are rechecked, then reported in PPB. The detection limit is 1 PPB.

APPENDIX II

MIN-EN LABS TRACE ELEMENT ICP
and Au GEOCHEM FIRE ASSAY REPORT CERTIFICATES

SOIL SAMPLES

COMP: MISTY MOUNTAIN GOLD LTD
PROJ: HARMONY
ATTN: RICHARD HASLINGER

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7V-0202-SJ1+2
DATE: 97/04/10
* * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
RS97001	1.1	6.10	30	36	1.2	18	.59	.1	13	11	26	3.25	1	.04	13	.78	286	8	.02	7	620	110	82	1	103	1	.16	1	93.4	4	57	2
RS97002	.9	3.00	9	28	1.4	11	.28	.1	10	7	29	4.61	1	.04	9	.80	301	4	.03	5	630	202	33	1	41	1	.12	1	192.0	3	52	3
RS97003	.6	3.00	3	40	1.8	1	.22	.1	10	3	12	5.44	1	.04	17	.90	270	7	.02	3	400	50	33	1	24	1	.05	1	155.6	2	49	1
RS97004	.2	1.31	26	20	.4	9	.14	.1	2	18	17	1.12	1	.03	1	.12	30	2	.03	4	520	120	17	1	16	1	.06	1	62.0	2	33	10
RS97005	1.3	1.29	9	13	.3	35	.15	.1	6	41	11	.95	1	.02	1	.21	90	2	.02	6	300	29	17	1	13	1	.26	1	87.7	4	16	4
RS97006	1.0	4.76	37	32	.8	24	.09	.1	7	25	101	2.05	1	.02	10	.49	151	8	.02	7	410	52	64	1	28	1	.16	1	123.6	4	60	4
RS97007	.7	4.25	35	49	1.5	9	.07	.1	11	6	36	5.48	1	.04	19	.63	223	10	.01	9	610	50	55	1	28	3	.07	1	111.7	3	106	2
RS97008	1.2	3.39	22	34	2.9	21	.05	.1	13	11	32	10.30	1	.03	13	.38	162	10	.01	4	390	40	41	1	15	18	.12	1	235.4	5	55	2
RS97009	.7	1.23	17	16	1.9	12	.11	.1	5	14	17	5.78	5	.02	3	.05	15	5	.03	3	790	24	15	1	17	10	.05	1	169.7	3	19	7
RS97010	.6	1.49	18	23	.6	14	.07	.1	3	16	22	2.28	4	.03	4	.07	15	3	.03	3	520	29	18	1	20	3	.08	1	102.7	2	32	8
RS97011	.4	1.75	16	17	.3	9	.06	.1	1	18	34	.50	1	.02	5	.04	14	3	.02	2	410	20	24	1	15	1	.04	1	45.6	2	15	7
RS97012	3.2	3.02	34	11	1.1	77	.17	.1	15	58	41	4.04	6	.01	8	.34	135	6	.02	8	320	33	42	1	23	6	.56	1	225.5	9	23	4
RS97013	3.0	1.40	20	13	.6	75	.26	.1	10	33	24	2.34	17	.02	3	.11	121	3	.02	4	320	24	19	1	35	5	.53	1	188.8	6	16	7
RS97014	3.7	.98	15	11	.2	89	.16	.1	11	47	26	.71	16	.02	1	.10	177	2	.04	4	240	21	14	1	13	3	.66	1	160.5	7	19	4
RS97015	2.0	1.07	12	17	.2	50	.08	.1	5	22	15	.48	12	.02	1	.05	48	2	.02	2	300	22	15	1	14	1	.35	1	75.2	3	11	5
RS97016	.6	1.05	17	12	.2	19	.07	.1	2	26	65	.47	5	.02	1	.03	26	2	.02	3	760	42	15	1	14	1	.11	1	45.9	2	43	7
RS97017	1.8	1.97	13	15	.6	49	.30	.1	9	31	44	1.80	1	.02	2	.32	101	2	.02	7	440	30	27	1	32	1	.37	1	143.5	5	28	8
RS97018	.8	.87	12	17	.2	26	.08	.1	3	14	23	.57	5	.02	1	.05	21	2	.02	2	370	18	12	1	14	1	.17	1	74.3	2	12	4
RS97019	.2	1.06	7	12	.1	14	.07	.1	2	27	25	.24	1	.02	1	.06	22	1	.02	3	590	18	12	1	16	1	.10	1	46.5	2	17	5
RS97020	1.2	.58	12	6	.3	26	.06	.1	4	20	10	.80	7	.02	1	.06	26	1	.01	3	110	10	21	1	11	2	.16	3	96.3	3	10	2
RS97021	1.3	.96	16	12	.3	35	.08	.1	4	15	25	1.18	10	.02	1	.05	24	2	.02	2	290	16	13	1	12	2	.23	1	98.0	3	14	3
RS97022	.8	.95	12	12	.2	20	.09	.1	3	31	25	.50	6	.02	1	.05	20	2	.02	3	550	26	14	1	14	1	.13	1	47.5	3	21	4
RS97023	.8	.97	17	11	.4	20	.10	.1	3	41	41	1.25	4	.02	1	.04	19	1	.02	3	650	27	12	1	12	2	.12	1	68.4	3	33	7
