DIAMOND DRILLING

TOWNSHIP: ROLLO TWP. REPORT NO: 17

WORK PERFORMED FOR: Hanson Lake Resources Ltd.

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

Claim No.	Hole No.	Footage	Date	Note
P 672430	HLR-89-01	689'	Feb/89	(1)(2)
P 672440	HLR-89-02	511.0'	Feb/89	(1)(2)

(1) W8906.288, date filed June/89

(2) These DDH's also submitted under O.M.E.P., #OM87-5-I-284 (March 1/90 release).

HANSON LAKE RESOURCES LIMITED

Location: L360mW 30mN	Elevation:	
Length: 689 FEET	Azimuth: N200E	Core Size: BQ
Logged By: Kian A. Jensen	Claim No.: P-672430	

INCLINATION TESTS			
DEPTH	DIP	DEPTH	DIP
collar	-45		
-400'	-44		
-689'	-43		

HLR-89-01

PROJECT: 89-002
ROLLO TOWNSHIP

Started: FEBRUARY 14, 1989

Finished: FEBRUARY 22, 1989

From	To	Description
0.0	50.0	Overburden
50.0	59.8	Massive Mafic Metavolcanic Flow
59.8	279.4	Mafic Amygdaloidal Pillow and Massive Flows with Interflow Tuff
279.4	282.6	Diabase Dike
282.6	308.2	Mafic Amygdaloidal Pillow Flows with Interflow Tuff
308.2	319.1	Feldspar Porphyry
319.1	355.8	Mafic Amygdaloidal Pillow Flows
355.8	428.1	Massive Mafic Flows
428.1	470.3	Mafic Amygdaloidal Flows
470.3	476.2	Feldspar Porphyry
476.2	482.8	Mafic Interflow Tuff and Amygdaloidal Pillow Breccia
482.8	497.7	Massive Mafic Flows
497.7	519.0	Mafic Interflow Tuff and Amygdaloidal Pillow or Flow Breccia
519.0	567.0	Massive Mafic Flows
567.0	612.6	Mafic Interflow Tuff and Amygdaloidal Pillow or Flow Breccia
612.6	637.3	Mafic to Ultramafic Fragmental Tuff
637.3	651.0	Massive Contact Alteration Zone
651.0	689.0	Olivine Diabase Dike
689.0		End of Hole
		Casing Pulled

Sample	From	To

HANSON LAKE RESOURCES LIMITED	PROJECT: 89-002	Page 1 of 13	HLR-89-01

From	To	Description	Sample	From	To	Au
0.0	50.0	Overburden				
50.0	59.8	MASSIVE MAFIC METAVOLCANICS - pale green to medium green with isolated medium green to dark green sections, poorly developed schistosity, fine grained, hard in pale green to medium green sections moderately hard to moderately soft in more mafic sections, non-magnetic, generally void of stringers, ocassional fracture filling quartz and/or carbonate healing, few epidote patches, no wall rock alteration associated with stringers. - sulphide mineralization generally as very fine grained pyrite associated with some of the quartz carbonate stringers, in the wallrock pyrite ranges from trace to up to 2% fine grained euhedral - 52.5 to 53.5 - 1/16" to 1/8" fracture filling carbonate stringers scattered fine grained pyrite <1% - 53.7 to 54.1 - interflow crystal tuff, lathe shape, pale green - 54.15 - scattered pyrite in wallrock near carbonate stringer - 54.7 to 55.0 - wispy carbonate stringer 1/8" to 1/4" with 1 to 2% fine grained pyrite, CA=85 to 90 - 54.95 - appears brecciated - 55.0 - 1/8" white carbonate stringer no sulphides, CA=30, <1% fine grained pyrite in chloritic contacts, - 55.2 - 1/8" white carbonate stringer CA=20 - 57.4 - 1/8" to 1/4" carbonate and chlorite stringer with scattered pyrite, CA=35 - 58.0 to 58.2, 58.5 to 58.7, 59.0 to 59.4 - lathe shaped crystal interflow tuff	26951	54.0	59.0	trace
59.8	279.4	MAFIC AMGDALOIDAL PILLOW AND MASSIVE FLOWS WITH INTERFLOW TUFF - fine grained, medium green within the interior of flows to pale green in areas of amygdules which range from 1/16" to several inches to masses, amygdules generally hard to moderately hard with the more chloritic medium green to dark green section being slightly softer, non-magnetic, interiors of pillow flow are characterized by cooling fracture usually filled with quartz and carbonate, generally between flows and pillow is fine grained crystal tuff				

From	To	Description	Sample	From	To	Au
		- quartz and/or carbonate stringer range from 1/16" to 1/2" - sulphide mineralization generally pyrite ranging from trace up to 1% locally up to 2% - 59.8 to 67.2 - amygdaloidal flows, pale green with medium green sections - 61.7 - 1/16" quartz carbonate stringer CA=8 to 9 - 62.2 - 1/8" irregular quartz carbonate stringer CA=35 to 40 1% fine grained pyrite - 62.5 - up to 2% fine grained pyrite - 65.5 to 65.8 - interflow crystal tuff - 66.3 - euhedral pyrite 1% - 67.2 - flow contact CA=46 - 67.2 to 85.0 - amygdaloidal flows, pale green - 67.4 - 1/4" bleb of pyrite - 68.8 - 3/8" bleb of pyrite - 69.1 - 1/2" siliceous band CA=35 displaced by fracturing 1.1" CA=35 - 79.0 to 79.4 - minor grinding - 79.3 - fractured amygdules filled with pyrite -79.4 to 80.3 - interflow tuff breccia - 85.0 to 85.6 - quartz carbonate vein CA=35 and 30, amygdules at lower contact	26952	85.0	86.0	trace
		- 85.6 to 94.5 - amygdaloidal flow, pale green amygdules 1/4" within medium green flows - 87.2 - brecciation CA=30 - 87.2 - 1/8" by 1" pyrite bleb - 87.75 1/8" quartz carbonate stringer CA=40 - 89.8 to 94.5 - amygdules range from 1/4" to masses several inches - 94.5 to 110.4 - massive flow, medium green, pale green alteration due to cooling fractures, scattered pyrite <1% at 100.0, 106.0, 108.3, 109.0 - 96.0 to 96.2 - brecciation - 98.85 - 1/16" quartz carbonate stringer CA=35 - 101.8 - pyrite bleb - 103.5 and 104.0 - hematitic carbonate stringers CA=20				

From	To	Description	Sample	From	To	Au	
		- 104.4 - 1/16" quartz carbonate stringer CA=66 - 110.4 to 112.9 - amygdules grading from 1/4" to 1" - 113.3 to 114.3 - low angle quartz carbonate stringer with epidote, <1% pyrite - 114.7 to 114.9 - 2% to 3% pyrite on fracture surface - 115.1 - discontinuous hairlike pyrite stringer - 115.7 - 1/8" quartz carbonate stringer CA=21 - 116.2 to 117.0 - amygdules grading from masses to 1/2" - 117.0 to 181.1 - massive flow, pale green to mottled with bluish green tint, ocassional small breccia sections, hard, trace to scattered pyrite - 123.6 - brecciated CA=55 - 128.7 - flow contact - 130.0 to 130.2 - scattered 1/4" amygdules - 131.1 - quartz carbonated filled fracture CA=27 - 131.3 and 131.5 - siliceous interflow banding CA=70 and 65 - 131.5 - pyrite bleb - 133.3 - 1/2" quartz carbonate stringer CA=56 - 134.6 - amygdules as rounded masses - 134.9 - quartz carbonate fracture filling with fine grained pyrite associated with chloritic inclusions, CA=15 to 17 - 136.0 - quartz carbonate fracture filling CA=24 - quartz carbonate banding at 139.2 CA=45, 141.1 CA=55, 141.9 CA=87, 142.2 CA=65 - 143.8 - scattered pyrite <1% - 145.1 to 145.2 - banded quartz carbonate and 1% pyrite CA=60 - 145.7 - discontinuous pyrite stringer - 150.1 and 150.5 - carbonate and hematite stringer with and patchy pyrite, CA=20 and irregular - 152.0 to 152.7 - grinding of core - 156.6 - 1/16" quartz carbonate CA=25 - 158.8 - 1/2" amygdules - 159.25 - 1" amygdules - 160.0 - scattered pyrite - 163.1 - quartz carbonate banding with pyrite blebs, CA=30 - 163.3 - discontinuous pyrite stringer - 164.5 to 165.2 - scattered amygdules grading from 1/2" to					

