MAP NO.	ASSESSMENT REPORT	X	DOCUMENT NO.: 091966
	PROSPECTUS		MINING DISTRICT: Watson Lake
	CONFIDENTIAL	X	TYPE OF WORK: Diamond Drilling
105 B 4	OPEN FILE		

REPORT FILED UNDER: A.M.P. Exploration and Mining Co. Ltd.

DATE PERFORMED: July 1987 - September 1987 DATE FILED: Oct. 5, 1987

LOCATION: LAT.: 60°01'N AREA: Rancheria

LONG.: 131°36'W VALUE $: 5,600.00

CLAIM NAME & NO.: BARB 1-5; LOG 20, 22, 24, 26, 30, 45, 133, 1-2FR, 100-101FR

WORK DONE BY: D.C. MILLER

WORK DONE FOR: A.M.P. Exploration and Mining Co. Ltd.

DATE TO GOOD STANDING		REMARKS: #29 LOGJAM

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

Your file / Votre référence

Our file / Notre référence
340-13-3

12 November, 1987

DIRECTOR GENERAL, YUKON REGION

ATTENTION: REGIONAL MANAGER MINERAL RIGHTS

RESTRICTED

Enclosed are Diamond Drill Logs etc., submitted by A.M.P. Explorations & Mining Co. Ltd. for assessment on the BARB, LOG and 100Fr to 103Fr. mineral claims located on 105-B-04.

Drilling was as follows.

87-1	280 Ft.	100 Fr.	87-6	151 Ft.	100 Fr.
87-2	332 Ft.	100 Fr.	87-7	124 Ft.	100 Fr.
87-3	250 Ft.	100 Fr.	87-8	300 Ft.	100 Fr.
87-4	175 Ft.	100 Fr.	87-9	211 Ft.	BARB 5
87-5	150 Ft.	100 Fr.			

TOTAL 1,973 Feet

Assessment credit requested is $17,600.00. The drill core is stored at the property on BARB 14 mineral claim..

Yours truly,

Patti L. McLeod
Mining Recorder
Watson Lake Mining District
P. O. Box 269
Watson Lake, Yukon
YOA 1CO

cc: Regional Manager, Geological Services
encl.(s)

njm

Canada

091966

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-1

091966

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS	LOCATION SKETCH OF HOLE
AMP LOGJAM	5150 L. No. 6 VEIN DR.W.	309°	July 1/87		
PROJECT	LOT & CONC.	DIP +3°	DATE COMPLETED July 15/87		
CLAIM NO. FR. 100,	CO-ORDINATES. 9320 N	LENGTH 280 FT.	DRILLED BY A.M.P.		
~~GRID NO.~~ BARB 5	9637 E	COLLAR ELEV.	LOGGED BY D C MILLER		

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION AQ CORE
0	3.3		DIORITE HYBRID Dark grey, fine grained broken core with 5% light colored diorite veinlets and blobs to 2 in. cutting the core at various angles, 99% recovery.
3.3	5.8		DIORITE DYKE Light grey matrix with 30% dark f-m.g subhedral hornblende; matrix mainly anhedral white feldspar with some interstitial fine grey quartz; contains 10% diorite hybrid as remnant breccia fragments; contains about 2% fine disseminated pyrrhotite.
5.8	45.4		DIORITE HYBRID Med. to light grey green, f.g., contains 1/2 to 3% f.g. disseminated pyrrhotite with rare grains of galena, sphalerite and chalcopyrite; minor pyrrhotite/pyrite veinlets to 1/4"; about 1% fine white quartz veinlets at various angles; 95% recovery. (23.00 – 24.20) Pale grey aplite vein @ 20°. (32.00 – 45.40) 5-10% f.g brown, secondary biotite
45.4	46.0		SKARN Limestone and fine brown garnet xenolith, no sulphides.
46.0	63.7		DIORITE HYBRID As (5.80 – 45.40) less than 1% pyrrhotite as fine disseminations and associated with 1% fine white quartz veinlets (to 1/2 in width) at various angles; 99% core recovery

SAMPLE NO.	FROM	TO	LENGTH

ASSAYS

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 82-1

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS Au oz/T	Ag oz/T	Pb %	Zn %
46.0	63.7		DIORITE HYBRID (CONT'D) (61.40 - 62.20) - white quartz vein @ 20° with less than 1% pyrrhotite.								
63.7	92.6		DIORITE Dark to med. grey f.g aggregate of anhedral mafics and white feldspar; about 40% mafics; some brown secondary biotite; less than ½% pyrrhotite associated with very fine (less than 1/8 in) quartz veins at various angles; 10% inclusions of hybrid rock at (90.00 - 92.60).								
92.6	95.0		VEIN ZONE Altered diorite, quartz and calcite with fine galena, sphalerite, arsenopyrite and traces of chalcopyrite; good core, 99% recovery; weak 70-80° banding. (92.60 - 92.90) and (94.20 - 95.00) - altered diorite with only traces of mineralization.	34646	92.60	95.00	2.40	0.027	4.00	0.22	0.75
95.0	141.0		DIORITE As (62.00 - 92.60), minor (10%) very fine grained sections; average about 1 quartz vein / ft. mainly less than 1 in. but occasionally to 1 in; minor f.g pyrrhotite - pyrite associated with quartz veins and also minor disseminated sulphides with fine-grained sections particularly at (115.70 - 116.50); excellent core in 2 ft pieces; non-magnetic except mar pyrrhotite; core breaks mainly at 60 - 80°.								
141.0	182.0		DIORITE Similar to preceding but with an increased number of fine bleached mineralized (pyrite-pyrrhotite) fractures at 50 - 80°; grain size of diorite is generally finer. (141.5 - 142.5) - About 1 mineralized fracture/inch. (169.0 - 171.0) - core more broken into pieces less than 6 inches.								

