TM'B' GROUP

DIAMOND DRILL LOGS

To Accompany Drilling Report

I.M. Watson & Associates Ltd.

October 1981

DIAMOND DRILL RECORD

CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-6 BQ

LATITUDE 9+04N ELEVATION 2067M BEARING DEPTH 42.67M STARTED Sept.9/81 COMPLETED Sept.10/81

DEPARTURE 9+27E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY Graeme Coxon G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS % WO_3			
0-1.22	Overburden (Casing ' to 1.22m)								
1.22-1.37	Quartz-Biotite Schist. Light to dark grey layered rock, with quartz rich-								
	layers alternating with rusty biotite-rich layers on 3-10mm scale. Broken								
	core; recovery about 80%								
	FOLIATION: 1.31m: 80°/CA								
1.37-1.62	Mafic Dyke. Fine-grained, black, equigranular rock with 1-2mm grains of red								
	weathering mineral and very finely disseminated pyrrhotite/pyrite. Weakly								
	magnetic. No fractures or foliation.								
1.62-1.89	Limey Quartzite. layered, dark grey quartzite with 2-10mm bands of weathered	68045	1.62	1.89	.27	< .01			
	pyroxene, some idocrase. contains 1-2mm pitted fractures, minor pyrite.								
	Broken core; recovery about 90%								
	FOLIATION: 1.80m: 82°/CA								
	FRACTURES: 1.71m: 28°/CA, 1.83m: 12°/CA								
	No visible scheelite.								
1.89-2.65	Granodiorite. coarse-grained, orange-grey quartz-rich granodiorite with	68050	1.89	2.65	.76	< .01			
	irregular layers and xenoliths or granitized metasediments rusty along thin								
	(≈ 1mm) fractures.								
	FRACTURES: 2.07m: 20°/CA, 2.22m: 22°/CA, 2.50m: 38°/CA								

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part 2 of 2

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. TM8

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PROPERTY TM HOLE NO. 81-6 BQ

LATITUDE 9+04N ELEVATION 2067M BEARING DEPTH 42.67M STARTED Sept.9/81 COMPLETED Sept.10/81

DEPARTURE 9+27E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS % WO_3			
2.65-4.24	Quartzite/ skarn. Light grey to greenish-grey quartzite contains 2-5mm layers of light green diopside, dark green pyroxene, white plagioclase, and a soft fibrous blue-green mineral (probably tremolite). Section 3.17-3.51 and 3.93-4.27 contain light brown idocrase as a major constituent; section 3.17-3.51 is pitted and vuggy	68046	2.68	4.24	1.59	.01			
	LAYERING: 3.05m - 60°/CA, 3.69m-42°/CA, 3.93m - 78°/CA								
	FRACTURES: 2.80m-20°/CA, 3.23m - 07°/CA, 3.35m - 32°/CA, 3.87m - 40°/CA 4.11M-02°/CA,								
	Mineralization: 6 fine grains scheelite between 3.66m and 4.24m.								
4.24-4.48	Granodiorite. Light grey, coarse grained rock composed of quartz and plagioclase, with minor dark green pyroxene, homogenous and equigranular	68049	4.24	4.48	.24	< .01			
	irregular contact with overlying skarn.								
4.48-5.18	Limey quartzite. as above, with minor disseminated pyrrhotite	68047	4.48	5.18	.70	< .01			
	LAYERING: 4.72m - 25°/CA, 5.12m - 50°/CA								
	FRACTURES: 4.88m - 30°/CA								
5.18-5.76	Skarn. light grey, layered rock composed dominantly of calcite, with wollastonite, pyroxene, brown idocrase and large (5-15m) pink garnets.	68048	5.18	5.76	.58	< .01			
	Idocrase and garnet crystals are generally elongate parallel to the layering, light green diopside grains common within the wollastonite layers. minor pyrrhotite.								
	LAYERING: 5.27m - 40°/CA, 5.55m - 45°/CA								

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DEPARTURE 9+27E SECTION DIP -90 DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS % WO_3			
	Mineralization - no visible scheelite								
5.76-14.02	Migmatitic quartz-biotite-sillimanite schist. light to dark grey								
	metasediments with layers and lenses of granodioritic composition, from 2.8 cm								
	wide. altered to a greenish sericitic schist, particularly adjacent to								
	granodiorite layers. Foliation attitudes are generally constant, although								
	small scale kinking and folding is evident. some granodioritic lenses								
	contain coarse pyrrhotite (i.e. at 7.04m and 11.16m)								
	FOLIATION: 6.71m - 50°/CA, 9.66m - 59°/CA, 12.34m - 45°/CA								
	FRACTURES: 7.41m - 05°/CA, 7.71m - 20°/CA, 7.92m - 45°/CA, 9.42m - 27°/CA								
	11.37m - 18°/CA, 13.20m - 20°/CA								
	8-10 fractures per meter parallel to foliation								
14.02-17.65	Granitized Schists/Granodiorite light to dark grey rock of variable								
	composition dominantly medium-grained biotite granodiorite, with a coarse-								
	grained muscovite pegmatite layer at 15.54m (.3m thick) and layers of								
	partially granitized quartz-biotite (≈ sillimanite) schist-biotite-rich								
	sections in the granodurite probably represent almost completely granitized								
	schists, some zones may be muscovite - bearing.								
	FRACTURES: 15.33m - 25°/CA, 15.79m - 45°/CA (pyrrhotite-bearing) 15.91m - 57°/CA								
	17.37m - 55°/CA								

CLAIM NO. TM8 **DIAMOND DRILL RECORD** PROPERTY TM HOLE NO. 81-6 BQ

LATITUDE 9+04N ELEVATION 2067M BEARING DEPTH 42.67M STARTED Sept.9/81 COMPLETED Sept.10/81

DEPARTURE 9+27E SECTION DIP -90 DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS % WO_3			
17.65-23.41	Migmatitic schists: dark grey to black quartz-biotite-(sillimanite) schist								
	with layers and lenses of granodiorite composition 2-15 cm thick, similar to								
	section 5.76-14.02. Schist contains minor pyrite and pyrrhotite along								
	foliation planes, contains some carbonate-filled fractures.								
	FOLIATION: 18.14m - 40°/CA, 20.72m - 50°/CA, 22.56m - 35°/CA								
	FRACTURES: 18.59m - 38°/CA, 19.90m - 05°/CA, 20.21m - ‖ /CA,								
	20.48m - 22°/CA, 20.69m - 15°/CA, 21.12m - 10°/CA,								
	21.34m - 30°/CA								
	Several fractures parallel to foliation.								
23.41-26.21	Mafic Dyke dark grey to black equigranular rock composed of hornblende,								
	biotite, plagioclase, and calcite; generally medium-grained, but grades								
	into very fine-grained section from 25.76 to lower contact at 26.21.								
	Brecciated contact with metasediments below.								
	FRACTURES: 23.62m -75°/CA, 24.38m - 40°/CA, 25.88m - 80°/CA								
	25.97m - 75°/CA, 26.06m - 78°/CA								
26.21-32.10	Migmatitic metasediments. dark grey quartz-biotite-(sillimanite) schist,								
	and greenish muscovite sericite schist, with 1-25 cm layers and lenses of								
	muscovite and biotite-bearing granodiorite. The schists contain minor								
	pyrite and pyrrhotite, and are gently folded or kinked on a small scale.								
	Fracturing and brecciation within a .3m zone have occurred at the upper								