From	To	Description	Sample	From	To	Au	
		3/4" and scattered pyrite on margins and fractures - 168.0 - scattered pyrite <1% - 167.5 to 168.4 - interflow tuff and scattered rounded amygdules - 168.4 to 181.1 - massive, pale green, cooling fractures - 172.5 - 1/2" quartz carbonate banding CA=60 - 173.85 - 1/8" quartz carbonate stringer CA=22 - 174.1 - 1/2" quartz carbonate banding CA=74 - 176.8 - 1/8" quartz carbonate stringer CA=50 - 177.0 - 3/4" quartz carbonate stringer CA=49 - 179.1 - 1/8" carbonate chlorite stringer CA=80 - 179.2 - 1/4" quartz carbonate stringer CA=55 - 179.5 - appears to be banded amygdules CA=40					
		- 181.1 to 214.6 - amygdaloidal flows, pale green to pale grey amygdules in medium to dark green chloritic mass - 181.1 contact irregular CA=60 - 181.1 to 182.6 - amygdules range from 1/2" to masses - 181.6 to 182.4 - fractures with fine grained pyrite - 182.4 - amygdules range from 1/4" to 1/2" - 183.0 - gradual contact, amygdules up to 1/4" - 183.0 to 193.0 - fine to medium grained, mottled, uniform - 191.4 to 191.8 - carbonate epidote stringer, CA=15 - 193.0 to 193.7 - amygdules range from masses to 1/4", fractured and filled with chlorite and/or fine grained pyrite					
		- 193.7 to 198.8 - pale green to mottled, with brecciation	26953	198.8	200.0	trace	
		- 198.8 to 199.8 - massive, black green	26954	200.0	204.0	trace	
		- 202.6 - scattered pyrite <1%	26955	204.0	208.0	trace	
		- 203.8 to 205.7 - interflow breccia tuff and amygdules, sub-angular, pale green - 206.0 - possible contact CA=65 - 206.0 to 207.8 - interflow brecciation, scattered pyrite - 208.3 to 210.6 - chlorite fracture filling near parallel to core axis - 214.6 - 1" greyish quartz veinlet ith up to 3% fine grained pyrite on lower contact, CA=70					

From	To	Description	Sample	From	To	Au	
		- 214.6 to 237.0 - massive, fine grained, non-magnetic, medium green moderately hard, uniform, poor to no schistosity, minor fracturing, - scattered fine grained pyrite overall <1%, some blebs - quartz carbonate stringers at 229.0 1/4" CA=19, 229.9 1/8" CA=35, 231.0 1/8" CA=30, 234.0 1/16" and 1/8" CA=25, 234.8 1/4" CA=26 - 237.0 to 237.5 - altered to buff green, fine grained massive, fractured filled with quartz and chlorite, scattered pyrite <1% - 237.5 to 238.7 - amygdaloidal flow, 1/4" amygdules - 238.3 to 238.7 - 1/4" quartz carbonate stringer CA=45 cut by carbonated filled fracture CA=23 displacement 3/8" but quartz carbonate stringer CA=32 not displaced - 238.7 - possible contact, fractured, CA=50 - 238.7 to 240.6 - interflow breccia, medium to pale green, moderately hard, tuff and angular to sub-angular fragments, scattered to patch pyrite with ocassional blebs - 240.6 to 246.9 - amygdaloidal flows, as above - 240.6 to 241.0 - amygdules change from 1/16" to 1/4" - 241.2 - 1/8" quartz carbonate stringer CA=35 - 241.5 - 1/4" quartz carbonate stringer CA=55 to 60 - 241.5 to 242.0 - amygdule band 1/16" to 1/10" - 242.0 to 243.3 - brecciation, large fragments in tuff - 242.0 - contact CA=49 - 243.3 to 245.0 - medium green, massive - 245.0 to 246.9 - pale green with 1/16" amygdules - 246.7 strongly magnetic, contacts difficult to identify, possible diabase dikelet - 246.7 to 246.9 - pale green, <1% pyrite - 246.9 to 260.8 - flow breccia or brecciated flow, small fragments up to 1/2" to large medium green fragments, <1% pyrite						

From	To	Description	Sample	From	To	Au	
		- scattered fragments with amygdules - 252.0 to 252.7 large to 1/10" amygdules - 256.7 - 1/8" quartz carbonate stringer CA=40 - 257.0 - 1/4" quartz carbonate stringer CA=42 - 259.4 - scattered pyrite - 259.6 to 259.8 - scattered 1/16" amygdules - 260.3 to 260.55 - fine fragment breccia, buff green, contacts are CA=50 and 85 - 260.8 - 1" amgydule band CA=40 - 260.8 to 279.4 - massive, uniform, grey green to dark green, local brecciation healled by carbonate and epidote stringers, <1% pyrite, local amygdaloidal sections - scatered pyrite at 262.2, 262.9, 263.1, 263.8 - quartz and/or carbonate stringer with epidote at 266.7 1" CA=30, 267.0 1/8" CA=20, 268.0 1" CA=40, 268.8, - 271.7 to 272.2 - low angle interflow breccia - 273.2 to 279.6 - scattered 1/16" to 1/4" amygdules					
279.4	282.6	DIABASE DIKE - very fine grained, very hard, moderately magnetic, black to black green, - 279.4 - contact CA=40 - 282.6 - contact broken, loss of magnetics					
282.6	308.2	MAFIC AMYGDALOIDAL PILLOW FLOWS WITH INTERFLOW TUFF - fine grained, light grey green to medium green, moderately hard, non-magnetic, ocassional section with very small amygdules, scattered to trace sulphides, some interflow tuff sections - 283.3 - 1/4" quartz carbonate stringer CA=17 - 285.6 to 285.9 - irregular patch of 1/10" amygdules - 286.7 - patch of 1/16" amygdules - 287.0 - scattered pyrite <1% - 290.6 and 291.1 - interflow tuff - 291.3 - 1/4" to 1/2" diameter amygdule band CA=15, - 291.8 to 297.0 - brecciated and interflow tuff with <1% pyrite					

From	To	Description	Sample	From	To	Au
		- 297.8 - quartz carbonate irregular fracture filling - 298.1 - 1/4" irregular quartz carbonate stringer, <1% pyrite - 298.3 - 1/4" quartz carbonate stringer CA=40 - 300.6 - 1/2" wispy irregular quartz carbonate stringer with chlorite inclusions 306.2 to 308.2 - scattered <1% pyrite	26956	306.0	308.2	trace
308.2	319.1	FELDSPAR PORPHYRY - 1/16" to 1/8" whitish phenocrysts in a fine grained, hard, non-magnetic, medium brown to dark brown matrix, uniform - very fine grained uniformly content of 1% to 2% pyrite	26957	308.2	312.0	trace
		- 308.2 - sharp contact CA=65	26958	312.0	316.0	trace
		- 1/8" quartz carbonate stringers at 309.5 CA=30, 311.3 irregular, 313.1 CA=10, 314.8 CA=25 - 319.1 - sharpe contact CA=67	26959	316.0	319.1	trace
319.1	355.8	MAFIC AMYGDALOIDAL PILLOW FLOWS - fine grained, grey green to medium green, amygdules of light pale green to grey varying in size from 1/16" to 1/2" in diameter, moderately hard, non-magnetic, local sections of fine grained tuff and minor amounts of brecciated material, scattered pyrite				
		- 319.1 to 319.2 - baked contact margin - 319.2 to 319.4 - silicified volcanics and quartz carbonate stringer CA=60 and 55	26960	319.1	324.0	0.002
		- 322.6 - 1/8" greenish carbonate stringer CA=25 - 323.3 - 1/8" whitish quartz carbonate stringer CA=38 - 323.9 to 324.1 - irregular silicified volcanics with epidote quartz carbonate stringers on margins CA=30 and 50 - 324.5 to 324.8 - interflow tuff - 324.8 - 1/16" amygdules - 325.7 - 1/8" to 1/4" amygdules - 326.4 to 326.8 - interflow tuff - 326.8, 327.4, 327.8, 328.0 to 328.3, 328.5 - 1/16" to 1/4" amygdules - 328.5 to 331.0 - epidote and carbonate filled fractures				