RS97024	1.8	5.62	47	10	3.3	35	.11	.1	20	120	63	11.35	1	.01	10	.31	212	10	.01	15	600	57	72	1	20	20	.20	1	236.0	11	34	5
RS97025	.5	1.05	16	15	.5	12	.22	.1	4	16	24	1.64	1	.04	1	.16	65	3	.03	6	1360	120	12	1	26	1	.09	1	61.7	3	20	5
RS97026	2.2	2.21	12	10	1.8	50	.20	.1	15	31	31	6.94	1	.02	5	.29	261	7	.01	6	350	36	26	1	23	9	.37	1	246.3	7	23	3
RS97027	1.2	4.20	22	18	1.3	28	.23	.1	13	52	91	4.47	1	.02	14	.72	148	7	.01	18	450	44	50	1	48	1	.22	1	140.6	6	38	4
RS97028	.5	3.10	14	27	1.3	7	.11	.1	9	19	25	4.89	1	.05	12	.69	156	7	.01	9	310	36	36	1	25	2	.08	1	200.5	5	34	2
RS97029	.7	1.93	1	15	.8	14	.21	.1	8	23	15	3.07	1	.04	6	.57	112	3	.01	10	360	28	17	1	31	1	.15	1	143.8	4	22	3
RS97030	1.5	2.87	1	19	1.5	25	.29	.1	23	33	35	5.80	1	.03	16	.94	455	6	.01	15	400	38	29	1	40	1	.26	1	198.0	6	57	3
RS97031	2.3	5.90	29	23	1.6	50	.21	.1	22	52	64	4.94	1	.02	17	.89	271	9	.01	19	470	62	73	1	42	1	.39	1	154.2	8	62	4
RS97032	.1	1.50	17	32	.2	4	.07	.1	1	9	3	.40	1	.04	4	.08	22	3	.01	2	590	16	17	1	16	1	.02	1	54.2	2	7	3
RS97033	.6	5.93	41	51	1.4	13	.14	.1	11	5	32	5.28	1	.02	18	.54	286	13	.01	12	580	56	75	1	31	4	.09	1	111.2	4	115	3
RS97034	.7	5.38	47	39	1.5	13	.02	.1	10	3	26	6.67	1	.03	22	.33	285	16	.01	7	510	53	69	1	20	8	.07	1	148.4	4	85	2
RS97035	.2	4.10	17	54	2.5	5	.01	.1	11	1	20	8.63	1	.03	15	.58	195	11	.01	4	480	44	44	1	21	7	.05	1	141.4	3	56	1
RS97036	.2	5.80	38	47	1.0	13	.07	.1	16	10	29	3.02	1	.03	21	.47	158	11	.01	9	920	53	74	1	40	1	.09	1	100.9	4	81	2
RS97037	.1	2.56	13	23	1.8	5	.04	.1	10	1	10	7.28	1	.02	7	.22	277	9	.01	2	720	26	25	1	17	8	.03	1	106.4	2	22	2
RS97038	.3	4.42	1	218	2.2	1	.38	.1	18	1	41	6.98	1	.08	12	1.28	422	7	.02	9	600	48	42	1	61	1	.09	1	133.3	2	117	3
RS97039	.6	5.11	27	33	1.7	16	.04	.1	11	1	30	6.73	1	.02	13	.45	233	10	.01	5	550	49	60	1	23	7	.11	1	136.2	3	49	3
RS97040	.7	6.49	46	37	1.6	22	.02	.1	14	1	32	6.21	1	.02	14	.46	198	11	.01	5	510	56	84	1	29	7	.14	1	150.4	4	55	3
RS97041	.5	7.19	39	51	2.0	19	.11	.1	16	2	35	7.34	1	.03	17	.65	345	12	.01	7	560	66	89	1	32	5	.13	1	174.6	5	55	1
RS97042	.4	7.31	42	35	1.4	19	.05	.1	13	2	26	5.19	1	.02	12	.60	326	10	.01	4	670	72	93	1	35	2	.15	1	100.3	3	47	2
RS97043	1.2	8.52	51	35	1.6	32	.03	.1	15	1	37	6.02	1	.02	14	.54	310	12	.01	5	620	76	111	1	33	6	.21	1	127.4	5	52	4
RS97044	.9	8.16	65	32	.9	31	.03	.1	9	8	31	2.86	1	.01	16	.37	137	10	.01	5	640	73	112	1	35	2	.18	1	112.6	5	45	3
RS97045	1.5	8.02	55	40	1.6	36	.04	.1	18	2	46	5.55	1	.02	15	.53	308	11	.01	4	630	78	106	1	34	7	.23	1	122.9	5	57	1
RS97046	1.6	7.52	49	38	1.6	37	.04	.1	16	1	37	6.19	1	.02	13	.58	314	11	.01	6	610	71	98	1	33	6	.25	1	137.4	5	48	1
RS97047	1.5	8.26	50	28	1.7	49	.03	.1	12	5	28	6.30	1	.01	9	.42	209	11	.01	3	590	68	106	1	32	8	.30	1	117.7	5	32	3
RS97048	.5	7.71	45	25	1.6	29	.02	.1	10	5	28	6.55	1	.01	11	.35	147	11	.01	3	530	71	98	1	29	7	.18	1	123.0	5	31	2

