



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO POK 1T0

TELEPHONE: (705) 642-3244

EMISTS • ASSAYERS • CONSULTANTS



52F16NE8391 2.5407 PICKEREL

of Analysis

010

Certificate No. 53708

Date: August 3, 1982

Received July 27, 1982 107 Samples of Whole Core/Spilt Core

Submitted by National Mines Limited, Sioux Lookout, Ontario For: W. NoFae

Page 1 of 3

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
2155	Nil	2175	Nil
2156	Nil	2176	40
2157	100	2177	960
2158	60	2178	30
2159	40	2179	70
2160	Nil	2180	Nil
2161	Nil	2181	510
2162	20	2182	270
2163	30	2183	60
2164	2720	2184	Nil
2165	80	2185	Nil
2166	10	2186	Nil
2167	Nil	2187	30
2168	Nil	2188	Nil
2169	Nil	2189	20
2170	Nil	2190	1190
2171	Nil	2191	2050
2172	Nil	2192	Nil
2173	10	2193	250
2174	Nil	2194	50

Per
C. Lebel - Manager

ESTABLISHED 1928





SWASTIKA LABORATORIES LIMITED

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ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

Certificate of Analysis

Certificate No. 53708

Date: August 3, 1982

Received July 27, 1982 107 Samples of Whole Core/Split Core

Submitted by Nahanni Mines Limited, Sioux Lookout, Ontario Per: W. MacRae

Page 2 of 3

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPB
2195	1020	2215	140
2196	840	2216	10
2197	N11	2217	N11
2198	N11	2218	450
2199	N11	2219	790
2200	N11	2220	30
2201	N11	2221	N11
2202	50	2222	N11
2203	490	2223	N11
2204	230	2224	9540 JC27
2205	270	2225	10
2206	40	2226	N11
2207	2220	2227	N11
2208	1350	2228	N11
2209	780	2229	80
2210	280	2230	N11
2211	90	2231	N11
2212	1320	2232	20
2213	320	2233	270
2214	150	2234	3750

Per G. Lebel
G. Lebel - Manager



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SAMPLE NO.	GOLD PPM	SAMPLE NO.	GOLD PPM
2235	30	2248	80
2236	N11	2249	160
2237	N11	2250	1620
2238	130	2251	320
2239	N11	2252	80
2240	480	2253	900
2241	40	2254	220
2242	N11	2255	50
2243	10	2256	1400
2244	N11	2257	14270
2245	N11	2258	10
2246	200	2259	10
2247	30	2260	N11
		2261	N11

Per

G. Lebel - Manager

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Certificate of Analysis

Certificate No. 53785


Date: August 18, 1982

Received August 11, 1982 100 Samples of Split Core/Whole Core

Submitted by Nahanni Mines Limited, Timmins, Ontario Attn: Mr. W. MacRae

Page 1 of 2

SAMPLE NO.	GOLD PPB	SAMPLE NO.	GOLD PPM	SAMPLE NO.	GOLD PPM
2301	110	2321	50	2341	30
2302	190	2322	10	2342	100
2303	Nil	2323	150	2343	Nil
2304	Nil	2324	50	2344	510
2305	Nil	2325	20	2345	130
2306	Nil	2326	Nil	2346	100
2307	Nil	2327	Nil	2347	10
2308	Nil	2328	Nil	2348	2130
2309	Nil	2329	Nil	2349	900
2310	Nil	2330	30	2350	20
2311	Nil	2331	Nil	2351	300
2312	Nil	2332	40	2352	40
2313	Nil	2333	30	2353	100
2314	Nil	2334	460	2354	10
2315	Nil	2335	290	2355	Nil
2316	Nil	2336	80	2356	750
2317	Nil	2337	Nil	2357	30
2318	Nil	2338	20	2358	Nil
2319	Nil	2339	Nil	2359	1010
2320	Nil	2340	Nil	2360	30

Per 
G. Lebel - Manager

ESTABLISHED 1928





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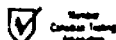
Page 2 of 2

SAMPLE NO.	GOLD PPM	SAMPLE NO.	GOLD PPM
2361	Nil	2381	Nil
2362	Nil	2382	Nil
2363	Nil	2383	20
2364	Nil	2384	Nil
2365	Nil	2385	Nil
2366	Nil	2386	410
2367	Nil	2387	Nil
2368	Nil	2388	Nil
2369	Nil	2389	Nil
2370	30	2390	Nil
2371	10	2391	Nil
2372	Nil	2392	Nil
2373	60	2393	Nil
2374	10	2394	Nil
2375	Nil	2395	Nil
2376	10	2396	20
2377	Nil	2397	Nil
2378	Nil	2398	Nil
2379	Nil	2399	Nil
2380	40	2400	40

Per

G. Lebel - Manager

ESTABLISHED 1928



Re-Sampled

NAHANNI MINES LTD.

