



52J08NW0165 25 JUTTEN

010

DIAMOND DRILLING

TOWNSHIP: JUTTEN TWP.

REPORT NO: 25

WORK PERFORMED FOR: Westmin Exploration Ltd.

RECORDED HOLDER: Same as Above [xx]
: Other []

<u>Claim No.</u>	<u>Hole No.</u>	<u>Footage</u>	<u>Date</u>	<u>Note</u>
Pa 829933	J-88-1	213.2'	Aug/88	(1)
	J-88-2	295.2'	Aug/88	(1)
	J-88-3	321.5'	Aug/88	(1)
Pa 829712	J-88-4	196.8'	Aug/88	(1)
Pa 829715	J-88-5	246'	Aug/88	(1)
	J-88-6	246'	Aug/88	(1)
Pa 829713	J-88-7	262.5'	Aug/88	(1)
Pa 829933	J-88-8	196.8'	Aug/88	(1)

Notes: (1) #W8803.241, filed in Feb/89

REPORT ON DIAMOND DRILLING

JUTTEN PROPERTY

Jutten Township (G.2874)
Patricia Mining Division
N.T.S. 52-J-7

by

C. J. Rockingham



Westmin Exploration Ltd.
25 Adelaide Street East
Suite 1400
Toronto, Ontario
M5C 1Y2

JUTTEN DRILLING SUMMARY

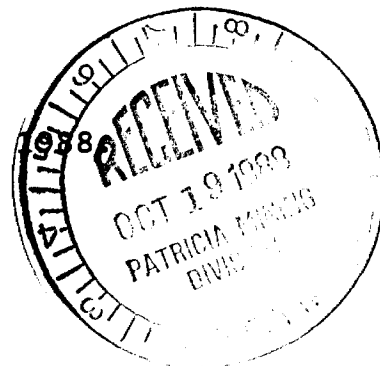
Hole	Location	Az	Depth (m)	Samples	Comments
1	1+05S 3+00E -45	180°	65	10,101-121	-35m below trench sph,gal,py in sericite schist 3m
2	1+05S 3+00E -60	180°	90	10,122-140	-sph,gal,py in sericite schist 5.6m of 1;2% sp gal,py and silver needles possibly silver mineral
3	0+55S 4+00E	180°	98	10,141-153	-tested VLF anomaly and sericite schist horizon -no apparent cause for anomaly and very low sulfide content in main horizon
4	0+40S 6+00E	180°	60	10,154-163	-test Au,Zn soil anomalies on sericite schist -trace sp(?) in mafic volc.
5	3+10N 11+00E	0°	75	10,164-166	-outcrop sample 60ppm Ag -Altn. Index - 86 -no significant sulfides
6	1+40N 12+00E	0°	75	10,167-181	-50mho Max-Min conductor 12.5m of po,py (asp,cpy) including 4.7m of quartz, dolomite (po,py)
7	5+10S 10+00E	180°	80	10,182-190	-80% VLF anomaly 1972 12.5g/t/1.3m -10.7m of red clay, quartz vein within mafic volc.
8	0+80S 3+40E	180°	60	10,191-202	-40m NE of holes 1 and 2 -2.5m of 1% sph,py in sericite schist -lower sulfide content than holes 1 and 2

603 meters

C. J. Rockingham

August 19, 1988

File: JUT-DD



JUTTEN PROJECT

SUMMARY OF SIGNIFICANT ASSAYS

Hole No.	Location	Azimuth Depth Dip	Interval (metres)	Thick (m)	Gold Pulp ppb	Gold Reject g/t	Silver ppm	Lead ppm	Zinc ppm
1	105 S	180	45.1-45.6	0.5	370	0.27	12.0	38	72
		65	45.6-46.6	1.0	490	0.65	64.1	462	472
	300 E	-45	46.6-47.1	0.5	270	0.31	38.4	676	1346
			47.1-48.1	1.0	170	0.51	4.0	132	760
2	105 S	180	65.0-66.0	1.0	205	0.24	2.8	84	883
		90	66.0-67.0	1.0	300	0.69	7.8	326	1178
	300 E	-60	67.0-68.0	1.0	370	0.41	20.6	646	3671
			68.0-69.0	1.0	2320	2.26	>200	16900	18100
			69.0-70.0	1.0	2690	3.19	199	9878	13200
			70.0-71.0	1.0	490	0.58	91.8	1254	3754
			71.0-72.0	1.0	145	0.14	24.4	174	2666
	Sludge sample		65.0-71.0	6.0	>10,000	9.67	--	--	--
6	140 N	0	44.0-45.2	1.2	150	2.75	5.6	28	105
		75	45.2-46.4	1.2	35	n/a	2.8	n/a	n/a
	1200 E	-45							
8	80 S	180	53.0-54.0	1.0	175	0.17	2.8	40	9600
		60	54.0-55.0	1.0	100	0.21	4.0	32	2138
	340 E	-45	55.0-56.0	1.0	555	0.41	3.8	68	873



Page: 1
 Co-ords: -105 300 E
 Azimuth: 180.0
 Dip: -45.0
 Length: 65.0
 Core Size: BD
 Purpose: Test the main showing

WESTMIN RESOURCES LIMITED
 DIAMOND DRILL RECORD

PROPERTY: JUTTEN TOWNSHIP
 HOLE NO.: J-88-1

Date Started: 8/8/88
 Date Completed: 9/8/88
 Date Logged: 9/8/88
 Logged by: C.R.