SOIL SAMPLES

COMP: MISTY MOUNTAIN GOLD LTD
PROJ: HARMONY
ATTN: RICHARD HASLINGER

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7V-0202-SJ3
DATE: 97/04/10
* * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
RS97049	1.1	6.63	43	42	2.2	26	.02	.1	15	3	33	6.21	1	.02	12	.58	309	11	.01	6	650	67	89	1	31	7	.16	2	135.3	4	54	1
RS97050	.5	5.04	30	29	2.2	16	.02	.1	10	1	23	6.78	1	.02	16	.43	133	9	.01	4	490	56	66	1	22	8	.10	3	133.9	4	39	1
RS97051	1.3	6.84	49	27	2.4	28	.01	.1	15	1	29	7.25	1	.02	15	.36	281	11	.01	4	540	66	93	1	26	12	.16	4	161.1	5	45	1
RS97052	.3	3.63	11	30	2.4	8	.06	.1	13	1	13	7.46	1	.03	21	.56	563	9	.01	3	540	46	43	1	24	8	.06	4	135.2	3	50	5
RS97053	.4	4.17	4	22	5.2	12	.13	.1	18	1	16	>15.00	1	.01	3	.33	414	14	.01	1	630	40	41	1	29	33	.05	5	135.6	1	31	10
RS97054	.1	7.20	27	32	1.2	17	.06	.1	18	5	18	3.49	1	.02	18	.44	955	10	.01	8	880	69	99	1	40	1	.11	6	81.0	4	64	3
RS97055	.1	5.90	28	26	2.2	18	.04	.1	10	1	24	6.13	1	.01	10	.34	209	9	.01	4	550	54	75	1	24	6	.12	6	111.7	4	42	4
RS97056	.1	6.15	29	35	2.3	13	.02	.1	12	1	35	7.30	1	.02	13	.33	177	11	.01	5	500	57	77	1	21	6	.08	7	154.4	4	56	2
RS97057	.1	3.83	1	24	2.9	2	.03	.1	16	1	16	10.52	1	.02	11	.98	366	8	.01	1	580	46	38	1	15	9	.07	8	210.5	3	51	1
RS97058	.9	8.00	37	33	1.5	37	.18	.1	15	2	27	5.65	1	.01	12	.74	353	9	.01	4	630	78	101	1	63	1	.28	9	116.7	4	54	1
RS97059	.6	8.41	36	29	1.4	38	.08	.1	15	1	34	5.67	1	.01	9	.66	277	10	.01	3	640	71	106	1	41	1	.29	9	136.6	4	40	3
RS97060	.1	6.49	31	25	1.1	21	.07	.1	14	4	18	3.43	1	.01	12	.33	119	10	.01	3	550	57	86	1	39	1	.14	10	153.6	4	46	2
RS97061	.4	7.55	18	43	1.5	27	.07	.1	17	1	39	5.36	1	.02	11	.86	327	7	.01	4	580	71	94	1	42	1	.23	11	139.7	4	52	1
RS97062	.3	8.98	30	27	2.1	44	.05	.1	16	5	46	6.77	1	.01	8	.59	341	10	.01	6	640	75	112	1	34	2	.33	11	173.7	5	46	3
RS97063	.4	7.61	20	54	1.8	36	.04	.1	18	1	58	6.18	1	.01	13	.82	436	8	.01	5	510	70	91	1	31	1	.31	12	151.7	4	62	1
RS97064	1.3	7.15	37	22	2.4	51	.03	.1	16	1	40	8.19	1	.01	10	.42	237	11	.01	2	580	68	89	1	25	13	.36	13	162.2	5	37	1