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DEPARTURE 9+27E SECTION DIP -90 DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS % WO_3			
26.21-32.10	contact of the unit with the mafic dyke								
	FOLIATION: 27.74m - 58°/CA, 28.80m - 45°/CA								
	FRACTURES: 26.30m - 05°/CA, 26.61m - 22°/CA, 26.67m - 50°/CA,								
	13.35m - 30°/CA, 31.06m - 22°/CA, 31.39m - 15°/CA								
	5-7 fractures per meter parallel with foliation								
32.10-34.26	Granodiorite. light grey, medium-grained, muscovite and biotite bearing;								
	vertical contact between biotite bearing granodiorite and slightly finer								
	grained muscovite bearing phase at 33.22-33.83m; broken core in sericitic								
	zone 33.83-34.26m; possible fault zone								
	FRACTURES: 33.08m - 43°/CA, 33.28m - 30°/CA, 34.14m - 08°/CA								
34.26-38.62	Mafic dyke, same composition as unit above (23.41-26.21m) generally								
	medium grained, with biotite, plagioclase, pyroxene(?) calcite, and red-								
	weathering grains (hematite). Fine-grained, chilled upper margin (.43m)								
	and lower margin (.12m)								
	FRACTURES: 34.32m - 53°/CA, 34.74m - 23°/CA, 36.72m - 50°/CA,								
	37.25m - 25°/CA, 37.27-37.40m - 3 fractures at 35°-40°/CA								
	38.56m - 50°/CA								

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DEPARTURE 9+27E SECTION DIP -90 DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS % WO_3			
38.62-42.67	Migmatitic metasediments light green to grey muscovite-sericite schist								
	38.62-41.61m, darker grey quartz-biotite schist 41.61-42.67m - layers and								
	lenses of quartz and granodioritic rock alternate with schist layers on 1-5 cm								
	scale. quartz-rich layers contain sulphides as irregular blebs (i.e.								
	pyrrhotite, pyrite, and minor chalcopyrite at 134.3'); a coarse-grained								
	muscovite pegmatite .2m thick cuts the schists at 39.01								
	FRACTURES: 38.71m- 07°/CA, 39.01m - 35°/CA, 39.62m - 30°/CA 1-2 fractures/foot								
	40.84m - 40°/CA parallel to foliation								
	FOLIATION: 39.01m - 60°/CA, 41.00m - 55°/CA, 42.52m - 40°/CA								
42.67	END OF HOLE								
	CORE RECOVERY ~ 96 %								
	CASING LEFT IN HOLE								

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CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-7 BQ

LATITUDE 8+78N ELEVATION 2066M BEARING DEPTH 41.76M STARTED Sept.10/81 COMPLETED Sept.11/81

DEPARTURE 9+28E SECTION DIP Veritical DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON Graeme Coxon

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
0-1.22	Overburden (casing to 1.22m)					
1.22-1.89	Granodiorite. light grey, medium-grained and equigranular rock composed of					
	quartz, plagioclase and minor k-feldspar. Both muscovite and biotite-bearing.					
	Broken and slightly weathered core; recovery 70%					
1.89-4.57	Migmatitic metasediments. quartz-biotite schist and calcareous quartz-pyroxene					
	rock (well layered) with lenses and layers of quartz and granodiorite; a coars-					
	grained pegmatite .43m thick cuts the unit at 3.66m					
	FOLIATION: 2.44m-80°/CA, 4.27m-82°/CA					
	FRACTURES: 2.26m-15°/CA, 4.00m-32°/CA					
4.57-7.53	Highly granitized metasediments medium to coarse-grained rock of granodioritic					
	composition with partially incorporated bands and blocks of biotite schist.					
	Original foliation of the schist is preserved; the granodiorite is muscovite-					
	bearing and contains minor pyrrhotite.					
	FRACTURES: 4.66m-47°/CA, 5.33m-50°/CA, 5.79m-45°/CA, 6.25-7.01m - several at					
	30-50°/CA					
	FOLIATION: 4.72m-55°/CA					
7.53-8.41	Migmatitic metasediments. quartz-biotite schist and layered dark green					
	quartz-pyroxene rock with layers 1-5cm wide of granodiorite, which contain					
	minor pyrrhotite.					

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LATITUDE 8+78N ELEVATION 2066M BEARING DEPTH 41.76M STARTED Sept.10/81 COMPLETED Sept.11/81

DEPARTURE 9+28E SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
7.53-8.41	FOLIATION: 7.68m - 60°/CA					
	FRACTURES: 4 parallel to foliation.					
8.41-11.09	Granodiorite. leucocratic, sericite and muscovite-bearing, medium to coarse-					
	grained rock. contains some partially granitized schist layers and carbonate-					
	filled fractures, variable grain size.					
	FRACTURES: 9.14-9.27m - Broken core, 10.97m - 28°/CA					
11.09-13.08	Biotite schist and layered pyroxene - diopside rock. well layered green to					
	grey colored calcareous metasediments and schist; coarse-grained pyroxene					
	layers cut across foliation planes; biotite-rich layers grade into diopside					
	and pyroxene-rich layers along foliation planes.					
	FOLIATION: 11.73m-28°/CA, 12.80m-38°/CA					
	FRACTURES: 11.40m-20°/CA, 12.74m-32°/CA					
13.08-15.21	Skarn, marble, and layered diopside-pyroxene rock. 13.08-13.72m: light grey					
	medium grained marble with coarse red to pink-colored garnet 13.72-14.02m					
	light green diopside-pyroxene rock; dark green pyroxene forms well-defined					
	layers. 14.02-14.33m: Skarn: coarse-grained brown idocrase and quartz are					
	major constituents, with lesser amounts of diopside, garnet, and pyroxene;					
	layering is not preserved. 14.33-14.94m: same garnetiferous marble as above,					
	with minor diopside 14.94-15.20m: same layered diopside-pyroxene rock, with some					
	idocrase.					