Dip Tests
 Depth Az. Dip
 65.00 -35.0
 from to
 (m) (m)

Sample from to Length Au Au Pb Zn Ag
 No. (m) (m) (m) ppb g/t ppm ppm ppm

.0 13.0 OVERBURDEN AND CASING

13.0 37.0 FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS

Medium grain, fine grained mafic flows with well developed foliation 45 to 50 degrees to core axis, composition is dominantly chlorite, hornblende, feldspar, calcite, minor quartz, and minor hematite on foliation, fine grained disseminated magnetite 13 to 17 meters, typical greenstone. 22 to 23 fragments of quartz and mafic volcanic. 24.4 to 26 trace sphalerite and pyrite in quartz calcite veins. 26 to 28.6 fine grained mafic flow. 28.6 to 33 medium grained calcite rich flow, hematite on foliation 40 degrees to core axis. 33 to 37 mafic flow, chlorite occurs as 1 to 2 mm eyes.

10101	24.4	25.2	.8	<5	n/a	n/a	n/a	.1
10102	25.2	26.0	.8	<5	n/a	n/a	n/a	.1



37.0 40.6 QUARTZ-SERICITE SCHIST

Light grey, well developed foliation 45 degrees to core axis, composition quartz, yellow-brown sericite and minor calcite with 1 to 2 % disseminated pyrite and pale brown red mineral, hematite, possibly sphalerite, clay on foliation at contact.

10103	37.0	38.0	1.0	10	n/a	n/a	n/a	.5
10104	38.0	39.0	1.0	<5	n/a	n/a	n/a	.4
10105	39.0	40.0	1.0	<5	n/a	n/a	n/a	.2
10106	40.0	40.6	.6	<5	n/a	n/a	n/a	.5

40.6 44.1 QUARTZ FELDSPAR PORPHYRY

Soft light grey with 5 % 1 to 3 mm feldspar altered to calcite and a quartz calcite biotite matrix, less than 1 % disseminated pyrite, 1 cm thick quartz veins parallel to core axis 41.5 to 42.2.

10107	40.6	41.0	.4	<5	n/a	n/a	n/a	.3
10108	41.0	42.0	1.0	<5	n/a	n/a	n/a	.1
10109	42.0	43.0	1.0	<5	n/a	n/a	n/a	.3
10110	43.0	44.1	1.1	<5	n/a	n/a	n/a	.2

from (m)	to (m)		Sample No.	from (m)	to (m)	Length (m)	Au ppb	Au g/t	Pb ppm	Zn ppm	Ag ppm
44.1	47.1	QUARTZ-SERICITE SCHIST									
		44.1 to 45.1 medium grey quartz	10111	44.1	45.1	1.0	45	n/a	n/a	n/a	.6
		sericite, minor pyrite, foliation 30	10112	45.1	45.6	.5	270	.27	38	72	12.0
		to 45 degrees to core axis average 45	10113	45.6	46.6	1.0	650	.65	462	472	64.1
		degrees to core axis.	10114	46.6	47.1	.5	310	.31	676	1346	38.4
		45.1 to 47.1 pale yellow quartz									
		sericite schist with 1 to 3 %									
		disseminated and stringer pyrite up to									
		1 cm thick with 1 % sphalerite and									
		fine grained disseminated galena.									
47.1	65.0	FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS									
		Medium grain fine grained well	10115	47.1	48.1	1.0	510	.51	132	760	4.0
		developed foliation 40 to 45 degrees	10116	52.0	53.0	1.0	15	n/a	n/a	n/a	2.4
		to core axis, possibly a mafic tuff,	10117	54.0	55.0	1.0	<5	n/a	n/a	n/a	.5
		abundant calcite as eyes up to 3 mm,	10118	55.0	56.0	1.0	<5	n/a	n/a	n/a	.3
		sampled sections have 1 to 2 % pyrite	10119	59.0	60.0	1.0	<5	n/a	n/a	n/a	.1
		as stringers associated with quartz	10120	60.0	61.0	1.0	10	n/a	n/a	n/a	1.0
		and calcite.	10121	61.0	62.0	1.0	<5	n/a	n/a	n/a	4.1
		END OF HOLE.									

C. Frothingham



Page: 1
 Co-ords: -105. 300 E
 Azimuth: 180.0
 Dip: -60.0
 Length: 90.0
 Core Size: 80
 Purpose: Test the main showing at 50 m depth

WESTMIN RESOURCES LIMITED
 DIAMOND DRILL RECORD

PROPERTY: JUTTEN TOWNSHIP
 HOLE NO.: J-88-2

Date Started: 9/8/88
 Date Completed: 9/8/88
 Date Logged: 10/8/88
 Logged by: C.R.

Dip Tests

Depth Az. Dip
 90.00 -60.0

from to
 (m) (m)

Sample from to Length Au Au Pb Zn Ag
 No. (m) (m) (m) ppb g/t ppm ppm ppm

.0 13.3 OVERBURDEN AND CASING

13.3 53.0 FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS

Dark green fine grained to medium grained mafic flows, moderate to well develop foliation 20 to 40 degrees to core axis, average 30 degrees to core axis, rock composition is chlorite, calcite, quartz and feldspar with less than 1 % sulfide as disseminated pyrite, minor hematite and clay on fractures.

18.5 to 19.5 blocky, highly fractured core.

36.5 to 43 medium grained with chlorite as 1 to 2 mm clots defining foliation.

43 to 45.7 fine grained mafic flow.

45.7 to 51.8 well developed foliation defined by chlorite clots 20 to 30 degrees to core axis, same as above 36.5 to 43.

51.8 to 52.1 quartz sericite schist, clay on foliation.