COMP: MISTY MOUNTAIN GOLD LTD
PROJ: HARMONY
ATTN: RICHARD HASLINGER

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7V-0204-BJ1
DATE: 97/04/10
* * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
RM97001	.5	2.49	1	27	1.2	8	.37	.1	21	21	32	4.37	1	.03	5	.79	1045	5	.01	13	550	38	26	1	40	1	.11	1	125.9	3	49	15
RM97002	.9	3.26	1	54	1.3	14	1.42	.1	24	13	108	3.69	1	.05	7	1.04	1260	3	.03	15	800	40	33	1	95	1	.18	1	110.0	3	57	9
RM97003	.6	3.12	1	58	1.2	10	1.32	.1	18	7	79	3.68	1	.05	8	.94	1015	3	.03	8	700	39	32	1	86	1	.14	1	99.0	2	62	6
RM97004	.2	2.89	1	87	1.2	1	1.47	.1	15	8	52	3.29	1	.10	3	1.01	1217	3	.02	7	610	38	28	1	83	1	.05	1	72.6	1	48	10
RM97005	.1	2.00	1	26	1.8	9	.38	.1	16	4	40	5.86	1	.06	1	.34	1094	5	.02	6	740	27	20	1	37	6	.08	1	151.4	3	38	7
RM97006	.6	3.65	1	63	1.5	4	1.58	.1	20	1	32	4.49	1	.07	11	1.24	1402	4	.05	5	890	50	37	1	113	1	.13	1	105.4	2	69	5
RM97007	.1	1.78	52	147	1.5	1	.69	.1	17	2	39	5.13	1	.05	9	.73	761	4	.02	6	830	27	15	1	76	1	.03	1	107.4	2	81	83
RM97008	.1	1.70	48	143	1.4	1	.74	.1	16	1	37	4.64	1	.05	9	.71	749	3	.02	6	740	27	15	1	79	1	.02	1	91.2	1	68	28
RM97009	.1	1.70	42	144	1.3	1	.53	.1	15	1	35	4.33	1	.05	9	.66	711	3	.02	4	720	28	16	1	76	1	.02	1	80.3	1	65	17
RM97010	.1	1.84	51	136	1.4	1	.62	.1	16	1	36	4.10	1	.07	9	.66	916	4	.02	6	760	31	18	1	90	1	.01	1	69.5	1	63	8
RM97011	.1	1.79	44	141	1.4	1	.67	.1	16	1	36	4.46	1	.06	10	.68	767	4	.02	6	740	27	15	1	86	1	.02	1	85.8	1	67	15
RM97012	.1	1.84	40	143	1.5	1	.69	.1	16	1	37	4.58	1	.06	11	.70	756	3	.02	6	790	29	17	1	87	1	.02	1	83.0	1	69	8
RM97013	.1	1.71	53	162	1.4	1	.35	.1	15	3	36	4.81	1	.06	9	.64	587	4	.02	6	760	26	16	1	78	1	.03	1	106.4	2	68	11
RM97014	.1	1.70	64	132	1.5	1	.65	.1	17	2	38	5.08	1	.05	10	.68	704	3	.02	5	820	27	15	1	76	1	.02	1	103.4	1	71	88
RM97015	.2	2.66	3	60	1.4	1	1.14	.1	15	5	32	3.93	1	.08	27	.92	707	3	.02	7	770	38	26	1	76	1	.07	1	63.5	1	65	4
RM97016	.1	2.27	31	67	1.2	1	.99	.1	15	1	33	3.48	1	.05	14	.97	1447	2	.01	6	960	37	20	1	66	1	.02	1	73.0	1	51	10
RM97017	.1	2.33	1	80	1.4	1	.86	.1	16	4	32	4.12	1	.07	25	.86	827	3	.01	9	760	35	21	1	75	1	.04	1	71.3	1	73	1
RM97018	.1	2.38	1	87	1.3	1	.83	.1	15	4	32	4.11	1	.06	26	.88	750	3	.01	9	730	34	22	1	75	1	.04	1	66.5	1	69	7
RM97019	.1	2.47	1	79	1.4	1	.80	.1	15	5	30	4.29	1	.06	30	.87	643	3	.01	9	690	31	24	1	75	1	.03	1	65.7	1	75	2
RM97020	.1	2.25	35	67	1.3	1	.79	.1	15	1	29	3.84	1	.05	12	.95	777	3	.02	5	820	32	21	1	57	1	.06	1	69.8	1	59	6