From	To	Description	Sample	From	To	Au	
		- 330.3, 331.0, 331.1 to 331.4, 331.6 - 1/8" to 1/4" amygdules - 332.1 - sharpe flow contact CA=50 - 333.6 to 333.7 - 1/4" to 1/16" amygdules - 333.8 to 334.2 - greyish quartz carbonate vein with inclusions CA=70 and irregular - 334.2 to 334.5 - brecciated - 334.5 to 334.7 - 1/8" to 1/4" amygdules - 335.0 - 0.3 feet missing core - 335.3 to 337.9 - epidote and carbonate filled fractures, <1% scattered pyrite - 338.0, 338.7 - 1/16" amygdules - 339.0 to 339.3 - silicified volcanics with quartz carbonate epidote veinlet CA=80 - 339.75 to 339.9 - amygdule within interflow tuff - 340.4 - 1/8" amygdules - 340.4 to 342.0 - epidote filled fractures - 342.0 - 1/8" amygdules in band - 342.3 - interflow tuff band CA=35 - 342.9 to 343.0 - 1/8" amygules - 343.6 - 1/4" quartz carbonate stringer CA=35 cut by 1/8" carbonate epidote stringer CA=13 - 344.1 to 344.9 - interflow tuff with amygdaloidal pillow margins - 345.0, 346.1 to 346.2, 348.4 - 1/16" amygdules - 348.5 - interflow tuff with amygdules in bands CA=70 - 349.3 to 349.5 - epidote filled fractures - 349.9 - 1" quartz veinlet, barren, CA=55 - 350.9, 351.2 to 351.7, 353.0 to 353.6, 355.3 to 355.5 - 1/16" amygdules - 351.0 to 351.15 - greyish granular quartz band CA=50 - 352.2 - 1/2" quartz carbonate stringer CA=65 - 355.5 to 355.8 - greyish silicifed band with inclusions	26961	333.0	335.0	0.048	
			26962	349.7	353.7	trace	
355.8	428.1	MASSIVE MAFIC FLOW - fine grained, medium to dark green, moderately hard, non-magnetic, massive, uniform, with numerous quartz and/or carbonate stringers generally CA=20 to 57, trace to scattered euhedral pyrite and ocassional pyrite blebs					

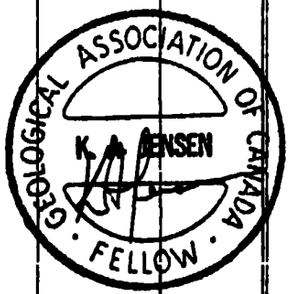
From	To	Description	Sample	From	To	Au	
		- 358.0 - 1/8" quartz carbonate chlorite stringer CA=20 - 359.25 - pyrite bleb - 359.6 to 359.7 - scattered pyrite up to 1% - 361.6 to 361.9 - 1/2" quartz carbonate chlorite veinlet CA=27 - 363.0 to 364.0 - carbonate and epidote filled cooling fractures - 368.5 and 368.7 - irregular gash carbonate chlorite and epidote stringers with ocassional pyrite specks - 371.0 - pale green alteration around quartz carbonate stringers - 371.9 - 1/2" by 1/2" pyrite bleb - 376.8 - 1/2" quartz carbonate veinlet CA=55 - 379.4 - 1/2" quartz carbonate veinlet CA=40 - 379.6 to 379.8 - irregular silicified epidote stringer - 386.4 - 1/2" carbonate chlorite stringer CA=45 - 387.4 - 1/4" quartz carbonate and narrow pyrite CA=57 - 388.2 - 1/4" quartz chlorite stringer CA=22 - 393.0 - 1" quartz carbonate chlorite minor pyrite CA=30 to 35 - 398.0 onwards - pale green fracture filled stringers, irregular - 402.7 to 402.8 - quartz carbonate chlorite veinlet CA=30 - 408.1 to 408.3 - brecciation, fragment edges altered pale green - 411.0 to 411.2 - brecciation - 412.2 - 1" quartz carbonate chlorite bands CA=56 - 415.4 - irregular 1/2" carbonate chlorite epidote stringer - 415.7 to 416.8 - small stringer CA=85 to 90 - 416.85 - 2, 1/4" pyrite blebs - 418.1 - pyrite blebs and discontinuous stringer - 418.7 - 1/2" epidote stringer CA=45 - 418.8 - 1/4" carbonate stringer CA=30 - 418.9 - 1/4" epidote stringer, irregular - 419.1 - pyrite bleb - 422.1 - 1" irregular greyish silicified banding - 423.0 to 423.2 - brecciation - 423.1 to 423.2 quartz chlorite stringer, 1% pyrite					
428.1	470.3	MAFIC AMYGDALOIDAL FLOWS - as above, light green in sections in medium green matrix, fine grained, non-magnetic, amygdules from 1/16" to 1" diameter					

From	To	Description	Sample	From	To	Au	
		- 428.1 to 428.2 - chloritic band with 1/16" amygdules on both sides CA=35 sharp contact - 430.3 - 1/16" amygdules - 431.0 - interflow tuff band CA=15 - 431.2 to 431.3 - 1/16" amygdules - 432.4 - 1/16" carbonate stringer CA=55 - 434.2 to 435.0 - interflow tuff and amygdules 1/8" to 1/16" at 434.2 and 1/16" to 1/18" at 435.0 - 441.4 and 442.1 - pyrite blebs - 443.3 - 1/8" quartz carbonate stringer CA=28 - 444.8 to 445.5 - 1" and larger amygdules - 449.6 - scattered pyrite - 451.1 - discontinuous pyrite stringer CA=40 - 455.1 to 455.2 - interflow tuff with amygdules 1/16" to 1/8" on both sides, CA=40 - 455.4 to 456.3 - amygdules 1/4" to larger than 1" - 456.4 to 456.7 - 1/16" to 1/8" amygdules - 457.8 - 1/2" amygdules - 458.2 - interflow tuff CA=67 - 461.1 - interflow tuff CA=60, amygdules 1/8" at 461.15 and 1/2" to 1" at 461.3 - 463.6 - 1/16" amygdules - 464.0 to 464.2 - clotted 1/2" to 1" amygdules - 466.5 - 1/16" amygdules - 467.7 to 468.0 - amygdule band 1/16" to 1/8" - 468.3 to 468.5 - 1/4" amygdules - 469.0 to 469.4 - interflow tuff CA=55 - 469.4 to 469.9 - 1/8" to 1/4" amygdules CA=45					
470.3	476.2	FELDSPAR PORPHYRY - as above, scattered fine grained pyrite - 470.3 - sharp contact irregular CA=32 - 476.2 - irregular sharp contact CA=50	26963 26964	470.3 476.2	476.2 478.0	trace trace	
476.2	482.8	INTERFLOW TUFF AND AMYGDALOIDAL PILLOW BRECCIA - fine grained medium green tuff with fragments of amygdaloidal pillow, light green to medium green, scattered fine grained pyrite					