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DEPARTURE 9+28E SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS WO_3%			
13.08-15.21	FOLIATION: 13.41m-40°/CA, 13.87m-42°/CA								
	FRACTURES: 13.17m-58°/CA, 14.94m-25°/CA								
15.20-17.74	Metasediments. 15.20-15.85m: calcareous quartzite, layered quartz-rich rock								
	with pyroxene, feldspar, diopside and biotite. 15.85-17.22m: dark grey to								
	black biotite schist, with some pyroxene layers 17.22-17.74m: layered diopside-								
	pyroxene rock with some garnet and calcite.								
	FOLIATION: 15.33m-40°/CA, 16.92m-45°/CA								
	FRACTURES: 15.70m-45°/CA, 16.61m-35°/CA, 17.25m-59°/CA								
17.74-19.14	Skarn 17.74-18.65m: quartz-rich skarn, with dark green pyroxene, garnet, and								
	idocrase; pyrrhotite-rich section 18.44-18.62m. 18.65-19.44m: dominantly	68151							
	marble, with coarse-grained garnet, fine diopside and some idocrase.								
	Layering - not preserved.								
	FRACTURES: 18.41m-35°/CA	68152	18.65	19.90	1.25	.01			
19.14-20.00	Quartz-diopside-pyroxene rock as above, green layered								
	FOLIATION: 19.51m - 38°/CA	68153	19.90	20.30	.40	.19			
20.00-22.25	Skarn: coarse-grained assemblage of quartz, garnet, pyroxene, epidote and	68154	20.30	20.88	.58	.01			
	idocrase. A .12m quartz vein cuts the section at 20.54; contains minor	68155	20.88	21.98	1.10	.35			
	pyrrhotite disseminated throughout, and calcite-filled fractures; some sections								
	weakly layered.								

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LATITUDE 8 + 78N ELEVATION 2066M BEARING DEPTH 41.76M STARTED Sept. 10/81 COMPLETED Sept. 11/81

DEPARTURE 9 + 28E SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G.Coxon

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	% ASSAYS WO_3			
	Foliation 20.73M = 40°/C.A. Mineralization : Weakly Dissem scheelite 20.00-20.30M, 21.00- 21.67M								
22.25-23.68	Layered Green diopsite-pyroxene rock, with skarn layer .12m thick developed at	68156	21.98	22.74	.76	.01			
	22.71m; black fine-grained biotite schist 22.25-22.49M grades into diopside	68157	22.74	23.62	.88	.01			
	FOLIATION 22.86M - 35°								
	MINERALIZATION: Fine and medium scheelite grains 22.74-22.84M								
23.68-24.17	Skarn: Coarse-grained quartz rich rock composed of quartz, garnet, idocrase	68158	23.62	23.93	.31	.11			
	and minor carbonate. No layering								
	MINERALIZATION: Dissem. medium-grained scheelite 23.68-23.99M	68159	23.93	24.69	.76	.01			
24.17-24.66	Layered green diopside-pyroxene quartz rock as above								
	FOLIATION: 24.38: 440/C .A.								
	FRACTURES: 24.35: 20°/C.A., 24.44M: 35°/C.A.								
24.66-25.36	Skarn: Coarse-grained garnet-quartz, dark green pyroxene rock, with some	68160	24.69	25.39	.70	.18			
	crystalline calcite and minor pyrrhotite								
	MINERALIZATION: Weakly dissem. scheelite throughout; high 25.12-25.36M								
25.36-25.94	Layered green diopside-pyroxene-quartz Rock, same as above. Shows small	68161	25.39	25.94	.55	< .01			
	boudinage structures. Foliation: 25.82M: 50°/C.A.								
25.94-26.03	Skarn: Coarse-grained garnet-idocrase-quartz-pyroxene rock unfoliated.	68162	25.94	26.52	.58	< .01			
	Unmineralized.								

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DEPARTURE 9 + 28E SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. Coxon

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
26.03-26.43	Alaskite, white, coarse-grained and equigranular rock composed of quartz and plagioclase. Fractures: 26.15M: 15°/C.A.					
26.43-41.76	Migmatitic Biotite (Sillimanite) Schist and Quartzite light to dark grey quartz-biotite schist (with local sillimanite) and quartzite with layers and lenses 1-10 cm thick of granodiorite. Schists show small scale folding and kinking, and are partially granitized adjacent to granodiorite layers. Greenish alteration (sericite?) occurs locally within the quartzites, and minor pyrite and pyrrhotite blebs are found in the granodiorite layers.					
	FOLIATION — FRACTURES					
	28.04M 45°/C.A. — 26.76M 60°/C.A.					
	33.22M 48°/C.A. — 31.54M 55°/C.A.					
	37.64M 34°/C.A. — 37.79M 23°/C.A. (slickensides pitch 35°)					
	46.30 75°/C.A. — 5-7 fractures per meter parallel to foliation throughout section					
41.76	END OF HOLE					
	CORE RECOVERY ~ 95%					
	CASING LEFT IN HOLE					

CLAIM NO. TM8

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LATITUDE 8+79N ELEVATION 2065M BEARING DEPTH 30.48M STARTED Sept.11/81 COMPLETED Sept.12/81

DEPARTURE 9+04E SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

Diane Coxon

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS WO_3 %			
0-.61	Overburden (casing 0-.61m)								
.61-1.52	Lost core								
1.52-1.62	Granodiorite light grey and equigranular, weakly foliated, biotite and								
	moscovite-bearing; slightly weathered								
1.62-3.11	Migmatitic metasediments. dark grey quartz-biotite schist with narrow								
	pyroxene-rich zones; layers and pods of granodiorite composition .5-5 cm								
	wide; contains minor amounts of pyrite and pyrrhotite.								
	FOLIATION: 2.13m - 55°/CA, 2.96m - 55°/CA								
	FRACTURE: 3.4 per meter parallel to foliation.								
3.11-4.85	Granodiorite light grey, medium-grained quartz-plagioclase rock with layers								
	of partially incorporated metasediments; contains biotite and pyroxene,								
	minor pyrrhotite								
	FRACTURES: 3.35m - 70°/CA, 3.66m - 60°/CA, 4.77m - 47°/CA								
4.85-4.91	Diopside-pyroxene-quartz rock. layered on 1-3mm scale, light green								
	FOLIATION: 4.88m - 70°/CA								
4.91-5.85	Skarn: medium to coarse-grained, composed of quartz, pink garnet, diopside,	68174	4.91	5.82	.91	.10			
	pyroxene and minor pyrrhotite, no idocrase; weakly layered.								
	LAYERING: 5.30m - 45°/CA								
	MINERALIZATION: several fine and medium-sized grains of scheelite								

