

42A04NW0020 63.4660 SEWELL

010

63.4660  
OM84-190

ADH 8457-1

SAMPLE NO.	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		GR AU	AU CK
4601	80.5	84.5	4.0	5% gtz-cal. speck pyr	TR	
02	119.5	124.5	5.0	5% gtz-cal. " "	.034	
03		129.5	5.0	5% " " " "	TR	
04	156.0	160.5	4.0	3% gtz-cal. > 1% pyrite	TR	
05	227.4	232.4	5.0	5% gtz-cal. white and pink. Spkr pyr.	TR	
06		237.4	5.0	3% white gtz-cal. " "	TR	
07		241.0	4.6	3% " " " 1% grey gtz-cal. Spkr pyr	TR	
08		242.1	1.1	Quartz Ven. 80% grey gtz. Minor chl.	.058	
09		245.5	4.4	10% grey silic'n. 2% pyr. 1% brownish gtz	.034	
10	256.2	257.7	1.5	30% grey gtz-cal. speck pyr	TR	
4611	303.0	304.0	1.0	15% pink and white gtz-cal.	TR	

# DIAMOND DRILL RECORD

NAME OF PROPERTY Stovimin Exploration - Noranda Option  
 HOLE NO. 84ST-1 LENGTH 370'  
 LOCATION Sewell Tp. Porcupine Mining Division, Ontario  
 LATITUDE 2+00N DEPARTURE 3+00W  
 ELEVATION Surface AZIMUTH 155° DIP -45°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200'	45°15'				
369'	46°30'				

84ST-1  
 HOLE NO. \_\_\_\_\_ SHEET NO. 1  
 REMARKS \_\_\_\_\_  
 LOGGED BY C. F. Desson

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	30.0	CASING										
30.0	34.2	BASIC VOLCANIC: fine grained, dark green, chloritic. Minor dioritic bands. Few thin quartz seams at 32.2, 32.8, 33.1, 31.6-32.1: Feldspar Porphyry Dikelet.										
34.2	58.4	DIORITE: med. to coarse grained. Slight pinkish cast to fld. Minor local sections basic vol. up to 6". Few irregular blebs and seams gtz-carb up to 3/4".										
58.4	75.6	DIORITE VOLCANIC <sup>DIORITE MIXTURE:</sup> med. green, alt'd slightly silicified. 20% diorite in local sections up to 1-3'. Minor epidote alteration. Diorite dikes at 62.9-63.7; 65.0-66.3; 71.3-72.4; 72.6-75.6. Minor hematite on fracture planes.										
75.6	78.9	DIORITE VOLCANIC: eq alt'd, silicified, faintly banded. Minor epidote.										
78.9	86.5	DIORITE VOLCANIC: local silicified areas and minor epidote and carb. seams. 80.0-83.4: carbonaceous seams increasing to 5%.										
86.5	95.5	DIORITE: grad. from basic. Med. grained, pink cast to feldspar										
95.5	96.9	BASIC VOLCANIC: fine grained, chloritic. Minor gtz-carb in fractures										
96.9	114.5	DIORITE-DIORITIC VOLCANIC MIX: fine to med. grained, blotchy appearance. Feldspar saussuritized. Minor white and pinkish carbonaceous seams at start. At 98.3 and 98.6: small syeno-diorite dikelets at 30° to core axis										

# DIAMOND DRILL RECORD

NAME OF PROPERTY Storim - Nalanda Option  
 HOLE NO. 845T-1 SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
114.5	119.4	DIORITIC VOLCANIC: minor white carbonat in short fractures									
119.4	129.4	DIORITIC VOLCANIC: fine grained, dark green, chlorite. 5% white carbonat in short fractures. Abund. fine seams epidote At 124.5: 1" grey quartz - pink carbonat mix.									
129.4	137.6	DIORITE - DIORITIC VOLCANIC MIX. Diorite is grey green with scant fine pyrite and magnetite.									
137.6	153.6	BASIC LAVA: fine grained, med. green, chlorite. Few seams white carb									
153.6	160.5	DIORITIC VOLCANIC: grey-green, med. grained. Local chlorite areas. At 157.5: 3/4" grey grt-carb. 10% pyrite, minor chlorite, for 0.9' at 5% to core axis 152.2-153.7: Basic vol. 2% white grt-carb. in short fractures									
160.5	164.8	BASIC VOLCANIC: fine grained, med. green, chlorite. 3% white grt-carb in short fractures									
164.8	172.3	OLIVINE DIABASE: grey-green, med. grained massive. Faint pink fl. at end. Few thin seams grt-carb and epidote									
172.3	187.4	HORNBLende LAMPROPHYRE: dark grey, fine grained, massive. Chilled at footwall contact. Few specks pyrite. Few thin seams carb. CA at HW 90' At FN 85°									
187.4	198.1	DIORITE: med. grained, pale grey-green, massive. Minor epidote seams. Minor coarse pyrite at footwall (FW) contact									
198.1	203.9	BASIC VOLCANIC: fine grained, dark green. Minor white grt-carb. At 201.3: 2" of 80% grt with pyrite and chlorite									
203.9	214.1	DIORITIC VOLCANIC - DIORITE MIX., med. grained, med. green. Few thin aplite dikes up to 1"									
214.1	221.3	BASIC VOLCANIC: fine grained, dark green, chlorite. Mod. fractured. Minor irreg. white grt-carb patches and fractures. 3 x 1/4" pink aplite seams Fine disseminated magnetite and pyrite									

# DIAMOND DRILL RECORD

NAME OF PROPERTY Storimim - Noranda Option  
 HOLE NO. 845T-1 SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
227.1	227.1	DIORITE VOLCANIC-DIORITE MIX: Minor white gtz-carb.									
227.1	246.2	BASIC VOLCANIC: fine grained, chlorite. Fine leucotene. 3% gtz carb. in fractures. At 227.4: 6" with 10'li white gtz-carb. 5% <sup>coarse</sup> pyrite 227.4-232.4: 5% white and pink carb. in seams and fractures 232.4-237.4: 3% white carb. in short fractures 237.4-241.0: 3% " " plus 1% grey gtz-carb. Cr. pyr on HW 241.0-242.1: 80% grey quartz. Minor chlorite. 3% pyrite 242.1-245.5: 10% grey silification. 2% pyrite. 1" brownish quartz Minor gtz-carb. seams. Thin streaks and blebs pyrite									
246.2	253.0	DIORITE: med. grained, dark grey-green. Abund. epidote alteration Local fine grained areas with 1/4" and 1" aplite. 251.3-251.7 and 251.8-252.5: Reddish aplite dikes									
253.0	303.0	DIORITE-DIORITIC VOLCANIC MIX: greyish-green, med. to coarse grained, Abundant epidote alteration in patchy areas and as irregular areas and thin fractures. 254.1-255.1: Reddish Aplite. At 256.2: 1" aplite 256.2-257.7: 30% grey gtz-calcite mix. Specks pyrite 257.0-257.7: Basic volcanic inclusion									
303.0	311.6	ULTRAMAFIC VOLCANIC: fine grained, dark grey. Greyish diorite at start. Slightly felsic plus chlorite.									
311.6	370.0	DIORITE-DIORITIC VOLCANIC MIX: as at 253. Greyish cast. Minor epidote in fine grained sections Two seams pink aplite at 336 and 352.7 At 341: 1/2" grey gtz. 370 END OF HOLE: CASING PULLED									

LANGRIDGES - TORONTO - 366-1188

# SAMPLES RECORD

## D.D.H. 84ST-2

SAMPLE NO.	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		GR AU	AU CK
4612	88.0	90.0	2.0	Scant gtz. cal and epid. 5 spec. pyr	TR	
13		95.0	5.0	5% gtz. cal. Scant <sup>diss'd</sup> pyr	TR	
14		100.0	5.0	5% gtz. cal. <1% diss'd pyr	TR	
15		105.0	5.0	5% gtz. cal	.020	
16		110.0	5.0	fill in sample	.024	
17		113.0	3.0	character shear	TR	
18		115.8	2.8	character fill in shear	.010	
19		117.6	1.8	90% white gtz. <1% cp <sup>scant chlorite</sup> in blebs & fracts.	TR	
20	141.5	144.6	3.1	3% gtz. cal. spec. pyr.	.012	
21	211.5	214.6	3.1	QUARTZ VEIN: 95% white gtz. 1% cp. 4% pyr	.046	
22		217.0	2.4	20% white and grey gtz. cal. 6% pyr.	TR	
23		222.4	5.4	50% grey and white gtz. cal. 6% chlorite 4% pyr	.324	
24		224.5	2.1	siliceous. Scant pyr.	.006	
25	326.0	326.7	0.7	Aplite vein	.052	
4626	341.3	342.0	0.7	20% gtz. cal. 60% aplite	TR	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPLORATION-NORANDA OPTION  
 HOLE NO. 84 ST-2 LENGTH 364'  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 1750N DEPARTURE 0+50W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -60°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	59°30'				
364	56°45'				

HOLE NO. 84ST-2 SHEET NO. 1  
 REMARKS \_\_\_\_\_  
 LOGGED BY C.F. Desson

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	22.0	CASING									
22.0	23.0	DIORITE: fine grained, grey-green, massive. Scant magnetite									
23.0	28.6	BASTARD LAMPROPHYRE: fine grained, slight pinkish cast. Scant gtz-calc. in thin seams and blebs.									
28.6	36.3	DIORITIC DIKE: fine grained, grey-green, slightly magnetic. At 28.6: 4" chlorite w/ fine leucokere plus 4% gtz-calcite.									
36.3	38.8	BASIC VOLCANIC: fine grained, med. green, chloritic. 5% white gtz-calc. in fractures and blebs									
38.8	49.5	DIORITE: gradational from above, fine to med. grained. One bleb aplite and gtz-calc. Minor epidote alteration in irregular patches and in fractures with red hematite									
49.5	52.5	BASIC VOLCANIC: as at 36.3. 4% white gtz-calcite mix									
52.5	88.0	DIORITIC VOLCANIC-DIORITE MIX: fine to med. grained. Minor epidote alteration increasing heavily from 60 on with coarser sections of diorite. Weakly magnetic. 56.7-59.1 DIABASE DIKE: with ore diorite inclusion. Fine grained, dark grey. Abundant disseminated magnetite. Minor hematite in fractures									
88.0	104.9	TUFFACEOUS SHEAR ZONE: chloritic. Silicified. 10% grey-white silicification plus pink and white gtz-calc. stringers up to 1". Minor epidote alteration									

# DIAMOND DRILL RECORD

NAME OF PROPERTY Starimmi Expl. - Noranda Ortno  
 HOLE NO. 84 ST-2 SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL					
88.0	104.9	Continued 88.0-90.0: scant gtz-cal. plus epid. Specks pyrite 90.0-95.0: 5% gtz-cal. Scant pyrite 95.0-100.0: 5% " " " " " " 100.0-105.0: 5% " " " " " "									
104.9	149.2	DIORITE: med. to coarse grained. Feld. saussuritized greenish. 142.0-147: 20% pink and white feld. mix. in irregular patches 114.5-118.5: sheared CA 70°-90° Minor gtz-cal 115.9-116.3: white gtz-cal. mix. Specks pyrite 116.3-117.6: white quartz. <1% cpy in blebs and fracts. Scant chl. 141.5-144.6: 1" pinkish calcite. 3% gtz-cal. stringers and blebs									
149.2	173.6	SYENO-DIORITE: impure. Coarse pink and white feld. mix. irregular patches highly feldspathic. 158.4-173.6: grades to irregular patches white feld.									
173.6	175.5	DIORITE: amphibole rich. Med to coarse grained									
175.5	177.5	DIORITE DIKE: fine grained, dark green. Coarse blebs white feld. CA at HW 15° irreg. At FN 50°									
177.5	195.7	SYENO DIORITE as at 149.2. 40% coarse patches white feld. with local pink areas									
195.7	199.0	SYENO-DIORITE: grad. from above. Pinkish at 149.2									
199.0	229.3	DIORITIC VOLCANIC: fine grained, grey-green mass. Few small quartz and gtz-cal. seams At 203.5-204.6: long thin streaks somewhat resembling spinax texture 0 to 10° to core axis. 211.6-214.6: 95% white quartz. 1% cpy, <1% pyr, minor chl. 214.1-214.6: grey and white gtz. mix. 5% pyr. Scant chlorite									

LANGRIDGES - TORONTO - 366-1188

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EXPLORATION - NORANDA OPTION