ROCK SAMPLES

Pg 1 of 1

COMP: MISTY MOUNTAIN GOLD LTD
PROJ: HARMONY
ATTN: RICHARD HASLINGER

MIN-EN LABS — ICP REPORT

8282 SHERBROOKE ST., VANCOUVER, B.C. V5X 4E8
TEL:(604)327-3436 FAX:(604)327-3423

FILE NO: 7V-0201-RJ1
DATE: 97/04/03
* * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	GA PPM	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SN PPM	SR PPM	TH PPM	TI %	U PPM	V PPM	W PPM	ZN PPM	Au-fire PPB
RR97001	.3	.35	1	3	.2	1	.25	.1	2	194	20	.69	1	.01	1	.23	77	1	.01	7	40	5	3	1	25	1	.01	9	9.2	10	5	1
RR97002	.7	1.03	1	12	1.8	1	3.22	.1	24	2	31	6.39	1	.01	5	1.51	2180	1	.01	7	750	31	1	1	96	1	.01	10	121.9	1	64	3
RR97003	.1	.63	138	64	.8	1	1.33	.1	8	13	16	2.41	1	.08	8	.36	1253	1	.02	5	570	14	11	1	51	2	.01	11	13.8	1	49	40
RR97004	.1	.74	81	103	.9	3	.45	.1	11	1	16	2.78	1	.07	10	.15	1197	2	.02	5	470	18	17	1	34	5	.01	12	16.7	1	46	11
RR97005	.1	.76	18	86	.9	1	.40	.1	10	3	14	2.84	1	.08	13	.17	1243	1	.02	5	430	18	21	1	34	5	.01	13	15.0	1	51	5
RR97006	1.1	.59	77	38	1.5	1	5.28	.1	17	22	29	6.14	1	.06	6	1.22	1065	4	.01	5	450	26	12	1	87	1	.01	14	27.5	1	41	140
RR97007	.1	.39	1	49	.7	1	1.56	.1	9	12	13	2.57	1	.10	4	.37	871	1	.03	3	550	13	2	1	105	2	.01	15	24.9	1	53	1
RR97008	.6	.66	18	27	.4	18	.40	.1	4	74	29	1.64	1	.08	4	.15	121	4	.06	2	580	17	9	1	12	3	.11	16	29.8	5	24	1

DUPLICATE

AIRBORNE GEOPHYSICAL SURVEY TECHNICAL SUMMARY

Flown by: DIGHEM

Navigation: Sercel real time differential GPS positioning

Terrain clearance: Helicopter, Spectrometer – 60 m
Electromagnetic sensor – 30 m
Magnetometer – 40 m

Data sampling interval: 0.1 second

Magnetometer / sensitivity: Scintrex cesium / 0.01 nT

Spectrometer: GR820

Electromagnetometer system: DIGHEM

Frequency	Sensitivity	Coil Orientation
900 Hz	0.1 ppm	Vertical coaxial
5500 Hz	0.2 ppm	Vertical coaxial
900 Hz	0.1 ppm	Horizontal coplanar
7200 Hz	0.2 ppm	Horizontal coplanar
56000 Hz	0.5 ppm	Horizontal coplanar

UTM: Zone 8

MAP LEGEND

- Coastline, stream
- Elevation contour (100 ft. interval)
- Elevation contour (500 ft. interval)
- Road
- Claim border (approximate)

MISTY MOUNTAIN GOLD LTD.

RILEY CREEK – RENNELL SOUND BLOCK

Topographic Contours (feet)

Compilation and Interpretation Map

SKEENA MINING DIVISION, B.C. NTS: 103F/7,8

5.00 0 5.00 1.000 1.500

SCALE IN METRES

S.J.V. Consultants Ltd.

