

Diamond Drilling

Area SHARRON LAKE

Report NO 15

Work performed by: W.M. THOMPSON (NEW INSCO MINES LTD.)

Claim NO	Hole NO	Footage	Date	Note
PA 44954	R75-1	259.0'	July/75	(1)
	R75-2	303.0'	July/75	(1)
PA 44957	R75-3	304.0'	July/75	(1)
	R75-4	257.0'	July/75	(1)
	R75-5	381.0'	July/75	(1)

TOTAL: 5 DH 1504 FT

Notes:

(1) #82-75

NEW INSCO MINES LTD.

HOLE R75-1

ROSNEL, SHARRON LAKE AREA, ONTARIO

LOCATION OF HOLE

- CLAIM # 44954
- COLLAR AT 195' NORTH, 185' WEST OF POST #3, CLAIM # 44957
- NEW INSCO GRID 0+95N 0+30W

TESTS

<u>DEPTH</u>	<u>ANGLE</u>	<u>AZIMUTH</u>
0'	60°	125°
200		

DEPTH OF HOLE: 259' DIAMETER: BQ

STARTED: JULY 7, 1975

STOPPED: JULY 9, 1975

LOGGED BY: H.C. SAKRISON

*H. Sakrison*

DRILLED BY: MIDWEST DRILLING LTD.  
1072 KING EDWARD ST.,  
WINNIPEG, MANITOBA.

R75-1

P.1

FROM	TO	
0	7	OVERBURDEN
7	15	BASALT Green, carbonate "bleaching", irregular quartz-carbonate veinlets 1/16- $\frac{1}{2}$ " overall 5%.
15	20	FRAGMENTAL 80% fragments, rounded, fragment size decreases from $\frac{1}{2}$ " at base to 1/16" at top, gray-green.
20	25	BASALT fractured, chlorite in fractures, trace chalcopyrite, irregular quartz carbonate.
25	26.5	FRAGMENTAL As 15-20, gray-green.
26.5	58.5	BASALT FG-MG, massive, fractured (filled by quartz-car- bonate 5% overall). Green, major contact at 58.5'.
58.5	65.5	BASALT - CARBONATE RICH Slightly foliated, lighter green than above, 1% $\frac{1}{4}$ " quartz-carbonate veins-lenses.
65.5	68	RHYOLITE Aphanitic, creamy white, hardness greater than knife, fractures filled by quartz (5% overall), 0.6% pyrite, 0.2% chalcopyrite, disseminated and in fractures.
68	75.8	FINE TUFF Light, creamy green, rock largely sericite and carbonate, possibly up to 70% carbonate(fe), 1% 2mm quartz eyes, foliated: 30° to core axis.
	74-75.8	MINERALIZED ZONE 30% quartz veins with trace chalcopyrite, gray mineral.
75.8	79.5	QUARTZ PORPHYRY Light gray, 5% 2mm quartz phenocrysts, fractured, 0.4% disseminated pyrite.
79.5	85.7	FINE TUFF Darker green than 68-75.8 (more chlorite?) Abundant quartz lenses throughout, possibly 40% overall. 0.3% pyrite disseminated and along quartz lenses, foliated: 40° to core axis.

R75-1

P.2

FROM TO

84 - 85.7 MINERALIZED ZONE  
Quartz vein or lens, milky-gray; trace chalcop-  
pyrite and gray mineral.

85.7 96 RHYOLITE, SOME QUARTZ PORPHYRY  
Gray, chlorite specks, fractured, 0.3%  
disseminated pyrite, trace chalcopyrite.

96 135 FINE TUFF  
Similar to above.

96-106 Light creamy green (sericite color)  
to green (chlorite) 2% 1mm quartz grains,  
at 98.5 a few grains of metallic mineral  
the color of arsenopyrite, 0.2% pyrite  
disseminated overall, 20% irregular quartz  
lenses and veinlets.

106-111 Same but quartz up to 35%, white (possibly  
feldspar) with quartz in one place, here  
see speck of chalcopyrite and possibly  
gray mineral.

111-117 Same, but white, possibly feldspar,  
more common, possible specks of gray mineral.  
This is developed in three places, 2" @  
113', 1/4" @ 114' and 1" @ 117'.

117-121.5 Less quartz and white mineral (feldspar?)  
than above, a 1/4" veinlet @ 121' may have  
speck of gray mineral.

121.5-123.8 25% irregular quartz lenses some with 0.1%  
gray mineral.

123.8-125 80% quartz with chalcopyrite and sphalerite  
( $< 0.5\%$ ) and gray mineral (about 0.3%).

125-130 10% quartz lenses with no accompanying white  
mineral (feldspar).

130-135 10% scattered quartz lenses with white  
mineral, trace chalcopyrite; major contact  
at 135'.