HOLE NO. 845T-2

SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
199.0	229.3	Continued 214.6-217.0: 20% white and grey gtz. stringers up to 1". 6% pyr. 217.0-218.4: 60% grey gtz and grey-white gtz. 10% pyrite 218.4-220.9: 1% gtz. str. (stringers) 220.9-222.4: 80% white gtz. and grey gtz. 5% pyr. 20% chl. 222.4-224.5: sheared, crenulated tuft?. Scant fine pyr.									
229.3	243.4	DIABASE: pale grey-green, mass. equigranular. Fine grained walls, coarser center.									
243.1	264.6	SYENO-DIOR. - AMPHIBOLITE MIX: - grades to normal coarse diorite at end. 60% syeno-dior. 40% amphib. At 251.8: irreg. blebs reddish aplite									
264.6	270.0	DIORITIC VOLCANIC: fine grained, dark green, mass. Abundant thin fractures with leucot or greyish epidote.									
270.0	273.0	DIORITE: as at 264.6.									
273.0	275.0	QUARTZ SYENITE DIKE: med. grained, grey-green with pink fld. 25% amphibolite. Specks pyrite.									
275.0	278.3	APLITIC DIKE: gradational from above. Fine disseminated chlorite.									
278.3	279.5	FELD. PORPHYRY: med. grey. 3% gtz. in short blebs.									
279.5	280.9	APLITIC DIKE: as at 275.									
280.9	282.2	FELD. PORPHYRY: as at 278.3. Minor pink fld. in fractures									
282.2	283.8	APLITIC DIKE: as at 279.5. 1/2" grey gtz at FW. CA 45°									
283.8	364.0	DIORITE: coarse grained massive. Pink cast of 5' ash. 80% white fld. 20% hornblende. Minor epidote alteration At 283.8: 1/2" grey gtz. 287.5-287.9: syenitic 287.9-288.1: pink aplite									

LANGRIDGES - TORONTO - 366-1168



# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPL. - NORANDA OPTION

HOLE NO. 84ST-2

SHEET NO. 4

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
283.4	364.0	<p>Continued.</p> <p>At 289.0: 2" grey and grey-white gtz. mix.</p> <p>300.2-300.8: aplite diact</p> <p>321.0 on: epidote increasing in patchy areas</p> <p>326.0-326.7: aplite</p> <p>341.3-342.3: 2" white gtz. 1/2" epidote plus 2 x 2" aplite; 2" syenite; 1/2" syenite mix.</p> <p>At 352.6: 3" basic vol. xenolith</p> <p>364.0 End of Hole.</p> <p>Casing Pulled.</p>									

SAMPLES RECORD  
D D H. 84ST-3

SAMPLE NO	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		OFF IN	AU CK
4640	101.3	104.5	3.2	1% gr-cal. 1/2% py	.01	
41	104.5	109.5	5.0	3% " 1/2% "	TR	
42	109.5	114.5	5.0	3% " 1/2% "	TR	
4643	114.5	119.5	5.0	5% " specks py	.01	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EXPLORATION - NORANDA OPTION  
 HOLE NO. 84ST-3 LENGTH 220'  
 LOCATION Sewell Tp. P.M.D. Ontario  
 LATITUDE 1409N DEPARTURE 278E  
 ELEVATION \_\_\_\_\_ AZIMUTH 125° DIP -60°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
220	60°00'				

HOLE NO. 84ST-3 SHEET NO. 1  
 REMARKS \_\_\_\_\_  
 LOGGED BY C. F. Desson

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	24.0	CASING									
24.0	24.6	GRANITE: gtz - pink feld. mix. Minor mafics									
24.6	61.5	DIORITE: med. grained. Highly amphibolitized. At 61.2: 1" gtz - cal. mixture. White and pinkish.									
61.5	69.7	DIORITIC VOLCANIC: fine grained. Local irreg. bands. dis'd feld and pinkish quartz stringers 65.5-66.2: 3" pinkish aplite dikes. 4" pinkish gtz. seams and feld. bands.									
69.7	79.1	DIORITE: med. grained. Local seams pinkish quartz (impure) 75.8-77.0: pink granite, med. to coarse grained. Minor epidote									
79.1	85.8	DIORITE: as at 24.6									
85.8	99.1	DIORITIC VOLCANIC: fine grained, grey-green, mass. Scant thin short fractures gtz. calcite. Last 12" sheared.									
99.1	114.5	SYENO-DIORITE: coarse grained, pinkish cast. 50% pink feld, 50% amphib. Few seams white gtz-cal. upto 1/2". 101.3-104.5: 1% gtz-cal. 1/2" bleb. pyr. 104.5-114.5: 3% " " "									
114.5	120.6	BASIC VOLCANIC, fine grained, dark green, chlorite. 5% gtz-cal. in thin seams and short fractures. At 120.3: 2" pink aplite									
120.6	163.5	SYENO-DIORITE: as at 99.1. Scant pinkish gtz-cal. in irregular patches and fractures. Local minor epidote at start At 128.7: 4" xenolithic lampr. or volcanic.									

# DIAMOND DRILL RECORD

NAME OF PROPERTY Sturmin - No. 10000 Option

HOLE NO. 84ST-3

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPH. IDES	FOOTAGE		%	%	OZ./TON	OZ./TON
					FROM	TO				
120.6	163.5	Continued 140.0 - 163.5: abundant epidote alteration								
163.5	181.6	DIORITE: med. grained, Minor pinkish cast to feldspar. Minor epidote in local areas At 171.5: 1" reddish aplite at 40° to CA At 176.5: 1" " " " 15° to CA								
181.6	201.9	SYENO-DIORITE: as at 120.6. Local areas with diorite mix.								
201.9	220.0	DIORITE. med grained. Horn. all to chlorite in part.  At 217.2: 2" xenolite basic volcanic.  220 END OF HOLE CASING PULLED								

# SAMPLES RECORD

## D.D.H. 84ST-4

SAMPLE NO.	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		GR	CK
4627	46.0	47.6	1.6	5% grtz-cal. Specks pyr	TR	
28	57.0	63.3	6.3	3% " "	TR	
29		64.7	1.4	40% grtz - 60% pink cal. mix	.02	
30		68.2	3.5	QUARTZ VEIN. White. 2% chl. Specks opy	TR	
31		70.0	1.8	Barren fill in	TR	
32		73.2	3.2	8% white grtz-cal.	TR	
33	90.0	94.2	4.2	20% white and pink grtz-cal. Scant pyr	.02	
34		95.2	1.0	90% " " " " Abund chlorit.	.02	
35		97.1	1.9	10% " " " " "	.02	
36	117.4	119.3	1.9	Syenite Dike	.01	
37	191.6	194.3	2.7	" " Scant grtz	.02	
38	203.0	204.3	1.3	5% grey-white grtz-cal. Scant pyr	TR	
4639	212.7	214.4	1.7	10% " " " " "	.01	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EXPL. - NORANDA OPTION  
 HOLE NO. 84ST-4 LENGTH 241.5'  
 LOCATION SEWELL TP. P.M.D. of Ontario  
 LATITUDE 0+52N DEPARTURE 21+21E  
 ELEVATION \_\_\_\_\_ AZIMUTH 125° DIP -60°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
241	57'30"				

HOLE NO. 84ST-4 SHEET NO. 1  
 REMARKS \_\_\_\_\_  
 LOGGED BY C F DESSON

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
0	10.0	CASING									
10.0	11.4	FELSIC DIKE: finely feldspathic, pale grey, siliceous. Minor chlorite									
11.4	44.0	AMPHIBOLITE: med. to dark green, coarse grained, massive. Light to mod. feldspathic at start, nearly magnetic.									
		OUT OF SEQUENCE 32.5-46.1: becomes greayer green with pale greyish feldspathic matrix with minor carbonat mix.									
		17.6-20.1: Reddish syenite dike. 2% whitish grey gtz-cal. in thin fractures.									
		At 28.3: 3" as above. 15% gtz. in fractures.									
		29.2-32.5: Greyish pink syenite dike. Minor pyr. on fracture planes. Irreg. fractures with amphibole.									
		* 34.6-35.2: Qtz-feld mix. Pinkish dikelet									
44.0	50.1	35.9-44.0: Aplite Dike, reddish. Minor gtz. in short. fractures									
		BASIC VOLCANIC: typical. 3% white gtz-cal. in irreg. fractures									
		46.1-47.6: Syenite Dikelet. Reddish cast. 5% gtz-cal. to 1/4"									
50.1	51.4	50.1-51.4: SYENITE DIKE: deep reddish, fine grained. Few feld. grains up to 2mm.									
51.4	53.8	51.4-53.8: FELDSPAR PORPHYRY: grey-green, med to coarse grained, mass.									
53.8	57.0	53.8-57.0: DIORITE: fine grained, grey-green, massive									
57.0	64.5	57.0-64.5: DIORITE: faint pinkish cast. 3% pink and white gtz-cal. mix in fracture up to 1/4". Minor chlorite									
		57.0-63.3: 3% white and pink gtz-cal.									

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN-NORANDA OPTION

HOLE NO. 84 ST-4

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL				
57.0	64.5	continued 63.2-63.6: 60% pink cal. 40% grey-white gtz-cal. mix. 64.0-64.5: 50% " 50% " " "								
64.5	73.4	BASIC VOLCANIC: typical fine grained, dark green, chloritic >3% white gtz-cal. stringers 64.7-68.2: Quartz Ven. White. 2% chlorite seams. 1% white fld. patches. Few specks chalcoppyrite. 3% gtz-gul mix at start. 70.0-73.2: 8% white gtz-cal. in irreg. fractures 68.1-69.4: Diorite Dike. coarse grained, med. grey cast								
73.4	82.3	DIORITE (VOLCANIC?) as at 57.0. i.e.								
82.3	85.0	BASIC VOLCANIC: typical (as at 64.5) 8% pink gtz-cal plus fld? in irreg. fractures								
85.0	89.1	DIORITE: as at 73.4.								
89.1	93.9	BASIC VOLCANIC: dark green chloritic. 20% pinkish fld. in irreg. patches, blebs and fractures. Minor pink calcite. 10% white gtz-cal-fld. mix 90.0-94.0: 20% white and pink gtz-cal. mix. Scant pyrite								
93.9	105.2	SYENO-DIORITE: coarse grained. All'd at start. Minor gtz-calcite. 94.0-94.3: whitish and pink gtz-cal. mix. 94.3-95.2: 90% gtz-cal. mix with abundant chlorite and <5% coarse pyrite 96.8-97.1: greenish gtz 10% chlorite								
105.2	117.4	LAMPROPHYRE: dark grey, fine grained, faint reddish cast. Scant gtz-cal. in thin short fract. Few specks pyr. plus skim pyrite on fracture planes								
117.4	119.0	SYENITE DIKE: fine grained, reddish. Coarse grained at HW contact CA at HW 55° At FW 50°								

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN - NORANDA OPTION

HOLE NO. 04ST-4

SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
119.0	122.1	BASIC VOLCANIC: typical									
122.1	142.3	DIORITE: greyish cast. Coarse grained, massive. Few specks pyrite and magnetite. 1/4" aplite at start. CA at HW 80° At FW 45°									
142.3	152.8	OLIVINE DIABASE: fine grained, grey-green, massive. At 143.9: 1/2" irreg. gtz. cal. streaks micaceous hematite. CA at FW 35°									
152.8	174.0	DIORITE: as at 122.1. Local faint pink kld. Minor epidote. At 166.7: 3" syenite dikelet. 167.5-168.3: gtz. syenite dike. Aplitic. fine grained, pinkish cast									
174.0	183.9	FELDSPAR PORPHYRY: med to coarse grained, massive. pinkish grey cast. CA at FW and HW 40°									
183.9	184.7	SYENITE DIKE as at 167.5. 1/4" gtz at HW. CA FW 40°									
184.7	186.6	DIORITE: as at 152.8									
186.6	187.9	FELD. PORPHYRY: fine grained, pink cast. CA at HW and FW 80°									
187.9	190.0	SYENITE DIKE: aplitic, reddish cast									
190.0	191.6	DIORITE: fine grained, med green, porphyritic									
191.6	194.3	SYENITE DIKE: as at 187.9. Scant gtz. blebs. At 194.1: 3/4" white gtz with ends physically ground off									
194.3	241.5	DIORITE: as at 152.8 199.4-199.7: aplitic dikelet 199.7-200.0: basic vol. xenolith? 200.0-200.5: amphibolite xenolith?									



# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX-NORANDA OPTION

HOLE NO. 895T-4

SHEET NO. 4

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
194.3	241.5	<p>Continued</p> <p>198.0-215.0: few gtz stringers and aplite seams up to 1" 1% gtz 3% aplite.</p> <p>203.0-204.3: 5% grey gtz. up to 1/2". Scant fine pyrite</p> <p>212.7-214.4: 10% " " " " 3/4" plus feld. mix. Scant pyr.</p> <p>223.2-239.4: Syeno-diorite area.</p> <p>226.0-227.2: Hornblende Lamprophyre. fine grained, dark grey-green. CA 4L HW 80° AF FW 70° irregular.</p> <p>At 227.2: 1/2" aplite</p> <p>At 229.0: 1" gtz-cal. bleb</p> <p>At 232.2: 2" with 25% gtz-feld mix</p> <p>At 239.0: 1/2" streak grey gtz-cal.</p> <p>241.5 END of HOLE CASING PULLED</p>									

# SAMPLES RECORD

## D.D.H. 84ST-5

SAMPLE NO.	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		GR AU	AG CK
4644	62.4	65.0	2.6	4% grey and white gtz-cal. Spex pyr	TR	
45		70.0	5.0	4% ditto	TR	
46		75.0	5.0	3% ditto	TR	
47		80.0	5.0	12% " 2% pyr	TR	
48		85.0	5.0	< 2% white gtz-cal Spex pyr	TR	
49		90.0	5.0	< 2% ditto ditto	TR	
50		95.0	5.0	< 2% ditto ditto	TR	
51		98.3	3.3	4% " ditto	TR	
52		102.0	3.7	6% ditto ditto	TR	
53	130.0	135.0	5.0	10% ditto ditto	TR	
54		140.0	5.0	6% ditto ditto	TR	
55		145.0	5.0	3% ditto ditto	TR	
56	150.0	155.0	5.0	3% ditto 20% epid. ditto	TR	
57		160.0	5.0	2% ditto ditto	TR	
4658	180.0	185.0	5.0	< 2% ditto ditto	.013	
59	297.5	298.5	1.0	5% ditto 1/2" pink gtz. ditto	TR	
60		303.3	4.7	5% " Minor epidok ditto	TR	
61		305.7	2.4	barren	TR	
62	308.6	313.4	4.8	15% white gtz-cal. plus chl. Spex pyr	TR	
63		317.5	4.1	6% " " < 1% coarse pyr.	TR	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMAN EXPL. - NORANDA OPTION  
 HOLE NO. 84ST-5 LENGTH 340'  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 3+00N DEPARTURE 0+50W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -45°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	43°30'				
340	43°30'				

HOLE NO. 84ST-5 SHEET NO. 1

REMARKS \_\_\_\_\_

LOGGED BY C. F. DESSON

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	40.0	CASING										
40.0	75.0	DIORITE: med. grained, grey-green, chloritic. Scattered opalescent blue quartz eyes. Scant leucoxene. Few grey gtz strcs. up to 1". Abundant aplite dikes at end. Sparse fine pyr. 40.0-62.0: badly shattered 65.4-73.4: 88% pink aplite, 7% diorite in breccia zone 5% grey gtz. cal. in strcs. and blebs up to 1"										
75.0	77.4	BRECCIA ZONE: aplite fragments in gritty gtz-chlorite cementing.										
77.4	98.3	ALTERATION ZONE: pink feldspathic, chloritic ground mass with minor fine leucoxene, diss'd pyrite and magnetite. 2% white gtz-cal. in short irreg. fractures. 77.4-78.0: greenstone grit. Probably recemented fault with gtz. chips and fine pyrite in chloritic ground mass										
98.3	127.2	DIORITIC VOLCANIC; fine grained, grey green, feldspathic. Possible flow banding. Abund epidote alteration. Red hematite on fracture planes. Few gtz. seams. At 113.7: 4" fault breccia. Qtz + Kf in chloritic cementing.										
127.2	140.6	BASIC VOLCANIC: typical. 10% white gtz-cal. in short irreg. fract. and in strcs. up to 1". CA at HW 35' irreg. AFW 15' irreg.										
140.6	181.5	DIORITIC VOLCANIC: as at 98.3. Epidote increasing. 150.9-154.5: Dioritic Vol - Basic Vol mix. Brecciated.										

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EX. - NORANDA OPTION

HOLE NO. \_\_\_\_\_ SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL					
140.6	181.5	Continued 3% gtz-cal. in fractures. 20% epidote (grey) and gtz mix. At 165.8: 1" white and pink feld. band									
181.5	190.6	BASIC VOLCANIC: typical. 2% gtz-calcite.									
190.6	193.8	ALTERATION ZONE: as at 77.4									
193.8	194.4	BASIC VOLCANIC: as at 181.5									
194.4	202.1	BASTARD QUARTZ LAMPROPHYRE: fine grained, siliceous, felsic at start. Pinkish cast. S cont. Anepyrite < 1% gtz cal. seams CA at HW 85° at FN 40'									
202.1	202.7	BASIC VOLCANIC: as at 181.5									
202.7	205.8	DIORITIC VOLCANIC: as at 98.3									
205.8	207.0	BASTARD LAMPROPHYRE: as at 202.1. 1/2" chlorite vol at start. CA at HW and FN 60'									
207.0	245.0	DIORITIC VOLCANIC: as at 98.3. Few irreg. feld. rich bands. 225.0-228.5: coarse grained 243.0-243.8: 50% epidote-gtz-cal mix. in irreg. streaks and bands.									
245.0	266.0	DIABASE: fine grained, equigranular. Specks pyrite. Weakly magnetic.									
266.0	272.2	BASIC VOLCANIC: typical. 2% gtz-cal. in thin irregular fractures. Minor epidote alteration At 268.0: 1" pink gtz-cal. mix.									
272.2	286.0	DIORITE: med. green, mass. Finer at FN contact area. Mod. feld. content NOTE: BOX 280-300 must have been dumped at drill site and put back in box all mixed up.									
286.0	308.3	ALTERATION ZONE: med. to pale grey to greenish grey, silicified and									

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX - HORANDA OPTION.

HOLE NO. 845T-5

SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ./TON	OZ./TON
				FROM	TO	TOTAL				
286.0	308.3	<p>cont'd chloritized. Epidote in thin fractures. 1/8" and 1/4" reddish grt. plus 1 1/2" white grt-calc-chl. mix. Few local feld. rich bands and clusters. 290.0-298.0: scattered chlorite "eyes". 294.5-295.5: lost core 305.7-308.6: Shear Zone. Pale green chlorite. 4" amphibolite CA 25° to 35°</p>								
308.3	317.5	BASIC VOLCANIC: typical. 5% greyish white grt-calc. in thin fractures and stringers up to 3".								
317.5	330.7	DIABASIC: fine grained, med. green at start grading to coarser grained. Mod. magnetic.								
330.7	340.0	<p>BASIC VOLCANIC - DIORITE MIXTURE: 2% white grt-calc. in fractures in the basic lava. Specks pyrite. Coarse feld- spathic patches in the diorite.</p> <p style="text-align: center;">340 END of HOLE Casing Pulled</p>								

SAMPLES RECORD  
D.D.H. 84ST-6

SAMPLE NO	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		ORF Au	94 CK
4664	80.0	82.9	2.9	15% pmx & white gtz-cal. <1% pyr	TR	
65		84.8	1.9	Barren	TR	
66		88.5	3.7	25% pmx & white gtz-cal. 2% pyr.	TR	
67	157.4	159.7	2.3	30% white gtz-cal.	TR	
68	215.5	216.5	1.0	10% " " + chl. Minor epidote	TR	
69	266.0	267.7	1.7	15% " " " "	TR	
4670	341.6	342.3	0.7	Brecc'd brownish, silic. <1% pyrite	.076	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMAN EXPL. - NORANDA OPTION  
 HOLE NO. 84ST-6 LENGTH 345'  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 45° 59' N DEPARTURE 3+20E  
 ELEVATION \_\_\_\_\_ AZIMUTH 110° DIP -45°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	43°30'				
340	42°00'				

HOLE NO. 84ST-6 SHEET NO. 1

REMARKS \_\_\_\_\_

LOGGED BY C.F. Desson

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	20.5	CASINE									
20.5	62.9	SYENO-DIORITE: coarse grained blotchy appearance. Local epidote with seams and patches. Few specks pyrite. Tiny mauve blotches (leucocene?). Narrow aplite dikes as follows: At 27'-1" at 40° to CA 37-38.2'-1" at 10° to CA At 41 and 42 1" and 2" xenoliths 47.5-49.0: 1" at 5° to CA									
62.9	68.5	QUARTZ PORPHYRY DIKE: med. grey, fine grained, pinkish hue.									
68.5	71.8	DIORITE: coarse grained									
71.8	72.4	QUARTZ PORPHYRY: fine grained, pinkish hue									
72.4	73.7	DIORITE: as at 68.5									
73.7	77.3	QUARTZ PORPHYRY as at 71.8. 2% gr-coal. in fractures plus chlorite alteration. CA at HW ground off. At FW 15°									
77.3	78.8	LAMPROPHYRE DIKE: fine grained, chloritic. Scant gr-coal seams. Local fine feld areas CA at HW 10° At FW 30°									
78.8	79.2	BASIC VOLCANIC: typical									
79.2	80.0	SYENO-DIORITE: typical									
80.0	88.5	BASIC VOLCANIC. Abund. (15%-20%) patches pink and white gr-coal. Minor syeno-dior-vol mix. >1% dissolved pyrite. 80.0-82.9: 15% pink and white gr-coal. <1% pyrite									

# DIAMOND DRILL RECORD

NAME OF PROPERTY Starvinn Expl. - Noranda Option  
 HOLE NO. 84 ST-6 SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ./TON	OZ./TON
				FROM	TO	TOTAL				
80.0	88.5	Continued 82.9-84.8: barren of gtz 84.8-88.5: 25% pink and white gtz-cal. 2% diss'd pyr								
88.5	129.7	DIORITE: coarse grained, typical. As at 20.5 91.0-95.0: Dioritic Dike, med. grained, porphyritic. Scant gtz seams with epidot. Mod. magnetic 97.0-98.4: Lamprophyre: fine grained, dark greyish, siliceous. Few thin seams gtz. Specks pyrite 112.0-117.5: Lamprophyre as above 120.1-120.9: local area 80% blotchy pink feld-gtz. mix 120.9-121.2: Granite Dikelet. Pink 121.2-129.7: becomes greyer-green. Minor pink hued feld.								
129.7	135.3	QUARTZ FELD. PORPHYRY 133.2-134.1: bastard hornblende lamp. Faintly feld. grey green. CA at HW 48'								
135.3	146.8	BASTARD LAMP. As at 133.2. Two 1/8" seams of gtz with horn. walls. Reddish tint of FW. CA 25' At 138.0: 2" epid. alteration in chilled contact area. 144.4-145.4: Basic Vol. Xenolith. Scant gtz-cal structures								
146.8	147.2	LAMP. - QFP mixture. CA FW 45'								
147.2	162.7	SYENO-DIORITE: as at start of hole Coarse grained. Few gtz-cal seams and fine hematite on fracture planes. 157.4-160.4: Basic Volcanic Xenolith > 25% gtz-cal. in chd. 159.2-159.7: pinkish gtz-cal. mix								
162.7	171.7									
171.7	174.7	QTZ. SYENITE DIKE (Aplitic) deep reddish, CA at HW 60' At FW 50'								

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# DIAMOND DRILL RECORD

NAME OF PROPERTY Storimex - Noranda Option  
 HOLE NO. 87ST-6 SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
174.7	185.1	DIORITIC VOLCANIC: fine grained, grey-green, massive. Few gr. seams. Nearly magnetic At 180.5: 3" gr. syenite dikelet as at 171.7.									
185.1	227.9	QUARTZ DIORITE: fine to med. grained, grey with pink feld. Local seams epidote and gr-feld mix. Minor F.P. dikelet. 201.2-205.0: Basic Volcanic. 2' white gr-cal. seams At 209.0: 5" Basic Volcanic xenolith 215.5-216.5: pink F.P. incl. 10' white Stebs white gr-cal. Minor epidote.									
227.9	323.5	SYENO-DIORITE as at 147.2. Local areas w/pink feld. plus saussuritized feld. Few grains grt. Local porphyritic areas common. 249.0-252.8: Qtz Feld Porphyry Dike. Pinkish, coarse grained irregular contacts 266.0-267.7: 15% pink & white gr-cal. in seams up to 1/2" Minor chl. in patches 270.2-271.0: Q.F.P. 271.0-272.1: alteration zone. grt and feld. mix in chloritic ground mass 309.4-313.2: blotchy areas, pink feld. in chlorite rich areas At 309.4: 1/2" greenish grt. parallel to core At 310.4: 1" blebs " " "									
323.5	341.6	SERPENTINIZED TALC-CARBONATE-CHLORITE SCHIST. Probable fault zone. Porous mudded at start. CA 0-5°									
341.6	342.3	BRECCIATED BROWNISH SILICIFICATION: <1% pyrite									
342.3	345.3	FELDSPAR PORPHYRY: brownish, fine grained. Last 15" badly broken. Hole abandoned - requires cementing. 345.3 END of Hole Coring Pulled									

DDH 84-ST-7

4671      22.5 - 24.3      0.8'      TH

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX - NORANDA OPTION  
 HOLE NO. 84 ST-7 LENGTH 109'  
 LOCATION Sewel Tp. P.M.D. of Ontario  
 LATITUDE Q+34S DEPARTURE 3+18E  
 ELEVATION \_\_\_\_\_ AZIMUTH 305° DIP -45°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 84 ST-7 SHEET NO. 1

REMARKS \_\_\_\_\_

LOGGED BY C.F. Desson

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	Au OZ/TON	OZ/TON
					FROM	TO				
0	2.0	CASING								
2.0	21.4	DIORITE: coarse grained, highly feldspathic. (Typical main mass diorite south of the quartz vein) 6.3-7.0: Quartz Feld Porphyry Dior. Fine grained 7.6-9.0: Aplite Dike. Pink 13.5-14.5: Ditto								
21.4	25.7	BASIC VOLCANIC - ALTERED DIORITE MIXTURE: Abundant grt-cal seams in the basic vol. 5% Qtz Cal in 0.8' basic volcanic	4671		23.5	24.3	0.8'			TR
25.7	34.4	DIORITE: as at 2.0 29.8-30.2: pink granitic dikelet with patch of feld. porph on the H.W. contact 30.2-30.6: Feld. Porphyry. CA at HW and FW 20° 32.8-33.2: whitish-pink aplite At 34.4, 3" aplite								
34.4	37.6	FELD. PORPHYRY - DIORITE - APLITE MIX. Pinkish grey 1/4" grt-cal at 35.1								
37.6	39.6	DIORITE - APLITE plus feld. porph. mix.								
39.6	58.0	DIORITE: Med. grained, grey, mass. Scant epidote Chilled HW contact								
58.0	67.7	APLITE DIKE: fine-med. grained. Pink								
67.7	69.3	SYENO-DIORITE: coarse grained.								