INCLINATION TESTS					
DEPTH	DIP	DEPTH	DIP	DEPTH	DIP
COLLAR					

HOLE NO: Q-1

LOCATION: Pickeral Two GRID: 7W/2+50N ELEVATION:
 LENGTH: 437.0' HORIZ: VERT: AZIMUTH: 148° CORE SIZE: BQ
 RECOVERY: LOGGED BY: Claim # Pa533047

PROJECT: Quyta
 STARTED:
 FINISHED:

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS									
				SAMPLE	FROM	TO	LENGTH	Cu (ppm)	Zn (ppm)	Au (ppb)	Au (ppb)		
0	26.3	Casing											
26.3	437.0	Feldspar porphyry											
				2361	73.3	78.3	5.0			Tr	N11		
				2362	78.3	83.3	5.0			Tr	N11		
				2363	83.3	88.3	5.0			Tr	N11		
				2364	88.3	93.3	5.0			N11	N11		
				2365	93.3	98.3	5.0			Tr	N11		
				2366	98.3	103.3	5.0			Tr	N11		
				2367	103.3	108.3	5.0			Tr	N11		
				2368	108.3	113.3	5.0			Tr	N11		
				2369	113.3	118.3	5.0			Tr	N11		
				2370	118.3	123.3	5.0			Tr	30		
				2371	123.3	128.3	5.0			Tr	10		
				2372	128.3	133.3	5.0			Tr	N11		
				2373	133.3	138.3	5.0			Tr	60		
				2374	138.3	143.3	5.0			N11	10		
				2375	151.0	156.0	5.0			Tr	N11		
				2376	156.0	161.0	5.0			Tr	10		
				2377	161.0	162.7	1.7			N11	N11		
				2378	162.7	172.6	9.9			-	N11		
				2379	205.0	207.6	2.6			Tr	N11		
				2380	207.6	209.2	1.6			Tr	40		
				2381	209.2	214.2	5.0			Tr	N11		
				2382	214.2	219.2	5.0			Tr	N11		
				2383	219.2	224.2	5.0			Tr	20		
				2384	224.2	229.2	5.0			Tr	N11		
				2385	239.2	241.7	2.5			N11	N11		
				2386	241.7	244.2	2.5			.01	410	17	
				2387	244.2	249.2	5.0			Tr	N11		
				2388	249.2	254.2	5.0			Tr	N11		
				2389	254.2	259.2	5.0			Tr	N11		
				2390	259.2	264.5	5.3			N11	N11		
				2391	264.5	266.7	2.2			Tr	N11		
				2392	266.7	271.7	5.0			Tr	N11		



52F16NE8391 2.5407 PICKEREL

020

*W/H - Warnock Hersev. Swas. - Swastika Labs B-W - Ball-White Labs

Re-Sampled

NAHANNI MINES LTD.

INCLINATION TESTS

DEPTH	DIP	DEPTH	DIP	DEPTH	DIP
COLLAR					



LOCATION: Pickeral Twp **GRID:** 1W/3+00S **ELEVATION:**
LENGTH: 793.0' **HORIZ.:** **VERT.:** **AZIMUTH:** 328° **CORE SIZE:** BQ
RECOVERY: **LOGGED BY:** Claim #Pa-533047

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	SAMPLE	FROM	TO	LENGTH	ANALYTICAL RESULTS
0	4.6'	Casing						Sample Length
4.6'	236.4	Mafic Volcanics						
236.4	780.8	Feldspar Porphyry						
				2326	235.0	238.4	3.4	3.4
				2327	238.4	243.4	5.0	5.0
				2328	243.4	248.4	5.0	5.0
				2329	248.4	253.4	5.0	5.0
				2330	260.2	264.0	3.8	3.8
				2331	264.0	268.2	4.2	4.2
				2332	268.2	271.2	3.0	3.0
				2333	271.2	273.2	2.0	2.0
				2334	273.2	278.2	5.0	5.0
				2335	278.2	283.2	5.0	5.0
				2336	283.2	288.2	5.0	5.0
				2337	288.2	292.1	3.9	3.9
				2338	291.1	296.6	4.5	4.5
				2339	296.6	299.8	3.2	3.2
				2340	299.8	304.3	4.5	4.5
				2341	304.3	305.7	1.2	1.2
				2342	305.7	308.8	3.1	3.1
				2343	308.8	314.2	2.4	2.4
				2344	317.0	320.5	3.5	3.5
				2345	320.5	322.3	1.8	1.8
				2346	322.3	324.6	2.3	2.3
				2347	324.6	326.0	1.4	1.4
				2348	495.0	498.1	2.2	2.2
				2349	498.1	503.1	5.0	5.0
				2350	503.1	508.1	5.0	5.0
				2351	508.1	513.3	5.2	5.2
				2352	513.3	515.3	2.0	2.0
				2353	515.3	519.0	3.7	3.7
				2354	519.0	522.0	4.0	4.0
				2355	564.5	566.0	1.5	1.5
				2356	566.0	567.4	1.4	1.4