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-1

SHEET 3 OF 3

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS oz/t Au	ASSAYS oz/t Ag	ASSAYS % Pb	ASSAYS % Zn
1800	1885		DIORITE Lighter colored than previously and contains more than one mineralized fracture /inch; f.g to V.f.g ..; mineralization is pyrite and pyrrhotite with traces of sphalerite along a branching network of fine (less than 1/8 in) fractures; broken core at 187.00-188.50; 90% recovery.	34647	187.00	188.50	1.50	0.004	0.07	0.10	0.02
1885	2510		DIORITE Uniform med. to dark grey aggregate of anhedral mafics and white feldspar, f.g, about 40% mafics, —, some secondary brown biotite, other mafics are partly chloritized; cut by occasional quartz veinlet ranging up to 1/2 in mainly at 50-70°, less than 1/ft.; rare pyrrhotite associated with quartz veining; good core; 95% recovery. (215.0-219.0) Broken & ground core.								
2510	2620		MINERALIZED DIORITE Med. to dark grey, f.g. to aphanitic, cut by a network of fine fractures carrying pyrite-pyrrhotite mineralization and traces of sphalerite; about 2% sulphides; broken core at (251.0-258.0) with 80% recovery, otherwise 95% recovery; soft and graphitic at (251.0-256.0), fair sphalerite and galena at (256.0-259.0).	34648 34649 34650	251.00 256.00 259.00	256.00 259.00 261.50	5.00 3.00 2.50	0.003 0.002 0.002	0.10 0.77 0.43	0.02 0.28 0.21	0.03 0.09 0.04
2620	2800		DIORITE As (188.50-251.00), good core, 95% recovery.								
			END OF HOLE								

0961

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-2

SHEET 1 OF 2

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED
LOGJAM	5150 L. No 6 VEIN DR. W	308°	JULY 15/87
PROJECT	LOT & CONC.	DIP	DATE COMPLETED
		+44°	AUG. 2/87
CLAIM NO.	CO-ORDINATES.	LENGTH	DRILLED BY
FR. 100, BARB 5	9320 N	332	AMP EXPLORATIONS
GRID NO.	9637 E	COLLAR ELEV.	LOGGED BY
			D.C. MILLER

CORRECTED DIP TESTS

LOCATION SKETCH OF HOLE

09190

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION AQ CORE
0	3.0		DIORITE HYBRID Med. grey, v.f.g. to aphanitic, broken core in pieces less than 3 in.; cut by several fine fractures, about 1/in carrying pyrrhotite, minor pyrite and traces of sphalerite; 80% recovery; approx 3% sulphides.
3.0	5.4		DIORITE Dark grey, f.g, anhedral feldspar and matics, less than ½% pyrrhotite; good core.
5.4	85.0		DIORITE HYBRID Dark to med. grey and grey green; f.g, local m.g. brown secondary biotite; about 1% f.g. pyrrhotite and rare pyrite as disseminations and associated with fine fractures commonly healed with quartz; good core but tends to be broken along fracture planes. (29.0 - 30.0) - Minor sphalerite and galena associated with quartz healed fractures at 30°. (53.0 - 55.0) - 5% sphalerite & galena associated with quartz veining at ~~30°~~ (70°). (50.0 - 50.7), (56.4 - 57.1) Limy with some garnet. (66.0 - 69.5) Broken core associated with a network of fine fractures, minor sphalerite and pyrrhotite. (76.8 - 77.3), (84.4 - 84.8) Limy inclusions, minor garnet.

SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/t Au	o/t Ag	% Pb	% Zn
34651	53.0	55.0	2.0	0.003	0.27	0.57	0.34

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-2

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS oz/TAu	oz/TAg	%Pb	%Zn
85.0	279.3		DIORITE Med. to dark grey, f.g., anhedral feldspars and mafics; about 45% mafics - some brown secondary biotite; cut by fine quartz veinlets ranging up to ¼ in. but generally finer; very rare fine pyrrhotite associated with fractures; generally good core. (95.0 - 101.0) Broken core associated with limy inclusions, minor garnet. (128.0 - 128.2) - calcite vein with diorite breccia fragments. (146.0 - 147.0) Fine grained, siliceous with heavy fine pyrrhotite & minor pyrite. (187.0 - 192.5) Very fine grained with 1% v.f.g pyrrhotite. (209.0 - 249.5) Variable grain size, v.f.g. to aphanitic mainly dark grey. (249.5 - 255.0) - Increase in number of fine fractures mineralized with fine pyrrhotite to about one / ft. (255.0 - 256.0) - Siliceous with minor pyrrhotite and very minor (1%) sphalerite (256.0 - 277.5) - Numerous fine mineralized fractures mainly about 45° (pyrrhotite). Alteration around fractures bleaches diorite to pale green grey and texture is masked. (277.5 - 279.3) Calcite - pyrrhotite vein with about 1% sphalerite; 95% recovery.	34652	277.0	280.0	3.0	0.006	0.50	0.02	0.18
279.3	332		DIORITE HYBRID Similar to (256.0 - 277.5) but includes some pale grey sections thought to represent altered inclusions; numerous fine mineralized fractures at 0 - 70° with pyrrhotite and minor sphalerite and galena; 95% recovery. (312.0 - 313.5) - Sheared and graphitic (313.5 - 314.0) - Massive pyrrhotite - sphalerite - quartz. (314.0 - 315.0) - Disseminated pyrrhotite	34653 34654 34655	312.0 313.0 314.0	313.0 314.0 315.0	1.0 1.0 1.0	0.008 0.063 0.005	0.04 7.47 0.54	0.01 1.54 0.04	0.02 2.05 0.03
END OF HOLE											

96160

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-3

SHEET 1 OF 2

PROPERTY A.M.P. LOGJAM	TP OR AREA 5150L No 6 VEIN DR.W.	AZIMUTH 142°	DATE STARTED AUG. 3/87	CORRECTED DIP TESTS
PROJECT	LOT & CONC.	DIP +5°	DATE COMPLETED AUG. 9/87	
CLAIM NO. FR.100, BARB 3	CO-ORDINATES. 9311N	LENGTH 250 FT	DRILLED BY A.M.P.	
GRID NO.	9650E	COLLAR ELEV.	LOGGED BY D.C. MILLER	