135 184

COARSE FRAGMENTAL

Gray, poorly sorted, large irregular shaped  
creamy fragments with flattened quartz filled  
vesicles, other gray fragments more spherical,  
1% 2mm quartz grains. Probably south type  
fragmental; 75% fragments.

135-145 0.3% disseminated pyrite, trace chalcopyrite.

145-150 0.3% " " " "

150-156 0.6% pyrite 0.3% chalcopyrite. Rock is darker  
(chlorite?) in section with chalcopyrite.

156-159.5 QUARTZ PORPHYRY, gray, fractured, 1% 3mm  
bluish quartz grains, 0.2% chalcopyrite  
chlorite film along fractures.

159.5-160.8 fragmental + 15% quartz veins at contact in-  
cluded in assay sample. 0.3% disseminated pyrite

R75-1

P.3

FROM TO

173.5-183.5

QUARTZ DIORITE DIKE - uniform, massive gray, < 10% 3mm quartz phenocrysts.

- 184 194.5 LAPILLI FRAGMENTAL GRAY  
Same as 135-184 except fragments now  $\frac{1}{4}$ ", 70% fragments in dark matrix, < 10% quartz eyes (2mm), 2%  $\frac{1}{8}$ " carbonate veins, fragments aligned @ 50 to core axis.
- 194.5 250 FINE CLASTIC  
Alternating with LAPILLI FRAGMENTAL - green gray, some parts look like amygdalar basalt with quartz amydales (4mm) - also cut by short sections (1') of fractured quartz porphyry. BEDDING @ 195', 219', 222', outlined by  $\frac{1}{4}$ " creamy or gray-cherty layers @ 50-55° to core axis.
- 250 259 COARSE FRAGMENTAL  
as 135-184, gray, 75% fragments gray spherical fragments predominate most commonly  $\frac{1}{4}$ - $\frac{3}{8}$ ". Some 2-3"; gray fragments have 2mm (quartz phenocrysts), are aphanitic and are harder than a knife; cream fragments could be same material but altered; cream fragments seem always larger than surrounding fragments and are deformed, hardness less than knife.

SUMMARY: 1) Hole passes through a section dominantly dark gray basalt then through a section of porphyry bodies and sericite-carbonate rock probably a fine clastic and then into a series of dominantly medium dark gray fragmental rocks.

2) Mineralization is present in the porphyry (trace chalcopyrite) in quartz-carbonate-feldspar(?) veinlets (chalcopyrite-tetrahedrite?-galena?-sphalerite) and in fragmental rock (chalcopyrite).

3) Quartz lenses are scattered throughout the mineralized zone.

- 7-58.5 NORTH FRAGMENTAL (dominantly basalt) (short fragmental sections similar to south type).
- 58.5-135 Mineralized zone. (rhyolite-porphyry fine carbonate tuff - quartz veins).
- 135-259 (EOH) SOUTH FRAGMENTAL

R75-1

SAMPLE RECORD

<u>SAMPLE #</u>	<u>WIDTH</u>	<u>FOOTAGE</u>
R75-1-1	7'	53.5-65.5
-2	2.5'	65.5-68
-3	6'	68-74
-4	1.8'	74-75.8
-5	3.7'	75.8-79.5
-6	4.5'	79.5-84
-7	1.7'	84-85.7
-8	9.3	85.7-96
-9	10'	96-106
-10	5'	106-111
-11	6'	111-117
-12	4.5'	117-121.5
-13	2.3'	121.5-123.8
-14	1.2'	123.8-125
-15	5'	125-130
-16	5'	130-135
-17	10'	135-145
-18	5'	145-150
-19	6'	150-156
-20	3.5'	156-159.5

NEW INSCO MINES LTD.

HOLE R75-2

ROSNEL, SHARRON LAKE AREA, ONTARIO

LOCATION OF HOLE

- CLAIM # 44954
- COLLAR AT 44' WEST AND 430' NORTH OF POST #3 CLAIM # 44957
- NEW INSCO GRID 1+85N 1+90E

TESTS

<u>DEPTH</u>	<u>ANGLE</u>	<u>AZIMUTH</u>
0'	60°	125°

DEPTH OF HOLE: 303'      DIAMETER: BQ

STARTED: JULY 9, 1975

STOPPED: JULY 11, 1975

LOGGED BY: H.C. SAKRISON *H.C. Sakrison*

DRILLED BY: MIDWEST DRILLING LTD.  
1072 KING EDWARD ST.,  
WINNIPEG, MANITOBA.