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INCLINATION TESTS

DEPTH	DIP	DEPTH	DIP	DEPTH	DIP
COLLAR	55°				

HOLE NO.: Q-5

LOCATION: Pickeral Twp **GRID:** 1E/3+00S **ELEVATION:**
LENGTH: 753.0' **HORIZ.:** **VERT.:** **AZIMUTH:** 328° **CORE SIZE:** BQ
RECOVERY: **LOGGED BY:** W. MacRae **Claim #** Pa-533046

PROJECT: Quyta
STARTED
FINISHED

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	SAMPLE	ANALYTICAL RESULTS										
					FROM	TO	LENGTH	Cu (ppm)	Zn (ppm)	Ag (ppm)	Au (ppb)	AR (ppb)			
0	29.0	Casing													
29.0	288.0	HIGH IRON MAFIC VOLCANICS													
		- fine grained, dark green in colour	- minor pyrite as coarse cubes randomly located	2155	226.0	228.6	2.6	2.6							
		- variolitic from 37.5 to 54.8	throughout section	2167	284.3	289.3	5.0	5.0							
		- 15-20% epidotization as masses and veins	- from 61.5 to 66.3 1% pyrite as disseminated coarse grained cubes up to 1 mm in size.	2321	279.3	284.3	5.0	5.0							
		- 10% narrow quartz veining													
		- moderately to strongly magnetic													
		- interflow tuff/sediment from 68.9 to 78.2													
		- intensified massive and tuffaceous units less than 1' wide from 95.0 to 166.0 with 1% stringers of magnetite in tuffaceous sections													
		- predominately tuffaceous from 166.0 to 200.0													
		- thick pillows or thin flows from 200.0 to 272.1 with flow contacts containing 5% magnetite from 213.6 to 215.7, 220.5 to 229.2, 237.6 to 238.6, 250.1 to 250.8, 252.3 to 252.8, 257.3 to 258.0, 260.8 to 263.7 and 266.7 to 268.5													
		- tuffaceous from 272.1 to 288.0													
		- carbonate becomes evident from 274.8 to 288.0 (10%)													

*W/H - Warnock Hersey. Swas. - Swastika Labs, B-W - Bell-White Labs.

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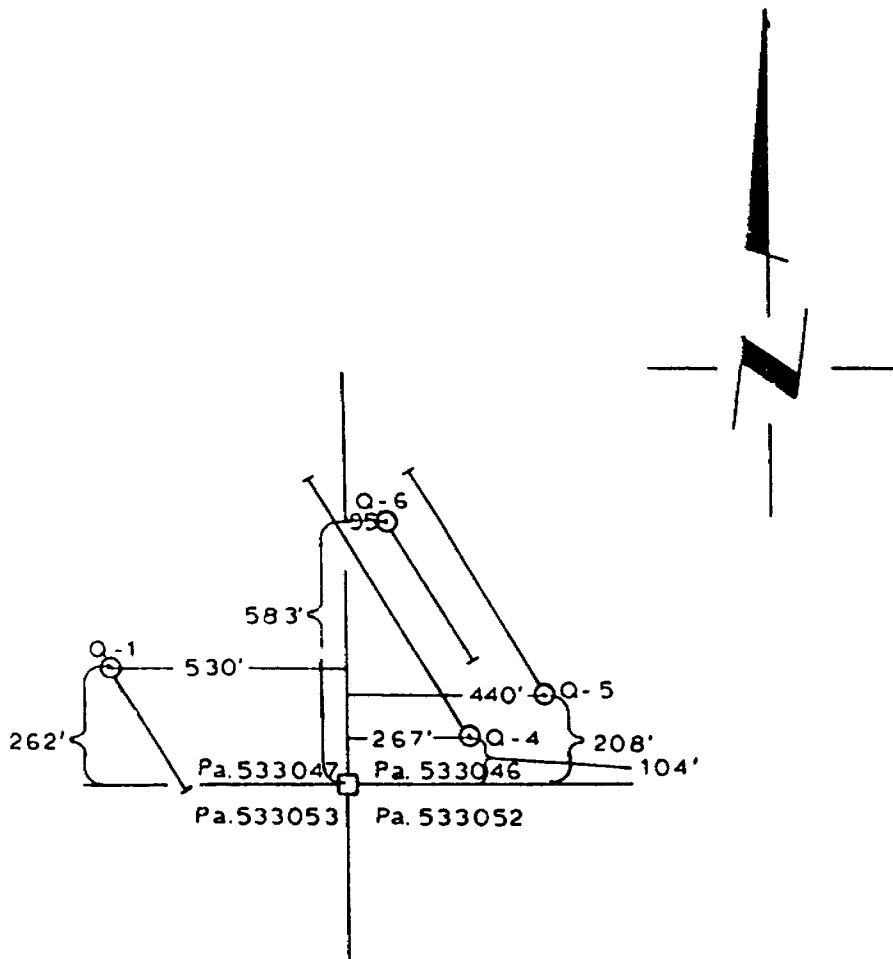
LOCATION: Pickeral Twp **GRID:** L0/2N **ELEVATION:**
LENGTH: 683.0' **HORIZ.:** **VERT.:** **AZIMUTH:** 148° **CORE SIZE:** BQ
RECOVERY: **LOGGED BY:** Claim # Pa-533046