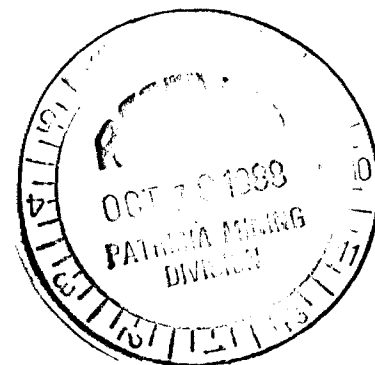
53.0 58.5 QUARTZ-SERICITE SCHIST

Light grey quartz sericite schist with yellow-brown to white sericite, well developed foliation 20 to 40 degrees to core axis, average 25 degrees to core axis, 1 to 3 % sulfides irregularly distributed throughout, 53 to 56 medium grained disseminated pyrite and stringers of brown sphalerite and fine grained galena.

10122	53.0	54.0	1.0	<70	<.07	10	3544	.2
10123	54.0	55.0	1.0	20	n/a	n/a	n/a	.5
10124	55.0	56.0	1.0	15	n/a	n/a	n/a	.1
10125	56.0	57.0	1.0	<5	n/a	n/a	n/a	.1
10126	57.0	58.0	1.0	<5	n/a	n/a	n/a	.3
10127	58.0	58.5	.5	<5	n/a	n/a	n/a	.1

58.5 61.2 DACITIC META VOLCANIC

Light grey fine grained quartz calcite biotite matrix with moderate foliation, 5 % subhedral feldspar 1 to 3 mm, 5 to 10 mm quartz calcite veins,



WESTMIN RESOURCES LIMITED
HOLE NO.: J-88-2

from (m)	to (m)	Sample No.	from (m)	to (m)	Length (m)	Au ppb	Au g/t	Pb ppm	Zn ppm	Ag ppm
less than 1 % sulfide as coarse grained disseminated pyrite.										
61.2	71.0	QUARTZ-SERICITE SCHIST								
Grey white quartz sericite schist with well developed foliation 20 to 30 degrees to core axis, abundant calcite in matrix.										
		10128	61.2	62.0	.8	<5	n/a	n/a	n/a	.1
		10129	62.0	63.0	1.0	<5	n/a	n/a	n/a	.2
		10130	63.0	64.0	1.0	85	n/a	n/a	n/a	2.6
		10131	64.0	65.0	1.0	20	n/a	n/a	n/a	1.8
		10132	65.0	66.0	1.0	240	.24	84	883	2.8
		10133	66.0	67.0	1.0	690	.69	326	1178	7.8
		10134	67.0	68.0	1.0	410	.41	646	3671	20.6
		10135	68.0	69.0	1.0	2260	2.26	16900	18100	>200.0
		10136	69.0	70.0	1.0	3190	3.19	9878	13200	199.0
		10137	70.0	71.0	1.0	580	.58	1254	3754	91.8
						*Sludge sample 65-71 m 9.67 g/t				

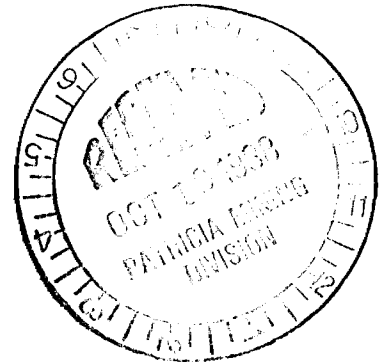
71.0 90.0 FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS

Similar in composition to medium grained unit from 45.7 to 51.8 meters, fine grained to medium grained dark green mafic rock with well developed foliation 20 to 40 degrees to core axis, average 30 degrees to core axis.

Rock composition chlorite, calcite and very fine grained quartz feldspar matrix, calcite in matrix and as 2 to 3 mm eyes possibly after feldspar. Sulfide content less than 1 % except in sampled sections where pyrite occurs as medium grained stringers in concordant quartz calcite layers.
END OF HOLE.

10138	71.0	72.0	1.0	140	.14	174	2666	24.4
10139	74.0	75.0	1.0	15	n/a	n/a	n/a	2.3
10140	80.0	81.0	1.0	30	n/a	n/a	n/a	3.9

C. Roddigan



WESTMIN RESOURCES LIMITED
HOLE NO.: J-88-3

from (m)	to (m)	Sample No.	from (m)	to (m)	Length (m)	Au ppb	Au g/t	Pb ppm	Zn ppm	Ag ppm
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C. Rodriguez

Page: 1
 Co-ords: -40N 600 E
 Azimuth: 180.0
 Dip: -45.0
 Length: 60.0
 Core Size: BQ
 Purpose: Test Au Zn soil anomalies

WESTMIN RESOURCES LIMITED
 DIAMOND DRILL RECORD

PROPERTY: JUTTEN TOWNSHIP
 HOLE NO.: J-88-4

Date Started: 12/8/88
 Date Completed: 12/8/88
 Date Logged: 13/8/88
 Logged by: C.R.

Dip Tests
 Depth Az. Dip

from (m)	to (m)	Sample No.	from (m)	to (m)	Length (m)	Au ppb	Au g/t	Pb ppm	Zn ppm	Ag ppm
.0	3.5									
3.5	4.5									
4.5	5.5									
5.5	11.4									
11.4	12.2	10154	11.4	12.2	.8	<5	n/a	n/a	n/a	.2
12.2	20.0									
20.0	27.5	10155	20.0	21.0	1.0	<5	n/a	n/a	n/a	.1

WESTMIN RESOURCES LIMITED
HOLE NO.: J-88-4

from (m)	to (m)		Sample No.	from (m)	to (m)	Length (m)	Au ppb	Au g/t	Pb ppm	Zn ppm	Ag ppm
		degrees to core axis, rock is fine grained quartz sericite schist with pale yellow green sericite and grey quartz feldspar matrix with minor calcite veinlets and trace pyrite on foliation planes and fractures, possibly talcose.	10156	21.0	22.0	1.0	<5	n/a	n/a	n/a	.2
			10157	22.0	23.0	1.0	<5	n/a	n/a	n/a	.2
			10158	23.0	24.0	1.0	<5	n/a	n/a	n/a	.1
			10159	24.0	25.0	1.0	<5	n/a	n/a	n/a	.1
			10160	25.0	26.0	1.0	<5	n/a	n/a	n/a	.3
			10161	26.0	27.5	1.5	<5	n/a	n/a	n/a	1.0

Core is blocky, highly fractured core.