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EX. - NORANDA OPTION

HOLE NO. 845T-7

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ. TON
					FROM	TO	TOTAL				
69.3	75.3	BASTARD LAMPROPHYRE: Borderline Feld. Porphyry. fine grain, faintly dark brownish grey cast < 1% short thin fractures calcite. Few obscure feld. grains									
75.3	78.6	DIORITE: coarse grain as at start (similar-not exactly)									
78.6	94.8	OLIVINE DIABASE: fine grained, grey-green, massive. Fine grain chilled walls. C.A at HW 40', AF FW 30' irreg.									
94.8	108.6	SYENO DIORITE: faint pinkish feld.  108.6 End of Hole Casing Pulled									

SAMPLES RECORD  
D.D.H. 84ST-8

SAMPLE NO	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		02/1 H4	94 CK
4672	41.8	46.2	4.4	Min or grt-cal. 90% fld. porph. scant pyr	.028	
73	81.9	87.8	5.9	5% illite, grt-cal. Minor chlorite	TR	
74	116.3	121.3	5.0	15% grt-cal. + chl. Specus pyrite	.008	
75		126.3	5.0	2% ditto	.026	
76	155.0	156.6	1.6	25% grt-cal. <1% pyr. 2% aplite blebs	.040	
77	175.0	180.0	5.0	Minor aplite, carb and calcite. Scant pyr	TR	
78	183.1	188.1	5.0	2% grt-cal. Scant pyr.	TR	
79		190.0	1.9	2% ditto	TR	
80		192.8	2.8	10% aplite 5% magnetite	TR	
81		197.8	5.0	2% grt-cal.	TR	
82	211.0	216.0	5.0	2% grt-cal. <1% pyrite	TR	
83		221.0	5.0	2% ditto	TR	
84		223.9	2.9	2% ditto	TR	
85		225.5	1.6	6% grt + grt-cal. 1% pyrite Alf'n zone	.142	
86		229.3	3.8	20% ditto 2% pyr. " "	.054	
4687		231.4	2.1	40% Verm grt. + chl. 2% diss'd pyr.	.040	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX. - NORANDA OPTION  
 HOLE NO. 84ST-8 LENGTH 231.5  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 2+00N DEPARTURE 2+50W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -50°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
230	47°00'				

HOLE NO. 84ST-8 SHEET NO. ✓

REMARKS \_\_\_\_\_

LOGGED BY C. F. Desson

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
0	35.0	CASING									
35.0	41.8	DIORITE - DIORITIC VOLCANIC MIX. Typical At 41.8: 2" grey grt. col.									
41.8	46.0	FELDSPAR PORPHYRY: dark grey. Scant fine leucocr.? Few specks pyrite At 46.0: 3" white grt. col. plus chlorite									
46.0	47.7	DIORITE: fine to med. grained. Mod. feldspathic									
47.7	51.7	FELD. PORPHYRY: Dark grey. Scant grt. col. in thin fractures									
51.7	56.6	DIORITE: as at 46.0. Fine grained, greenish.									
56.6	62.3	DIORITIC VOLCANIC: 10% epidote alteration									
62.3	68.5	FELD PORPHYRY: faint brownish cast. Fine gr. to med. grained									
68.5	81.9	BASTARD HORNBLENDE LAMPORPHYRE: brownish, siliceous 1% irreg. grt. col. seams and fractures									
81.9	87.8	BASIC VOLCANIC. Typical. 5% irreg. grey-white grt. col. plus minor chlorite									
87.8	109.3	DIORITE DIKE. Fine to med. gran, greyish green. Local minor epidote on lg grt. col. in fractures 100.0-100.3 and 100.8-101.9: volcanic xenoliths, scant pyrite At 105.5: 3" bastard lamprophyre. Specks pyrite									
109.3	113.0	BASTARD LAMPORPHYRE: badly broken. Fine grain, dark grey-green, slight brownish cast. Scant fine pyrite									

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPL. NORANDA OPTION

HOLE NO. 84 ST-8

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPH. IDES	FOOTAGE			%	%	OZ. TON	OZ. TON
				FROM	TO	TOTAL					
113.0	126.0	BASIC VOLCANIC: typical. Abundant gtz-cal. in seams and fractures. (>10%)									
126.0	156.6	DIORITE - as at 87.8. Gradational from above. Local areas dioritic volcanic and chloritic streaks. Few bands fld. rich. <1% gtz-cal. stringers plus epidote. At 155.0-155.8: fine grained chloritic. 155.8-156.6: 60% grey and white gtz. cal. plus pink carb. 2% aphte blebs. <1% pyrite.									
156.6	160.0	DIORITE DIKE: fine grained, pale greenish grey, equigranular. Carbonatized. Few thin seams gtz-cal. CA at FW 40'									
160.0	166.2	DIORITE: gradational from above. med. green, med. grained. Few seams gtz-cal. and epidote up to 2mm. Specks pyrite.									
166.2	168.4	BASTARD LAMPROPHYRE: as at 109.3. Dark grey aphanitic with coarser center. Scant fine py. Few fld. grains. CA at HW 80°									
168.4	177.7	DIORITE DIKE: med. grained, med. green. Coarser center. Small vol. ? undigested blebs? 2x5 mm. being replaced by chlorite and carb.									
177.7	180.5	BASTARD LAMP. As at 166.2. CA at FW 85° irreg.									
180.5	183.3	DIORITE DIKE: as at 156.6. Feld. has faint pinkish cast.									
183.3	200.0	BASIC VOL.-DIORITIC VOL. MIX: Fine grained, med. to dark green. Few bands fld. rich up to 3". Abundant thin seams and short fractures white gtz-cal. Scant fine pyrite. 190.0-192.8: Five irreg. seams reddish aphte and 5% magnetite in blebs up to 15mm. 196.0: 4" granitic dikelet.									
200.0	231.4	DIORITE-DIORITIC VOLCANIC MIX. Few scattered irregular seams epidote up to 5mm. Local epidote in thin fractures and irregular patches.									

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX. - NORANDA OPTION

HOLE NO. 8457-8

SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ TON	OZ. TON
					FROM	TO	TOTAL				
200.0	231.4	<p>Continued</p> <p>2% gte-cal. in irreg. seams. Minor local small patches plus diss'd pyrite.</p> <p>At 231.4: Burned bit. Hole abandoned. Unable to retrieve.</p> <p>231.4 End of Hole</p> <p>Casing pulled. 150'± rods etc left set in hole.</p>									



# SAMPLES RECORD

D.D.H. 84ST-8A

SAMPLE NO	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		ozt Au	g Ag
8A-1	52.3	53.7	1.4	8% white gtz-cal. 35% dixe	.178	
2	90.2	92.2	2.0	3% irreg. white and pink gtz-cal.	.002	
3		97.2	5.0	3% ditto	.006	
4		102.8	5.6	White gtz. Vern. <1% chl. Specu pyr + cp9	.052	
5	106.7	110.3	3.6	10% pinkish gtz cal <2% pyr	.040	
6	131.5	136.5	5.0	8% white and pink gtz-cal. >1% pyr	.036	
7		141.5	5.0	14% ditto >1% pyr	.001	
8		145.1	3.6	4% ditto >1% pyr	.008	
9	180.0	182.1	2.1	40% white gtz-cal. + grey gtz <1% pyr.	.052	
10	273.4	276.7	3.3	25% grey gtz + gtz-cal <1% pyr	.034	
11	281.2	284.7	3.5	Dtz Vern. 75% gtz + chl. >1% pyr. Grey silic'n.	.124	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EX - NORANDA OPTION  
 HOLE NO. 84ST-8A LENGTH 411  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 2+03N DEPARTURE 2+50W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -60°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	58°00'				
400	56°00'				

HOLE NO. 84ST-8A SHEET NO. 1

REMARKS \_\_\_\_\_

LOGGED BY C. F. Desson

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	41.0	CASING										
41.0	51.3	DIORITE: fine to med. grained. Minor epid. alteration of stail Few local small sections volcanic.										
51.3	57.9	DIORITE VOLCANIC: med. green, few bands fld. rich. Hornbl. type fine greenish fld. sprays. At 52.3: three 1/2" stringers pink and white calcite. 52.8-53.7: Pink altered dike. 10% white gtz-cal. in irreg. Fracts. Few specks cpy and pyr. 53.7-56.8: 80% diorite.										
57.9	72.4	FELDSPAR PORPHYRY: brownish cast with local reddish patches 1% grey gtz. cal. in irreg. seams to 1/2"										
72.4	88.2	DIORITE VOLCANIC: fine gran, greenish grey. Minor gtz-cal. fracts 72.7-74.0: 50% epidote alteration At 81.8: 3/8" grey and pink impure gtz. scant fine pyrite.										
88.2	112.5	BASIC VOLCANIC: typical. 5% white gtz-cal. in short fractures Minor diss'd pyrite. 97.2-102.8: white gtz. ven with slight pink cast. <1% green chlorite. Few specks pyr. and cpy 106.7-110.3: 10% pinkish gtz. <1% diss'd pyr.										
112.5	125.6	FELDSPAR PORPHYRY: Alt'l. Fine grained, pinkish cast. Pinkish fld. in green chlorite groundmass. Minor pink gtz-cal in irreg. Fracts.										
125.6	145.1	BASIC VOLCANIC: typical. >6% white and pink gtz-cal. in irregular Fracts. and stringers up to 3". Local streaks plus fine pyrite.										

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX. - NORANDA OPTION

HOLE NO. 845T-8A

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
125.6	145.1	Continued. At 133.8: 1" - 80% pink grt. cal.									
145.1	178.5	DIORITE - DIORITIC VOLCANIC MIX. 65% diorite. 2% grt and grt-cal. in seams and fract. to 1/8". Few irreg. dikelets pink aplite-grt mix At 158.7: 1 1/2" grey white and pink grt. cal. tourmaline mix. Scant pyr.									
178.5	186.0	DIORITIC VOLCANIC: med. grey-green. Abundant grt-cal. in irreg. fract. Fine disseid pyr. at start.									
186.0	202.5	DIABASE: Scant fine pyr. and magnetite grains.									
202.5	236.4	BASTARD LAMPAPHYRE: fine grain, reddish tint, syenite. Slightly keldspatue. Fine grained chilled walls. Scant grt-cal.									
236.4	238.7	CHLORITIC ALTERATION ZONE: 6" creamy grey silic'n and 30% grt. at HW side.									
238.7	270.0	DIORITE - DIORITIC VOL. MIX. Typical. 5% epidotization. Few epid-grt stringers. Local pitic sections. Several aplite dikelets up to 1/2" to 254.									
270.0	286.3	BASIC VOLCANIC: dioritic. Fine grain, med. green. 5% white grt-cal fract. to 276.7. Fine disseid pyr. 273.4 - 276.7: 25% grey grt-cal. < 1% pyrite 281.2 - 284.7: 75% ven grt, chlorite and silic'n. > 1% pyrite Two small patches mauvey carb. plus cpy up to 1/2" in the grt.									
286.3	344.2	DIORITIC VOL. - BASIC VOL. MIX. plus DIORITE: Dark green dioritic vol. at start. Dark green chlorite. Abundant kld. rich bands up to 3" with epidite alt'n. 2% grt-cal fract. w/species pyrite 295 on: becomes greyer, finer grained.									