INCLINATION TESTS			
DEPTH	DIP	DEPTH	DIP
COLLAR	70°		

HOLE NO.: Q-6
PROJECT: Quyta
STARTED:
FINISHED:

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	SAMPLE	FROM	TO	LENGTH	ANALYTICAL RESULTS			
								Fe (ppm)	Zn (ppm)	Ag (ppb)	
0	4.2	Casing						Sample	W/H	Swas.	B-W
4.2	634.2	Feldspar Porphyry						Length			
				2226	196.3	198.5	2.2	2.2	-	Nil	
				2227	198.5	203.5	5.0	5.0	0.01	Nil	
				2228	203.5	208.5	5.0	5.0	Nil	Nil	
				2229	213.5	218.5	5.0	4.9	Tr	80	
				2230	218.5	224.0	5.5	5.3	Nil	Nil	
				2231	224.0	229.7	5.7	5.7	Tr	Nil	
				2232	229.7	234.7	5.0	4.9	Nil	20	
				2233	234.7	239.7	5.0	5.0	Tr	270	
				2234	239.7	243.0	3.3	3.3	0.28	4954	
				2235	243.0	245.6	2.6	2.5	0.01	30	156
				2236	292.7	297.7	5.0	5.0	Nil	Nil	
				2237	297.7	300.7	3.0	3.0	0.01	Nil	21
				2238	300.7	304.1	3.4	3.4	0.01	130	41
				2239	304.1	309.4	5.3	5.3	Tr	Nil	20
				2240	309.4	314.4	5.0	5.0	Tr	480	93
				2241	314.4	319.4	5.0	5.0	Tr	40	84
				2242	319.4	324.4	5.0	5.0	Nil	Nil	
				2243	324.4	329.4	5.0	5.0	0.01	10	
				2244	329.4	334.4	5.0	5.0	Tr	Nil	
				2245	334.4	339.4	5.0	5.0	Nil	Nil	
				2246	359.4	364.4	5.0	5.0	Tr	200	
				2247	364.4	369.4	5.0	5.0	0.01	30	
				2248	528.8	532.0	3.2	3.	Tr	80	
				2249	532.0	535.5	3.5	3.	Tr	160	85
				2250	535.5	539.0	3.5	3.5	2.03	1620	2724
				2251	539.0	542.6	3.6	3.6	Tr	320	124
				2252	542.6	547.6	5.0	5.0	0.01	80	41
				2253	547.6	552.6	5.0	5.0	Nil	900	32
				2322	552.6	557.6	5.0	5.0	Nil	10	
				2323	557.6	562.6	5.0	5.0	Tr	150	
				2254	562.6	567.6	5.0	5.0	Nil	220	
				2255	567.6	572.6	5.0	5.0	0.01	50	

*W/H - Warnock Hersey. Swas. - Swastika Labs. B-W - Bell-White Labs.



NAHANNI MINES LTD.

Drill Hole Locations
 Quyta Showing

Pickerel Twp.

Patricia Mining Division

Feb., 1983

Scale: 1" = 400'



WEM

25407 dlp

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NAHANNI MINES LTD.				INCLINATION TESTS				HOLE NO: QM-9			
DEPTH	DIP	DEPTH	DIP	DEPTH	DIP						
COLLAR	50°					PROJECT: Quyta					
200'	36°					STARTED: March 10, 1981					
400'	32°					FINISHED: March 21, 1981					
600'	31°										

LOCATION: Pickeral Twp **GRID:** L132W/9+00N **ELEVATION:**
LENGTH: 639.0 **HORIZ:** **VERT:** **AZIMUTH:** 148° **CORE SIZE:** Ax
RECOVERY: **LOGGED BY:** W. MacRae **Claim #** Pa-489913