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LATITUDE 8+79N ELEVATION 2065M BEARING DEPTH 30.48M STARTED Sept.11/81 COMPLETED Sept. 12/81

DEPARTURE 9+04E SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS WO_3%			
5.85-6.89	Quartz vein: composed dominantly of quartz, with some plagioclase, muscovite-	68175	5.82	6.86	1.04	<.01			
	bearing layers, minor carbonate between grain boundaries; also contains								
	small amounts of pyrrhotite in irregularly shaped blebs.								
	FRACTURES: 6.68m - 33°/CA								
6.89-7.38	Skarn: Garnet, diopside, dark green pyroxene and quartz, similar to unit	IMW001	6.86	7.32	.46	.12			
	above (14.72-17.56m)								
	LAYERING: None								
	Mineralization: several medium-sized grains of scheelite, some coarse grains								
7.38-9.91	Layered Green Diopside-pyroxene-quartz rock: well layered on 1-4mm scale,	IMW002	7.32	8.38	1.06	<.01			
	and containing pyrrhotite as blebs and 1-8mm veinlets; some sections contain	IMW003	8.38	9.88	1.50	<.01			
	fine to medium-grained pale pink garnet.								
	FOLIATION: 8.23m - 38°/CA, 9.20m - 40°/CA								
	MINERALIZATION: None								
9.91-11.55	Skarn: generally coarse-grained, composed of pink garnet, quartz, light	IMW004	9.88	10.18	.30	.24			
	brown idocrase, diopside, pyroxene and calcite; garnet may be medium-grained	IMW005	10.18	10.48	.30	<.01			
	or very coarse, idocrase is coarse, very little sulphide.	IMW006	10.48	11.52	1.04	.20			
	LAYERING: 10.33m - 68°/CA								
	MINERALIZATION: high grade 9.91-10.21m and 10.94-11.09m, none in layered								
	section 10.21-10.51m, several fine and medium scheelite grains								
	between								

DIAMOND DRILL RECORD

CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-8 BQ

LATITUDE 8+79M ELEVATION 2065M BEARING DEPTH 30.48M STARTED Sept.11/81 COMPLETED Sept.12/81

DEPARTURE 9+04M SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS WO_3 %			
11.55-30.48	Migmatitic metasediments: dark grey quartz-biotite (sillimanite) schist and								
	quartzite, with layers and lenses of quartz and of granodiorite .5-15 cm								
	wide; contains greenish sericitic zones, particlarly within quartzite sections								
	and may be folded and kinked on a small scale; granodiorite layers are usually								
	muscovite-bearing, and often contain minor pyrrhotite; section ends in a								
	fault zone (30.02-30.48m) which is graphitic and sulphide-bearing.								
	FOLIATION: 13.72m-35°/CA, 17.68m-35°/CA, 20.73m-30°/CA, 23.47m-38°/CA								
	26.82m-40°/CA, 29.41m-45°/CA								
	FRACTURES: 13.23m-28°/CA, 14.33m-15°/CA, 18.93m-0°/CA, 20.12m-40°/CA								
	22.71m-38°/CA, 28.13m-05°/CA, 28.65m-28.95m broken core								
	11.56-28.50m- 3-5 fractures per meter parallel to foliation.								
	28.50-30.48m: 12-15 fractures per meter.								
30.48	END OF HOLE								
30-48 E04	0.61 meters BW casing left in hole								
	Total recovery approx. 96%								

DIAMOND DRILL RECORD

CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-9 BQ

LATITUDE 9+03N ELEVATION 2069 meters BEARING — DEPTH 28.96 meters STARTED Sept 13/81 COMPLETED Sept 13/81

DEPARTURE 9+04E SECTION DIP Vertical DRILLED BY Beaupre Drilling LOGGED BY G.Coxon

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS WO3%			
0-.66	OVERBURDEN (Casing 0-.61m)								
.61-.79	GRANODIORITE Light grey, medium-grained and equigranular. Quartz-plagioclase								
	with accessory muscovite, minor pyrrhotite. Vuggy and slightly weathered.								
	Recovery about 60%.								
.79-.98	QUARTZITE Grey quartz-rich with a weak foliation defined by muscovite and	IMW009	.98	1.37	.39	.08			
	sericite layers. Contains minor disseminated pyrite and pyrrhotite.								
	Foliation .88m:50°/C.A. Recovery -60%								
.98-1.22	MARBLE. Fine to medium-grained grey composed of calcite and lesser amounts								
	of diopside. Contains very minor finely disseminated pyrrhotite. Slightly								
	weathered. Recovery about 50%. Mineralization: A narrow band (3mm wide) at								
	1.89m contains fine-grained scheelite								
1.22-1.37	SKARN Dark green and red, composed of garnet, quartz and pyroxene, with								
	accessory calcite and minor pyrrhotite. Medium-grained equigranular. Distinct								
	contact with marble above. Mineralization 2 fine grains of scheelite								
	Recovery ~60%								
1.37-1.83	GRANODIORITE Medium-grained quartz-plagioclase rock with accessory								
	muscovite and biotite, similar to sect. .61-.79								
1.83-2.71	HIGHLY GRANITIZED METASEDIMENTS Medium to coarse-grained light grey grano-								
	diorite, with layers of partially incorporated green muscovite or sericite								
	schist Contains fine-grained pyrite and pyrrhotite forming layers parallel								

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. TM8

DIAMOND DRILL RECORD

PROPERTY TM HOLE NO. 81-9 BQ

LATITUDE 9+03N ELEVATION 2069 meters BEARING DEPTH 28.96 meters STARTED Sept 13/81 COMPLETED Sept 13/81

DEPARTURE 9+04E SECTION DIP Vertical DRILLED BY Beaupre Drilling LOGGED BY Graeme Coxon