27.5 60.0 FINE TO MEDIUM GRAINED MAFIC VOLCANIC
FLOWS

		Typical mafic flows, possibly pillowed, fine grained to medium grained dark green with abundant calcite veinlets concordant to foliation, sulfide content less than 1 % except in sampled sections where concordant layers of pyrite and possibly fine grained sphalerite and trace chalcopyrite occur with red brown gossanous material.	10162	31.0	32.3	1.3	<5	n/a	n/a	n/a	1.5
			10163	36.5	37.5	1.0	40	n/a	n/a	n/a	.2

END OF HOLE.

C. Rodin

Page: 1
 Co-ords: 310N 1100 E
 Azimuth: .0
 Dip: -45.0
 Length: 75.0
 Core Size: 80

WESTMIN RESOURCES LIMITED
 DIAMOND DRILL RECORD

PROPERTY: JUTTEN TOWNSHIP
 HOLE NO.: J-88-5

Purpose: 60 ppm Ag chip sample in outcrop with Alteration Index = 86

Date Started: 13/8/88
 Date Completed: 14/8/88
 Date Logged: 15/8/88
 Logged by: C.R.

Dip Tests
 Depth Az. Dip

from (m)	to (m)	Sample No.	from (m)	to (m)	Length (m)	Au ppb	Au g/t	Pb ppm	Zn ppm	Ag ppm
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.0 2.2 OVERBURDEN AND CASING

2.2 53.2 FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS

Fine grained to medium grained green, moderate to well developed foliation 45 degrees to core axis defined by chlorite and calcite, less than 1 % pyrite irregularly distributed throughout, 1 to 2 cm layer of 5 % pyrite at 15.6 and 18.6 meters. Circular structures of quartz and calcite from 19 to 53 are probably amygdular, hematite stains on fractures from 30 to 32.

53.2 56.0 INTERMEDIATE VOLCANIC

White fine grained moderate foliation 45 degrees to core axis, composition quartz chlorite sericite, trace pyrite at 53.2 in siliceous Breccia 10 cm thick and 3 cm tourmaline cemented Breccia at 55.6 meters.

10164	53.2	54.0	.8	<5	n/a	n/a	n/a	.2
10165	54.0	55.0	1.0	<5	n/a	n/a	n/a	.1
10166	55.0	56.0	1.0	<5	n/a	n/a	n/a	.4

56.0 75.0 FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS

Similar in composition to unit from 2.2 to 53.2 but noted amygdular structures.
 END OF HOLE.

C. Rodinham

Page: 1
 Co-ords: 140N 1200 E
 Azimuth: .0
 Dip: -45.0
 Length: 75.0
 Core Size: BQ
 Purpose: 50 mho conductor

WESTMIN RESOURCES LIMITED
 DIAMOND DRILL RECORD

PROPERTY: JUTTEN TOWNSHIP
 HOLE NO.: J-88-6

Date Started: 15/8/88
 Date Completed: 15/8/88
 Date Logged: 16/6/88
 Logged by: C.R.

Dip Tests
 Depth Az. Dip

from (m)	to (m)	Sample No.	from (m)	to (m)	Length (m)	Au ppb	Au g/t	Pb ppm	Zn ppm	Ag ppm
.0	3.0	OVERBURDEN AND CASING								
3.0	44.0	FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS								
		10167	42.0	43.0	1.0	<5	n/a	n/a	n/a	.7
		10168	43.0	44.0	1.0	40	n/a	n/a	n/a	1.3
		3 to 23 mafic flow, medium grained massive to poorly foliated 45 degrees to core axis, 17.2 2.5 cm of 5 % pyrite, arsenopyrite.								
		23 to 44 mafic flow possibly pillowed flows, fine grained green well developed foliation 35 to 45 degrees to core axis, abundant calcite veinlets and calcite in matrix in contrast to mafic flows from 3 to 23 that have vein low calcite content, layers of dark green fine grained mineral possibly hornblende, minor pyrrhotite from 23 to 25 with associated biotite or phlogopite, trace coarse grained pyrite at 32, 38.9, 41.5 meters.								
44.0	56.5	SULFIDE IRON FM								
		10169	44.0	45.2	1.2	2740	2.74	28	105	5.6
		10170	45.2	46.4	1.2	35	n/a	n/a	n/a	2.8
		10171	46.4	47.4	1.0	<5	n/a	n/a	n/a	.6
		10172	47.4	48.6	1.2	90	n/a	n/a	n/a	1.8
		10173	48.6	49.8	1.2	60	n/a	n/a	n/a	2.1
		10174	49.8	51.0	1.2	20	n/a	n/a	n/a	.8
		10175	51.0	52.0	1.0	20	n/a	n/a	n/a	1.1
		10176	52.0	53.0	1.0	5	n/a	n/a	n/a	.3
		10177	53.0	53.8	.8	<5	n/a	n/a	n/a	.5
		10178	53.8	54.5	.7	45	n/a	n/a	n/a	.6
		10179	54.5	55.5	1.0	35	n/a	n/a	n/a	.9
		10180	55.5	56.5	1.0	30	n/a	n/a	n/a	1.6
		44.1 to 45.2 semi-massive pyrrhotite in stockwork with dark green chlorite, pyrite is framboidal and vuggy.								
		45.2 to 47.4 dark green foliated chlorite calcite with 1 % pyrrhotite, pyrite, foliation 35 to 45 degrees to core axis.								
		47.4 to 49.8 semi-massive pyrrhotite, pyrite, trace chalcopyrite and arsenopyrite at 48.4, sulfides are concordant veins of massive sulfide within dark green chlorite, biotite and quartz calcite concordant veinlets.								
		49.8 to 54.5 quartz carbonate with chlorite fragments and 5 % sulfide,								