LOCATION SKETCH OF HOLE 96160

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
0	59.0		DIORITE Med. grey to grey green, f. to m. g. with variable grain size, anhedral crystals of feldspar and matics with prominent brown biotite; approx. 40% matics; good core cut by fine quartz-sulphide ~~fra~~ healed fractures, about 1/16 in; sulphides - mainly pyrrhotite with minor pyrite and rare sphalerite; fractures mainly @ 30-50°; some fractures contain calcite as well as quartz. (49.0 - 59.0) Becomes very f. grained.					
59.0	86.0		DIORITE HYBRID Mainly med. grey-green, v. f. grained with some inclusions of pre-intrusive rock; cut by several fine fractures healed by quartz-calcite sometimes carrying pyrrhotite; good core; very rare sphalerite also associated with quartz-calcite veining. (64.5 - 75.6) - Anhedral white feldspar in an aphanitic grey-green matrix. (75.6 - 77.9) - Limy with brown anhedral garnets (77.9 - 81.5) - Diorite.					
86.0	157.0		DIORITE As (0-59), minor hybrid sections; less than 1% sulphides - mainly pyrrhotite with traces of pyrite and chalcopyrite. (92.5 - 92.9) - Quartz-calcite vein zone @ 75° with pyrrhotite, pyrite and arsenopyrite. (105.5 - 105.7) - Inclusion with 50° fine banding. (109.4 - 110.0) - Brecciated inclusion. (128.2 - 131.7) - " " (136.5 - 137.0) - Limy with fine brown garnet.					

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-3

SHEET 2 OF 2

99160

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/t Au	o/t Ag	% Pb	% Zn
86.0	157.0		DIORITE (CONT'D) (141.3 – 142.1) – Quartz – calcite – pyrrhotite vein at 25° – carrys minor dark sphalerite and traces of chalcopyrite. (154.5 – 154.8) – Quartz – calcite vein @ 50° with pyrrhotite and minor dark sphalerite – traces of chalcopyrite.								
157.0	217.7		DIORITE HYBRID Similar to preceding but contains inclusions of altered pre-intrusive rock; 95% recovery except as noted below.					L = LESS THAN			
			(174.0 – 176.0) – Quartz – pyrrhotite – arsenopyrite – sphalerite veining at 40 – 70°; some brown sphalerite.	34656	173.0	174.0	1.0	L 0.002	0.08	0.02	0.02
				34657	174.0	175.0	1.0	0.062	7.46	2.55	2.58
				34658	175.0	176.0	1.0	0.005	2.94	0.34	0.20
			(176.0 – 179.0) Weak pyrrhotite – sphalerite mineralization with traces of chalcopyrite – associated with fractures and as dissseminations.	34659	176.0	179.0	3.0	0.002	1.44	0.12	0.12
				34660	182.5	183.0	0.5	0.002	0.14	0.02	0.08
			(183.0 – 183.5) – Quartz – pyrrhotite – sphalerite vein at 50°, also very fine arsenopyrite.	34661	183.0	184.0	1.0	0.028	1.97	0.28	2.15
				34662	184.0	185.0	1.0	L 0.002	0.09	0.02	0.03
			(183.5 – 185.0) – Weak disseminated pyrrhotite.								
			(174.0 – 185.0) Core tends to be broken with 85% recovery								
			(188.2 – 188.3) Fine 1/8" sphalerite vein @ 50°								
			(190.4 – 192.7) Vein zone with heavy pyrrhotite and minor sphalerite and galena; 95% core recovery; sulphides are banded with quartz and minor calcite at 70°. Note: As sections of this mineralization were sampled by a previous worker (Morris Martin) it was necessary to use the previously split core to obtain a complete sample, D.C.M.	34663	190.4	192.7	2.3	0.080	19.73	0.57	0.93
217.7	250.0		DIORITE Med. grey, uniform f.g. texture with fine mafics and felaspar; local vague banded structure at 70°; occasional fine quartz veinlet at 30 – 80°; minor pyrrhotite associated with some veinlets; excellent core in pieces to 2 ft.								
END OF HOLE											

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG

HOLE NO. 87-4

SHEET 1 OF 3

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED
LOGJAM	5150L 100 X-C.S.	175°	AUG. 12/87
PROJECT	LOT & CONC.	DIP	DATE COMPLETED
		-30°	AUG. 17/87
CLAIM NO.	CO-ORDINATES.	LENGTH	DRILLED BY
FR100, BARB-3	9424N	175 FT.	A.M.P.
GRID NO.	9672E	COLLAR ELEV.	LOGGED BY
			D.C. MILLER

CORRECTED DIP TESTS

LOCATION SKETCH OF HOLE

99160

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/T Au	o/T Ag	o/o Pb	o/o Zn
0	4.5		DIORITE HYBRID Variable pale grey to dark grey; consists of short alternating sections of diorite and altered (silicified) pre-intrusive rock representing inclusions within the diorite; contains less than 1% pyrrhotite as fine (less than 1/8 in.) veinlets @ 45-70° and as weak disseminations; traces of chalcopyrite good core, broken @ (0.0-0.5).								
4.5	40.0		DIORITE Dark grey; fine grained, anhedral aggregate of feldspar and matics; cut by occasional quartz veins up to 1/2 in. in width and at various angles; minor pyrrhotite associated with some veinlets and healing very fine fractures.								
			(3.0-8.0) Strong pyrrhotite with fair sphalerite and galena associated with quartz-calcite veining at 50°.	34664	7.0	8.0	1.0	0.002	2.50	6.60	2.33
40.0	116.0		DIORITE & HYBRID Similar to (0-4.5) cut by numerous quartz & quartz-calcite veins ranging from less than 1 in up to 3 in; some veins contain pyrrhotite in masses up to 1 in and also present as fine veinlets healing fractures. (40.0-40.1) pyrrhotite-quartz-calcite @ 70° (43.3-43.5) " " " @ 45°, traces of sphalerite (47.0-47.2) " " " @ 25° some sphalerite (56.9-57.0) pyrrhotite-pyrite-quartz-calcite vein @ 70° (74.1-74.5), (77.1-77.8) Pale grey granitic veining at 30-60°. (89.7-92.8) Numerous fine fractures healed by fine pyrrhotite-pyrite veinlets - about 2% sulphides.								