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	with the schists. Foliation 2.19m = 50°/C.A. Fractures { 2.13m = 60°/C.A.					
	Contact with mafic dyke below 40°/C.A. { 2.50m = 45°/C.A.					
2.71-5.97	MAFIC DYKE Dark grey to black, fine-grained, homogenous unit 0.3m chilled					
	margins at upper and lower contacts, 2-3mm calcite amygdules 2-3mm dark					
	green pyroxene xtals in the middle part of the dyke, are altered to dark red					
	mineral or completely destroyed to leave open vugs at chilled margin.					
	Fractures					
	2.99m 55°/C.A. 5.06m 20°/C.A.					
	3.32m 52°/C.A. 5.09-5.64m 4 at 20-30°/C.A.					
	4.21m 23°/C.A. 5.88m 12°/C.A.					
	4.66m 08°/C.A. Lower contact with metasediments at 20°/C.A.					
5.97-28.96	MIGMATITIC QUARTZ-BIOTITE (SILLIMANITE) SCHIST AND QUARTZITE Dark grey to					
	black schist and light grey quartzites, with layers, lenses, and irregular					
	pods 1-20cm thick of granodiorite composition. In strongly granitized sections,					
	i.e. 9.75-12.19m, the schists are almost completely incorporated and the					
	volume of granodiorite is greater than the metasediments. A coarse-grained					
	muscovite pegmatite cuts the section at 8.99-9.75m.					
	Local alteration to dark green muscovite sericite schist within the micaceous					
	quartzites.					

DIAMOND DRILL RECORD

CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-9 BQ

LATITUDE 9+03N ELEVATION 2069 meters BEARING DEPTH 28.96 meters STARTED Sept 13/81 COMPLETED Sept 13/81

DEPARTURE 9+04E SECTION DIP Vertical DRILLED BY Beaupre Drilling LOGGED BY Graeme Coxon

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	Granodiorite zones are light grey and generally coarse-grained, containing					
	both muscovite and biotite. A layer at 23.01m contains garnet.					
	A very muscovite-rich, finer-grained zone occurs at 12.04-12.37m.					
	Foliation / Fractures					
	7.92m 52°/C.A. — 6.86m 31°/C.A.					
	11.58m 62°/C.A. — 8.08m 30°/C.A.					
	14.94m 70°/C.A. — 9.75m 23°/C.A.					
	17.83m 72°/C.A. — 10.06m 15°/C.A.					
	21.95m 72°/C.A. — 12.19m 55°/C.A.					
	24.38m 85°/C.A. — 14.48m 55°/C.A.					
	27.13m 68°/C.A. — 20.48-20.91m Broken, sericitic and graphitic rock FAULT ZONE					
	25.97m 30°/C.A.					
	27.22m 35°/C.A.					
	28.50m 20°/C.A.					
	6-7 fractures per meter parallel to foliation throughout section					
28.96	END OF HOLE 0.61m casing left in hole					
	Total recovery approx. 96%					

ESTERN MINER-PRESS LTD.
TANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-10R Q

LATITUDE 8+54N ELEVATION 2063 Meters BEARING DEPTH 32.61 STARTED Sept.14/81 COMPLETED Sept.14/81

DEPARTURE 9+29E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LOGGED BY Graeme Coxon G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS WO_3 %			
0-1.22	Overburden (1.22m casing)								
1.22-13.41	Migmatitic quartz-biotite (-sillimanite) schist and granodiorite, well foliated								
	dark grey quartz-biotite schist, with sillimanite-bearing sections, contains								
	layers and lenses of medium to coarse-grained granodiorite 1-20 cm wide.								
	The granodiorite is both muscovite and biotite-bearing and contains minor								
	pyrrhotite in irregular blebs. The section is cut by a coarse-grained pegmatite								
	at 5.94-6.34m and a medium-grained, muscovite rich and garnetiferous								
	granodiorite unit at 7.74-8.20m.								
	FOLIATION: 2.13m-52°/CA, 5.49m-45°/CA, 8.99m-40°/CA, 12.80m-50°/CA								
	FRACTURES: 3.02m-70°/CA, 2.68m-21°/CA, 5.70m-25°/CA, 6.40m-25°/CA, 8.69m-12°/CA,								
	11.13m-30°/CA, 12.80m-08°/CA.								
	3-5 fractures per meter parallel to foliation.								
13.41-15.27	Biotite schist and layered green Actinolite(?)-quartz-diopside rock. Medium								
	to fine-grained biotite schist layers alternate with bands of actinolite(?)								
	and diopside and quartz-rich bands on 1-5cm scale. Actinolite (green, fibrous,								
	soft) replaces biotite in some sections. Small-scale boudinage structures								
	LAYERING: 14.02m-50°/CA								
	FRACTURES: 3-5 per meter parallel to foliation.								

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

CLAIM NO. TM8

DIAMOND DRILL RECORD

PROPERTY TM HOLE NO. 81-10 BQ

LATITUDE 8+54N ELEVATION 2063 Meters BEARING DEPTH 32.61 STARTED Sept.14/81 COMPLETED Sept.14/81

DEPARTURE 9+29E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS WO_3%
15.27-15.64	Skarn: dark green, mottled; consisting of medium-grained pyroxene, quartz,	IMW007	15.33	15.61	.28	2.82
	diopside, carbonate and pyrrhotite, with some biotite. Pyrrhotite forms					
	irregular 1-4mm blebs and is most heavily concentrated in section 15.33-15.54m					
	A weak layering					
	LAYERING: 15.54m - 65°/CA					
	MINERALIZATION: Several medium and one very coarse (2cm) scheelite grain					
	in section 15.36-15.64m					
15.64-16.37	Marble, light grey rock composed dominantly of medium-grained calcite, with					
	coarse (2-3cm) pink garnets, minor idocrase, and quartz. Homogenous and					
	equigranular. Barren					
16.37-17.01	Calcareous metasediments. layered biotite schist and green diopside-pyroxene-					
	actinolite banded on 1-10 mm scale. shows small scale boudinage.					
	LAYERING: 16.61m-60°/CA					
	FRACTURES: 16.70m-40°/CA					
17.01-17.83	Granodiorite. White, coarse-grained carbonate, composed dominantly of					
	quartz, with narrow graphite filled veins and fractures.					
	FRACTURES: 17.37m- Several at 40°/CA some carbonate filled					
	17.68m-75°/CA					

CLAIM NO. TM8

DIAMOND DRILL RECORD

PROPERTY TM HOLE NO. 81-10 BQ

LATITUDE 8+54N ELEVATION 2063 meters BEARING DEPTH 32.61 STARTED Sept. 14/81 COMPLETED Sept.14/81