FROM	TO	
0	3	OVERBURDEN
3	20	BASALT FRAGMENTAL Fragments indistinct, carbonate becomes iron rich near rhyolite.
20	66	RHYOLITE Gray, massive, hardness greater than knife, dark green, fractures filled by calcite 8%, 0.2% pyrite; fractured with chlorite along fractures and in specks, 0.3% pyrite and trace chalcopyrite in fractures.
66	78	BASALT FRAGMENTAL Fragments now distinct, angular and irregularly shaped, up to 3", bleached creamy, matrix is dark green, matrix makes up only 20% of rock.
78	83	RHYOLITE Same as 20-66
83	91	BASALT FRAGMENTAL Fragments smaller than 65-78, largest are lapilli sized, unit also bleached cream color throughout, carbonate no longer calcite - must be iron-carbonate.
91	180	MINERALIZED ZONE Little evidence of original rock type, probably all fine tuffs, perhaps with some massive basalt. Zone has 10% quartz veins overall, some, especially those with a white mineral (feldspar?), carry chalcopyrite plus a gray mineral presumably carrying silver; the smaller quartz veins and lenses are uniformly scattered, the larger ones (1' plus) are few, are the best mineralized and have been sampled separately (see sample record); alteration minerals common in zone are sericite, iron carbonate and quartz, present in lesser amounts are pyrite, talc(?) vein feldspar (?) and chalcopyrite, tetrahedrite(?) galena(?), a black mineral and something to color some of the silicate minerals a chrome green. FOLIATION is uniform at 40°-45°.
180	198	FINE TUFF Possibly the same as material in the mineralized zone, except less quartz veining; rock probably contains much iron carbonate, original textures are gone; colors dark green, light "sericite green", brownish; thin fractures filled by dark green (chlorite ?) less than 1%; Quartz veins about ¼" wide, irregular form; 4 specks of possible gray mineral, few specks of chalcopyrite, pyrite 0.3%



R75-2

P.2

FROM TO overall, less than 1% 2mm blue quartz eyes;  
FOLIATION is 45° to core axis - uniform.

198 215 COARSE BASALT FRAGMENTAL & FRACTURED MASSIVE BASALT  
Dark green with some finer grained lighter areas  
which may be fragments, 20% fractures filled by  
iron carbonate and minor calcite.

215 235 MAFIC DIKE OR FLOW  
Uniform, fractures filled by calcite, medium grained,  
dark green, soft.

235 262 QUARTZ PORPHYRY  
Fine grained, gray, hardness greater than knife.  
1% 2mm quartz phenocrysts; slightly fractured,  
thin, coated by films of chlorite; 1% 1/8" quartz  
veins.

262 284 MAFIC DIKE OR FLOW  
As 215-235

234 303 GRAY FRAGMENTAL

293-298 Quartz porphyry as 235-262.

Fragmental not clearly "south type" though distinct  
quartz grains are present, rock is crenulated in  
places (compare with R75-1) contains abundant sericite  
in places, lensoid mafic spots in places as in some  
large mafic fragments in south type breccia in out-  
crop. Some parts look like carbonate rich massive  
basalt (as in outcrop on both sides of zone) 5% 1/8"  
irregular quartz vein and lenses, original textures  
obscured.

303' END OF HOLE

R75-2

SAMPLE RECORD

<u>SAMPLE #</u>	<u>WIDTH</u>	<u>FOOTAGE</u>	<u>REMARKS</u>
R75-2-1	10'	90-100	5% quartz veins < 1/4" scattered throughout.
-2	7'	100-107	4% quartz veins < 1/4" scattered throughout, trace chalcopyrite gray mineral.
-3	2'	107-109	2% quartz lenses, 0.4% disseminated pyrite cubes, uniform sericite.
-4	1.8'	109-110.8	7% quartz veins + white mineral + trace gray mineral.
-5	3.5'	110.8-114.3	80% quartz veins + 0.7% gray mineral.
-6	1.2'	114.3-115.5	1% quartz veins < 1/8" wide, 0.4 pyrite.
-7	2.2'	115.5-117.7	60% quartz veins 6" & 1" wide Trace gray mineral.
-8	4.5'	117.7-122.3	1% 1/4" quartz veins - 2% soft mineral with chrome green color talc?, serpentine(?)
-9	0.7'	122.3-123.0	70% quartz with trace gray mineral.
-10	5'	123.0-128.0	< 1% quartz < 1/4" wide. Some chrome green tint in places.
-11	5'	128.0-133.0	2% quartz 1/4"-1/2" veins + white mineral + trace gray mineral.
-12	5'	133-138.0	2% quartz 1/4"-1/2" veins + white mineral + trace chalcopyrite.
-13	4'	138-142.0	5% quartz 1/2" veins scattered throughout as all above.
-14	1.5'	142-143.5	50% quartz in 7" vein and 2" vein with trace gray mineral and white feldspar(?).
-15	5'	143.5-148.5	2% quartz in < 1/2" veins + minor white mineral.
-16	4.1	148.5-152.6	1% quartz, vein, minor sericite.
-17	1.1'	152.6-153.7	10% quartz in 1" veins. Trace gray mineral?
-18	3.8'	153.7-157.5	2% quartz, largest 1". Some coarse white feldspar(?) Trace gray mineral?
-19	5.0'	157.5-162.5	50% quartz, largest 1". Moderate gray mineral in one 1" vein and white feldspar.
-20	3.5	162.5-166.0	5% quartz in < 1" vein. Some white mineral in one vein with trace gray mineral.
-21	3.2	166.0-169.2	20% quartz scattered throughout, chalcopyrite, gray mineral and black mineral scattered throughout.
-22	5'	169.2-174.2	5% quartz 1/2" <u>no</u> white mineral or gray mineral.
-23	5.8'	174.2-180	3% quartz <u>no</u> white mineral. Trace black mineral.