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS														
				SAMPLE	FROM	TO	LENGTH	Cu (ppm)	Zn (ppm)	Au (ppm)	Au (ppm)	Au (ppm)						
0	25.0	CASING																
25.0	105.8	MAFIC TUFF - medium to fine-grained - medium to dark green in colour - medium-grained and poorly bedded from 25.0 to 26.1, 27.6 to 42.9, 44.5 to 46.9, 90.7 to 90.9, and 100.1 to 105.8 - 1-2% narrow (less than 1/8") quartz-carbonate veins randomly oriented	- 1% sulphides as pyrite and and pyrrhotite in slips and fractures throughout section															
105.8	124.4	MAFIC TO INTERMEDIATE FLOWS - massive - dark green in colour - minor - quartz veins containing amphibole and chlorite from 111.1 to 111.7, 112.3 to 112.6 and 120.6 to 121.0 - slightly magnetic	- minor to 1% pyrite as randomly distributed euhedral grains up to 1 mm in size															
124.4	170.0	VARIOLITIC FLOWS - very fine-grained - 50 to 80% variolites up to 1 mm in size and stretched along an axis 50° to core axis - possibly pillowed - tuffaceous from 124.4 to 126.0	- 2% sulphides as pyrrhotite and pyrite on fracture planes and as occasional euhedral cubes (pyrite)	2185	148.2	153.2	5.0	4.5										
				2186	153.2	158.2	5.0	3.5										
				2187	158.2	160.5	2.3	1.5										

* W/H - Warnock Hersey, Swas. - Swastika Labs., B-W - Bell-White Labs.

NAHANNI MINES LTD.

PROJECT: Qayta

HOLE NO: QM-8

PAGE 2 of 3

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS										
				SAMPLE	FROM	TO	LENGTH	Co (ppm)	Zn (ppm)	Pb (ppm)	Ag (ppm)	Cu (ppm)		
70.0	225.0	INTERMEDIATE TUFF - fine-grained - medium green in colour - poorly bedded with bedding 55° to core axis - coarse-grained and poorly bedded from 178.5 to 197.3	- trace sulphides											
225.0	428.2	ULTRAMAFIC INTRUSIVE - dark green in colour - fine-grained from 225.0 to 260.0 and 367.0 to 428.7 - medium-grained from 260.0 to 367.0 - 15 to 20% epidotization and in coarser grained section 20% serpentinization as whitish masses - 1% narrow quartz-carbonate veins - quartz-carbonate veins at 275.3 (5"), 289.3 (2"), 284.4 (4"), 337.4 (4") and 409.1 (2") - slightly to moderately magnetic in places	- minor finely disseminated pyrite	2172	418.8	423.8	5.0	5.0		Nil	Nil			
				2173	423.8	428.8	5.0	5.0		Tr	10			
-25.2	495.5	FELSIC TUFF - light coloured with 30 to 40% mafic minerals - 40-50% quartz - mafic minerals as bands of biotite and chlorite - slightly magnetic in places - appears gneissic with mafic layers 60° to core axis - tuff becomes more mafic from 471.0 to 490.5 with	- 2-3% pyrite as masses (1") and finely disseminated grains - quartz veins containing minor pyrite and pyrrhotite at 435.2 (2½"), 437.2 (2"), 439.0 (4"), 447.9 (2"), 449.7 (½"), 461.8 (4"), 465.7 (8")	2174	428.8	432.2	3.4	3.2		Nil	Nil			
				2175	432.2	434.3	2.1	2.1		Tr	Nil	36		
				2176	434.3	439.5	5.2	4.9		Nil	40	22		
				2177	447.7	451.4	3.7	3.7		Tr	960			
				2178	451.4	456.4	5.0	5.0		Tr	30			
				2179	456.4	460.4	4.0	3.7		Nil	70			
				2180	460.4	462.5	2.1	1.8		Tr	Nil	206		
				2181	462.5	466.0	3.5	3.5		0.12	510			
				2182	466.0	470.5	4.5	4.5		0.03	270	962		
				2183	470.5	475.5	5.0	5.0		Tr	50	67		
				2184	475.5	480.5	5.0	3.7		Tr	Nil			

NAHANNI MINES LTD.

PROJECT: Quyta

HOLE ~~NAHANNI~~

PAGE 3

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS				
				SAMPLE	FROM	TO	LENGTH	Gr. Type
		up to 1 mm in size						Samples
		- 2-3% finely disseminated ankerite throughout section		2301	439.5	444.5	5.0	5.0
		- sand from 462.0 to 462.6		2302	444.5	447.7	3.2	2.7
435.5	525.5	MAFIC TUFF						
		- dark green to light grey-green in colour	- minor pyrite as euhedral cubes					
		- well bedded with bedding 60° to core axis						
525.5	615.0	SILICEOUS SEDIMENT						
		- very fine-grained	- bleached or highly siliceous zones from 535.0 to 536.0 and 561.0 to 562.0					
		- dark grey in colour	containing 5% euhedral pyrite grains and 10% quartz veining					
		- 10% narrow quartz veining throughout section						
615.0	623.0	FELDSPAR PORPHYRY INTRUSIVE						
		- light pink to grey in colour	- minor to 1% finely disseminated pyrite	2188	615.0	619.0	4.0	4.0
		- medium-grained		2189	619.0	623.0	4.0	4.0
		- upper contact conformable with bedding						
623.0	639.0	MAFIC TUFF						
		- fine-grained	- 1% finely disseminated pyrite					
		- dark green in colour						
		- well bedded with bedding 70° to core axis						
		- 3% quartz-carbonate veining						
	639.0	---END OF HOLE---						

NAHANNI MINES LTD.