DEPARTURE 9+29E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
17.83-18.32	Skarn/ marble:garnet, idocrase and quartz in marble. garnet is pink and coarse-					
	grained, idocrase is brown. Section 18.14-18.32 contains layered diopside-pyroxene					
	quartz and is separated from the garnet-idocrase section by a slickensided					
	fracture.					
	LAYERING: 18.26m-45°/CA					
	FRACTURES: 17.95m-65°/CA graphite coated. 18.11m-43°/CA slickensides pitch 80°					
	18.32m-20°/CA slickensides pitch 65°					
	Barren					
18.32-18.93	Granodiorite. same white dominantly quartz rock as sect. 17.01-17.83m					
18.93-21.49	Calcareous metasediments. green diopside-pyroxene rock, biotite schist with					
	some actinolite, quartzite, and an impure (diopside, quartz-bearing) marble					
	in section 19.05-19.51m, well banded on a 1-5 cm scale, slightly migmatitic.					
	LAYERING: 19.96m-50°/CA					
	FRACTURES: 19.35m-17°/CA, 20.11m-23°/CA					
	3 fractures per meter parallel to foliation.					
21.49-22.04	Skarn marble, coarse-grained idocrase and garnet, and finer-grained diopside					
	within a medium-grained, light grey marble.					
	LAYERING: 21.79m-55°/CA Barren					

CLAIM NO. TM8

DIAMOND DRILL RECORD

PROPERTY TM HOLE NO. 81-10 BQ

LATITUDE 8+54N ELEVATION 2063 meters BEARING DEPTH 32.61 STARTED Sept.14/81 COMPLETED Sept.14/81

DEPARTURE 9+29E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
22.04-25.09	Calcareous metasediments green diopside quartz-pyroxene rock, fine grained					
	biotite schist and calcareous quartzites. well banded on .5-5cm scale.					
	Contains minor pyrrhotite. particularly in quartz-rich sections.					
	LAYERING: 23.62m-65°/CA					
	FRACTURES: 23.71m-14°/CA					
25.09-25.82	Impure marble light grey, medium-grained with layers of pyroxene and					
	diopside, a quartz-rich band, and some garnet (coarse-grained, pink),					
	contains minor pyrrhotite					
	LAYERING: 25.30m-50°/CA					
	FRACTURES: 25.09m-40°/CA Graphitic, 25.15m-48°/CA Graphitic, 25.66m-60°/CA					
25.82-29.44	Calcareous metasediments, green to grey, finely banded calcareous quartzite					
	diopside-quartz; pyroxene rock and fine-grained schist. Section 27.13-27.61m					
	particularly carbonate-rich- banding is defined by alternating diopside-					
	pyroxene, biotite, and quartz-rich layers, and occurs on a 1-10mm scale.					
	LAYERING: 26.67m-55°/CA, 28.65m-58°/CA					
	FRACTURES: 25.82-25.91m - several graphitic fractures at 35-45/CA					
	26.40m-58°/CA, 26.67m-35°/CA, 26.97m-35°/CA, 27.74m-48°/CA					
29.44-31.31	Impure marble, light grey, medium-grained, slightly graphitic, with light					
	green pyroxene and diopside layers and quartz-rich bands. contains small					
	amounts of pyrrhotite.					

DIAMOND DRILL RECORD

CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-10 BQ

LATITUDE 8+54N ELEVATION 2063 meters BEARING DEPTH 32.61 STARTED Sept.14/81 COMPLETED Sept.14/81

DEPARTURE 9+29E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
29.44-31.31	LAYERING: 29.87m-33°/CA								
	FRACTURES: 31.06m-22°/CA, 31.18m-20°/CA								
31.31-31.85	Calcareous metasediments and granodiorite. layered biotite schist and green								
	diopside, bearing quartzite with 1-10cm bands of coarse-grained white								
	granodiorite.								
	LAYERING: 31.64m-60°/CA								
	FRACTURES: 31.76m-63°/CA								
31.85-32.61	Granodiorite light grey, medium to coarse-grained with minor fine-grained								
	muscovite. broken and slightly rusty core 32.25-32.61m								
	FRACTURES: 32.13m-20°/CA								
	32.31-32.46m - 2 parallel fractures at 05°/CA								
32.61	End of hole								
	Casing left in hole								
	Total recovery 100%								

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-11-BQ

LATITUDE 8+20N ELEVATION 2042 meters BEARING DEPTH 46.63 m STARTED Sept.15/81 COMPLETED Sept.15/81

DEPARTURE 9+68E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY Graeme Coxon G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
0-1.83	Overburden (casing to 1.83m)								
1.83-3.47	Calcareous metasediments light to dark green layered diopside quartz-								
	pyroxene and fine-grained biotite schist from .5-5cm alternating layers -								
	contains carbonate within the rock as well as in fractures, and minor pyrrhotite.								
	LAYERING: 2.29m-38°/CA, 3.05m-55°/CA								
	FRACTURES: 2.13m-55°/CA, 2.74m-55°/CA								
3.47-4.51	Impure marble. light grey to green medium-grained marble with quartz and								
	diopside-rich bands, large pink garnets and minor graphite. cut by calcite								
	filled fractures and a 40m wide quartz vein at 3.66m.								
	LAYERING: 3.66m-35°/CA								
	FRACTURES: 3.87m-18°/CA carbonate-filled, 3.96-34.51m-/ C.A.								
	carbonate-filled.								
4.51-7.53	Calcareous quartzite and biotite-sillimanite schist. 4.51-6.71m: light grey								
	quartzite, with fine 1-10mm) bands of diopside. Calcite-rich 5.18-5.55m,								
	6.71-7.53m, dark grey to black, well foliated biotite-sillimanite schist.								
	Gradational contact over .3m between the two rock types.								
	FOLIATION: 4.88m-55°/CA, 7.01m-58°/CA, 7.25m-62°/CA								
	FRACTURES: 5.12m-50°/CA, 5.21m-58°/CA, 5.84m-25°/CA, 7.22m-30°/CA								

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-11 BQ

LATITUDE 8+20N ELEVATION 2042 meters BEARING DEPTH 46.63m STARTED Sept.15/81 COMPLETED Sept.15/81