From	To	Description	Sample	From	To	Au
		- 476.5 to 476.8 - quartz carbonate vein CA=40 and 55, with scattered fine grained pyrite	26964	476.2	478.0	trace
		- 480.1 - 1/2" quartz carbonate with chlorite CA=51	26965	478.0	482.8	trace
482.8	497.7	MASSIVE MAFIC FLOW - as above, fine grained, medium green, uniform, hard, non-magnetic, scattered fine grained pyrite overall <1% - 485.8 - 1/2" quartz carbonate stringer CA=60 - 486.1 - quartz carbonate stringer CA=30 to 35 - 486.8 - 1/8" quartz carbonate stringer CA=50 - 492.0 - 1/4" quartz carbonate stringer krinkled - 493.3 - carbonate epidote stringer CA=60 to 65 - 494.0 to 495.2 - 1/8" low angles carbonate epidote stringer - 496.6 to 497.1 - quartz carbonate fracture filling				
497.7	519.0	INTERFLOW TUFF AND AMYGDALOIDAL PILLOW OR FLOW BRECCIA - as above, fine grained pale green tuff with fragments with 1/16" to 1/2" amygdules in pale green to greenish fragments, hard, non-magnetic - scattered pyrite overall <1%, locally up to 2% fine grained - 499.6 - ground core 0.4 feet lost - 503.5 - 1% fine grained pyrite - 506.5 - 1% to 1.5% fine grained pyrite - 509.0 to 509.5 - 1% fine grained pyrite - 510.1 - discontinuous prite stringer - 512.0 - up to 2% fine grained pyrite and blebs - 513.1 to 514.0 - up to 1% fine grained to medium grained pyrite - 515.3 - 1/8" irregular quartz carbonate stringer - 516.3 - up to 1.5% fine grained pyrite - 517.0 - 1/4" quartz carbonate stringer CA=32 - 517.2 - 1/4" quartz carbonate stringer CA=25 - 517.8 - 1/2" quartz carbonate stringer CA=30 - 518.8 - 1/4" quartz carbonate stringer CA=40	26966 26967 26968 26969	497.7 504.0 509.0 514.0	504.0 509.0 514.0 519.0	trace 0.002 trace trace

From	To	Description	Sample	From	To	Au
519.0	567.0	MASSIVE MAFIC FLOW - as above, ocassional black "eyes" of chlorite, scattered pyrite <1%, void of amygdules				
		- 519.0 to 524.9 - altered to pale green around fractures, 50% pale green and 50% medium green, fine grained, non-magnetic, gradual color change to 70% medium green at 524.9	26970	519.0	524.0	trace
		- 529.1 - 1/4" irregular grey quartz carbonate band - 534.5 to 547.0 - medium grained with minor epidote stringer - 534.9 to 535.5 - brecciated filled with wispy epidote - 537.0 - 1/8" quartz carbonate stringer CA=25 - 543.8 to 545.0 - low angle quartz carbonate epidote stringer - 546.6 - discontinuous gash epidote stringer - 547.1 - 1/8" quartz carbonate stringer CA=20 - 549.0 - minor grinding - 549.3 - grey quartz and epidote irregular stringer - 562.0 to 562.5 - 1/8" to 1/4" quartz stringer with massive fine grained pyrite on contacts and 15% pyrite in stringer				
		- 562.9 - 1/2" quartz carbonate stringer CA=32 intersects 1/2" quartz carbonate veinlet with 50% fine grained pyrite content CA=15 (ends at 563.85)	26971	562.9	563.85	trace
567.0	612.6	MAFIC INTERFLOW TUFF WITH AMYGDALOIDAL PILLOW OR FLOW BRECCIA - as above, massive fine grained, pale to light green tuff, hard, non-magnetic, void of massive or pillow sections, - scattered fine grained pyrite overall <1% locally up to 2%				
		- 568.0 to 568.6 - 1/8" to 1/4" krinkled quartz carbonate veinlet with 15% fine grained pyrite content, CA=irregular	26972	567.0	569.0	0.014
		- 569.3 to 571.4 - light green with black chloritic "eyes" or clots, scattered 1/4" amygdules, this section appears to be brecciated and not a flow	26973 26974 26975	569.0 574.0 579.0	574.0 579.0 584.0	trace trace trace
		- 574.0 to 575.0 - 1% fine grained pyrite - 594.4 - 1/8" low angle carbonate stringer - 599.4 to 599.7 - 1/16" pyrite stringer - 600.7 - 1/4" to 1/2" carbonate and epidote stringer CA=15 - 601.1 - irregular mass of quartz carbonate epidote and chlorite				

From	To	Description	Sample	From	To	Au
		- 604.3 - pyrite stringer CA=55 - 606.0 - 20% pyrite on fracture CA=20 - 606.4 - pyrite stringer CA=20 - 606.5 - banded tuff CA=60 - 606.6 - pyrite stringer CA=60 - 607.6 - pyrite stringer CA=40 - 610.5 - patchy pyrite <1% - 612.1 - patchy pyrite <1% - 612.2 - 1/4" carbonate stringer CA=45 - 612.2 to 612.5 - amygdule band - 612.6 - gradational contact	26976	604.0	609.0	0.002
612.6	637.3	MAFIC TO ULTRAMAFIC FRAGMENTAL TUFF - fine grained, dark green with a purplish hue, massive, uniform, fragments angular to sub-angular, hard, non-magnetic, void of bedding - scattered pyrite overall <1% locally up to 2% to 3%, fine grained - 634.0 to 636.0 - large 1/8" to 1/4" angular fragments				
637.3	651.0	MASSIVE CONTACT ALTERATION ZONE - fine grained, dark green to blackish, very hard, non-magnetic, void of schistosity and/or bedding, decreases in colour to medium grey with depth, void of sulphides - 637.3 - contact broken core - 645.0 to 650.0 - wispy fracture filled epidote stringers 10 to 12 per foot, CA=55 to 65 - 651.0 - increase in grain size to medium grained				
651.0	689.0	OLIVINE DIABASE DIKE - medium grained, hard, mottled olive green clots in black green matrix, void of stringers, sulphides <0.5%, visible magnetite grains, moderately to strongly magnetic.				
689.0		END OF HOLE - casing pulled				



HANSON LAKE RESOURCES LIMITED

Location: L720mW 60mN	Elevation:	
Length: 511.0 FEET	Azimuth: N045E	Core Size: BQ
Logged By: Kian A. Jensen	Claim No.: P-672440	

INCLINATION TESTS			
DEPTH	DIP	DEPTH	DIP
collar	-45		
-250'	-42		
-511'	-39		

HLR-89-02

PROJECT: 89-002
ROLLO TOWNSHIP

Started: FEBRUARY 23, 1989

Finished: FEBRUARY 25, 1989

From	To	Description
0.0	125.0	Overburden
125.0	153.2	Massive Mafic Flow
153.2	262.8	Mafic Pillow or Massive Amygdaloidal Flows
262.8	263.1	Diabase Dike
263.1	277.2	Mafic Pillow or Massive Amygdaloidal Flows
277.2	277.5	Diabase Dike
277.5	285.4	Mafic Pillow or Massive Amygdaloidal Flows
285.4	287.3	Diabase Dike
287.3	290.2	Porphyritic Syenite Dike
290.2	315.9	Diabase Dike
315.9	338.0	Olivine Diabase Dike
338.0	511.0	Mafic Porphyritic Intrusive
511.0		End of Hole
		115 feet of Casing left in Hole