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG

HOLE NO. 824

096160

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/T Au	o/T Ag	% Pb	% Zn
40.0	116.0		DIORITE & HYBRID (CONT'D)								
			(92.8 – 93.0) – Pyrrhotite - pyrite - sphalerite - galena quartz-calcite vein @ 50°, broken core, 60% recovery.	34665	92.5	93.5	1.0	0.002	0.61	0.54	0.62
			(98.2 – 98.8) – 30% pyrrhotite associated with quartz and calcite, 30° trend.								
			(75.0 – 110.0) – Diorite sections may contain some med.-grained anhedral brown – black biotite								
			(110.0 – 116.0) – Contains numerous fine fractures with pyrrhotite and minor sphalerite.								
			(110.7 – 111.0) – Strong pyrrhotite and minor pyrite and sphalerite associated quartz-calcite.					L = LESS THAN			
116.0	119.0		VEIN ZONE Massive to disseminated pyrrhotite associated with quartz-calcite veins; fair sphalerite, minor galena pyrite and arsenopyrite; broken core in 1 in. pieces, 70% recovery.	34666	116.0	119.0	3.0	0.073	2.72	4.81	5.28
119.0	123.4		MINERALIZED DIORITE Dark grey, fine to med. grained, silicified and contains about 10% disseminated pyrrhotite with minor arsenopyrite; good core, @ 5% recovery.	34667	119.0	123.4	4.4	L0.002	0.73	0.08	0.04
123.4	126.6		VEIN ZONE Massive to disseminated pyrrhotite with lesser arsenopyrite, sphalerite and galena in a quartz-calcite matrix; good galena at (125.5-126.6); good core, 95% recovery.	34668	123.4	126.6	3.2	0.084	27.27	8.82	3.80
126.6	127.6		MINERALIZED DIORITE As (119.0 – 123.4), broken core @ (127.6 – 127.0), 90% recovery.	34669	126.6	127.6	1.0	0.014	1.09	0.25	0.08
127.6	175.0		DIORITE Similar to 40 – 116.0 but fewer inclusions; med grey-green with uneven sized anhedral biotite up to 1 in in a fine grained matrix of pale green altered feldspar; cut by occasional fine quartz-calcite pyrrhotite veinlets; good core.								

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-4

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
127.6	175		DIORITE (CONT'D)					
			(128.5 - 130.0) - Very fine grained with 2% pyrrhotite in hair fractures.					
END OF HOLE			(159.5 - 160.8) - Pale grey, weakly limy altered inclusion.					
			(160.8 - 167.8) - " " inclusion with 2% pyrrhotite in fine veinlets					
			(174.3 - 174.8) - Pale grey f.g. granitic dyke, sharp 80° contacts.					

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-5

SHEET 1 OF 2

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS
LOGJAM	5150 L 100 X-C S	175°	AUG. 17/87	
PROJECT	LOT & CONC.	DIP +28 1/2°	DATE COMPLETED AUG. 20/87	
CLAIM NO. FR. 100, BARB 3	CO-ORDINATES. 9424 N	LENGTH 150.	DRILLED BY A.M.P.	
GRID NO.	9672E	COLLAR ELEV.	LOGGED BY D.C. MILLER	

LOCATION SKETCH OF HOLE

9609

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION A.Q. CORE	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/T Au	o/T Ag	% Pb	% Zn
0	5.0		DIORITE HYBRID Pale green-grey tomed grey, v. f.g, siliceous, cut by numerous fine fractures healed by pyrrhotite and minor sphalerite. (0 - 1.4) Diorite (3.0 - 5.0) Intensely silicified with some galena and sphalerite; good core, 95% recovery.	34670	3.0	5.0	2.0	0.16	0.20	0.04	0.79
5.0	48.0		DIORITE med. to dark green-grey; consists f.g anhedral feldspar and mafics with some larger medium grained brown biotite; altered slightly greenish by weak propylitic alteration; cut by occasional pyrrhotite/quartz-calcite veinlets commonly less than 1/8 in thick; good core, 90% recovery.								
			(16.0 - 16.9) Sphalerite - pyrrhotite mineralization with minor galena associated with quartz-calcite veining at 60° 95% core recovery. (27.0 - 27.6) - Broken core - pieces less than 4 in (31.0 - 36.0 " " " " " " 2 in.	34671	16.0	16.9	0.9	0.03	8.57	0.64	1.35

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-5

SHEET 2 OF 2

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS oz/TAu	ASSAYS oz/TAg	ASSAYS %Pb	ASSAYS %Zn
480	88.5		DIORITE similar to preceding but texture is more uniform and feldspars are whiter and have sharper outlines (less alteration); core is cut by occasional fine quartz-calcite veinlets some containing pyrrhotite and is also cut by an occasional pale grey granitic stringer to 1 in. in width; core is broken pieces averaging 4 in.; core recovery about 90%.								
885	940		VEIN ZONE								
			(88.5 - 90.0) Nearly massive pyrrhotite - arsenopyrite in a quartz-calcite gangue, minor galena and sphalerite; good core, 95% recovery; sharp contact with diorite which is unmineralized.	34672	88.5	90.0	1.5	0.245	43.03	7.65	2.65
			(90.0 - 94.0) 50% sulphides in a quartz gangue; mainly arsenopyrite with minor pyrrhotite, pyrite, sphalerite and galena; best galena and sphalerite at (93.0 - 94.0); good core, 85% recovery	34673	90.0	94.0	4.0	0.182	4.25	1.12	1.34
94.0	150.0		DIORITE & DIORITE HYBRID med. grey-green, f.m.g with alteration masking mineral boundaries; some sections with m.g. amphibole brown biotite; similar to (4.0 - 20.0); cut by occasional fine pyrrhotite and quartz-calcite veinlets commonly less than 1/4 in.; fair core in pieces averaging 6 in.; occasional pale grey inclusions of altered pre-intrusive rock.								
END OF HOLE			(94.0 - 95.0) - Weak pyrrhotite mineralization	34674	94.0	95.0	1.0	0.002	0.35	0.19	0.10
			(118.0 - 150.0) - Better core in pieces to 2 ft.								
			(144.6 - 150.0) - Very fine grained with increased pyrrhotite mineralization along fine hair fractures @ 45-60° mainly; minor sphalerite and pyrite; total 3% sulphides								
			(149.0 - 150.0 Brecciation with infilling granitic stringers.								