DEPARTURE 9+68E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
7.53-10.03	Granodiorite. white, quartz-plagioclase with rust-stained zones and widely variable grain size. muscovite-bearing, with the fine-grained sections more micaceous than the coarse-grained zones.					
	FRACTURES: 7.68m-75°/CA, 8.17m-27°/CA, 8.60m-15°/CA, 8.69m-55°/CA, 8.84m-30°/CA, 9.27m-38°/CA, 9.45-10.03m- 6 at 35-45°/CA					
10.03-11.80	Quartz-biotite schist and green diopside-quartz-pyroxene rock. dark grey biotite schist, slightly migmatitic, with muscovite-bearing sections to 11.13m					
	11.13-11.80m: weakly layered diopside-quartz-pyroxene rock with quartz blebs (1-2cm) and veins.					
	LAYERING: 10.36m-53°/CA					
	FRACTURES: 11.31m-08°/CA, 3-5 per meter parallel to foliation					
11.80-12.77	Marble and skarn. 11.80-12.07m: wollastonite skarn, composed almost completely of white, medium-grained fibrous wollastonite, with accessory fine-grained diopside and some quartz.					
	12.07-12.50m: marble. light grey, medium-grained with calcite and quartz and large (2-3cm) pink garnets. 12.50-12.77m: Skarn composed of large pink garnets, calcite, quartz, and medium-grained dark green pyroxene, weakly layered.					
	LAYERING: 12.56m-45°/CA					

WESTERN MINER-PRESS LTD.
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DIAMOND DRILL RECORD

CLAIM NO. TM 8 | PROPERTY TM | HOLE NO. 81-11 BQ

LATITUDE 8+20N | ELEVATION 2042 meters | BEARING | DEPTH 46.63m | STARTED Sept.15/81 | COMPLETED Sept.15/81

DEPARTURE 9+68E | SECTION | DIP -90° | DRILLED BY BEAUPRE DRILLING LTD. | LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
12.77-1905	Quartz-biotite schist, green diopside-quartz-pyroxene rock and marble:					
	12.77-13.23m layered calcareous diopside-quartz-pyroxene rock, with some actinolite,					
	thin (1-3cm) biotite schist layers, and minor pyrrhotite. 13.23-19.05m:					
	quartz-biotite schist and calcareous quartzite, broken by two marble units					
	at 14.75m, (.34m,) and 16.00m. (.58m thick) marble units are light grey, slightly					
	graphitic, and contain coarse-grained pink garnet and layers of diopside and					
	pyroxene; the quartz-biotite is well layered on a 2-20 mm scale and also					
	contains pyroxene-rich layers and actinolite.					
	LAYERING: 13.72m-50°/CA, 16.76m-52°/CA, 18.90m-60°/CA					
	FRACTURES: 13.23m-15°/CA, 16.15m-22°/CA, 17.10m-15°/CA					
	6 - 7 per meter parallel to foliation.					
19.05-20.70	Marble medium gray, equigranular graphitic marble composed of calcite,					
	quartz, minor coarse-grained pink garnet, diopside and fine-grained					
	disseminated pyrite. well-layered.					
	LAYERING: 19.66m-72°/CA					
20.70-32.16	Calcareous quartzite and quartz-biotite schist. layered, medium-grained					
	quartzite, with layering defined by thin (1-5mm) bands of diopside,					
	fine-grained biotite or carbonate. The quartz-biotite schist also contains					
	pyroxene-rich and quartz-rich bands that are 2-20mm wide.					
						Page 3

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STANDARD FORM NO. 502

CLAIM NO. TM8 **DIAMOND DRILL RECORD** PROPERTY TM HOLE NO. 81-11 BQ

LATITUDE 8+20N ELEVATION 2042 meters BEARING DEPTH 46.63m STARTED Sept.15/81 COMPLETED Sept.15/81

DEPARTURE 9+68E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
20.70-32.16	17.13-27.74m: graphitic and pyroxene-bearing layered marble. 23.93-24.38:					
	impure marble.					
	FOLIATION: 21.34m-62°/CA, 25.60m-68°/CA, 28.35m-68°/CA, 31.24m-60°/CA					
	FRACTURES: 22.10m-22°/CA, 23.77m-18°/CA (calcite-filled)- 24.84m-21°/CA,					
	25.60m-05°/CA, 26.52m-29°/CA, 26.67m-26°/CA (calcite filled),					
	28.13m-25°/CA (calcite filled), 28.22m-25°/CA (calcite filled),					
	28.65m-32°/CA					
	3-5 fractures per meter parallel to foliation.					
32.16-34.50	Marble. light to dark grey, medium-grained crystalline, graphitic;					
	contains dark green pyroxene, diopside, quartz and minor biotite in addition					
	to calcite. Also contains minor pyrrhotite.					
	LAYERING: 33.22m - 55°/CA FRACTURES: 32.71m-15°/CA (graphitic)					
	Several parallel to layering.					
34.50-37.67	Calcareous metasediments. well-banded quartzites and quartz-biotite schist,					
	and green diopside-quartz-pyroxene rock. marble section 35.60-35.91m, with					
	a coarse grained idocrase and garnet layer (.1m thick) developed at 35.63m.					
	LAYERING: 37.19m-55°/CA FRACTURE: 37.49m-14°/CA					
37.67-38.76	Marble and skarn. light grey, medium-grained graphitic marble, with garnet					
	and idocrase developed at 37.70m and 38.71m.					
	LAYERING: 38.40m-58°/CA					

DIAMOND DRILL RECORD

CLAIM NO. TM 8 PROPERTY TM HOLE NO. 81-11 BQ

LATITUDE 8+20N ELEVATION 2042 meters BEARING DEPTH 46.63m STARTED Sept.15/81 COMPLETED Sept.15/81

DEPARTURE 9+68E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
38.86-42.06	Calcareous metasediments, ~~green layerd diopside-bearing~~ quartzite and dark grey fine-grained biotite schist with layers of pyroxene and diopside, quartz-rich bands.					
	LAYERING: 40.84m-50°/CA					
	FRACTURES: 39.32m-38°/CA, 39.62m-40°/CA					
42.06-42.82	Marble medium-grained, grey, graphitic rock with minor garnet, and diopside.					
	LAYERING: 42.67m-63°/CA					
42.82-43.16	Calcareous quartzite. quartz-rich grey rock with bands of fine-grained biotite					
	some diopside. similar to unit above.					
	LAYERING: 42.98m-62°/CA					
43.16-44.65	Marble and skarn. light grey, medium grained graphitic marble, with diopside-bearing layers and quartz-rich bands. 1-4cm thick, and local development of					
	pink garnet and coarse-grained idocrase.					
	LAYERING: 43.59m-60°/CA					
44.65-46.63	Quartzite and graphite schist. coarse-grained white quartzite with graphite					
	layers, 2-30mm thick developed in a MAJOR FAULT ZONE 44.96m to 46.63m.					
	Brecciated, sericitic, and pyrite-bearing, broken core within the fault zone.					
	LAYERING: 45.42m-60°/CA					
	FRACTURES: 44.93m-25°/CA, 45.57m-05°/CA, 45.78m-30°/CA					
	Broken core 45.92-46.63m					Page 5