NEW INSCO MINES LTD.

HOLE R75-3

ROSNEL, SHARRON LAKE AREA, ONTARIO

LOCATION OF HOLE

- CLAIM # 44957, 80' EAST OF AND 623' NORTH OF  
POST #3

NEW INSCO GRID: 0+55N, 2+25W

	<u>TESTS</u>		
<u>DEPTH</u>	<u>ANGLE</u>	<u>AZIMUTH</u>	
0'	60°	125°	
STARTED:	JULY 12, 1975		
STOPPED:	JULY 13, 1975		
LOGGED BY:	H.C. SAKRISON	<i>H.C. Sakrison</i>	
DRILLED BY:	MIDWEST DRILLING LTD., 1072 KING EDWARD ST., WINNIPEG MANITOBA		
DEPTH:	304'	DIAMETER:	BQ

R75-3

P.1

FROM TO

- 0 34.5 **BEDDED SEDIMENT**  
Aphanitic to fine grained, green to cream, at 7.5' see graded beds tops to N, - most of core not obviously bedded, 3% irregular calcite veinlet, bedding @ 45°-55° to core axis, aphanitic layers hardness greater than knife, some crinkling.
- 34.5 50 **FRAGMENTAL**  
gray, obvious, characterized by outsized deformed sericitic fragments; rest spherical, gray, QFP, mostly angular fragments 75% of rock, seen in outcrop N of base line adjacent to rhyolite and sediment, largest fragments 1½", some gray fragments also outsized.
- 50 63 **BASALT FRAGMENTAL**  
As @ collar of R2, green rimmed fragments 1-2", 80%, matrix difficult to see, 3% calcite veinlets.
- 63 123 **BASALT FLOWS**  
Probably more than one, dark green, massive, uniform except for grainsize variation, aphanitic to medium-fine grained, creamy bleaching in places.
- 123 138 **RHYOLITE**  
0.5% chlorite in specks and films on fractures, gray, aphanitic, hardness greater than knife, 1% 2mm quartz phenocrysts, chalcopyrite increases to 0.5% in bottom 2/3 of section. in fractures and disseminated with pyrite and hint of gray mineral.
- 138 144 **FRAGMENTAL**  
Cream, 80% fragments up to 1", crude bedding @ 60° to core axis, 0.2% pyrite, foliation and preferred alignment of fragments is at 45° to core axis; largest fragments are near 144', these are cream colored, hardness same as knife, contain quartz vesicles and possibly phenocrysts; matrix slightly green.
- 144 148 **MAFIC FLOW OR DIKE**  
Fine grained, olive green, 3% ¼" irregular calcite (25%) probably related to olive green color, same as seen in Thompson West trench.
- 148 160 **FRAGMENTAL**  
As 138-144 except fragments are larger and matrix is greener; fragments cream, hardness less than knife, with green spots (mafic relics?) with others gray, hardness greater than knife, with quartz phenocrysts; Some fragments are

- FROM TO brownish cream and are deformed and soft; trace chalcopyrite in  $\frac{1}{2}$ " quartz calcite veins. Lower contact drawn, at last easily recognizable fragment as rock becomes sheared and cut by quartz-carbonate
- 160 212.5 SHEAR ZONE  
Probably the zone usually mineralized; zone distinguished by obliteration of original textures and presence of quartz carbonate veinlets; in other holes this material is mineralized but here see only a possible trace of gray mineral in a  $\frac{1}{2}$ " veinlet at the margin of a 2' rhyolite band at 183-185.
- 160-187 (Approximately) zone contains 10% quartz-carbonate veinlets, irregular, up to 6", evenly distributed, and contains as much creamy colored rock (sericite?) as green (chlorite), acid indicated calcite.
- 187-212.5 Zone here is dark green, contains relatively little cream patches (sericite) except from 197-211' and less quartz-carbonate vein and/or lens material; rock contains abundant matrix carbonate (35%?) some places showing up as round grains; this rock tends to be crinkled, especially at 200-205'.
- 212.5 223 FRAGMENTAL  
(As 148-160 except even less of cream coloration) matrix dark green; fragments make up 75% of rocks, the largest are 5" wide with hardness same as knife, are olive green and contain green spots (relic mafic phenocrysts?) + quartz vesicles (and phenocrysts), these are similar to large elongated fragments seen in outcrop S of Bayly pit; other fragments are green to gray, stretched and aligned at 45° to core axis.
- 223 228 MAFIC FLOW OR DIKE  
Similar to 144-148
- 228 240 FRAGMENTAL  
As 212.5-223
- 240 244 QUARTZ PORPHYRY  
Inclusion of bedded material @ 240.2', 35% 3-4mm quartz phenocrysts in cream to green foliated aphanitic matrix containing also 2mm aligned green spots (mafic relics?).
- 244 252 BEDDED FINE SEDIMENT  
Cream to green, grain size up to 2mm, beds of fine material are cream and are at 50° to the core axis.
- 252 304 FRAGMENTAL  
As at 228-240 - little or no shearing, quartz veins 1% irregular calcite veinlets.
- 304 END OF HOLE