99160

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG · HOLE NO. 87-6

SHEET 1 OF 2

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED
LOGJAM		118°	AUG. 21/87
PROJECT	LOT & CONC. 5150L 100 X-C S.	DIP −28½°	DATE COMPLETED AUG. 23/87
CLAIM NO. 100 FR, BARB 3	CO-ORDINATES. 9425N	LENGTH 151.0	DRILLED BY A.M.P.
GRID NO.	968OE	COLLAR ELEV.	LOGGED BY D.C. MILLER

CORRECTED DIP TESTS

LOCATION SKETCH OF HOLE 09196

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/t Au	o/t Ag	o/o Pb	o/o Zn
0	5.0		DIORITE HYBRID Med to light grey-green, f.g., mainly very pale banded lumy inclusion with diorite @ (0-1.5); banding at 30-50°; good core but broken at (0-0.5) and at (4.0-5.0).								
5.0	78.5		DIORITE med. grey-green, f.g., anhedral mafics and feldspars with crystal boundaries masked by weak propylitic alteration; cut by occasional quartz calcite veinlets mainly at 45-60° and less than ½" thick; some veinlets contain pyrrhotite mineralization; good core in pieces to 2 ft.								
			(12.9 - 13.3) Pyrrhotite - sphalerite - quartz - calcite mineralization trending @ 45°.	34675	12.5	13.5	1.0	0.014	6.14	0.36	0.13
			(16.5 - 17.1) Pyrrhotite - sphalerite - quartz - calcite mineralization trending @ 25°; also fair galena, minor arsenopyrite and pyrite.	34676	16.5	17.5	1.0	0.086	12.73	2.00	3.50
			(72.2 - 76.0) - Cut by pale grey granitic stringers to 1 in thick.								
78.5	94.2		DIORITE HYBRID Consists of alternating sections of diorite as preceding and v f.g pale green-grey semi-digested inclusions of pre-intrusive rock; cut by occasional quartz-calcite pyrrhotite veinlets and pale grey granitic stringers to 1 in. wide; core tends to be more broken.								
			(79.5 - 79.6) Pyrrhotite - quartz - calcite vein @ 70°								

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-6

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	oz/T Au	oz/T Ag	% Pb	% Zn
78.5	94.2		DIORITE HYBRID CONT'D								
			(93.9 - 94.2) - Quartz-calcite-pyrrhotite mineralization at 70°, traces of chalcopyrite, 10% sulphides.								
94.2	125.5		DIORITE med. grey-green, f. to m.g., consists m. to f. grained anhedral biotite crystals in a f.g matrix; good core in pieces to 2 ft.; cut by few quartz-calcite veinlets to 1/2 in rarely containing pyrrhotite.								
			(97.5 - 98.5) Pale colored f.g. inclusion.								
125.5	132.0		MINERALIZED DIORITE Pale grey-green, v.f. grained, siliceous, contains about 3% sulphides consisting of pyrrhotite and minor sphalerite healing fine fractures and as dissem-inations; most fractures trend @ 45°; good core; 95% core recovery.					L= LESS THAN			
				34677	127.4	131.0	3.6	L0.002	0.14	0.02	0.02
				34678	131.0	132.0	1.0	L0.002	0.22	0.03	0.06
132.0	137.0		VEIN ZONE pyrrhotite, arsenopyrite, minor sphalerite and galena are present as veinlets, dissem-inated and massive f.g. mineralization in a quartz gangue with minor calcite; overall about 25% sulpaides; 95% recovery except 132.0-135.0 which is 80% recovery.	34679	132.0	135.0	3.0	0.113	1.94	0.79	0.61
				34680	135.0	137.0	2.0	0.054	24.67	1.10	0.14
				34681	137.0	138.0	1.0	0.002	1.08	0.10	1.70
				34682	138.0	140.3	2.3	0.039	20.51	1.49	0.16
137.0	140.3		MINERALIZED DIORITE medium gray green, f. grained, locally silicified with about 3% sulphides with local fair sphalerite and galena; solid galena-sphalerite over 1 in @ 140.0 ft; 100% recovery.								
140.3	151.0		DIORITE As (94.2 - 125.5)								
END OF HOLE			(143.5 - 144.0) 15% sphalerite-galena, coarse-grained associated with quartz-calcite; some needle shaped pyrrhotite crystals.	34683	143.5	144.0	0.5	0.024	14.42	0.84	2.05

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-7

SHEET 1 OF 2

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS
LOGJAM		118°	AUG. 24/87	
PROJECT	LOT & CONC. 5150L 100 X-C	DIP +30°	DATE COMPLETED AUG 26/87	
CLAIM NO. FR 100, BARB 3	CO-ORDINATES. 9426N	LENGTH 124.0	DRILLED BY A.M.P.	
GRID NO.	9680E	COLLAR ELEV.	LOGGED BY D.C. MILLER	