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EX - NORANDA OPTN N

HOLE NO. 84 ST-8A SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ./TON	OZ./TON
					FROM	TO				
286.3	344.2	continue At 295.7: 1/2" slab cs. pyrite in grt. At 324.5: 1/2" grt-chl. At 325.0: 2" grt-chlorite. 336.8-338.0: pmx oplite At 338.3 - 339.1: three oplite dikes 1/2" to 1 1/2" 339.6-341.0: pmx oplite grt. Hematite stained. At 344.0: 3" pinkish grey F.P.								
344.2	411.0	DIORITE DIKE - DIORITE MIX. Feld. rich bands up to 3" interbedded with fine grained, grey, p'tic diorite. Few small bands basic vol. 382.2 on: becomes highly dioritic. 406.8 on: grades into fine to med. grained, grey massive diorite. 411 End of Hole Casings Pulled								

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EXPL. - NORANDA OPTION  
 HOLE NO. 84ST-9 LENGTH 210'  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 1+25N DEPARTURE 2+00W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -45°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	42°				

HOLE NO. 84ST-9 SHEET NO. 1  
 REMARKS \_\_\_\_\_

LOGGED BY C. F. DESSON

9

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	Fe <sup>2+</sup> OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
0	10.0	CASING									
10.0	21.5	DIORITE: fine to med. grain, grey, local small horn. rich areas.									
21.5	55.4	DIABASE: fine grained basaltic chilled walls with coarser center. Local minor epidote and scant grt-col. Magnetite									
55.4	76.0	DIORITE-BASIC VOL. MIX. Grey to green. Minor epid. incip. to end. 59.2-60.0: 90% greenish grt. Abund. chlorite.									
76.0	78.0	FELD. PORPHYRY: pink irreg. feld. in dark grey matrix.									
78.0	90.5	BASIC VOLCANIC: typical. Scant grt-col. in fractures. 78.0-81.6: sheaved. 1% grt blebs and seams plus scant diss'd pyr.	1390		78.0	81.6	3.6			.020	
90.5	104.8	BASTARD LAMPRE?: fine grain, med green, carbacterized, slightly porphyritic. Pink rounded grains in chlorite groundmass. Scant fine pyr. Few grt-col. fracts.									
104.8	106.7	BASIC VOL: as of 78.0.									
106.7	110.0	BASTARD LAMPRE: as of 90.5. C'ser grain.									
110.0	114.1	DIABASE: fine grain, grey-green, mass.									
114.1	121.4	BASIC VOL: typical. 5% grt col in fracts. and seams to 1/4" at 121.2: 2" pink and white grt-col plus chlorite									
121.4	141.0	BASTARD LAMPRE: as of 106.7. Fine grained chilled walls.									

# DIAMOND DRILL RECORD

NAME OF PROPERTY STARIMIN EX-NORANDA OPTION

HOLE NO. 84ST-9

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
141.0	156.9	ULTRAMAFIC: fine to med. grained, greenish to dark grey talcose. Famly magnetic.									
156.9	160.2	DIORITE: coarse grained with blotchy feld.									
160.2	170.0	ULTRAMAFIC: as at 141.0. Highly sheared, talcose at low angle to core axis. Probable Fault. 161.0-162.0: massive, grey. CA 5°-20°.									
170.0	195.8	DIORITE-DIORITIC VOL. MIX typical. At 181: 1/2" and 1" optik 170.0-171.4: alt'd and sheared. Rounded pmx feld and gtz-cal frags. 183.2-184.4: pmx optik along one side of the core At 187.2: 1" grey gtz-cal. at 20° to core axis At 188.4: 1" white gtz-cal plus chlorite for 4" along the core axis									
195.8	210.0	BASIC VOLCANIC: typical. 5% white gtz-cal. in irreg. frags. Local faint p'tic areas. Minor optik blebs to 3". 197.7-202.7: altered, p'tic w/abund. pmx feld. Chloritic. 10% gtz-cal. frags. At 204.5; 205.8; and 208.3: Reddish optik in irreg. blebs to 3".  210 End of Hole Casing pulled	195.1		197.7	202.7	5.0				

SAMPLES RECORD  
D.D.H. 845T-10

SAMPLE NO	FOOTAGES			DESCRIPTION	ASSAYS		
	FROM	TO	WIDTH		OR HU	AU CK	
4688	17.0	21.6	4.6	1% grt-cal seams	TR		
89		26.6	5.0	3% grt-cal seams <1% pyr. Minor aplite	TR		
90		31.6	5.0	3% grt-cal seams <1% pyr	TR		
91		36.0	4.4	5% ditto >3% pyr	TR		
92		41.0	5.0	8% ditto >2% pyr	.17		
93		46.5	5.5	5% ditto + greyish-mauve carb 2% pyr 2% aplite	TR		
94		51.5	5.0	2% white grt-cal	TR		
95		54.5	3.0	3% ditto <1% pyr	TR		
96		58.8	4.3	5% ditto Specus pyr	TR		
97	70.6	75.0	4.4	1% ditto	TR		
98		77.7	2.7	50% ditto 75.0-75.5 90% grt-cal 76.9-77.7 90% grt-cal	TR		
99		81.4	3.7	2% ditto	TR		
4700	99.0	100.2	1.2	shear zone 99.0-99.4 95% grt-cal 5% chl 60% grt-grt-cal 100.0-100.2 98% " 2% chl	TR		
8410-1	117.6	120.2	2.6	15% grt-cal Specus pyr	TR		
-2	124.7	125.4	0.7	35% pink cal-on side of core 1% pyr	1090		
3	139.3	141.6	2.3	15% white and pink grt-cal <1% pyr	1182		
4		143.9	2.3	2% white grt-cal	1054		
5		148.9	5.0	2% ditto	TR		

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX. NORANDA OPTION  
 HOLE NO. B4ST-10 LENGTH 278  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 1+00N DEPARTURE 1+50W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -60°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
250	5730				

HOLE NO. B4ST-10 SHEET NO. 1

REMARKS \_\_\_\_\_

LOGGED BY C. F. Desson

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
0	12.0	CASING								
12.0	17.0	DIORITIC VOLCANIC: fine grained, epidotized								
17.0	57.0	BASIC VOLCANIC: minor dioritic vol. mix. Local altered schistose, chloritic, carb't'z'd areas. Abundant white and greyish-mauve and pink grt-cal in stringers and irreg. fract. Local aplitic blebs. Fine disseminated pyrite up to 3% in local small patches 53.0-54.5: 80% pinkish aplite rose quartz plus chlorite and sericite.								
57.0	71.0	QUARTZ DIORITE DIKE: fine grain, med. green chlorite with pinkish grt. eyes and scant diss'd pyr. Few thin fract. grt-cal.								
71.0	77.7	BASIC VOLCANIC. Typical. Abund thin seams grt-cal. 75.0-75.5: 90% grey white and pink grt-cal. plus chlorite 76.9-77.7: 90% ditto								
77.7	81.4	FELD. PORPHYRY: pink feld in chlorite groundmass, 2% white grt-cal in seams and irreg. fractures								
81.4	99.0	DIORITIC DIKE: fine grain, grey green. 91.5-93.0: Basic vol. with 2% grt-cal in fract.								
99.0	102.0	SHEAR ZONE: grey green. irreg. patches greenish feld. 99.0-99.4: 95% grt cal. 5% chlorite. Spec. Pyrite. <u>vein</u> 100.0-100.2: 98% " 2% " " " <u>vein</u>								
102.0	103.0	BASIC VOLCANIC: Typical. 5% grt-cal in seams and fract. <1% diss'd pyrite.								



# DIAMOND DRILL RECORD

NAME OF PROPERTY STORHIN EX. - NORANDA OPTION

HOLE NO. 89 ST-10

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
103.0	117.6	DIORITIC DIKE: fine grain, med. green, massive. Few seams gtz-cal. plus epidote. CA at HW 60'									
		112.6-117.6: diorite grad to grey green with pinkish fld.									
117.6	123.5	DIORITE <sup>BASIC</sup> VOLCANIC MIX: Abund gtz-chl. Specks pyrite									
		117.6-117.9: gtz. vein w/ chlorite									
		At 119, 121, 123.5: broken areas with total of 2' lost core									
		118.6-120 and 122.8-123.5: Altered, fine grained, chloritic. 10% white and pink gtz-cal.									
123.5	139.3	LAMPROPHYRE: fine grained, brownish cast. Amphibole contacts. Slightly feldspathic.									
		124.6-125.4: 35% pinkish gtz-cal. on side of core. 1% pyrite									
139.3	186.0	DIORITE-DIORITIC VOL-BASIC VOL. MIX. Scarce small altered porphyry dikes.									
		139.3-141.6: Alteration zone. Chloritic with pitc sections. 15% pink and white gtz-cal. Scarce pyrite									
		142.3-143.2: porphyry-vol. mix. 2% white gtz-cal.									
		143.9-146.0 " " 2% " "									
		155.0-171.0: coarse diorite, gradational walls to vol.									
		171.0-176.4: alt'd, sheared, chloritic. 10% gtz-cal. Minor pyr.									
		173.4-174.0: 95% grey gtz. 5% chl. Scarce pyrite									
		At 183.2; 184; 184.6; 189.2 and 190: pitc aplite from 1/4" to 4".									
186.0	208.7	DIORITE: med. grey green, Abund. small patches pale green chlorite, plus darker green chlorite and biotite. Minor pyrite.									
208.7	278.0	DIORITE: coarse grained, typical blotchy fld. at start with soft chlorite "spots" up to 1/4".									
		At 236.5: 3" aplite and 1/4" gtz.									

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXP - NORANDA OPTION

HOLE NO. 84 ST-10

SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
208.7	278.0	<p>Continued.</p> <p>248.5-249.4: diorite dike. Fine grained. Few grt-act seams CA of FW 45'</p> <p>249.9-250.3: pink aplite</p> <p>251.1 - 255.0: " "</p> <p>At 252.1: 3" Andesite remnant. Fine pyrite. (Broken chip core)</p> <p>255.4-256.3: Andesite Dike. Fine grained. Scant fine py.</p> <p>CA of FW 60'</p> <p>257.0-263.0: patchy pink fld. areas.</p> <p>278 End of Hole</p> <p>Casing Pulled</p>									

# SAMPLES RECORD

## D. D. H 84ST-11

SAMPLE NO.	FOOTAGES			DESCRIPTION	ASSAY	
	FROM	TO	WIDTH		GR Au	CK Au
8411-1	44.3	49.0	4.7	10% grt-cal. stringers. Minor pyr	TR	
2		54.0	5.0	10% ditto (includes 1' lost core)	TR	
3		58.4	4.4	Minor grt-cal.	TR	
4		65.8	7.4	QUARTZ VEIN grey wh. <sup>species pyrite</sup> Abund chl.	TR	
5		70.3	4.5	5% grt-cal. <sup>species pyr.</sup>	TR	
6	124.0	126.5	2.5	5% grt in blebs in breccia. Scant pyr	TR	
7	169.3	174.3	5.0	20% whitest grey and purple grt-cal.	.010	
8		179.3	5.0	20% ditto Scant pyrite	TR	
9		184.3	5.0	20% ditto " "	TR	
10	195.9	201.8	5.9	20% ditto <1% fine pyrite	TR	
11		205.7	3.9	10% grt-cal + aplite ditto	.26	.24
12	228.0	229.3	1.3	80% grey white grt. Minor chl + tourmaline <sup>Minor CS pyr.</sup>	.016	
13		236.0	6.7	6% grt-cal. <sup>species pyrite</sup>	.002	
14	277.5	281.3	3.8	3% pyrite Minor grt blebs <sup>(279.0-279.8: grey, chloritic grt VEIN white)</sup> Minor chl.	.120	
15	320.5	325.8	5.3	Abundant 20% grt + grt-cal. + grey silic'n. <sup>20% CS pyrite</sup>	.83	.82
16	327.4	328.5	1.1	Creamy grey silic'n. 1% pyrite	.062	
17		335.2	6.7	10% grt-cal. Scant pyrite	.002	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPL. - NORANDA OPTION  
 HOLE NO. 84ST-11 LENGTH 520'  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 2+40N DEPARTURE 1+50W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP 65°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	6330				
400	61'00				
520	5830				

HOLE NO. 84ST-11 SHEET NO. 1

REMARKS \_\_\_\_\_

LOGGED BY C.F. Denson

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
0	38.5	CASING										
38.5	70.3	BASIC VOLCANIC: sheared, highly chloritic. Abundant gtz-cal. in fractures, stringers and gtz. vein. Badly broken core. 40.5 - 43.0 Lost core 43.1 - 44.0: pink aplite. 52.5 - 53.5; 54 - 56; Lost core 56 - 58: 1.5' lost core in short sections 58.4 - 65.8: QUARTZ VEIN. Greyish white. Abund. chlorite in irreg. seams. Specks pyrite										
70.3	72.1	SYENO-DIORITE: altered chloritic. Med. grain. pink cast										
72.1	73.5	BASIC VOL: dark green, chloritic										
73.5	77.0	SYENO-DIORITE: as at 70.3 At 76: 1" aplite with white gtz										
77.0	78.1	SYENITIC DIKE: fine grained. Rounded pinkish feld. grains										
78.1	79.1	SYENO DIORITE: as at 70.3										
79.1	90.7	DIORITE DIKE: grad. from above. Porphyritic. Fine grained, pale grey. Few small gtz. eyes. 79.2 - 79.6: F.P. dikelets. fine grained, med. grey.										
90.7	92.3	Highly Altered Zone: chloritized. plus 4" diorite dike										
92.3	93.3	DIORITE: similar to 79.1. Coarser grained, pinkish feld.										