INCLINATION TESTS

HOLE NO.: QM-9

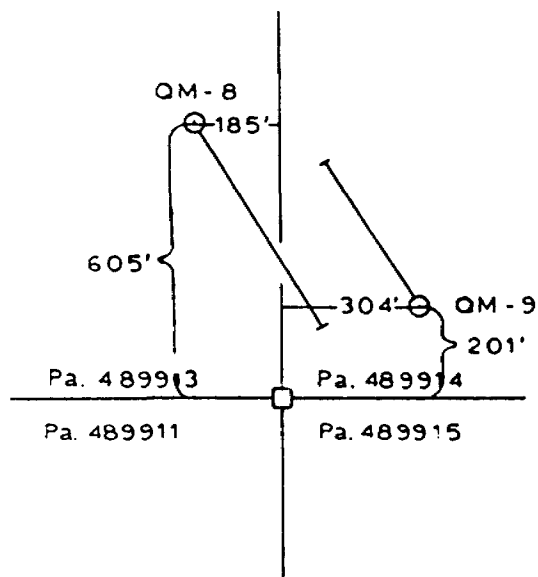
LOCATION: Pickeral Twp GRID: L130W/3+05N ELEVATION:
 LENGTH: 507.5 HORIZ: VERT: AZIMUTH: 328° CORE SIZE: Ax
 RECOVERY: LOGGED BY: W. MacRae Claim # Pa-489914

DEPTH	DIP	DEPTH	DIP	DEPTH	DIP
COLLAR	50°				
250'	40°				
500'	39°				

PROJECT: Quyta
 STARTED March 23, 1981
 FINISHED March 30, 1981

FROM	TO	LITHOLOGY AND ALTERATION	MINERALIZATION-STRUCTURES	ANALYTICAL RESULTS											
				SAMPLE	FROM	TO	LENGTH	Fe (ppm)	Zn (ppm)	DE/TON	Au (ppb)	Ag (ppb)			
0	5.0	CASING						Sampled							
								Length							
5.0	110.6	INTERMEDIATE VOLCANICS - dark green in colour - diabasic texture - 20% epidotized feldspar laths 0.5 mm in length - 3% quartz-feldspar-epidote veins	- minor euhedral and disseminated pyrite												
110.6	195.0	INTERMEDIATE TUFF - light green to dark green in colour - poorly bedded from 109.8 to 156.0 - sand from 156.0 to 156.2 - well bedded sections 60° to core axis	- trace amounts of finely disseminated pyrite	2303	110.0	115.0	5.0	3.9			Nil	Nil			
				2304	115.0	120.0	5.0	2.4			Nil	Nil			
				2305	120.0	125.0	5.0	4.3			Nil	Nil			
				2306	125.0	130.0	5.0	4.7			Nil	Nil			
				2307	130.0	135.0	5.0	4.4			Nil	Nil			
				2308	135.0	140.0	5.0	5.0			Nil	Nil			
				2309	140.0	145.0	5.0	5.0			Nil	Nil			
				2310	145.0	150.0	5.0	5.0			Nil	Nil			
195.0	221.8	SILICEOUS SEDIMENTS - very fine grained - well bedded with bedding 50° to core axis - fissile cleavage - light brown to grey in colour - 1-2% quartz-carbonate veins	- minor to 1% very finely disseminated pyrite partially weathered to a rusty brown	2311	150.0	155.0	5.0	4.1			Nil	Nil			
				2312	155.0	160.0	5.0	5.0			Nil	Nil			
				2313	160.0	165.0	5.0	5.0			Tr	Nil			
				2314	165.0	170.0	5.0	4.1			Tr	Nil			
				2315	170.0	175.0	5.0	4.0			Nil	Nil			
				2316	175.0	180.0	5.0	4.0			Nil	Nil			
				2317	180.0	185.0	5.0	5.0			Nil	Nil			
				2318	185.0	190.0	5.0	3.7			Nil	Nil			
				2319	190.0	195.0	5.0	4.5			Nil	Nil			
221.8	227.6	MAFIC TUFF - dark green in colour - poorly bedded	- trace amounts of pyrite	2320	195.0	200.0	5.0	5.0			Tr	Nil			

* W/H - Warnock Hensey. Swas. - Swastika Labs.. B-W - Bell-White Labs.



NAHANNI MINES L

Drill Hole Locations

Miller Showing

Pickerel Twp.