FIGURE 4.0

February, 1997

GEOPHYSICAL LEGEND

- F1 — Interpreted fault
- EM Conductor
  - Poor : IP << Q
  - Moderate : IP = Q
  - Good : IP >> Q
- R–1 — Radiometric high trend
- σ1 — Calculated resistivity low area
- A–1 — Area of Interest

Gospel Gold 1
331302

MMG 3
325650

MMG 0
325788

MMG 4
325651

MMG 5
325652

MMG 6
325653

MMG 7
325655

MMG 8
325654

MMG 9
325656

MMG 10
325657

MMG 11
325659

MMG 12
325660

MMG 14
325785

MMG 15
325790

MMG 16
325791

SHI-1
335719

SHI-2
335720

SHI-3
335721

666000 mE
667000 mE
668000 mE
669000 mE
670000 mE
671000 mE
672000 mE
673000 mE
674000 mE
675000 mE
676000 mE
677000 mE

5917000 mN
5916000 mN
5915000 mN
5914000 mN
5913000 mN
5912000 mN
5911000 mN
5910000 mN

RR97004 RM97009 RR97005 RR97003 RM97012 RM97008 RM97007 RM97013 RM97010 RM97011 RM97014

RM97003 RM97004 RM97002

RS97025 RS97022 RS97027 RS97023 RR97001 RS97021 RS97024 RS97029 RS97028 RM97001 RS97045 RS97046 RS97019 RS97044 RS97047 RS97034 RS97001 RS97043 RS97020 RS97026 RS97030 RS97002 RS97042 RS97014 RS97012 RS97004 RS97041 RS97018 RS97010 RS97048 RS97040 RS97017 RS97005 RS97003 RS97049 RS97050 RS97062 RS97016 RS97013 RS97009 RS97039 RS97051 RS97061 RS97064 RS97015 RS97006 RS97038 RS97053 RS97011 RS97007 RS97037 RS97055 RS97063 RS97008 RS97035 RS97036 RS97057 RS97060 RS97033 RS97031 RS97054 RS97056 RS97058 RS97059 RS97052 RS97032 RR97002 RM97006

RM97020

RM97015 RM97016 RM97018 RR97006 RM97017 RM97019

RR97007

Richardson Head
Clonard Bay
Shields Rock
Dawson Head
Ells Rocks
Ells Bay
Clapp Islands
Mackenzie passage
Tunn Creek
Shields Cr
Shields Creek
Rockrun Cr
Rockrun Creek
Old Baldy
Mt Parrish
Graham Island
Queen Charlotte Islands
Demorgan

0 0.5 1 Kilometers

LEGEND
- Soil sample
- Stream moss mat sample
- Rock sample
- RS97047 Sample number

MISTY MOUNTAIN GOLD CORP.

Geochemistry
RILEY CREEK
Sample Numbers & Location

JULY 21, 1997 /Rey1.WOR SCALE 1:15 000 Figure 5.0

Gospel Gold 1
331302

MMG 3
325650

MMG 0
325788

MMG 4
325651

MMG 5
325652

MMG 6
325658

MMG 7
325655

MMG 14
325785

MMG 15
325790

MMG 16
325791

MMG 11
325659

MMG 8
325654

MMG 10
325657

MMG 9
325656

MMG 12
325660

SHI-1
335719

SHI-2
335720

SHI-3
335721

666000 mE
667000 mE
668000 mE
669000 mE
670000 mE
671000 mE
672000 mE
673000 mE
674000 mE
675000 mE
676000 mE
677000 mE

5917000 mN
5916000 mN
5915000 mN
5914000 mN
5913000 mN
5912000 mN
5911000 mN
5910000 mN

Riley Creek
Richardson Head
Clonard Bay
Shields Rock
Dawson Head
Ells Rocks
SHIELDS ISLAND
Ells Bay
Tyan Creek
Clapp Islands
Mackenzie passage
Shields Cr
Shields Creek
Rockrun Cr
Rockrun Creek
OLD BALDY
GRAHAM ISLAND
(QUEEN ISLANDS)
MT PARRISH
Demco Mz

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,087

0 0.5 1
Kilometers

LEGEND
- Soil sample
- Stream moss mat sample
- Rock sample
- 3 Gold assay value in parts per billion

MISTY MOUNTAIN GOLD CORP.

Geochemistry
RILEY CREEK
Gold (ppb)

JULY 21, 1997 rileygold.WOR SCALE 1:15 000 Figure 6.0