LOCATION SKETCH OF HOLE

091969

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION AQ CORE
0	4.0		DIORITE Medium grey green; consists of fine-grained anhedral feldspars and mafics (mainly biotite) weak propylitic alteration. (0-0.1), (0.9-1.2) Pale green v.f.g. inclusions with 20° fine banding. (0.9 - 3.0) - Broken core.
4.0	11.8		DIORITE HYBRID Med. grey green; very fine grained to aphanitic; some vague 20° fine banding; cut by occasional fine (¼" or less) pyrrhotite/quartz-calcite veinlet; good core; 95% recovery (11.8 - 12.8) Vein zone with several quartz-calcite sulphide veins to 3 in trending at 60-70°; 10% sulphides including pyrrhotite, sphalerite with minor arsenopyrite and galena
11.8	49.3		DIORITE As (0-4.0); cut by occasioned fine pyrrhotite / quartz-calcite veinlet; good core (18.0 - 21.2) Breccia with pale green f.g. banded fragments of pre-intrusive rock in a dioritic - granitic matrix (34.5 - 35.7) - Similar to 18.0 - 21.2, banding at 45°

SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/T Au	o/T Ag	% Pb	% Zn
30684	11.8	12.8	1.0	0.10	3.36	1.82	5.23

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-7

99160

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/t Au	o/t Ag	o/o Pb	o/o Zn
49.3	71.0		FINE GRAINED DIORITE (DYKE) med. grey, uniform texture and color, consists of fine-to-med. grained anhedral biotite phenocrysts in very fine grained matrix; good core; cut by occasional pyrrhotite/quartz-calcite veinlets ranging up to 1/16 in, but mainly less than 1/16 in. Contact at 49.3 sharp, but with broken core. This unit contains about 1% disseminated pyrrhotite. Contact at 71.0 at 50°, sharp and chilled.								
71.0	87.7		DIORITE As (0-49.0); increase in quartz-calcite veining at (74.0-86.3), locally 6/ft. (82.2-82.3) pale grey granitic stringer at 60° (is cut by calcite-quartz veinlet). (85.6-86.2) Very fine grained. (86.2-87.7) soft and brecciated, fault zone at 50° - core loss 0.5 ft., very minor fine sulphides.	34685	86.7	87.7	1.0	0.002	1.14	0.08	0.15
87.7	94.5		VEIN ZONE (87.7-89.0) - Quartz vein at 60° with less than 2% pyrrhotite-sphalerite-arsenopyrite; 77% recovery. (89.0-92.7) - silicified, mineralized diorite, less than 2% sulphides; pyrrhotite mainly; 99% recovery. (92.7-93.9) - Quartz vein at 70° with 20% fine grained sulphides: pyrrhotite-arsenopyrite; sphalerite and galena, minor pyrite; 100% core recovery. (93.9-94.5) - mineralized diorite: 5% sulphides: pyrrhotite-sphalerite-arsenopyrite; 100% core recovery.	34686	87.7	89.0	1.3	0.028	1.67	0.22	0.75
				34687	89.0	92.7	3.7	L 0.002	0.23	0.07	0.07
				34688	92.7	93.9	1.2	0.125	23.13	3.20	3.30
				34689	93.9	94.5	0.6	0.046	10.78	0.58	0.48
94.5	124.0		Diorite As (0-4.0) cut by occasional granitic stringer up to 2 in. thick; rare fine pyrrhotite/quartz-calcite veinlet; good core.								
END OF HOLE											

L = LESS THAN

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG

HOLE NO. 87-8

SHEET 1 OF 3

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS
LOGJAM	5150 L 100 X-C S	148°	AUG. 27/87	
PROJECT	LOT & CONC.	DIP	DATE COMPLETED	
		+48°	SEPT 1/87	
CLAIM NO.	CO-ORDINATES.	LENGTH	DRILLED BY	
BARB 5, FR 100	9537N	300 FT	A.M.P.	
GRID NO.	9604E	COLLAR ELEV.	LOGGED BY	
			D.C. MILLER	

LOCATION SKETCH OF HOLE

096160

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION
0	244.1		DIORITE Med. grey-green, consists of fine-grained anhedral mafics and feldspars; local pale colored, very fine grained silicified sections; generally good core; cut by occasional pyrrhotite / quartz-calcite veinlets ranging up to 1 in thick but generally less than $\frac{1}{8}$ in.
			(5.0 - 8.7) Fine grained siliceous with numerous (up to 10/ft) pyrrhotite healed fractures trending at 50°; 1 in quartz-vein at 50° at 5.3 ft.
			(8.55 - 8.70) Quartz vein with pyrrhotite-sphalerite and minor galena.
			(26.0 - 28.0) Pale grey, siliceous with numerous fine fractures trending at 40-60° healed by pyrite, pyrrhotite and graphite; some fractures are leached and open.
			(69.0 - 72.0) - Broken, soft core as associated with slips at 30° and quartz healed breccia.
			(96.1 - 96.7) - Core is broken parallel to several pyrite-pyrrhotite / quartz-calcite healed fractures at 45-60°.
			(103.3 - 105.7) Very fine grained, siliceous with several fine pyrite-pyrrhotite-sphalerite healed fractures at (105.0 - 105.7).
			(115.0 - 116.0) Very fine grained, siliceous with a quartz-sphalerite-galena-pyrrhotite-arsenopyrite vein at (115.7 - 115.8) at 70°.

SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/T Au	o/T Ag	% Pb	% Zn
34690	7.70	8.70	1.0	0.002	0.39	0.11	0.02
34691	115.0	116.0	1.0	0.014	1.89	1.70	1.51