Sample	From	To

HANSON LAKE RESOURCES LIMITED	PROJECT: 89-002	Page 1 of 6	HLR-89-02

From	To	Description	Sample	From	To	Au	
0.0	125.0	OVERBURDEN					
125.0	153.2	MASSIVE MAFIC FLOW - fine grained, dark green to black green, massive, uniform, hard, slightly to moderately magnetic, porphyritic in places, colour changes with no visible lithological changes - scattered sulphides as pyrite overall <1%, locally up to 1% - 125.0 to 134.0 - slightly to moderately magnetic, magnetism ends at 134.0, no visible lithological change - 134.0 to 145.7 - scattered pyrite, locally at 145.7 up to 1% - 145.7 to 148.1 - medium green, with 1/16" white lathe shaped phenocrysts, hard, non-magnetic - 145.7 - contact CA=20 - 148.1 - contact CA=22 to 24 - 153.2 - contact CA=30					
153.2	262.8	MAFIC PILLOW OR MASSIVE AMYGDALOIDAL FLOWS - fine grained, medium green, hard, non-magnetic, amygdules range from 1/16" to 1/8" diameter usually pale green to dark green, interior of pillows generally characterized by quartz and/or carbonate filling of cooling fractures, locally interflow fine grained tuff to crystal tuff pale to medium green, local brecciation with quartz and carbonate fracture filling, ocassional epidote - scattered fine grained pyrite locally up to 1%, ocassional pyrite discontinuous stringer - 153.2 to 154.2 - 1/16" amygdules, sharp contact CA=30 and 25 - 158.7 to 158.9 - brecciated, carbonate filled fractures - 168.75 to 168.8 - quartz carbonate stringer with pyrite bleb CA=65 - 169.8 to 170.0 - 1/16" amygdules on contact with minor interflow tuff CA=50 - 171.0 - 1/4" quartz carbonate chlorite stringer CA=13 - 172.2 to 172.5 - 1/16" amygdules with interflow tuff - 173.5 to 173.7 - 1/16" amygdules with interflow tuff CA=50 - 177.8 to 178.1 - 1/16" amygdules with interflow tuff CA=54					

From	To	Description	Sample	From	To	Au	
		- 180.0 to 180.2 - 1/16" amygdules with interflow tuff CA=50 - 182.5 to 182.8 - patchy carbonate masses - 186.1 patchy pyrite - 186.3 to 186.4 - 1/16" amygdules - 187.2 - 1/16" amygdules - 189.4 - 1/2" grey quartz carbonate veinlet CA=25 cutting greyish stringer CA=25 in opposite direction - 193.3 - 1/16" amygdules - 194.0 to 194.1 - irregular quartz carbonate stringer, 1-2% pyrite - 194.6 to 194.7 - 1/16" amygdules - 195.8 - patchy greyish quartz, scattered fine grained pyrite - 195.9 to 196.1 - 1/16" amygdules - 196.8 - 1% fine to medium grained pyrite - 197.6 - hairlike pyrite stringer CA=10 - 200.75 to 200.9 - carbonate and massive epidote stringer CA=65 - 201.1 to 201.2 - carbonate and massive epidote stringer CA=60 - 201.6 - <1% scattered pyrite - 204.4 - 1/4" quartz carbonate chlorite stringer CA=55 which cuts pyrite stringer at 204.5 CA=27 - 205.55 - 1/8" quartz carbonate stringer CA=70 - 205.6 to 208.7 - fine to medium grained, carbonate filled cooling fractures - 210.6 to 210.7 - 1/16" amygdules - 211.6 - 1/4" quartz carbonate stringer CA=20 - 214.8 to 215.1 - 1/16" amygdules with interflow tuff CA=49 - 218.1 to 219.0 - low angle 1/8" quartz carbonate stringer with 10% pyrite - 221.9 - 1/4" quartz carbonate stringer CA=10 - 222.2 to 222.5 - 1/16" amygdules - 223.0 - 10" broken core - 224.1 to 224.5 - 1/16" amygdules - 225.3 to 225.5 - 1/16" amygdules - 227.4 to 228.0 - 1/8" to 1/4" irregular quartz carbonate stringer - 230.4 to 230.7 - 1/16" amygdules with interflow tuff CA=66 - 231.2 - 1/8" pyrite stringer - 231.5 to 231.6 - 1/16" amygdules - 236.0 to 239.0 - broken core, 1.7 feet lost core					

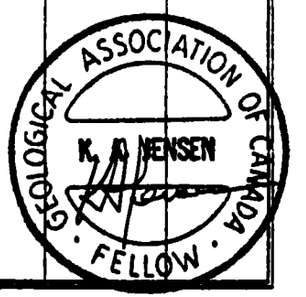
From	To	Description	Sample	From	To	Au	
		- 239.0 - 1/16" amygdules - 239.6 to 240.4 - 1/16" amygdules - 240.9 to 241.2 - 1/16" amygdules - 242.0 to 249.0 - broken core, 2.5 feet lost core - 249.8 - 1/16" amygdules CA=30 - 251.4 to 251.8 - 1/16" amygdules - 252.0 to 252.3 - 2% fine grained pyrite - 261.0 to 262.6 - broken core					
262.8	263.1	DIABASE DIKE - fine grained, black, very hard, very strongly magnetic, greyish alteration on contacts, contacts broken core					
263.1	277.2	MAFIC PILLOW OR MASSIVE AMYGDALOIDAL FLOWS - as above - 264.3 - 1' quartz carbonate epidote stringer CA=30, 1% fine pyrite - 264.9 to 265.4 - 1% to 1.5% fine grained pyrite - 266.0 to 266.4 - 1/16 amygdules - 269.0 - 1/16" amygdules - 271.0 to 271.3 - quartz carbonate epidote stringer - 273.3 - 1/16" amygdules and 1/8" quartz carbonate stringer with fine grained pyrite					
277.2	277.5	DIABASE DIKE - as above, 1% to 2% fine to medium grained pyrite, magnetic					
277.5	285.4	MAFIC PILLOW TO MASSIVE AMYGDALOIDAL FLOWS - as above - 279.9 - 1/4" epidote and 1% pyrite stringer CA=57 - 280.25, 280.45 and 280.75 - 1/4" epidote stringer with 1% pyrite CA=85 - 283.2 to 283.5 - 1/16" amygdules					
285.4	287.3	DIABASE DIKE - as above, both contacts ground					

From	To	Description	Sample	From	To	Au	
287.3	290.2	PORPHYRITIC SYENITE DIKE - fine grained whitish phenocrysts up to 1mm long in a very hard very fine grained medium greyish brown matrix, uniform, porphyritic, non-magnetic, intrusive contacts, void of stringer of all types, void of all sulphides - 287.3 - ground contact - 290.2 - sharpe contact CA=75					
290.2	315.9	DIABASE DIKE - as above, fine grained, uniform, black, very hard, massive, minor fracturing ocassionally filled with quartz carbonate hairlike stringers usually 1/8" CA=50 to 60, strongly magnetic - generally consistant 1% fine to medium grained pyrite - may contain small metavolcanic inclusions - 299.0 - minor grinding, broken core - 300.7 to 302.0 - brecciated, quartz carbonated healed - 303.3 to 303.8 - bleached buff alteration zone - 303.8 to 304.8 - low angle pink calcite with black inclusions - 308.0 to 314.0 broken core - 314.2 to 314.5 - bleached to medium green - 314.5 to 314.8 - low angle pink calcite and epidote stringers - 314.8 to 314.9 - buff green alteration - 314.9 to 315.1 - extremely magnetic - 315.1 to 315.4 - altered on contacts of epidote stringers					
315.9	338.0	OLIVINE DIABASE DIKE - medium to coarse grained pale green epidote masses and phenocrysts 1/4" in fine grained black matrix, moderately hard, uniform, non-magnetic, ocassional chloritic slip planes - 315.9 - gradational contact CA=55 - 324.0 - 1" chloritic mud seam, fault or shear zone - 332.6 - 2" chloritic mud seam, fault or shear zone - 332.6 to 338.0 - 2.5 feet lost core, suspected fault zone - 338.0 - chloritic mud seam CA=67, fault or shear zone					