from to
(m) (m)

Sample from to Length Au Au Pb Zn Ag
No. (m) (m) (m) ppb g/t ppm ppm ppm

carbonate is dominantly dolomite with a crustiform texture, rock is 75 % quartz carbonate.

54.5 to 56.5 chlorite sulfide quartz carbonate rock, sulfide dominantly pyrrhotite 10 % , 1 to 4 mm actinolite needles within quartz carbonate sulfide, pyrite is 2 mm.

56.5 61.2 QUARTZ FELDSPAR PORPHYRY

Light grey fine grained rock with moderate foliation 45 degrees to core axis, rock composition quartz sericite calcite matrix and 1 to 2 mm quartz phenocrysts.

61.2 63.9 QUARTZ-SERICITE SCHIST

Yellow grey fine grained quartz sericite rock with well developed foliation 45 degrees to core axis.

63.9 75.0 FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS

Dark green fine grained to medium grained massive to moderate foliation 45 degrees to core axis, 5 % pyrite, pyrrhotite 60 cm thick at contact, calcite in vein and veinlets, sulfide content less than 1 %.
END OF HOLE.

10181 63.9 65.0 1.1 <5 n/a n/a n/a 1.3

C. Roddighan

Page: 1
 Co-ords: -510N 1000 E
 Azimuth: 180.0
 Dip: -45.0
 Length: 80.0
 Core Size: BQ
 Purpose: 1972 hole 12.5 g Ag/t/13 m

WESTMIN RESOURCES LIMITED
 DIAMOND DRILL RECORD

PROPERTY: JUTTEN TOWNSHIP
 HOLE NO.: J-88-7

Date Started: 16/8/88
 Date Completed: 17/8/88
 Date Logged: 17/8/88
 Logged by: C.R.

Dip Tests
 Depth Az. Dip

from (m)	to (m)	Sample No.	from (m)	to (m)	Length (m)	Au ppb	Au g/t	Pb ppa	Zn ppa	Ag ppa
.0	4.2	OVERBURDEN AND CASING								
4.2	29.5	FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS Variolitic pillowed flows, light green fine grained massive rock with typical mafic flow composition, pale green epidote rich sections with breccia fragments of mafic rock, 0.5 cm pale green white variolites, trace sulfides.								
29.5	31.8	QUARTZ FELDSPAR PORPHYRY Light blue grey to white, fine grained siliceous matrix with 2 to 3 mm euhedral to subhedral feldspars, some hematite on fractures, 30.6 to 31.2 mafic flow.								
31.8	35.6	10182	34.8	35.6	.8	<5	n/a	n/a	n/a	.5
		Same as above, 34.8 to 35.6 rock is highly weathered, chlorite altered to clay and blocky, highly fractured core, black dendritic manganese mineral								
35.6	46.3	10183	35.6	41.0	5.4	<5	n/a	n/a	n/a	.1
		10184	41.0	42.5	1.5	<5	n/a	n/a	n/a	.1
		10185	42.5	44.0	1.5	<5	n/a	n/a	n/a	.1
		10186	44.0	46.3	2.3	<5	n/a	n/a	n/a	.1
		Red brown clay and quartz 5.5 meters of core recovered in 10.7 meters of rock, quartz is milky white with noted sulfide content, 42.5 to 44 dominantly quartz.								
46.3	50.0	10187	46.3	47.0	.7	<5	n/a	n/a	n/a	1.3
		FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS Same as above mafic units.								
50.0	52.7	10188	50.0	51.4	1.4	<5	n/a	n/a	n/a	.2
		10189	51.4	52.7	1.3	<5	n/a	n/a	n/a	.2
		CLAY GOUGE Light green clay seams and weathered rock.								

WESTMIN RESOURCES LIMITED
HOLE NO.: J-88-7

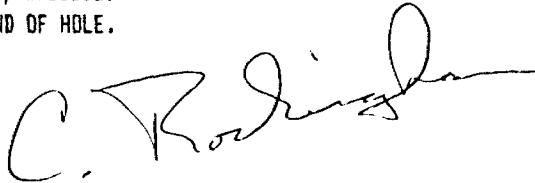
from to
(m) (m)

Sample from to Length Au Au Pb Zn Ag
No. (m) (m) (m) ppb g/t ppm ppm ppm

52.7 80.0 FINE TO MEDIUM GRAINED MAFIC VOLCANIC
FLOWS

Typical mafic flows , massive fine
grained dark green , vuggy and blocky,
highly fractured core from 55 to 72.3,
vugs have white fine grained zeolite,
72.3 to 80 foliated mafic flows with
abundant calcite, foliation 70 to 0
degrees to core axis, possibly a flow
top breccia.
END OF HOLE.