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX - NORANDA OPTION

HOLE NO. 84ST-11

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL					
93.3	120.3	PORPHYRITIC DIORITE - BASIC VOLCANIC MIX: 90% coarse Diorite with few grt. eyes. Two 1/4" angular greenish grt blebs, plus epid. Few grt. carb blebs									
120.3	132.5	BASIC VOLCANIC: typical. 5% grt. cal. in short fractures									
132.5	148.6	DIORITIC VOL. - DIORITE MIX. 90% vol. Dark green, highly epidotized. 10% bands diorite up to 8" 132.5-140.3: 80% epidotized 143.2-144.8: Biotite Lampr. Dike Dark grey.									
148.6	185.7	BASIC VOLCANIC. typical. 3% white grt-cal. in irreg. blebs. Minor whitish-grey sugary grt. with fine magnetite and specks of red hematite. Scant pyrite. 20% qtz cal at end 156.6-160.0: dioritic med. grained, chlorite w/vol. inclusions 160.0-165.5: Diorite Dike. fine grained, grey green. Scant py. 165.5-169.3: gradate coarse grained with pink feld. 2% grt-cal. in fract 169.3-184.3: 20% whitish-grey and pinkish grt-cal. in fract									
185.7	193.5	DIORITE: med. grained, dark grey, highly epidotized. P'tic at start. Few grt-cal seams.									
193.5	206.8	DIORITIC VOL - BASIC VOL MIX. Dark green. 10% whitish and pinkish grt-cal. in fract. <1% fine disse'd pyrite. At 204.3 and 204.7: 2" dioritic grt-optic mix									
206.8	220.0	QUARTZ DIORITE: fine grained, dark green, chlorite. Scant fine pyrite and disseminated magnetite. 214.8-220.0: gradate into fine grained, porphyritic. Few grt-cal fract									

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX-NORANDA OPTION

HOLE NO. 84 ST-11

SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
220.0	228.0	QUARTZ DIORITE DIKE: fine grained, med. grey-green. Scant diss'd pyr and magn.									
228.0	238.2	BASIC VOLCANIC: fine grained, med. green, Local faint irreg. ptic areas. 6% gtz-cal in sheet fractures									
238.2	281.3	DIORITE-DIORITIC VOL-BASIC VOL. MIX. Few feld rich bands 1% gtz-cal. mostly in the basic vol. Few irreg. Slabs aplite 243.8-246.8: porphyritic, pinkish feld. Minor epidote in thin fracts. and patches 266.0-268.5: highly epidotized 270.5-271.5: pinkish syeno-dioritic dir. CA of HW 65° AT FW 65°									
281.3	300.0	DIORITE DIKE: fine grained, pinkish calc to feld. Two foot very fine grained, med. green, chilled walls. Epidote in thin fracts and one seam runs for 3' along the core axis At 298.0: 3" of 90% pinkish gtz-cal plus epidote									
300.0	302.8	DIORITE: similar to 238' diorite-vol mix									
302.8	315.0	LAMPROPHYRE: fine grained, brownish, porphyritic. Fine grained walls. CA of HW 40° AT FW irreg.									
315.0	320.5	DIORITE-VOL. MIX. as of 238. 318.3-320.5: faintly ptic.									
320.5	335.2	BASIC VOL. ALTERATION ZONE: Chloritic areas. 320.5-323.2: Abundant gtz. in irreg. stringers and slabs. Minor grey carb. with fine red hematite. 21% coarse pyrite 323.2-325.8: Creamy grey silic'n. Irregular grey white and grey gtz-cal. with fine hematite. 15% coarse pyrite.									

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EXPL. - NORANDA OPTION

HOLE NO. 845T-11

SHEET NO. 4

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPH IDES	FOOTAGE			%	%	OZ./TON	OZ./TON
					FROM	TO	TOTAL				
320.5	335.2	continued									
		327.4-328.5: creamy grey silic'n. 1% pyrite									
335.2	358.7	GRANITE DIKE: coarse grained, ptic, reddish stained at start grading to pale grey. Minor white mica. 5% chlorite in specks up to 2mm. 1% gtz. seams.									
358.7	376.2	DIABASE: typical. Fine grained chilled walls. Minor gtz-cal fracts. CA of HW 40°, A+FW 55°									
376.2	379.0	GRANITE DIKE: as at 335.2. Reddish, broken, highly feldspathic. 1" Diorite inclusion at FW									
379.0	520.0	DIORITE: coarse grained, grey, fairly mass. Minor reddish areas with aplite and syenite. 387.5-390.0: chlorite seam with blebs grey gtz. cal. parallel to core At 385.5; 386.1; 384; 399; 401 and 402: reddish aplite blebs and diorite to 3". 402.1-402.8: pink aplite 405.8-409.2: " " med. grained. 412.5-414.3: granite dike, fine grained, greyish pink 415.7-416.7: granite dike, coarse grained pinkish. 430.0-432.0: 35% pinkish-white gtz. in basic chloritic dike. 1" aplite in FW 437.3-441.0: syenitic alteration zone. Pink gtz-cal. for 2' along the core. 441.0-443.0: basic vol. Fine grained, dark grey-green. 5% gtz-cal. in fracts. 500.7-505.0: darker ptic area. Minor feld. 507.5-520.0: grades into syeno-diorite. Small diorite dike at 509.9 with chilled walls. 520 End of Hole Casings Pulled									

# SAMPLES RECORD

## D.D.H 845T-12

FOOTAGES			DESCRIPTION	ASSAY	
FROM	TO	WIDTH		GR Au	CR Au
46.5	51.5	5.0	10% pink & white gr-cal. Scant pyr	.009	
	56.5	5.0	2% ditto 2% pyr	TR	
	61.5	5.0	35% ditto 3% cs pyrite	TR	
	66.5	5.0	35% ditto 3% pyrite	TR	
	70.5	4.0	35% ditto scant pyr	TR	
122.3	125.0	2.7	50% gr-cal 3% pyr	.104	
	129.5	4.5	5% white & pink gr-cal Scant pyr	TR	
134.0	138.0	4.0	15% ditto "	.074	
	143.0	5.0	20% ditto "	.014	
	146.2	3.2	10% ditto "	.044	
169.1	171.1	2.0	5% white gr-cal All'z. = 1% cs pyr in FW	.976	
	175.1	4.0	10% ditto " Scant pyr	.066	
	180.8	5.7	10% ditto " Scant pyr	.068	
	208.0	5.0	10% grey calc'n. Fine mass 2% pink & white gr-cal. 2% pyr. h	TR	
5	271.4	2.8	10% gr-cal Grey silica. 5% pyrite	TR	
6	277.5	3.3	Scant gr-cal Scant pyr	TR	
7	283.1	5.6	65% grey-white gr Dk Ven 33% grey sil'ca. 2% cs pyrite	.086	



# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXP. - NORANDA OPTION  
 HOLE NO. 84ST-12 LENGTH 450'  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 2400N DEPARTURE 0450W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -65°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	63°5				
450	60°00				

HOLE NO. 84ST-12 SHEET NO. 1  
 REMARKS \_\_\_\_\_  
 LOGGED BY C. F. Desson

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0	39.0	CASING									
39.0	70.5	BASIC VOLCANIC: typical. Strongly sheared [39.0-40.0: boulders (fill) diorite, aplite, diabase] 40.0-46.5: 10% pink and white str.-col. in fractures and blebs Scant pyrite 52.4-65.5: highly alt'd, pale green, chlorite 55.0-56.0: pale yellowish green sericitic. 3% pyr in coarse streaks and disid. 56.0-70.5: > 35% pinkish white str.-col. in veins, patches 10"									
70.5	85.8	DIORITE-DIORITIC VOLCANIC MIX. Abundant epidote alt'n. Two aplite diorite of 1/4" and 2"									
85.8	97.0	DIORITE: grey-green, med. grained. Few thin seams gte									
97.0	107.5	DIORITE-AMPHIBOLITE MIX. 40% diorite, 60% amphibolite Two 1/4" seams aplite									
107.5	115.5	DIORITE-DIORITIC VOL. MIX: typical									
115.5	116.5	FELD. PORPHYRY: med. grained, pale grey.									
116.5	117.6	" " highly alt'd. Pinkish fld. 6% white str.-col. fract.									
117.6	118.5	BASIC VOL: med. green, highly sheared									
118.5	122.3	SHEAR ZONE: highly feldspathic. Scant fine pyr. Few thin seams sericitic. CA 40°									
122.3	141.7	BASIC VOLCANIC: as at 117.6. Highly sheared, chlorite. Abund pinkish and white str.-col in fractures, seams and irregular blebs.									

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPL. - NORANDA OPTION

HOLE NO. 8457-12

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ TON
				FROM	TO	TOTAL					
141.7	148.5	PORPHYRITIC DIORITE: highly alt'd, sheared, chloritic. 142.5 on: highly sheared slightly dioritic porphyry.									
148.5	169.1	DIORITE: Highly alt'd and sheared. Pale green, highly fld. Local ptic areas.									
169.1	180.8	VOLCANIC: ALTERATION ZONE: pale greenish grey. Streaks sericite. Minor fine diss'd pyr > 10% white and pink gr. - col. with chlorite at start.									
180.8	195.8	BASTARD LAMP. or fine grained fld. porphyry. Slightly ptic fine grained, greyish, chloritic.									
195.8	208.0	FELD. PORPHYRY: grad. from a fine med. to coarse grained at start, grades to pale grey, alt'd, chloritic. Scant pyr. Minor frags. gr. col.									
208.0	213.0	ALTERATION ZONE: pale grey, chloritic, slightly dioritic center. 2% white gr. col. in seams and blebs. 10% grey carbonatization with fine magnetite and < 1% fine pyrite.									
213.0	236.8	DIORITE DIKE: dark grey, alt'd, chloritic. Chilled walls coarse chloritic center with pink feld. < 1/2% fine and coarse pyrite. Few grey carb. stringers with chloritic margins. Scant seams epidote.									
236.8	260.4	DIORITE: typical coarse grained blotchy appearance. Local amphib. sections, highly feldspathic. 240.0 - 241.4: bastard lamp. as at 180.8. CA at HW 30° A+FW 40° At 247: 2" banded grey-white gr. and aplite. 252.4 - 260.4: massive coarse diorite. Few gr. seams.									

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# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EX. - NORANDA OPTION

HOLE NO. 84ST-12

SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ./TON	OZ./TON
				FROM	TO	TOTAL					
260.4	264.1	FELDSPAR PORPHYRY: gradational from above. Reddish alt'd fld. Grades to fresh fld. porph. at end. At 261.0: 1/2" grey grt									
264.1	264.6	DIORITE: typical. As at 236.8.									
264.6	266.2	AMPHIBOLITE: dark green, med. grained alt'd. Minor grt-calc.									
266.2	268.6	FELDSPAR PORPHYRY: Alt'd. Pale grey-green, chloritic. 10% white grt-calc. in thin fractures									
268.6	271.5	BASIC VOLCANIC - DIORITIC MIX: fine grained, med. green, chloritic. 10% grt-calc. in fract.									
271.5	290.4	DIORITIC VOLCANIC: highly altered and sheared. Fine grained, grey-green. Fairly massive center. Grey siliceous at start with abundant grt. and fair amount pyrite. 277.5-283.1: Quartz vein. 65% grey white grt (mass. to 279) 35% grey silic'n. 2% coarse pyrite in clusters in the quartz and fine diss'd pyrite in the silic'n. Scant cpy. replacing pyrite. 283.1-289.6: Feld. Porph. Highly alt'd, pale grey with pink fld. in irreg. blebs. 2% grt-calc. in fract. At 287.4: 2" pink aplite. 289.6-290.1: Basic Vol.									
290.4	314.6	DIABASE: typical 297.5-298.3: Feld. Porph. Obscure partly dissected inclusion. CA at FW 35°									
314.6	319.8	DIORITE: typical coarse grained massive. Few aplite dikes and blebs.									

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMM EXPL - NORANDA OPTION

HOLE NO. 94ST-12

SHEET NO. 4

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ./TON	OZ./TON
				FROM	TO	TOTAL				
314.6	379.8	Continued 326.5-327.5: Feld Porph. pinkish, grading to aplite. CA at HW and FW 15' 336.9-341.0: Basaltic Dike. Prob. fine grained chilled Diabase. Fine grained, dark grey, fine fracts. impure epidote. Magnetic 355.3-356.4: Feld Porph. Fine grained, dark grey. CA at HW 111 eq. At FW 43'								
379.8	386.0	QUARTZ PORPHYRY: pale creamy grey, 1% disseid biotite.								
386.0	396.8	DIORITE: as at 314.6								
396.8	405.9	FELDSPAR PORPHYRY: dark grey, med. grained. 1/2" aplite at HW. CA at HW 15' At FW 30' 403.5-404.5: Two 1" and one 3" seams grey grt. chl.								
405.9	450.0	DIORITE: as at 314.6. Few aplite dikelets. 419.1-421.0 and 443.0-447.0: reddish aplite 448.8-450.0: reddish aplite.  450 End of Hole Casing pulled.								