From	To	Description	Sample	From	To	Au	
338.0	511.0	MAFIC PORPHYRITIC INTRUSIVE - fine to medium grained, greyish green matrix with blackish to cream colour phenocrysts <1/16", hard, massive, uniform, non-magnetic, ocassional quartz and/or carbonate stringer 1 to 2 per 10 foot section CA=42 to 70 - ocassional chloritic slips or stringers with local blebs of pyrite - rare scattered fine to medium grained pyrite - 373.8 - 1/4" quartz carbonate stringer CA=45 - 376.15 - 1/2" quartz carbonate stringer CA=45 - 377.1 - pyrite bleb - 383.7 - 1/2" quartz carbonate stringer with felsic inclusion, CA=34 - 385.5 - quartz carbonate stringer CA=29 - 385.65 - quartz carbonate stringer CA=29 - 387.0 onwards - increasing amount of epidote stringers - 388.0 to 399.5 - fine grained, uniform - 392.0 to 392.15 - quartz carbonate epidote stringer CA=45 - 399.5 to 400.7 - irregular quartz carbonate epidote stringer - 404.7 to 405.0 - quartz carbonate stringer CA=irregular and CA=30 - 418.8 to 419.1 - quartz carbonate stringer CA=35 - 422.0 to 423.1 - irregular low angle quartz carbonate mass - 423.5 - 1.25" quartz veinlet CA=35 to 40 - 445.5 - minor pyrite associated with epidote stringer - 446.6 - 1/2" quartz veinlet with minor pyrite CA=75 - 449.0 - 1/4" quartz epidote stringer 2% pyrite CA=30 - 451.3 - 1/2" quartz stringer CA=75 - 459.2 to 459.3 - quartz epidote with 1% pyrite CA=55 - 468.4 - 1/4" quartz carbonate with 1% pyrite CA=85 to 90 - 469.9 - 1/4" quartz carbonate stringer CA=35 - 484.4 to 484.75 - quartz carbonate stringer CA=30 to 35 - 490.4 to 491.2 - quartz carbonate chlorite stringer with few specks of pyrite CA=27 - 491.5 and 492.0 - 1/4" quartz carbonate stringer CA=41 and 35 - 492.3 - 1/4" quartz stringer CA=50 - 493.1 to 493.2 - quartz carbonate epidote stringer CA=60 - 497.4 - 1/8 quartz carbonate with pyrite	26977	404.0	405.0	trace	

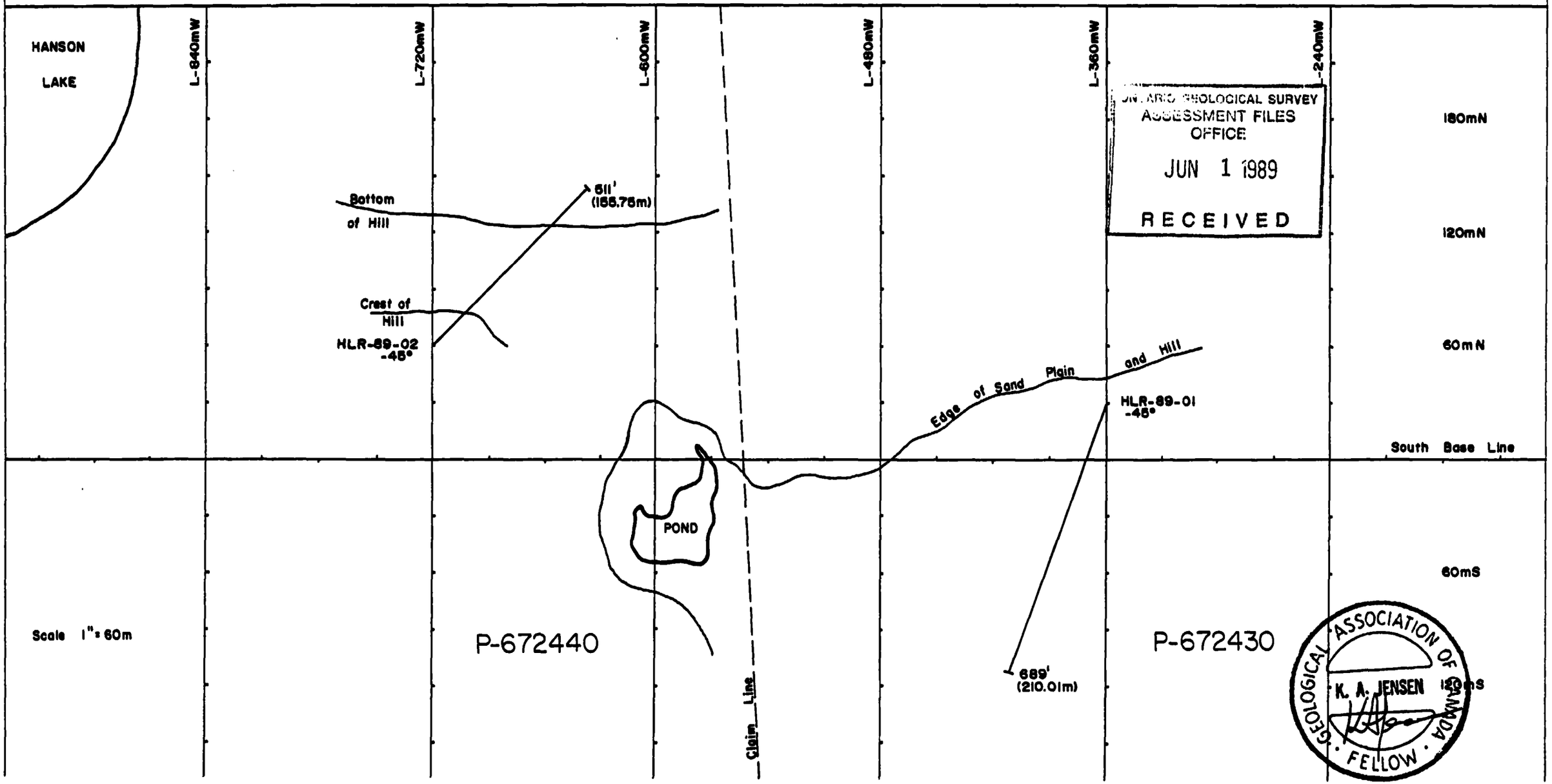
HANSON LAKE RESOURCES LIMITED	PROJECT: 89-002	Page 6 of 6	HLR-89-02