R75-3

SUMMARY

- Shear zone is a lot weaker than in R75-1 and 2, with less quartz, no gray mineral, less sericite coloration; it may be within S-type fragmental.
- Rhyolite contains unusually large amount of chalcopyrite - 0.3%?
- Feel as though hole, drilled 20' E of Bayly pit limits zone to E.
- Much good bedding and foliation confirms 70° dip to N, feel sure we have passed through zone.

R75-3

<u>SAMPLE #</u>	<u>WIDTH</u>	<u>FOOTAGE</u>	<u>REMARKS</u>
R75-3-1	5'	123-128	
-2	5	128-133	
-3	5	133-138	0.3% chalcopyrite in fractures, gray mineral(?) pyrite.
-4	5	160-165	Top $\frac{1}{2}$ is breccia, rest sheared, trace chalcopyrite, chlorite, 1% vein quartz.
-5	5	165-170	0.4% pyrite, dark green with some sericite, 2% quartz in scattered veins.
-6	5	170-175	20% quartz in 3 places, 6" wide, trace gray mineral.
-7	5	175-180	3% quartz veins in 4 places, less than 1" wide, 12" of QP, 0.3% pyrite.
-8	10	180-190	2' of rhyolite containing 0.5% pyrite, trace gray mineral.
-9	5	202-207	2% quartz in $\frac{1}{2}$ " veins in a dark carbonate rich rock.
-10	5	207-212	1% quartz, vein in cream sericite rich rock, 0.3% pyrite.
-11	5	212-217	1% quartz, vein in dark green rock, top 2' is breccia





FROM TO

- 0 72 MAFIC FLOW OR DIKE  
Gray green, fine grained to medium fine grained, massive, uniform; 1% irregular calcite and quartz-calcite veinlets, carbonate also disseminated in rock; sheared with minute quartz veining near base; appears to merge with next rock type, no sharp contact.
- 72 136.5 FRAGMENTAL  
(as in lower 2/3 of R75-3) fragments cream to green, green ones rimmed by cream colored material; 60% fragments many 2" wide isolated in a dark green, fine grained, matrix; 1%  $\frac{1}{4}$ - $\frac{1}{2}$ " irregular quartz veinlets; basal 15' bleached creamier and contains 10% quartz veins up to 6" wide.
- 136.5 149 CHLORITE - CALCITE ROCK  
(Similar to that at base of shear, R75-3)  
Calcite is in 2mm lenses; chlorite is in 0.5-2mm streaks; fairly uniform.
- 149 161 BEDDED SEDIMENT  
Bedding @ 40° to core axis; unit similar to bedded rock in R75-3; fine grained beds are cream, coarse beds (fragments to  $\frac{1}{4}$ " ) are gray; 0.5% pyrite overall, concentrated in beds.
- 161 163 RHYOLITE  
Gray, harder than knife, chlorite in fractures, 0.7% pyrite in fractures.
- 163 179 MAFIC FLOW OR DIKE  
Fine grained, dark green, large amount of calcite in rock itself and in irregular fractures, otherwise massive, uniform.
- 179 201 RHYOLITE  
As 161-163
- 201 224 FRAGMENTAL  
(As 72-136.5 except no alteration), essentially no quartz veins; also rock is gray except for cream to gray fragments; 2mm quartz grains abundant (3%) in otherwise fine grained clastic matrix; matrix is less chloritic and more clastic than 72-136.5.
- 224 236 FINE CLASTIC  
(As 201-224 except maximum common fragment size is  $\frac{1}{4}$ " ).
- 236 241 MAFIC FLOW OR DIKE  
(As 163-179)

R75-4

SUMMARY

- Hole passes from N. type fragmental (hard to distinguish but has abundant fine grained mafic matrix, 50%) through chlorite-calcite rock (as seen in mineralized shear of other holes) into gray fragmental with more abundant fragments, quartz eyes; coarse (4") and fine (1/4") clasts.
- Very little shearing -- mineralized zone not present.