10190 56.0 57.0 1.0 10 n/a n/a n/a .2



Page: 1
 Co-ords: -8C 340 E
 Azimuth: 180.0
 Dip: -45.0
 Length: 60.0
 Core Size: BQ
 Purpose: 40 m E of showing

WESTMIN RESOURCES LIMITED
 DIAMOND DRILL RECORD

PROPERTY: JUTTEN TOWNSHIP
 HOLE NO.: J-88-8

Date Started: 17/8/88
 Date Completed: 17/8/88
 Date Logged: 18/8/88
 Logged by: C.R.

Dip Tests
 Depth Az. Dip

from (m)	to (m)	Sample No.	from (m)	to (m)	Length (m)	Au ppb	Au g/t	Pb ppm	Zn ppm	Ag ppm
.0	20.0	OVERBURDEN AND CASING								
20.0	44.4	FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS Typical foliated mafic flows, 20 to 35 meters green clay and blocky, highly fractured core, 1 % pyrite 39.3 to 40.3, well developed foliation 40 to 50 degrees to core axis, dark green foliated mafic flows, abundant calcite in matrix.								
		10191	39.3	40.3	1.0	140	.14	8	791	1.0
44.4	47.0	QUARTZ-SERICITE SCHIST Vein soft well developed foliation 45 degrees to core axis trace sulfides, possibly talcose, similar in composition to unit in holes 1, 2 and 3								
		10192	44.4	46.0	1.6	10	n/a	n/a	n/a	.5
		10193	46.0	47.0	1.0	5	n/a	n/a	n/a	.7
47.0	48.0	QUARTZ FELDSPAR PORPHYRY Similar in composition to unit in holes 1, 2 and 3.								
		10194	47.0	48.0	1.0	<5	n/a	n/a	n/a	.1
48.0	56.0	QUARTZ-SERICITE SCHIST Same as above, 1 % sphalerite from 53 to 55.5 meters.								
		10195	48.0	49.0	1.0	<5	n/a	n/a	n/a	.3
		10196	49.0	50.0	1.0	65	n/a	n/a	n/a	.2
		10197	50.0	51.0	1.0	35	n/a	n/a	n/a	.3
		10198	51.0	52.0	1.0	20	n/a	n/a	n/a	.4
		10199	52.0	53.0	1.0	10	n/a	n/a	n/a	.6
		10200	53.0	54.0	1.0	170	.17	40	9600	2.8
		10201	54.0	55.0	1.0	210	.21	32	2138	4.0
		10202	55.0	56.0	1.0	410	.41	68	873	3.8
56.0	60.0	FINE TO MEDIUM GRAINED MAFIC VOLCANIC FLOWS Similar in composition to unit from 20 to 44.4, foliation 40 to 50 degrees to core axis. END OF HOLE.								

C. Rodenham

19M

20M

21M

22M

"FILED ONLY"

Savant

Stillar

Boy

Lake

Tutter Top
G-2874

Hackett

TB

TB

Pa

37942

37809

TB

TB

37814

37812

L.

Pa

Pa

1039281

1039282

South Arm

867423

867428

867424

867421

867425

867427

867422

867426

Pa 829929

Pa 829711

Pa 829714

Pa 829715

Pa 829933

Pa 829712

Pa 829713

Pa 829716

Pa 829937

aked
LED ONLY"

Savant

Lake

then



Name and Postal Address of Recorded Holder
Westmin Exploration Ltd. T-4638
 25 Adelaide Street East, Suite 1400, Toronto, Ontario M5C 1Y2

Summary of Work Performance and Distribution of Credits *JUTTEN Twp. G-287d*

Total Work Days Cr. claimed 1978	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	Pa	829711	120	Pa	829929	130	Pa	867421	130
		829712	60		829933	80		867422	138
		829713	120		829937	120		867423	130
		829714	80					867424	130
		829715	80					867425	140
		829716	120					867426	130
								867427	130
							867428	140	

All the work was performed on Mining Claim(s): Pa 829712, Pa 829713, Pa 829715, Pa 829933

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

Hole	Depth	Claim
J-88-1	65 m = 213.2 feet	Pa 829933
J-88-2	90 m = 295.2 feet	Pa 829933
J-88-3	98 m = 321.5 feet	Pa 829933
J-88-4	60 m = 196.8 feet	Pa 829712
J-88-5	75 m = 246.0 feet	Pa 829715
J-88-6	75 m = 246.0 feet	Pa 829715
J-88-7	80 m = 262.5 feet	Pa 829713
J-88-8	60 m = 196.8 feet	Pa 829933

603 m = 1978 feet

Drilling done between 8 August - 18 August 1988

Contractor: Midwest Drilling
 180 Cree Crescent
 Winnipeg, Manitoba
 R3J 3W1

ONTARIO GEOLOGICAL SURVEY
 ASSESSMENT FILES
 OFFICE

 NOV 4 1988

RECEIVED
 OCT 19 1988
 PATRICIA M...
 DIVISION

RECORDED

RECEIVED	Date of Report 18 Oct. 1988	Recorded Holder or Agent (Signature) <i>Suprejanov</i>
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Certification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying **C. J. Rockingham**