Patricia Mining Division

Feb., 1983

Scale: 1" = 400'

WEM



52F16NE8391 2.5407 PICKEREL

030

6195



SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO P0K 1T0 TELEPHONE: (705) 642-3244

SOLD TO

Nahanni Mines Limited
General Delivery
Sioux Lookout, Ontario
POY 210

Att'n: Mr. W. MacRae

S
N
I
P
T
O

DATE	QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
Aug. 20/82			Net 30 days	
	107	Au Assays PPB	\$ 0.00	\$ 856.00
	107	Sample Handling Cert. No. 53708 Aug. 3/82	2.75	294.25
	100	Au Assays PPB	8.00	800.00
	100	Sample Handling Cert. No. 53705 Aug.	2.75	275.00
				\$ 2225.25
	8	Au Assays PPB	8.00	64.00
	8	Sample Handling Cert. No. 53791 Aug. 17/82	2.75	22.00
				\$ 2311.25

Resample Qty to property core

SWASTIKA LABORATORIES LTD.

OCT 21/82

WITH THANKS

TOTAL ~~212~~ \$ 2311.25

MOORE BUSINESS FORMS

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS

FACTURE / INVOICE

ESTABLISHED 1928





6195

SWASTIKA LABORATORIES LIMITED

P.O. BOX 10, SWASTIKA, ONTARIO POK 1T0 TELEPHONE: (705) 642-3244

SOLD TO

Nahanni Mines Limited
General Delivery
Sioux Lookout, Ontario
POV 210

Att'n: Mr. W. MacRae

ON 9-28

Aug. 20/82

QUANTITY	DESCRIPTION	Net 30 days	
		UNIT PRICE	AMOUNT
107	Au Assays PPB	\$ 8.00	\$ 856.00
107	Sample handling Cert. No. 53708 Aug. 3/82	2.75	294.25
100	Au Assays PPB	8.00	800.00
100	Sample handling Cert. No. 53785 Aug.	2.75	275.00
<i>Resample Quya property core</i>			
\$ 2225.25			
8	Au Assays PPB	8.00	64.00
8	Sample handling Cert. No. 91 Aug. 17/82	2.75	22.00

SWASTIKA LABORATORIES LTD

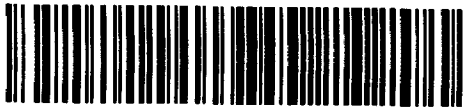
PAID
OCT 21/82

TOTAL ~~2125.25~~ WITH THANKS \$ 2311.25

ANALYTICAL CHEMISTS • ASSAYERS • CONSULTANTS
ESTABLISHED 1928

FACTURE INVOICE

Certified correct *W. MacRae*



52F16NE8391 2.5407 PICKEREL

900

F.W.M.

Jan 16/31-83

Report of Work (Geophysical, Geological, Geochemical and Expenditures)

32-128

2.5407

Instructions: - Please type or print - If number of mining claims traversed exceeds space on this form, attach a list. Note: - Only days credits calculated in the "Expenditures" section may be entered in the "Expend. Days Cr." columns. - Do not use shaded areas below.

Mining Lands

The Mining Act

Type of Survey(s) Expenditures Township or Area M-2258 Kabik Lake and Pickerel Twp
 Claim Holder(s) Nahanni Mines Ltd. Prospector's Licence No. T-951
 Survey Company Swastika Laboratories Ltd Survey Dates (linecutting to office) _____ Total Miles of line Cut _____
 Name and Address of Author (of Geo-Technical report) W. MacRae, P.O. Box 417, Timmins, Ont P4N 7E3

Special Provisions Credits Requested

Instructions	Geophysical	Days per Claim
For first survey: Enter 40 days. (This includes line cutting)	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
For each additional survey using the same grid: Enter 20 days (for each)	- Other	
	Geological	
	Geochemical	

Mining Claims Traversed (List in numerical sequence)

Prefix	Mining Claim Number	Expend. Days Cr.	Prefix	Mining Claim Number	Expend. Days Cr.
Pa	489910	20			
	489911	20			
	489912	20			
	489915	20			
	489916	20			
	4000	20			
	489919	20			
	489920	8			

RECEIVED NOV 17 1982 MINING LANDS SECTION

PATRICIA MINING DIV. RECEIVED NOV 17 1982 A.M. 7:29 P.M. 11:23

Man Days

Instructions	Geophysical	Days per Claim
Complete reverse side and enter total(s) here	- Electromagnetic	
	- Magnetometer	
	- Radiometric	
	- Other	
	Geological	
	Geochemical	

Airborne Credits

Note: Special provisions credits do not apply to Airborne Surveys.	Geophysical	Days per Claim
	- Electromagnetic	
	- Magnetometer	
	- Radiometric	

Expenditures (excludes power stripping)

Type of Work Performed Assaying Sect. 47-19
 Performed on Claim(s) Pa-489913, 489914, 533046, 533047 and 533053
 Calculation of Expenditure Days Credits
 Total Expenditures \$ 22,25.25 + 15 = 148 Total Days Credits

Instructions: Total Days Credits may be apportioned at the claim holder's choice. Enter number of days credits per claim selected in columns at right.