NEW INSCO MINES LTD.

HOLE R75-5

ROSNEL, SHARRON LAKE AREA, ONTARIO

LOCATION OF HOLE

- CLAIM #44954
- COLLAR AT 144' WEST AND 484.5' NORTH OF POST #3, CLAIM #44957

NEW INSCO GRID: 3+00N, 1+50E

TESTS

<u>DEPTH</u>	<u>ANGLE</u>	<u>AZIMUTH</u>
0' 200	60°	125°

DEPTH OF HOLE: 381'      DIAMETER: BQ  
STARTED: JULY 17, 1975  
STOPPED: JULY 19, 1975  
LOGGED BY: H.C. SAKRISON *H.C. Sakrison*  
DRILLED BY: MIDWEST DRILLING LTD.  
1072 KING EDWARD ST.,  
WINNIPEG, MANITOBA.

R75-5

P.1

FROM	TO	
0	7	OVERBURDEN
7	17	SHEARED Foliation @ 45° to core axis; rock is dark green (chlorite dominant) with 10% calcite and iron carbonate streaks and 1% quartz-carbonate veinlets (1" wide).
17	115	MAFIC FLOW BRECCIA A jumble of irregular shaped and sized fragments, dominantly gray-green color, aphanitic, bleaching with silica and calcite along cracks and rims of fragments, some small fragments are all white; quartz common in vesicles; bleached sections (overall 5%) are harder than knife; fragments contain 1mm x 2mm green spots, mafic relics (?) and occasional quartz phenocryst; (fragments here are white and in contrast to breccia seen S of zone) fragment size commonly 6".
115	163	BEDDED SEDIMENT Gray, some cream colored beds, fine grained (1mm) to cherty, fairly uniformly bedded throughout, bedding @ 45° to core axis, quartz grains common, rock probably is a graywacke, same as that which crops out S. of collar of hole, some fine beds are crinkled.
163	170	FRAGMENTAL Gray, fragments of mixed composition - chert and cream sericite fragments along with fragments of gray volcanic rock, sericitic fragments are deformed and irregular, the rest are more spherical; 75% fragments; possibly reworked.
170	176	MAFIC DIKE Massive, uniform, fine grained, greenish gray, cut by irregular calcite veinlets.
176	204	MAFIC FLOW BRECCIA (As 17-115) Poorly sorted, angular, irregular fragments up to 3" some green and basaltic, some rimmed white, some (10%) all white, all in a dark green matrix (15%).
204	212	BEDDED SEDIMENT (Cut by some basalt) Bedding irregular, fine grained to cherty, gray with some cream colored beds, fractures in chert contain pyrite, chlorite and sooty black mineral (graphite?).
212	237.5	MAFIC FLOWS (Fine grained zones suggest more than one flow). Uniform, fine grained, dark green soft, calcite in fine veinlets.

R75-5

P.2

FROM

TO

237.5

259

POSSIBLE SEDIMENT

Gray, some short clastic sections with 1mm grains, rest disrupted, some cherty sections, calcite veinlets; called sediment because the rock, although not bedded, is the same as in 115-163.

259

288

SHEAR ZONE

Dominantly sericitic, zone starts out dark green but becomes sericitic towards base, quartz veins with gray mineral are concentrated between 267-270.5 at top of sericitic zone, 30% iron carbonate, foliation @ 55° to core axis;

288

322

SHEAR ZONE

Dominantly chloritic, 50% iron carbonate, foliation @ 45° to core axis, 10% quartz-carbonate veinlets (about 1/2") scattered throughout; occasional blue quartz "eyes", trace chalcopryite in some quartz veins.

322

325.5

QUARTZ PORPHYRY

15% 2mm quartz phenocrysts, rock highly sheared with maybe 20% dispersed iron carbonate along with sericite.

325.5

339

POSSIBLE SHEARED RHYOLITE

Occasional 1/2" remnant of what appears to be phenocryst free rhyolite - (hard, aphanitic, gray), 10% iron carbonate, much sericite, trace chalcopryite; 5% irregular scattered quartz-carbonate veinlets; this unit blends into next, contact is arbitrary.

339

350.5

SHEAR ZONE

(DOMINANTLY CHLORITIC as 288-322), 15% scattered quartz-carbonate veinlets, 15% dispersed iron carbonate with some calcite at base of section.

350.5

368.5

FRAGMENTAL

Deformed, fragments not well defined; rock is gray with suggestion of creamy deformed fragments typical of south type fragmental; calcite in fractures (3%); possible fine clastic material at base.