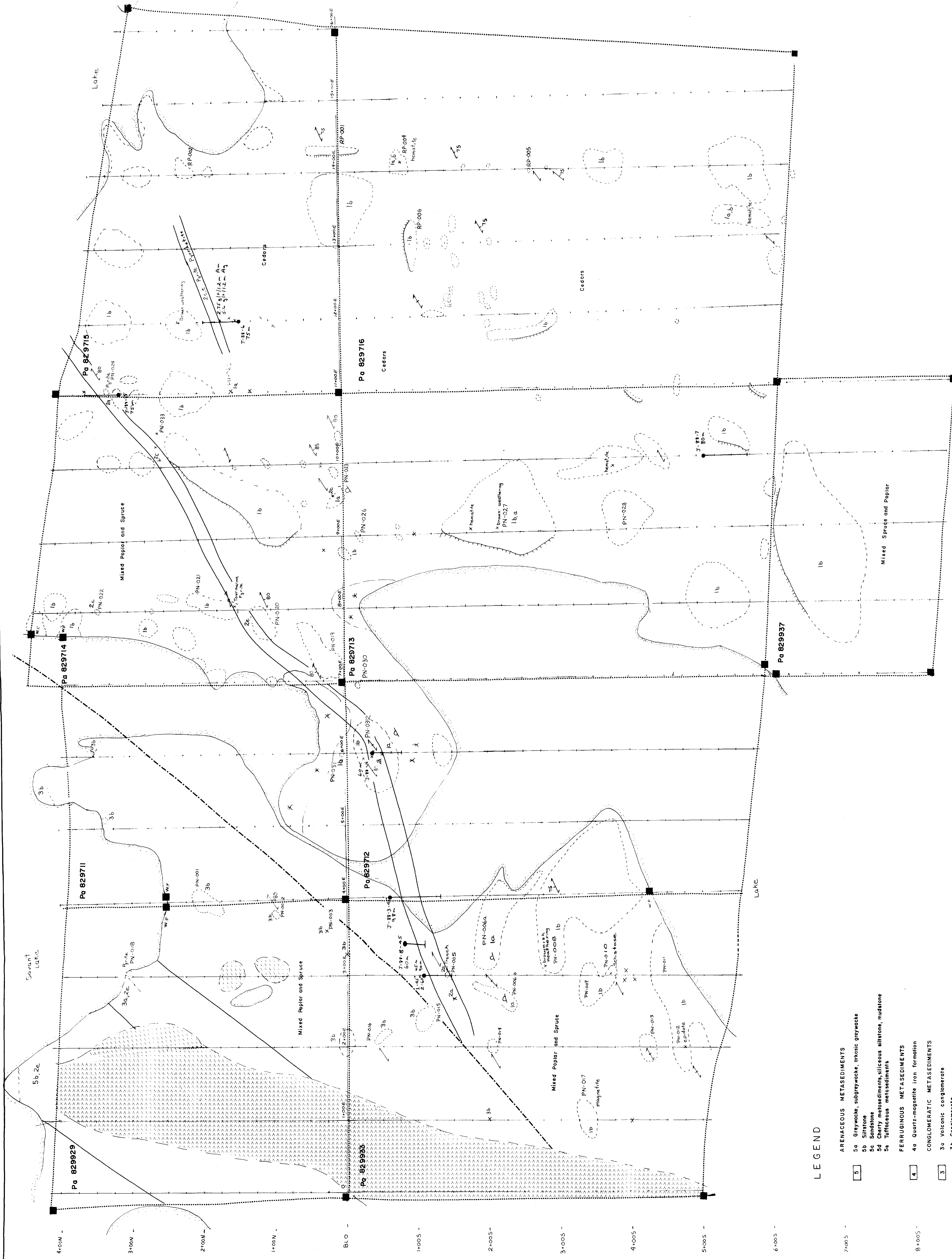
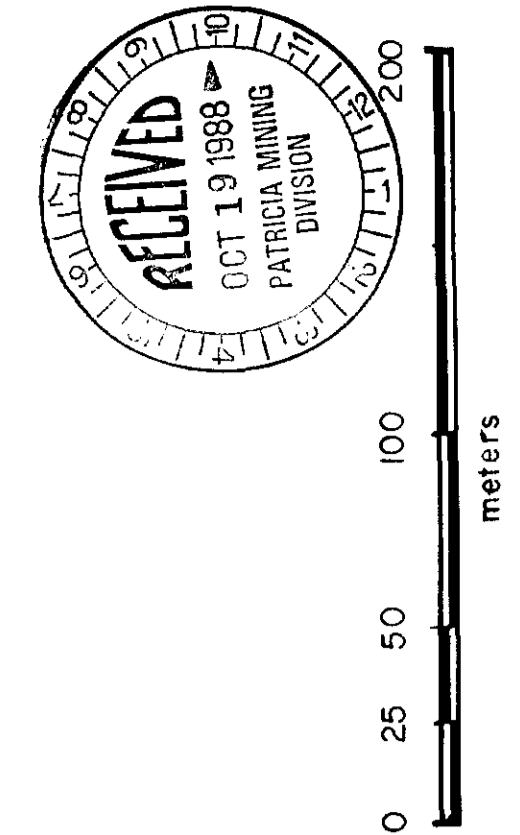
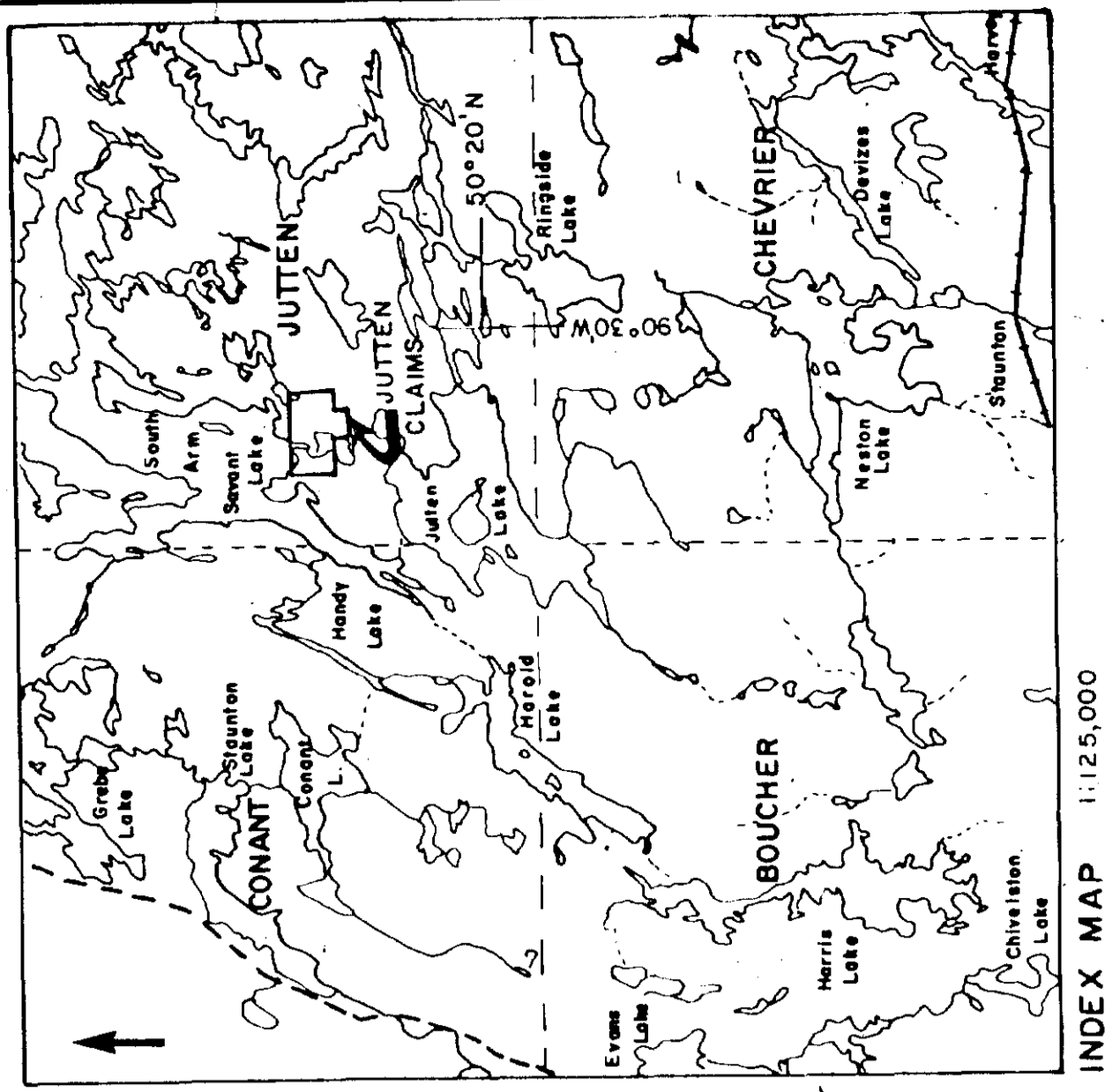
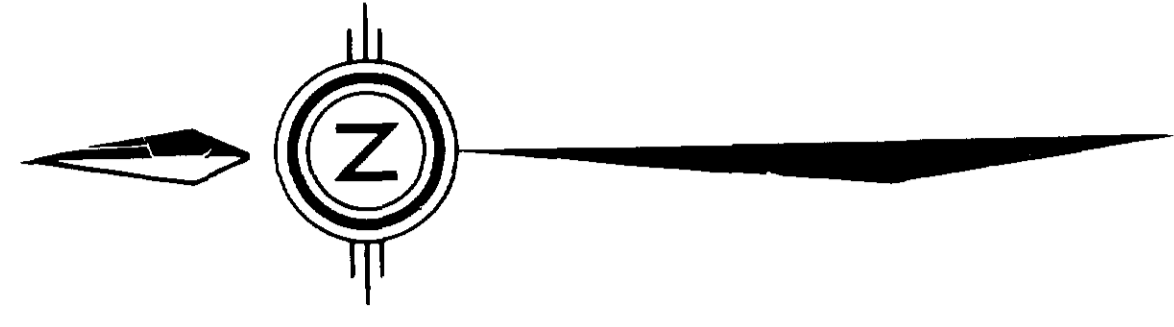
25 Adelaide St. E., #1400, Toronto, Ont. M5C 1Y2

Date Certified **18 Oct. 1988**

Certified by (Signature) *C. Rockingham*

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work /operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	Nil	Nil
Land Survey	Name and address of Ontario land surveyor.		



LEGEND

- ARENACEOUS METASEDIMENTS
 - 5a Graywacke, subgraywacke, oncolite graywacke
 - 5b Siltstone
 - 5c Cherty metasediments, siliceous siltstone, mudstone
 - 5d Tuffaceous metasediments
- FERRUGINOUS METASEDIMENTS
 - 4a Quartz-magnetite iron formation
- CONGLOMERATIC METASEDIMENTS
 - 3a Volcanic conglomerate
 - 3b Conglomerate
- FELSIC TO INTERMEDIATE METAVOLCANICS
 - 2a Quartz-actinolite schist
 - 2b Actinolite to sodic metagranites
 - 2c Quartz-feldspar porphyry, quartz porphyry
 - 2d Feldspar porphyry
 - 2e Tuff
- INTERMEDIATE TO MAFIC METAVOLCANICS
 - 1a Pillow lavas
 - 1b Fine to medium-grained flows, derived amphibolites
 - 1c Medium to coarse-grained flows, derived amphibolites
 - 1d Porphyritic (feldspar) flows
- ESKER
- SWAMP