WESTERN MINER-PRESS LTD. STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. TM8 PROPERTY TM HOLE NO. 81-11 BQ

LATITUDE 8+20N ELEVATION 2042 meters BEARING DEPTH 46.63m STARTED Sept.15/81 COMPLETED Sept.15/81

DEPARTURE 9+68E SECTION DIP -90° DRILLED BY BEAUPRE DRILLING LTD. LOGGED BY G. COXON

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS			
46.63	END OF HOLE								
	1.83m casing left in hole								
	Total recovery~95%								

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. TM7 PROPERTY TM HOLE NO. 81-12 BQ

LATITUDE 7 + 65N ELEVATION 2030 Meters BEARING DEPTH 33.53M STARTED 17 Sept/81 COMPLETED 18 Sept/81

DEPARTURE 10 + 07E SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LOGGED BY G. Coxon (Graeme Coxon)

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
0-2.44	Overburden (Casing to 2.44M)					
2.44-5.30	Calcareous metasediments and skarns. Light to dark green layered rock composed					
	of pyroxene, diopside, actinolite (soft, dark green, fibrous) quartz and					
	carbonate. 2-10 MM Banding. Quartz vein at 3.96M (.12M thick), weak					
	garnet-idocrase diopside skarn developed within thin marble bands at 2.50M					
	(.1M thick) and 3.4M (.24M thick), and 3.66M, (.18M thick). 5.03-5.30M:					
	Calcareous biotite schist.					
	LAYERING: 2.83 = 67°/C.A. 5.18 - 75°/C.A.					
	FRACTURES: 3.05 - 20°/C.A., 5.03 = 15°/C.A., 3.44 = 50°/C.A., 4.08= 22°/C.A.					
5.30=5.97	Biotite Schist and Calcareous Metasediments. Biotite schist altered to grey-					
	green, fine-grained sericite schist. Cut by 12M carb. vein @ 5.73M. Vein					
	contains dolomite fragments.					
	LAYERING: 5.36 - 75°/C.A.					
	FRACTURES: 5.55 - 54° /C.A.					
5.97-9.02	Calcareous Metasediments. Layered green diopside - pyroxene-quartz rock					
	and fine-grained calcareous biotite schist cut by 6-15 CM thick quartz					
	veins at 6.00M, 6.61M, and 7.25M. Well banded, showing small scale boudinage					
	structures.					
	LAYERING: 6.55 - 65°/C.A., 8.53 - 65°/C.A.					

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. TM7 PROPERTY TM HOLE NO. 81-12 BQ

LATITUDE 7 + 65N ELEVATION 2030 Meters BEARING DEPTH 33.53M STARTED 17 Sept/81 COMPLETED 18 Sept/81

DEPARTURE 10 + 07 E SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LOGGED BY G. Coxon

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	FRACTURES 6.49 - 42°/C.A., Several parallel to foliation					
9.02-10.67	Marble and Skarns. Light grey, fine to medium-grained graphitic marble with					
	layered skarn composed of wollastonite, diopside and pink garnet developed					
	at 9.11-9.33M. Fold closure visible at 9.39M. Broken and lost core in last 1.0M.					
	LAYERING: 9.45 - 68°/C.A.					
	FRACTURES 9.60 = 65°/C.A., 9.63 - 11/C.A., 10.61 - 15°/C.A.					
10.67-15.18	Calcareous Metasediments. Light to dark green diopside - quartz pyroxene					
	rock, quartz biotite schist, and light grey quartzite, with a marble					
	layer (graphitic, with pink garnet) .43M thick at 12.80M. The quartzite					
	at 14.02M is rusty and pyrite-bearing, and coarse-grained granodiorite cuts					
	the section at 14.78 - 15.18M.					
	LAYERING FRACTURES					
	11.58M 55°/C.A. 11.25M 30°/C.A. 14.33 15°/C.A.					
	13.72M 50°/C.A. 12.74M 05°/C.A. 15.15 10°/C.A.					
	13.38M 15°/C.A.					
	14.02M 05°/C.A.					
15.18-16.86	Marble and Skarn. 15.18 - 15.51M: Coarse-grained skarn, composed of					
	idocrase and quartz with accessory diopside, carbonate and garnet. 15.51-16.86M,					
	light grey medium-grained marble, with coarse pink garnet, coarse idocrase and					
	fine-grained diopside. Contains some thin (< 1CM) white wollastanite layers.					

WESTERN MINER-PRESS LTD.
STANDARD FORM NO. 502

DIAMOND DRILL RECORD

CLAIM NO. TM& PROPERTY TM HOLE NO. 81-12 BQ

LATITUDE 7 + 65N ELEVATION 2030 meters BEARING DEPTH 33.53M STARTED 17 Sept/81 COMPLETED 18 Sept/81

DEPARTURE 10 + 07E SECTION DIP Vertical DRILLED BY BEAUPRE DRILLING LOGGED BY G. Coxon

DEPTH FEET	FORMATION	SAMPLE NO.	FROM	TO	WIDTH	ASSAYS
	LAYERING: 15.50 = 70° C.A. FRACTURES 16.46 - 07°/C.A.					
16.86-33.53	Migmatitic Quartz-Biotite (~Sillimanite) Schist. Dark grey to black, well foliated quartz-biotite schist, (locally sillimanite-bearing) with layers and lenses of granodiorite 1-20 CM thick. 16.92-17.53M graphitic and pyrite-bearing, fault zone? Granodiorite layers are light grey, medium to coarse-grained and generally muscovite bearing; often rusty and contain erratically disseminated pyrite and pyrrhotite.					
	FOLIATION - FRACTURES					
	17.98 38°/C.A. 27.13 65°/C.A. 25.45 05°/C.A.					
	20.36 65°/C.A. 29.87 75°/C.A. 16.95 08°/C.A. 25.69 10°/C.A.					
	24.38 40°/C.A. 32.92 65°/C.A. 24.54 30°/C.A. 30.11 05°/C.A.					
	25.15 || /C.A. 32.71 25°/C.A.					
	Lost core between 20.42 and 23.47M within dark grey quartzite unit; recovery about 10%. Also between 23.47M and 23.74M within granodiorite; recovery about 25%. Possible fault zone 20.42-23.47. 3-5 fractures per meter parallel to foliation throughout section.					
110.0	END OF HOLE					
	2.44M Casing left in hole.					
	Total recovery approx. 91%.					