368.5

381

END OF HOLE  
MASSIVE FLOW OR DIKE

Massive except for irregular veinlets filled with calcite, dark green, soft, uniform fine grained texture.

R75-5

SUMMARY

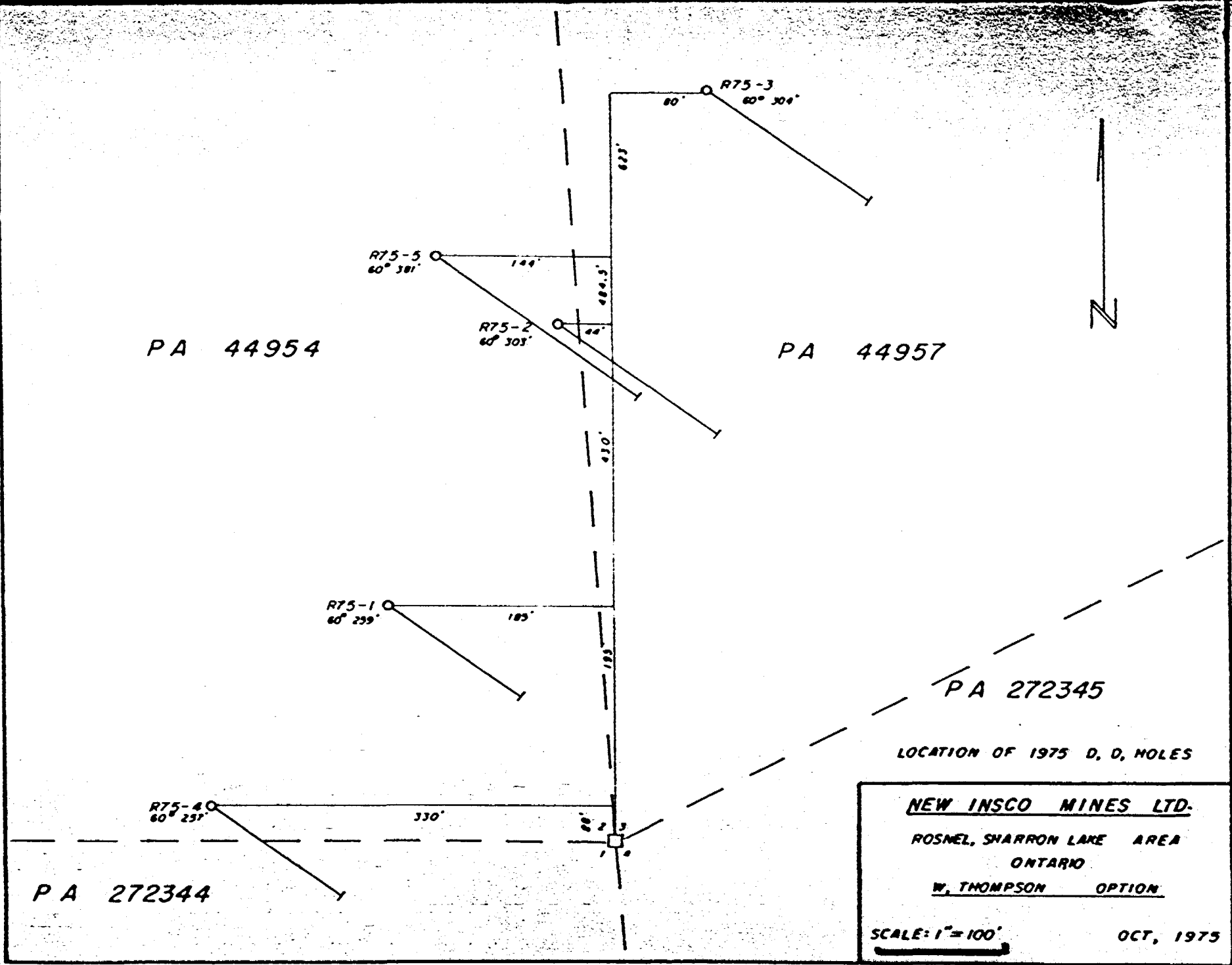
Except for 163-170 which has also been recognized at surface, all breccia above the shear is N type, obviously basalt or altered basalt fragments. 163-170 is more like S type with more variable fragments, sericitic, creamy deformed fragments. Breccia below shear not clear but probably is this type. The shear same as before except QP and rhyolite may be caught up in it. Only one section of mineralization. QP and rhyolite are in the expected position of a 2nd. Hole shows fair content of mineralization.