Pa. 489910 Total number of mining claims covered by this report of work. 8

For Office Use Only
 Total Days Cr. Recorded 148 Date Recorded Nov. 17, 1982 Mining Record [Signature]
 Date Approved as Recorded July 25/83 [Signature]

Report Completed
 Date of Report 12/11/82 Recorded Holder or Agent (Signature) [Signature]

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 W. MacRae, P.O. Box 417, Timmins, Ont P4N 7E3
 Date Certified 12/11/82 Certified by (Signature) [Signature]



Ministry of
Natural
Resources

Geotechnical
Report
Approval

File **2.5407**

May 24/83

Mining Lands Comments

To: Geophysics

Comments

Approved

Wish to see again with corrections

Date

Signature

To: Geology - Expenditures

Mr. Kustra.

Comments

Approved

Wish to see again with corrections

Date

June 15/83

Signature

Kustra

To: Geochemistry

Comments

Approved

Wish to see again with corrections

Date

Signature

To: Mining Lands Section, Room 6462, Whitney Block.

(Tel: 5-1380)

Nahanni Mines Ltd.
P.O. Box 417
Timmins, Ont. P4N 7E3
Nov. 12, 1982

Fred Matthews
Lands Administration Branch
Mining Lands Section
Ministry of Natural Resources
Room 1617, Whitney Block
Queens Park
Toronto, Ontario M7A 1W3

Dear Mr. Matthews,

Enclosed are the required receipts for
expenditures under section 77 of the Mining Act.
The report of work requesting 148 days assessment
credits has been forwarded to Gary Leckert
for recording.

Yours truly
W MacRae
W MacRae
Nahanni Mines Ltd.

1983 02 08

W. MacRae
P.O. Box 417
Timmins, Ontario
P4N 7E3

Dear Sir:

Enclosed is a copy of a report of work for Assaying that was recorded by the recorder on November 17, 1982 on Mining Claims Pa 489910 et al in the Area of Kabik Lake and Pickeral Township.

We have no record that you provided the full reports and maps to the Minister within the sixty day period provided by Section 77 of the Mining Act.

Unless you can provide evidence that the reports and maps were submitted as required by February 21, 1983 the mining recorder will be directed to cancel the work credits recorded on November 17, 1982.

Yours very truly,

E.F. Anderson
Director
Laid Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1380

Diane Wice:sc

cc: Mining Recorder
Sioux Lookout, Ontario

RECEIVED	
Land Management Branch	
CIRCULATE <input type="checkbox"/>	<input type="checkbox"/>
COMMENTS PLEASE BY <input type="checkbox"/>	<input type="checkbox"/>
FEB 14 1983	
E. F. ANDERSON	
J. R. MORTON	
J. C. SMITH	
G. SHERMAN	

Nahanni Mine Ltd.
P.O. Box 417
Timmins, Ont. P4N 7E3
February 11, 1983

Diane Wice
Whitney Bloch
Room 6450
Queens Park
Toronto, Ont. M7A-1W3

Dear Ms. Wice,

I am forwarding a copy of a covering letter as well as appropriate invoice and report of work requested in our phone conversation of February 10, 1983. This information was sent to the office of Fred Matthews on November 12, 1982 but apparently never arrived. I hope this will be satisfactory, if not I will do what I can to clarify the situation.

Yours Truly
W. MacFar
W. MacFar

1983 02 18

Mr. W. MacRae
P.O. Box 417
Timmins, Ontario
P4N 7E3

Dear Sir:

Thank you for your letter of February 11, 1983, however, it is apparent that you are not familiar with what is required when requesting assessment work credits for assay costs.

Please provide in duplicate, the certificates of analysis from Swastika Laboratories Limited plus a detailed map showing the locations from which the samples were taken. The map should indicate a sample number to correspond with the numbers shown on the certificates plus bearings and distances to the nearest claim posts. The maps should be drawn in ink and be clearly legible.

Yours very truly,

E.F. Anderson
Director
Land Management Branch

Whitney Block, Room 6450
Queen's Park
Toronto, Ontario
M7A 1W3
Phone: 416/965-1380

F.W. Matthews:sc

25078

Northern Mines Ltd.
P.O. Box 417
Timmins, Ont P4W 7E3
24 February, 1983

F.W. Matthews
Land Management Branch
Whitney Block, Room 645D
Queens Park
Toronto, Ont.

Dear Mr. Matthews,

Enclosed is the requested information in regard to a request for assessment work credit for assay costs for Our Picket Township property, Patricia Mining Division.

I am sorry that the information forwarded to you was inadequate but I was following instructions obtained from the Mining Records Office in Timmins. I hope the enclosed information is adequate.

Yours Truly

W. MacRae

W. MacRae
Geologist.

RECEIVED

FEB 28 1983

MINING LANDS SECTION