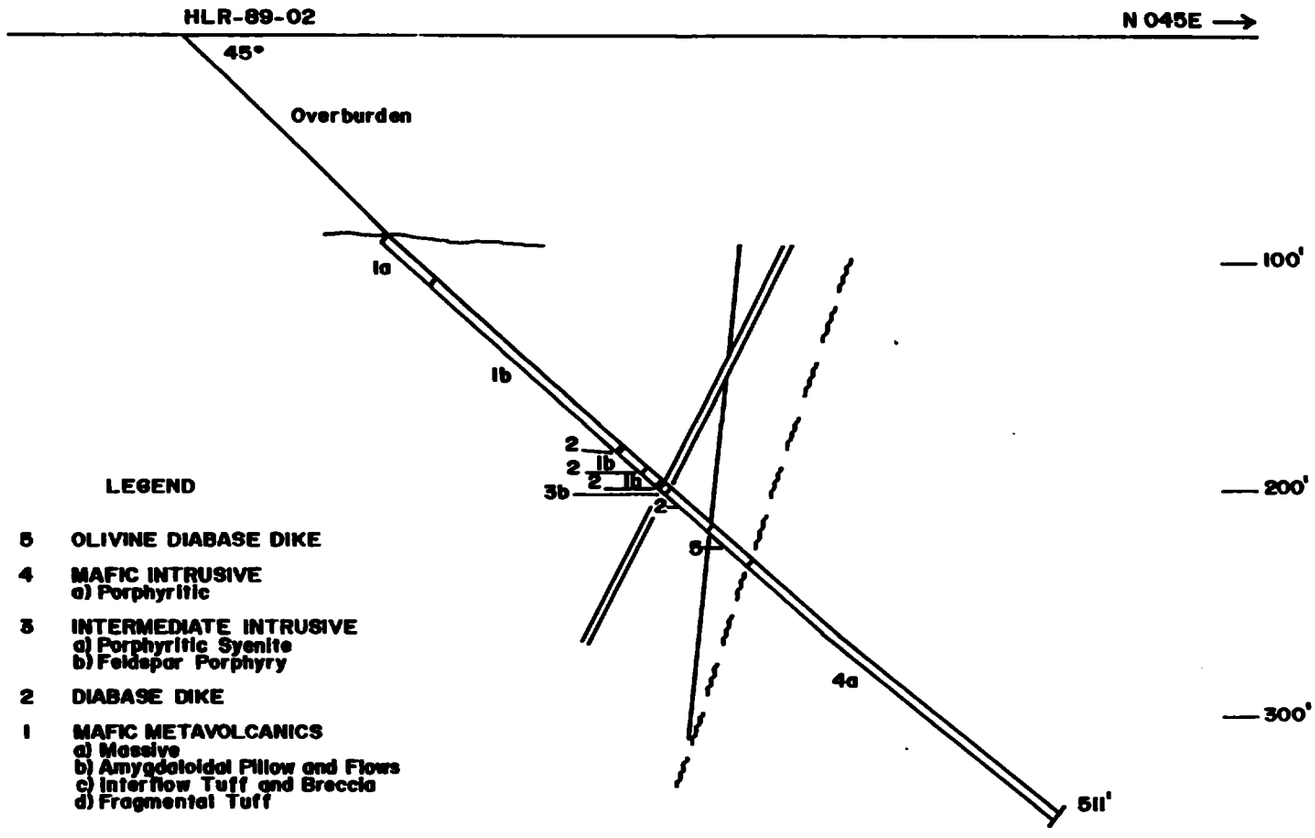
From	To	Description	Sample	From	To	Au
		- 499.5 - 1/2" to 3/4" irregular quartz carbonate chlorite stringer with <1% fine pyrite - 507.1 - 1/2" quartz carbonate stringer CA=89 - 508.0 - 1/4" quartz carbonate stringer CA=85 - 510.4 - irregular quartz carbonate krinkled stringer CA=45				
511.0		End of Hole -NW casing pulled, of the 125 feet of BW casing, 115 feet left in hole				