R75-5

SAMPLE RECORD

<u>SAMPLE #</u>	<u>WIDTH</u>	<u>FOOTAGE</u>	<u>REMARKS</u>
R75-5-1	5'	257.3-262.3	3% quartz-carbonate throughout, $\frac{1}{2}$ ' wide; Trace chalcoppyrite.
-2	5	262.3-267.3	1% quartz-carbonate small lenses, chlorite-sericite 50/50, 28" rhyolite section with trace chalcoppyrite, gray mineral(?).
-3	3.2	267.3-270.5	50% quartz-carbonate 6" veins in sericite, shear, 0.4% gray mineral, sphalerite(?) galena.
-4	5	270.5-275.5	1% quartz-carbonate 1" vein all sericite shear, trace chalcoppyrite.
-5	5	275.5-280.5	2% quartz-carbonate in 1" veins, $\frac{2}{3}$ sericite, $\frac{1}{3}$ chlorite-carbonate.

#82-75  
SHARRON LAKE  
W. M. THOMPSON



LOCATION OF 1975 D, D, HOLES

**NEW INSCO MINES LTD.**  
ROSNEL, SHARRON LAKE AREA  
ONTARIO  
W. THOMPSON OPTION  
SCALE: 1" = 100'  
OCT, 1975





52J04NE0028 52J04NE0010D1 SHARRON LAKE

900

Sharron Lake  
M-2605

Ontario

A separate form is required for each type of work to be recorded.

75-82

THE MINING ACT REPORT OF WORK

To the Recorder of ..... Mining Division

1, Walter M. Thompson ..... Lic no 52031  
name of Recorded Holder ..... Prospector's Licence

Sions Lookout Ont. Ken Del. .....  
Post Office Address

do hereby report the performance of ..... 1504 ..... days of Diamond Drilling .....  
type of work

not before reported to be applied on the following contiguous claims

Claim No.	Days	Claim No.	Days	Claim No.	Days
PA 44955	71	272344	120	272349	123
P.A. 44956	71	272345	140	272350	130
PA 44957	32	272336	120	272351	.....
P.A. 44954	35	272338	120	<del>272348</del>	.....
272342	140	272339	140	<del>272347</del>	.....
272343	122	272348	140	272354	.....

All the work was performed on Mining Claim (s) 44954, 44957, 272344 .....  
(In the case of geological and/or geophysical survey (s) where more than 18 claims are involved attach a schedule)

READ CAREFULLY: THE FOLLOWING INFORMATION IS REQUIRED BY THE MINING RECORDER.

- For Manual Work, Stripping or Opening up of Mines, Sinking Shafts or Other Actual Mining Operations - Names and addresses of the men who performed the work and the dates and hours of their employment.
- For Diamond and other Core Drilling - Footage, No. and angle of holes and diameter of core. Name and address of owner or operator of drill. Dates when drilling was done. Signed core log and sketch in duplicate.
- For Compressed Air or Other Power Driven or Mechanical Equipment  
Type of drill or equipment. Names and addresses of men engaged in operating equipment and the dates and hours of their employment.
- For Power Stripping - Type of equipment. Name and address of owner or operator. Amount expended. Dates on which work was done. Proof of actual cost must be submitted within 30 days of recording.
- With each of the above types of work sketches are required to show the location and extent of the work in relation to the nearest claim post. In the case of diamond or other core drilling the sketch must be submitted in duplicate.
- For Geophysical, Geological, Geochemical Surveys and Expenditure Credits - the name of author of report. Covering dates of survey (linecutting & office). Type of instrument used. Total amount of expenditure. Technical reports, maps, expenditure breakdown, receipts must be filed in duplicate with the Minister within 60 days of recording.
- For Land Survey - the name and address of Ontario Land surveyor.

The Required Information is as Follows: (Attach a list if this space is insufficient)

R75-1	259'	60°	BQ	July 7-9 1975	MIDWEST DRILLING LTD 1072 King Edward St Winnipeg Man.
2	303'	60°	BQ	July 9-11 1975	
3	304'	60°	BQ	July 12-13 1975	
4	257'	60°	BQ	July 15-16 1975	
5	381'	60°	BQ	July 17-19 1975	

Total feet 1504'

Date 23 Oct 75 .....

Walter M. Thompson .....  
Signature of Recorded Holder or Agent

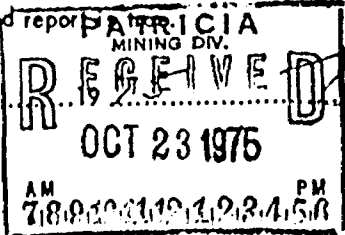
The Mining Act  
Certificate Verifying Report of Work

1, Walter M. Thompson ..... 38 King St .....  
Sions Lookout Ont. Ken Del. .....  
(Post Office Address)

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 some during and/or after its completion.
- That the annexed report is true and correct.

Dated 23 Oct 75 ..... Walter M. Thompson .....  
Signature



44954

THE PENALTY FOR MAKING A FALSE STATEMENT IN THIS REPORT AND/OR CERTIFICATE IS \$500. OR SIX MONTHS IMPRISONMENT OR BOTH