SAMPLES RECORD  
D.D. 84ST-13

SAMPLE NO.	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		GR AU	AN CK
1338	121.6	122.6	1.0	0.5' grey grt vein + cal 30% grt-cal. Total 80% grt + cal < 1/2% py	.078	
39	185.2	190.0	4.8	30% grt + grt cal. Scant pyr	.010	
40	206.4	211.4	5.0	35% d. th	.008	
41	250.0	252.8	2.8	15% d. th + glite mix. 3% pyrite	.030	
42	361.6	364.8	3.2	5% grt-cal. alt. zone. < 1% pyrite	TR	
1359	211.4	216.0	4.6	35% grt cal. as 1340	.004	
1360		218.2	2.2	35% d. th	.004	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPL. - NORANDA OPTION  
 HOLE NO. 84ST-13 LENGTH 450'  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 3+00N DEPARTURE 3+50W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -65°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	63°15'				
400	60°00'				

HOLE NO. 84ST-13 SHEET NO. 1  
 REMARKS Samples List Attached

LOGGED BY C. F. DESSON

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL				
0	54.0	CASING									
54.0	122.6	DIORITE: med. grain, med. grey, grades to syeno-diorite at end. 5% aplite in irregular blebs and dikelets to 1". 121.6-122.6: 80% grey gtz and gtz-cal. Includes 0.5' grey vein gtz. with scant chlorite and pyr.									
122.6	134.0	BASIC VOLCANIC: typical. 2% white gtz-cal. in short fractures									
134.0	140.1	DIORITIC VOLCANIC: gradational from above. 20% epidote alteration in irregular patches									
140.1	185.2	SYENO-DIORITE: dark grey, coarse grain with pink feld. in irregular grains. Local patches epid. alt'n. Scant fine pyrite. <1% pink and white calcite in short fractures. At 166.4: 2" irreg. pink calcite. 170-173.5: pyrite diss'd and in short streaks. <1%. 171.8-171.9: 60% grey blotchy gtz. and chl. 173.5-174.0: 50% " " "									
185.2	225.9	BASIC VOLCANIC: typical. 10% grey-white gtz-cal-pink cal. mix in blotchy areas and fract. Becomes slightly ptyc at end. 191.1-192.9: dioritic vol. 192.9-193.5: Syeno-diorite as at 140.1 221.1-222.4: feldspar porphyry, med. to dark grey.									
225.9	248.3	DIORITE-DIORITIC VOLCANIC MIX: grad. from above. Gen. fine grained, med. grey-green. 10% feld. Few thin seams pink calcite to 1/2"									

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# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPL - NORANDA OPTON

HOLE NO. 84ST-13

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL				
248.3	258.6	BASIC VOLCANIC: typical 250.0-255.5: Alteration zone. Greyish. Abundant pink grt-kll and grt-cal. mix plus minor aplite. 2% pyrite in coarse blebs up to 3/8" x 1". 251.6-252: pink cast, ptic. Aplite and calcite-grt mix.								
258.6	290.6	DIORITE - DIORITIC VOLCANIC MIX: as at 225.9. Few scattered blebs grt-cal. with epidote.								
290.6	346.7	DIORITIC VOLCANIC - BASIC VOLCANIC MIX: Abundant epidote alteration at start plus highly epid. areas and thin seams throughout.								
346.7	364.8	BASTARD LAMPROPHYRE: Fine grain, dark grey chilled walls and coarser ptic. brownish center. Typical. 361.6-364.8: Thin grey grt. seams to 1/4" with coarse pyrite. Pale grey, high temp. alt'n into walls.								
364.8	382.4	BASIC VOL - DIORITIC VOL MIX: as of 290.6 381.8-382.4: Bastard Lampr. as of 346.7								
382.4	439.9	DIORITIC VOLCANIC - DIORITE MIX: as of 258.6. Local small sections basic vol. 420.2-421.4: DIABASE. CA HW 1100's. At FW 50: 1/2" grt-epid. At 425.2: 1/2" calcite At 432.3: 3" mauve and grey calcite. 20% chlorite 399.4-400.4: reddish aplite and grt At 401.6: 1/2" irreg. grt-cal At 402.4: Two 1" aplite disclets 410.5-411.1: coarse diorite At 417.7: 1" pink grt-cal and chl.								
439.9	448.0	DIABASE. 448 End of Hole. Casing pulled.								

SAMPLES RECORD  
D.D.H. 84ST-19

SAMPLE NO.	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		GR %u	CR %u
1343	206.7	211.5	4.8	15% grey & purple l. gl. cal. chl. Scarce py	120	
1344	220.2	225.8	5.6	22% ditto Abund chl. "	1046	
45	289.2	295.0	5.8	Scarce gl. cal. >1% cs pyrite	TR	
46	302.6	304.1	1.5	2% gl. cal. 2% cs pyrite	1034	
47	374.4	379.4	5.0	Alt. Zone. Abund l. grey silic'.	TR	
48		384.4	5.0	10% gl. cal. Spec. py	TR	
49		388.2	3.8	15% " "	TR	



# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPL. - NORANDA OPTION  
 HOLE NO. 84ST-14 LENGTH 450  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 3700N DEPARTURE 2+50W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -65°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
200	62°30'				
450	61°30'				

HOLE NO. 84ST-14 SHEET NO. 1  
 REMARKS Samples List Attached

LOGGED BY C.F. Desson

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL				
0	41.0	CASING								
41.0	106.3	DIORITE: grey green, med. grain, massive. Minor blebs aplite. At 61.8 - two 1/2" seams grey gtz-cal and aplite 87.0-92.8: Amphibolite At 101.3: 4" reddish aplite 103.5-105.9: sheared. Amphib. rich with aplite blebs								
106.3	126.1	SHEAR ZONE: highly alt'd and chloritic. Probable Fault Zone. Amphib. Rich. areas. 111.8-112.3: reddish aplite. Two small irreg. seams gtz-cal-chl. 112.3-126.1: 5% reddish aplite disjuncts and blebs. 125.1-126.1: Muddied Fault Zone. Black ferromagnesian rich and thin aplite fractures								
126.1	134.1	DIORITE: highly alt'd, chloritic. Coarse grained. High ferro-mag. content								
134.1	146.6	SYENITE: coarse grain, pink and pale grey.								
146.6	155.5	DIORITE-DIORITE VOL MIX: Local pink blk. rich areas. Minor patches epid. alt'n.								
155.5	160.2	FELDSPAR PORPHYRY: dove greenish-grey. Scatt. blk. grains								
160.2	196.5	DIORITE VOL.-DIORITE MIX: High epid. alt'n in the d'tic vol. Few minor sections basic lava. Few irreg. grey-white gtz-cal. seams up to 1/2"								

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMIN EXPL. NORANDA OPTION

HOLE NO. 845T-14

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPH. IDES	FOOTAGE			%	%	OZ./TON	OZ./TON
					FROM	TO	TOTAL				
160.2	196.5	continued At 160.8: 2" irreg. pink calcite on side of core 162.4-163.7: grey-green, silicification									
196.5	221.2	BASIC VOLCANIC: typical. 5% grey-white gtz-cal in irregular fracts and seams up to 2". 197.0-205.7: Feldspar Porphyry: as at 155.5. Pink fld. 207.3-210.8: Ditto									
221.2	265.7	DIORITIC VOL-DIORITE MIX: Abund. epid alt'n in the d'ite vol. 250.0-265.7: Diorite as above - no volcanic incl. Grey, fine to med. grain. Well fract'd at start with epidote in fracts. At 257.0: 90% epid, 10% in thin seam. At 265: 1 1/2" pink gtz-cal-epid. mix 260.8-264.2: DIORITE: coarse, blotchy fld.									
265.7	274.0	BASIC VOLCANIC. Spherulitic. Med. grey-green. CA of HW 75" irreg.									
274.0	290.2	DIORITIC VOL-DIORITE MIX: Abund. epidote alt'n.									
290.2	302.6	BASTARD LAMPROPHYRE: typical brownish tint. Abund. high temp hairline fracts. with chlorite and coarse pyrite bleached walls.									
302.6	308.5	BASIC VOLCANIC: fine grained, med. grey, bit coarser at end. Local alt'd area with gtz-cal. and pyrite									
308.5	313.1	DIABASE: gradational from above (obscure contact)									
313.1	321.2	BASTARD LAMPR: as at 290.2.									
321.2	323.1	DIORITIC VOL-DIORITE MIX: typical									
323.1	326.0	DIABASE: slight pinkish cast. Fine grained chilled walls									
326.0	329.0	DIORITIC VOL-DIORITE MIX: typical.									

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORMINER PL - NORANDA OPTION

HOLE NO. 84ST-14

SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
329.0	342.8	DIABASE: as at 323.1. Bit coarse grained, pinkish cast									
342.8	346.2	BASIC VOLCANIC: typical. 3% grtz-cal. in fractures									
346.2	357.2	DIABASE: typical. Two lampr. dikes 346.2-348.5 and 355.0-357.2: these diabase walls are brownish fine grained Bastard Lampr. slightly porphyritic. These lampr. dikes <sup>as logged previously</sup> are probably fine grained Diabase.									
357.2	374.4	DIORITE-DIORITIC VOLCANIC MIX: typical. Local minor pink R.L.D. areas in the diorite. Minor basic vol. sections near end. Abundant epidote in irregular patches and streaks in the dioritic lava. Minor aplite blebs 3% grtz-cal. in fract. in the volcanics.									
374.0	389.0	DIORITIC VOL ALTERATION ZONE: well fractured. Local chloritic areas. Abundant grey silicification. Scant grtz-cal. Specks pyrite									
389.0	391.1	BASIC VOLCANIC: typical. 5% grtz-cal. in fractures									
391.1	392.1	FELDSPAR PORPHYRY: med. to coarse grain, grey-green chloritic.									
392.1	416.2	DIORITE: typical, <sup>of the</sup> main intrusive which lies south of the main quartz vein showing cleared on surface. Coarse grained. 400.0-412.0: pale pinkish white to pink center with gradational contacts. Syenitic. Few obscure quartz "eyes" Local minor patches reddish aplite.									
416.2	431.6	DIABASE: typical. CA at HW 40° At FW 45°									
431.6	450.0	DIORITE: as at 392.1. Local irreg. areas pink R.L.D. Few aplite seams to 1/2" 450 End of Hole Casing pulled.									

# SAMPLES RECORD

## DDH. 845T-15

SAMPLE NO.	FOOTAGES			DESCRIPTION	ASSAYS	
	FROM	TO	WIDTH		GR %Fe	CR %Fe
1350	202.3	207.0	4.7	10% white epimorph-calc. <math>1/2\%</math> pyr	TR	
51		212.0	5.0	15% ditto <math>1/2\%</math> pyr	.064	
52		217.0	5.0	10% ditto + ophite <math>1/2\%</math> pyr	.008	
53		221.0	5.0	10% ditto <math>1/2\%</math> pyr	.004	
54	255.8	258.9	3.1	15% pink calc. 2% white ghr-calc	TR	
55		259.4	0.5	Qtz vein. Grey + green chl. 4% calc pyr 3% calc chl. 3% pyr	.026	
56		262.0	2.6	3% white ghr-calc. 2% pink & white ghr-calc.	.032	
57	319.2	323.0	3.8	5% " " 1% pyrite	.016	
58	323.3	325.9	2.1	35% pink & white ghr-calc. Sp. pyr.	TR	

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPL. - NORANDA OPTION  
 HOLE NO. 04ST-15 LENGTH 425'  
 LOCATION Sewell Tp. P.M.D. of Ontario  
 LATITUDE 3400N DEPARTURE 1400W  
 ELEVATION \_\_\_\_\_ AZIMUTH 155° DIP -65°  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 04ST-15 SHEET NO. 1  
 REMARKS Sample List Attached  
 LOGGED BY C.F. Desjon

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
		FROM			TO	TOTAL						
0	40.0	CASING										
40.0	91.5	AMPHIBOLITE: dark green, med. grained. Local pinkish diorite sections. Minor aplite in seams and blebs up to 2" Badly shattered 42.3-44.6: diorite 59.8-62.0: diorite, ptic. 62.0-65.0: lost core 85.3-87.2: Diorite-Amphib. Mix										
91.5	113.3	DIORITE: coarse grain. Slightly pink fld. Few aplite dikes to 2" Badly shattered										
113.3	122.5	DIORITE - AMPHIBOLITE MIX. 120.0-121.9: diorite ptic. Pink fld. Aplite in blebs.										
122.5	151.8	DIORITE DIKE: grey-green at start grading into greyer with pink fld. Few aplite blebs. Massive										
151.8	161.4	DIORITE: massive, similar to above but coarser grained.										
161.4	166.0	DIORITIC VOL - DIORITE MIX. Abundant epid. alt'n in local areas										
166.0	169.2	PERIDOTITE: dark grey, brecciated and talcose										
169.2	191.5	DIORITE - DIORITIC VOL. MIX. Local sections basic lava. Abundant local areas epidote alt'n. Minor aplite blebs 176.4-178.4: talcose alt'ramatic. 181.0-187.0: 3% white gr - cal. in fractures										

LANGRIDGES - TORONTO - 366-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EX. - NORANDA OPTION