HANSON LAKE RESOURCES LIMITED

DRILL HOLE LOCATION MAP





LEGEND

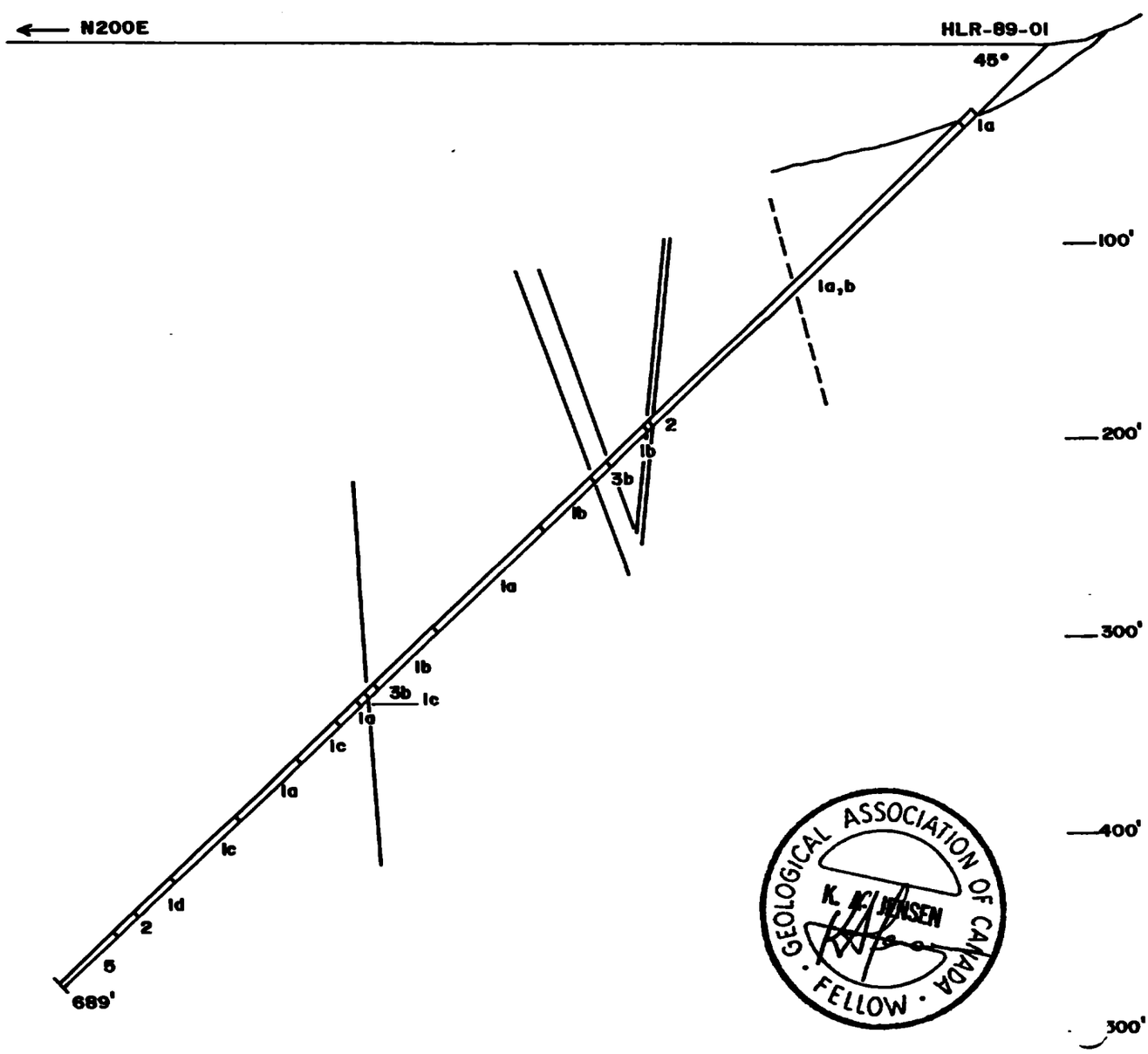
5 OLIVINE DIABASE DIKE

4 MAFIC INTRUSIVE
a) Porphyritic

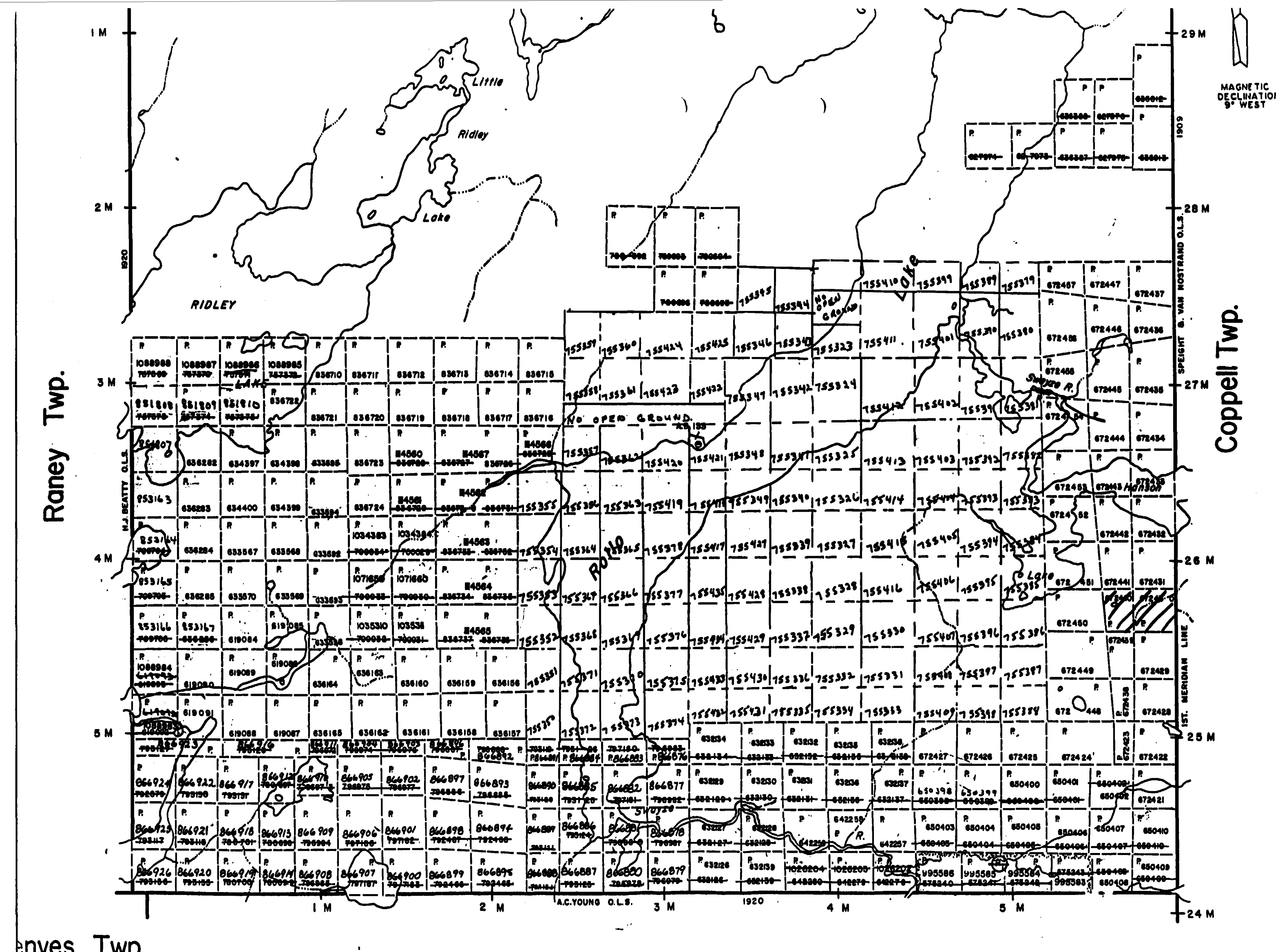
3 INTERMEDIATE INTRUSIVE
a) Porphyritic Syenite
b) Feldspar Porphyry

2 DIABASE DIKE

1 MAFIC METAVOLCANICS
a) Massive
b) Amygdaloidal Pillow and Flows
c) Interflow Tuff and Breccia
d) Fragmental Tuff



HANSON LAKE RESOURCES LIMITED DRILL HOLES



RESERVATIONS
ORIGINAL SHORELINE
MARSH OR MUSKEG
MINES
TRAVERSE MONUMENT

DISPOSITION OF

TYPE OF DOCUMENT

PATENT, SURFACE & MINING
" , SURFACE RIGHTS O
" , MINING RIGHTS ONL
LEASE, SURFACE & MINING R
" , SURFACE RIGHTS ONL
" , MINING RIGHTS ONLY
LICENCE OF OCCUPATION
ORDER-IN-COUNCIL
RESERVATION
CANCELLED
SAND & GRAVEL

NOTE: MINING RIGHTS IN PARCE 1913, VESTED IN ORIGINA LANDS ACT, R.S.O. 1970.

SCALE: 1 INCH = 40 CHAIN

FEET 0 1000 2000 40
METRES 0 200 1000 (1 KM)

TOWNSHIP

ROLLO

M.N.R. ADMINISTRATIVE

CHAPLEAU

MINING DIVISION

PORCUPINE

LAND TITLES / REGISTRY

SUDBURY

Ministry of Natural Resources

Ministry of Northern Development and Mines
Ontario

Report of Work

DOCUMENT No. W 8906-28

Mining A

41015SE0012 17 ROLLO

900

Name a[illegible]stal Address of Recorded Holder

HANSON LAKE RESOURCES LIMITED | T-1640

P.O. Box 41, STATION A, ISLINGTON, ONTARIO M9A 4X1

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 1200 Days

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☑ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.	Mining Claim Prefix	Mining Claim Number	Work Days Cr.
P	672428	40	P	672436	40	P	672444	40
	672429	40		672437	40		672445	40
	672430	40		672438	40		672446	40
	672431	40		672439	40		672447	40
	672432	40		672440	40		672448	40
	672433	40		672441	40		672449	40
	672434	40		672442	40		672450	40
	672435	40		672443	40		672451	40

All the work was performed on Mining Claim(s): P-672440 and P-672430

ONTARIO GEOLOGICAL SURVEY
ASSESSMENT FILES OFFICE
JUN 1 1989
RECEIVED

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

Core Size: BQ.

Hole HLR-89-01 = 689 Feet
Hole HLR-89-02 = 511 Feet
Total Drilled 1200 Feet

DRILLING COMPANY: TRIANGLE DRILLING CO. LTD.
106 FIELDING RD., RR#2
LIVELY, ONTARIO
P0M 2E0

DRILLING DATES: FEBRUARY 10 TO 25, 1989

RECORDED
MAR 15 1989

PORCUPINE MINING DIVISION
RECEIVED
MAR 15 1989
12:50 pm

Date of Report: March 15/89

Recorded Holder or Agent (Signature): Kian Afanasen

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

KIAN A. JENSEN P.O. BOX 37, SOUTH PORCUPINE ONTARIO P0N 1H0

Date Certified: March 15/89

Certified by (Signature): Kian Afanasen

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		
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping	

FOLD TWP

istry of
Northern Development
and Mines

Report of Work

Instructions – Supply required data on a separate form for each type of work to be recorded (see table below).
– For Geo-technical work use form no. 1362 "Report of Work (Geological, Geophysical, Geochemical and Expenditures)".

Mining Act Page 2 of 2

Name and Address of Recorded Holder	Prospector's Licence No.
HANSON LAKE RESOURCES LIMITED	T-1640
P.O. BOX 41, STATION A, ISLINGTON, ONTARIO M9A 4X1	

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed: 1200 days

for Performance of the following work. (Check one only)

- ☐ Manual Work
- ☐ Shaft Sinking Drifting or other Lateral Work.
- ☐ Compressed Air, other Power driven or mechanical equip.
- ☐ Power Stripping
- ☑ Diamond or other Core drilling
- ☐ Land Survey

Mining Claim Prefix	Mining Claim Number	Work Days Cr.
P	672452	40
	672453	40
	672455	40
	672454	40
	672456	40
	672457	40

Mining Claim Prefix	Mining Claim Number	Work Days Cr.

Mining Claim Prefix	Mining Claim Number	Work Days Cr.

All the work was performed on Mining Claim(s): P-672440 and P-672430

Page 2 of 2

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

see page 1

PORCUPINE MINING DIVISION
RECEIVED
MAR 15 1989
12:50 pm

Date of Report	Recorded Holder or Agent (Signature)
March 15/89	K.A. Jensen

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		
KIAN A. JENSEN P.O. BOX 37, SOUTH PORCUPINE ONTARIO P0N 1H0	Date Certified: March 15/89	Certified by (Signature): K.A. Jensen

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		
Power Stripping	Type of equipment and amount expended. **Note:** Proof of actual cost must be submitted within 30 days of recording.	Names and addresses of owner or operator together with dates when drilling/stripping	