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-8

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/t Au	o/t Ag	% Pb	% Zn
0	244.1		DIORITE (CONT'D)								
			(127.0 - 130) - Core loss, 1.7 ft.; nearby core good in pieces 1.5 ft to 9 in.								
			(137.6 - 142.2) - Very fine grained and siliceous with numerous fine pyrrhotite/quartz-calcite healed fractures at 30 - 45°; fair sphalerite at (137.8 - 138.2), also minor sphalerite and galena throughout section along with arsenopyrite; sparse sulphides at (138.2 - 140.0); 95% core recovery.	34692	137.6	140.0	2.4	0.016	5.51	0.28	0.37
				34693	140.0	142.2	2.2	0.016	1.57	0.14	0.44
			(151.3 - 152.0 Three 1/2 in sphalerite-galena-quartz-calcite veins, wall rocks unaltered.	34694	151.3	152.3	1.0	0.016	1.44	0.34	0.75
			(160.3 - 160.4) - Quartz calcite vein with minor arsenopyrite and sphalerite.								
			(163.0 - 234.4 210.0) Traces of pyrrhotite and pyrite associated with very fine (less than 1/4 in) quartz healed fractures; excellent core 2 ft pieces.								
			(198.0 - 208.0) Becomes finer grained.								
			(234.4 - 236.0) Pale green-grey, siliceous with an increase in fracture density and mineralization; strong sphalerite with minor galena at 235.0 - 235.3; good core 95% recovery.	34695	234.4	236.0	1.6	0.019	4.25	1.58	2.50
			239.3 - 1/2 in quartz-pyrite-sphalerite vein at 60°.								
244.1	248.8		VEIN ZONE								
			(244.1 - 246.5) - Approx. 5% sulphides including sphalerite, pyrrhotite, pyrite, arsenopyrite and minor galena, broken core with 65% core recovery.	34696	244.1	246.5	2.4	0.038	3.16	0.23	0.30
			(246.5 - 248.8) Similar, broken ground core with 30% core recovery.	34697	246.5	248.8	2.3	0.032	1.62	0.08	0.11

9961 60

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-8

SHEET 3 OF 3

091966

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
248.8	300.0		Diorite AS 0-284.1; excellent core. (260.5 - 261.8) Pale cream colored inclusion. END OF HOLE.					

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-9

SHEET 1 OF —

091960

PROPERTY	TP OR AREA	AZIMUTH	DATE STARTED	CORRECTED DIP TESTS
LOGJAM	5150L 100 X-C S.	173°	SEPT 2/87	
PROJECT	LOT & CONC.	DIP +45	DATE COMPLETED	
CLAIM NO. BARB 5, FR 100	CO-ORDINATES. 9536N	LENGTH (INCOMPLETE)	DRILLED BY A.M.P	
GRID NO.	9603E	COLLAR ELEV.	LOGGED BY D.C. MILLER	

LOCATION SKETCH OF HOLE

FOOTAGE FROM	FOOTAGE TO	SECTION 1"=	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
0	48.3		DIORITE Med-dark grey-green, fine grained granular texture comprising anhedral feldspars and matics; locally bleached pale green grey near pyrrhotite veining; 5% fine pyrrhotite/quart-calcite veinlets ranging from less than 1/32 in to 1/2 in, mainly at 30-60°; good core, 95% plus recovery; approx 40% matics (5.0 - 6.4) Bleached pale green grey at (5.0 - 5.7) with strong pyrite-pyrrhotite-quartz-calcite veining at 30°-60° (6.4 - 9.0) - slight bleaching with vague banding at 60°					
48.3	52.0		DIORITE (FINE-GRAINED) med. grey-green very fine-grained matrix with 3% larger f-m.g. anhedral biotite phenocrysts (48.3 - 48.4) - Quartz-calcite vein with 1% pyrite pyrrhotite @ 60°.					
52.0	95.2		DIORITE Similar to (0 - 48.3) but more broken core; 90% core recovery. (52.0 - 62.0) - Contains 7 short (0.4 Ft) rusty sections accompanying fractures/quartz-calcite veining and broken core; fractures/veining at 30-90°; veins from less than 1/32 to 3/4 in. (81.2 - 84.0) - Bleached paler grey-green accompanying several quartz-calcite/clay healed fractures at 30-40°; broken core.					

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-9

091966

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS o/TAU	o/TAg	% Pb	% Zn
52.0	95.2		DIORITE (CONT'D)								
			(92.0 - 94.5) - Broken into 1-2 in pieces along fine fractures at 0-80°.								
			(94.5 - 95.2) - Fine pyrite, 3% with fine fractures at 15-90°.								
95.2	147.3		DIORITE Similar to (0 - 48.3) good core, 90% recovery.								
			(105.2 - 105.4) - Bleaching accompanies ½ in. quartz-pyrite vein at 30°.								
			(106.6 - 107.1) - Bleached pale green grey, inclusion?								
			(109.0 - 110.4) - 5% m.g. biotite crystals in finer grained matrix.								
			(110.4 - 111.5) - Finer grained, bleached and slightly rust near ¼ in quartz vein 30°.								
			(114.7 - 116.5) - Bleached pale green grey near ¾ in pyrrhotite - pyrite - quartz - calcite fracture at 50° @ 115.1 plus several very fine fractures.								
			(137.2 - 137.4) - Pale grey granitic stringer at 45°.								
			(142.9 - 143.5) - Minor sphalerite - galena mineralization with quartz vein at 30° at 143.1 (½ in). 95% recovery.	34716	142.9	143.5'	0.6	0.042	4.27	1.67	0.72
147.3	149.8		VEIN ZONE Silicification, quartz veining and sulphides including sphalerite, pyrite, pyrrhotite, arsenopyrite and minor galena within mineralized diorite host rock; broken at (148.5 - 149.0); overall core recovery - 80%.	34717	147.3	149.8	2.5	0.034	0.89	0.34	1.32

D.C. MILLER GEOLOGICAL SERVICES

DRILL LOG HOLE NO. 87-9

FOOTAGE FROM	FOOTAGE TO	SECTION 1" =	DESCRIPTION	SAMPLE NO.	FROM	TO	LENGTH	ASSAYS
149.8	172.5		~~DIORITE~~ As (0-48.3), excellent core in 2 ft. pieces; some fine but prominent brown biotite. (152.8-153.0) - Fine pyrite-pyrrhotite veining at 30° with bleaching and quartz-calcite veining					
172.5	179.0		~~DIORITE~~ (FINE-GRAINED) med. grey-green, very fine grained grainular texture; gradational contacts.					
179.0	~~211~~ 211.0		~~DIORITE~~ As (0-48.3) but with prominent fine-medium grained brown biotite (10% - anhedral phenocrysts); good core, 95% recovery. (187.7-188.7) - Pale grey-green inclusions. (194.6-194.8) - " " " inclusion. HOLE INCOMPLETE AS AT SEPT 6/87 LOGGING DATE					

09 1996

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

YUKON QUARTZ MINING ACT

FORM "C" - APPLICATION FOR A CERTIFICATE OF WORK

OFFICE DATE STAMP

(This form required in duplicate with sketch showing location of work.)

I (Name) D.C.Miller Occupation Geologist

(Postal Address) 769 Fraser St., Kamloops, B.C. V2C3HI

MAKE OATH AND SAY, THAT:

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.
2. I have done, or caused to be done, work on the following mineral claim(s):

(Here list claims on which work was actually done by number and name)

Y72I06 Barb 5

situated at Logjam Creek Claim Sheet No. I05B-4

in the Watson Lake Mining District, to the value of at least $20,000 5,600.00

dollars, since the 8th day of October 19 86,

to represent the following mineral claims under the authority of Grouping Certificate No. 4382

(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Y72I07-Y72I09	Barb 6-8	4 years
YAII386,YAII388	Log 53, Log 55	4 years
YAII423, YAII425	Log 90, Log 92	4 years
YA2I405-YA2I408	Barb I7-20	4 years
YA55784-YA55785	I02Fr.-I03Fr.	4 years
YA68729-YA68730	Barb 5Fr.-6Fr.	4 years

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

Work including mob. and demob. of equipment and men, underground drifting(55 ft. of 6x7 ft. drift) and underground slashing totalling I6 cubic yards, surveying, mapping, sampling and approximately 300 ft. of A.Q. underground diamond drilling in portions of 4 holes were completed between Oct. 9, I986 and Sept. I0, I987.

Sworn before me at Kamloops

this 28 day of September 19 87

Notary Public

Applicant

BERT GATIEN
NOTARY PUBLIC
Tudor Village
1315 Summit Dr.
Kamloops, B.C. V2C 5R9

091966

Herbert E. Green

P.O. BOX 4541 - WHITEHORSE, YUKON - (403) 667-4370

AFFIDAVIT

September 17,1987

Government of Canada
Indian & Northern Affairs
Mining Recorder
WATSON LAKE YUKON

AMP Ex plorations & Mining Co.Ltd.
Assessment filing,1987.

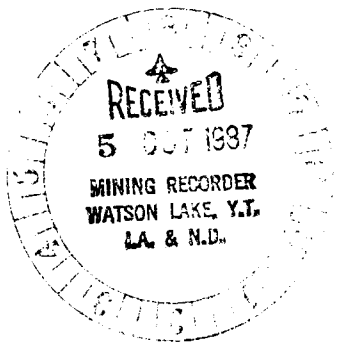
The summary of underground exploration costs submitted in support of the above application,has been prepared by the undersigned from the books and records of the company.

I certify this summary to be true and correct in all respects to the best of my knowledge and belief.

Herbert E.Green-Accountant.

091966

A.M.P. EXPLORATIONS & MINING CO. LTD.
11 Prospector Road, Whitehorse, Yukon T. Y1A 5G6
Telephone (403) 668-2979/4320



SUMMARY OF UNDERGROUND EXPLORATION
COSTS FOR THE PERIOD OCTOBER 8,1986
TO SEPTEMBER 10,1987

Schedule A-	Labour Costs	$ 68,740.14	Labour costs for Drillers are included here
B-	Fuel,Lubricants	12,007.31	
C-	Explosives	5,558.52	
D-	Camp Groceries	5,705.15	
E-	Mining supplies, Profess.fees,etc	8,393.72	
G-	Equipment rental	55,194.00	
		$ 155,598.84	

091966

LEGEND

- ROAD
- CREEK
- TRENCH
- VEIN
- FLOAT
- ROADWORK, 1986, 1987
- DRIFT ADVANCE 1987
- CLAIM POST, CLAIM BOUNDARIES

1987

BEARING FROM I.P. OF BARB 5 & 6 TO DRILL COLLARS OF D.D.H.'S 87-1, 87-2 & 87-3 = S 81½°E; DISTANCE = 72 METRES

BEARING FROM I.P. OF BARB 5 & 6 TO DRILL COLLARS OF D.D.H.'S 87-4, 87-5, 87-6 & 87-7 = N 75°E; DISTANCE = 82 METRES

BEARING FROM I.P. OF BARB 5 & 6 TO DRILL COLLARS OF D.D.H.'S 87-8 & 87-9 = N 47°E; DISTANCE = 80 METRES

1986-87

BEARING FROM LEGAL POST (I.P. OF BARB 5 & 6) TO DRILL COLLARS OF DDH 86-1, 86-2 & 86-3 = S 62°E. DISTANCE = 52 METRES

BEARING FROM INITIAL POSTS OF BARB 5 & 6 TO START OF 1986 DRIFT ADVANCE IN 5150 No 4 Dr. W = N 06°E. DISTANCE 172 METRES;

TO START OF 1987 DRIFT ADVANCE IN 5150 No 4 Dr W = NORTH, DISTANCE 160 METRES

REVISED SEPT. 1987
D.C. MILLER

0 100 200
METRES

SCALE 1:2500

AMP EXPLORATIONS & MINING COMPANY LTD
LOGJAM PROPERTY

LOCATION MAP
DIAMOND DRILLING, DRIFTING & ROAD WORK
FOR AUG. 2 - OCT. 8, 1986
REVISED SEPT. 1987 (1161)
DRAWN BY: D.C. MILLER, OCT. 15, 1986

REVISED SEPT. 1987

TO ACCOMPANY A REPORT BY D.C. MILLER

D.C. MILLER GEOLOGICAL SERVICES, KAMLOOPS, B.C.

A.M.P. EXPLORATIONS & MINING COMPANY LTD.
LOGJAM PROPERTY

5150 LEVEL PLAN

REVISED SEPT. 1987

1160

DRAWN BY: D.C.M.	PROJECT NO. 8610	FIGURE NO. 13
NOV. 1986	REPORT DATE: DEC. 3, 1986	NTS 105B/4E