HOLE NO. B4ST-15

SHEET NO. 2

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL				
191.5	202.3	BASIC VOLCANIC: p'tic areas. Few pink feld. grains								
202.3	221.0	BASIC VOLCANIC: typical. 10% white grt-cal plus pink carb and aplite blebs. Minor disse pyr. < 1/2%.								
221.0	225.3	DIORITIC VOL. - DIORITE MIX: Local epid. alt'n. Minor local p'tic areas.								
225.3	231.5	FELDSPAR PORPHYRY: med. grey-green, med. grain gran grades to fine grained.								
231.5	246.0	DIORITIC VOL-DIORITE MIX: as at 221.0 At 235.5: 3" basalt dikelet. Prob. An diabasic 236.8-241.7: basalt dike " " " 244.0-246.0: " " " " "								
246.0	247.7	FELDSPAR PORPHYRY: as at 225.3. CAFW 40°								
247.7	254.6	DIORITIC VOL-DIORITE MIX: Abund. epid. alt'n. 1/2" aplite at end.								
254.6	263.4	BASIC VOLCANIC: typical. Abundant grt-cal plus grt. vein. 258.9-259.4: QUARTZ VEIN. 4% pyr. in one cluster.								
263.4	279.4	DIORITIC VOL: gradational from above. Dark grey-green. Minor grt-cal and epidote seams. Becomes fine grained at end.								
279.1	287.1	DIORITIC VOL-DIORITE MIX. Minor epidote								
287.1	297.0	DIORITIC VOL: borders on Basic Vol 291.0-294.4: aplite quartzose dike. Fine speck chloite. Local obscure feld. grains. 5% grt-cal. in fracts. 294.0-297.0: 3% grt-cal.								
297.0	301.0	BASIC VOLCANIC: typical. 5% white grt-cal.								
301.0	362.5	Quartzose DIKE: as at 291.0. Deep pink. Aplitic								

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# DIAMOND DRILL RECORD

NAME OF PROPERTY STORIMIN EXPL - NORANDA OPTION

HOLE NO. 845T-15

SHEET NO. 3

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL					
302.5	319.0	DIORITE - DIORITIC VOL. MIX: typical 311.4-316.1: Rd porphyry? slightly p'tic, grey green CA at HW 15° At FW 35° obscure. At 314.1: 3/4" pink aplite at 5° to core axis. 318.2-319.0: Rd spar porphyry. CA at FW 15°									
319.0	324.7	BASIC VOLCANIC. typical. 5% white grt-cal. Local clusters 1% pyr. near end in grt-cal. on one side of the core.									
324.7	335.0	DIORITIC VOLCANIC. typical 325.1-330.4. and 331.4-335.0: Rd spar porphyry. Faint brownish cast. Scant Rd. 330.4-331.4: sheared, alt'd, silicified. Scant grey grt and pyrite.									
335.0	337.8	BASIC VOLCANIC: typical. 2% grt-cal. Fracts.									
337.8	342.3	DIORITIC VOLCANIC: typical. Minor epidote. Few grt-cal. Fracts.									
342.3	345.2	BASIC VOLCANIC: typical									
345.2	346.1	DIORITIC VOLCANIC: Abundant epidote alteration.									
346.1	366.2	DIABASE: typical. Epid. seams at end. CA at HW 45° At FW 30°									
366.2	369.6	DIORITIC VOL: typical									
369.6	377.6	BASIC VOLCANIC: typical. 5% white grt-cal. and white grt-cal in thin fracts. and blebs to 3/4" 374.0-374.3: 50% pink grt-cal and pyrite. Sheared									
377.6	382.8	DIABASE: typical									
382.8	383.5	BASIC VOL. as at 369.6. 3% grt-cal.									
383.5	386.4	BASALT DIKE: blackish, fine epidote in hairline fractures Probably fine gr. diabase.									

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# DIAMOND DRILL RECORD

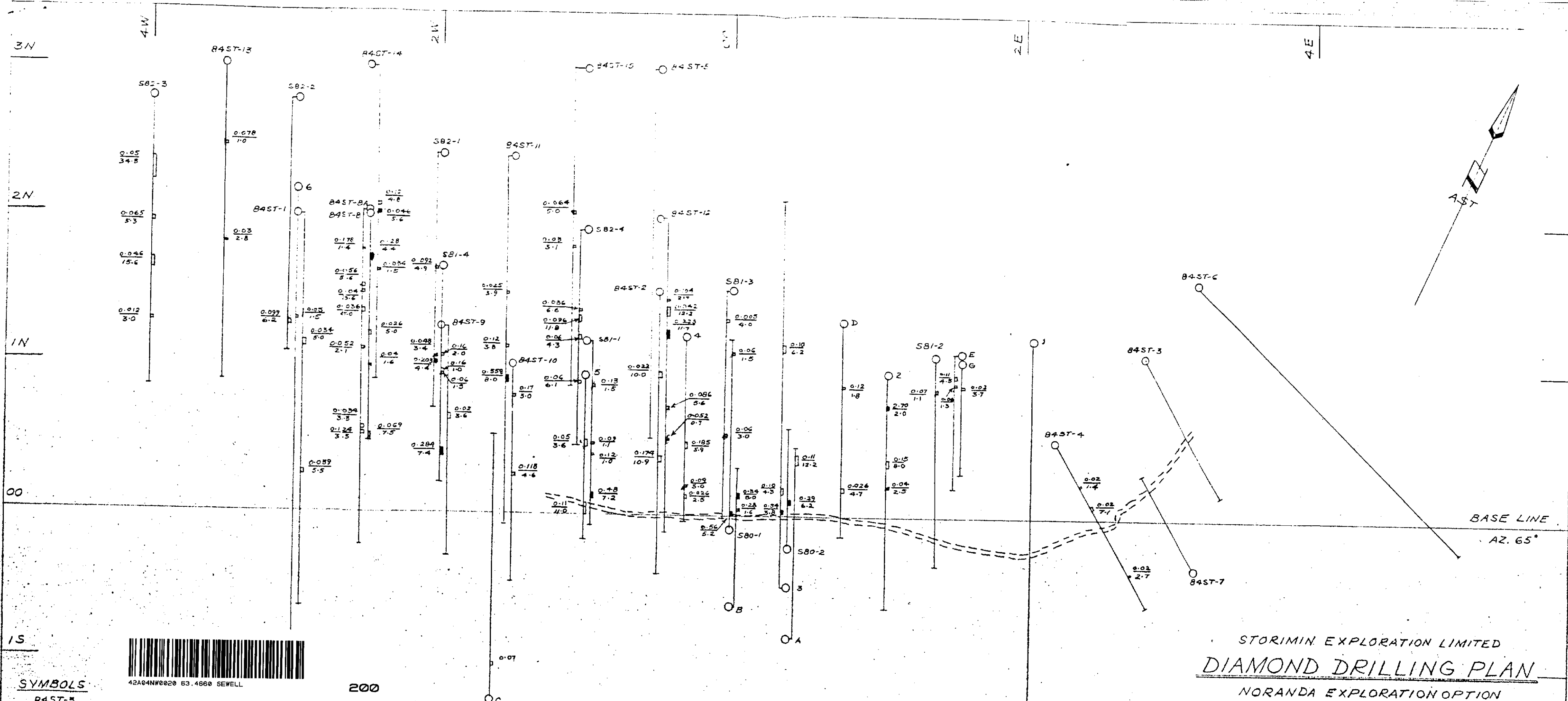
NAME OF PROPERTY STORIMIN EXPL-NORANDA OPTION

HOLE NO. 84 ST-15

SHEET NO. 4

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON
				FROM	TO	TOTAL					
386.4	387.2	FELDSPAR PORPHYRY: brownish cast									
387.2	400.5	DIORITE: coarse gran. Main mass type Abundant feld alt (saussuritized) 398.2-398.5: Basalt Dikelet. CA at HW 50° At FW 50°									
400.5	405.6	DIABASE: as at 377.6									
405.6	450.0	DIORITE: as at 387.2 At 417.0: 1" grey gtz-cal at 20° to core axis 418.2-418.6: 40% aplite At 420.0: 4" white gtz-cal plus chlorite At 422.3: 3" pink aplite at 85° to core axis 429.7-430.8: 30% grey gtz. seams up to 1/4" 431.9-432.8: pink feld. rich. 1" gtz-chl at HW. CA HW 40° At 433.1: 1/2" aplite At 435.2: 3/4" white gtz-cal At 437.3: 1/2" white gtz-cal At 438.3 and 444.0: 3/4" white gtz-cal 438.6-440.1: pink feld. rich plus chlorite. 440.5-441.1: Three 1/2" seams and blebs gtz-cal.  450 End of Hole  Casing pulled. Last hole of program.									



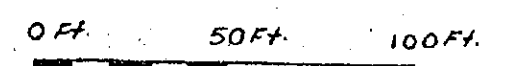


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- SYMBOLS**
- B4ST-5 Diamond Drill Hole, Number (horizontal projection)
  - 0.041 / 3.9 Drill Intersection Au oz/ton over Width in feet
  - Location of Gold Vein on Surface (discontinuous)

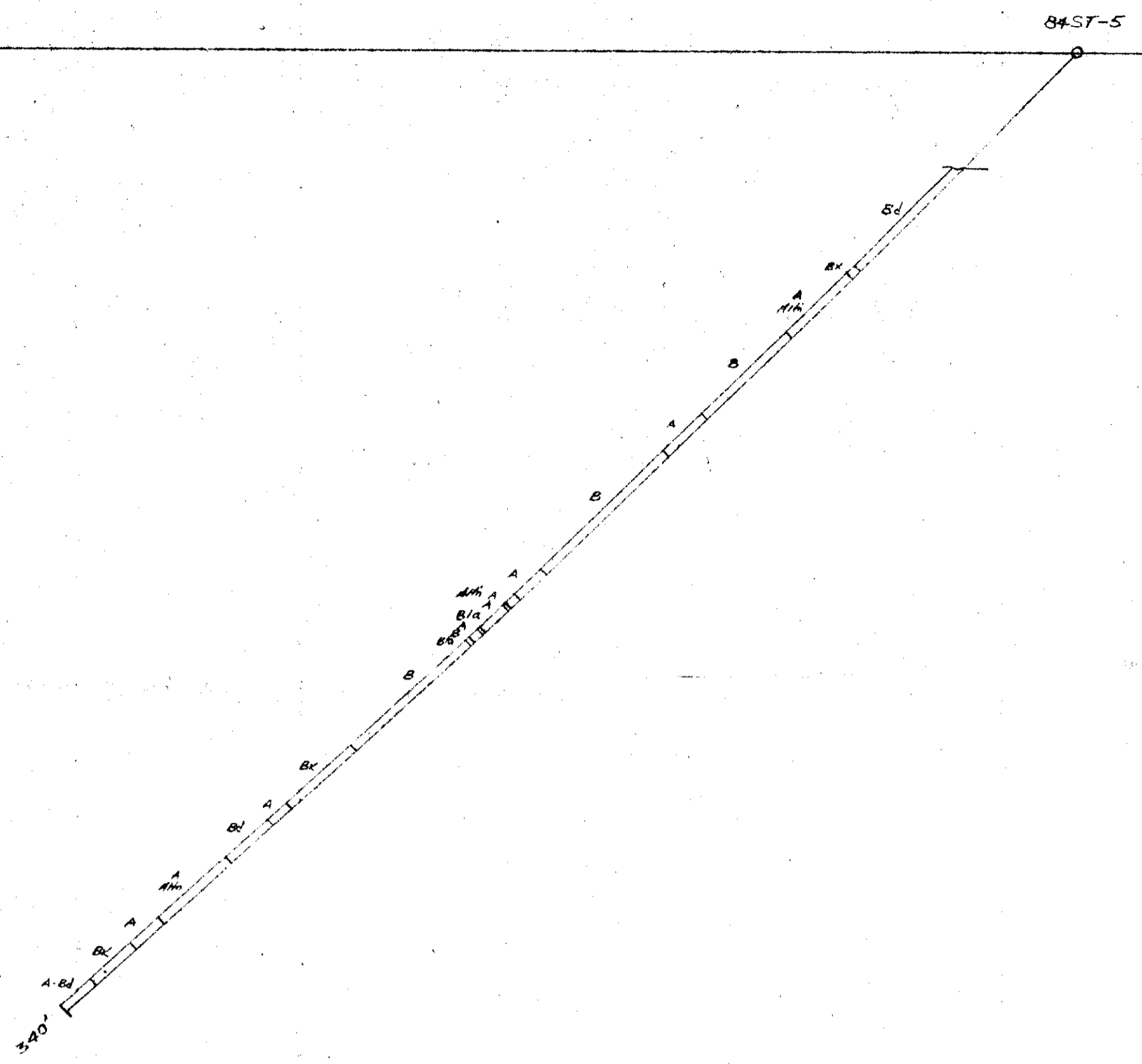
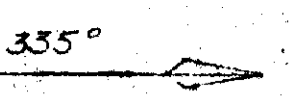
STORIMIN EXPLORATION LIMITED  
**DIAMOND DRILLING PLAN**

NORANDA EXPLORATION OPTION  
 SEWELL TOWNSHIP  
 PORCUPINE MINING DIVISION  
 ONTARIO



SCALE 63.4660

Ref  
4-1000N



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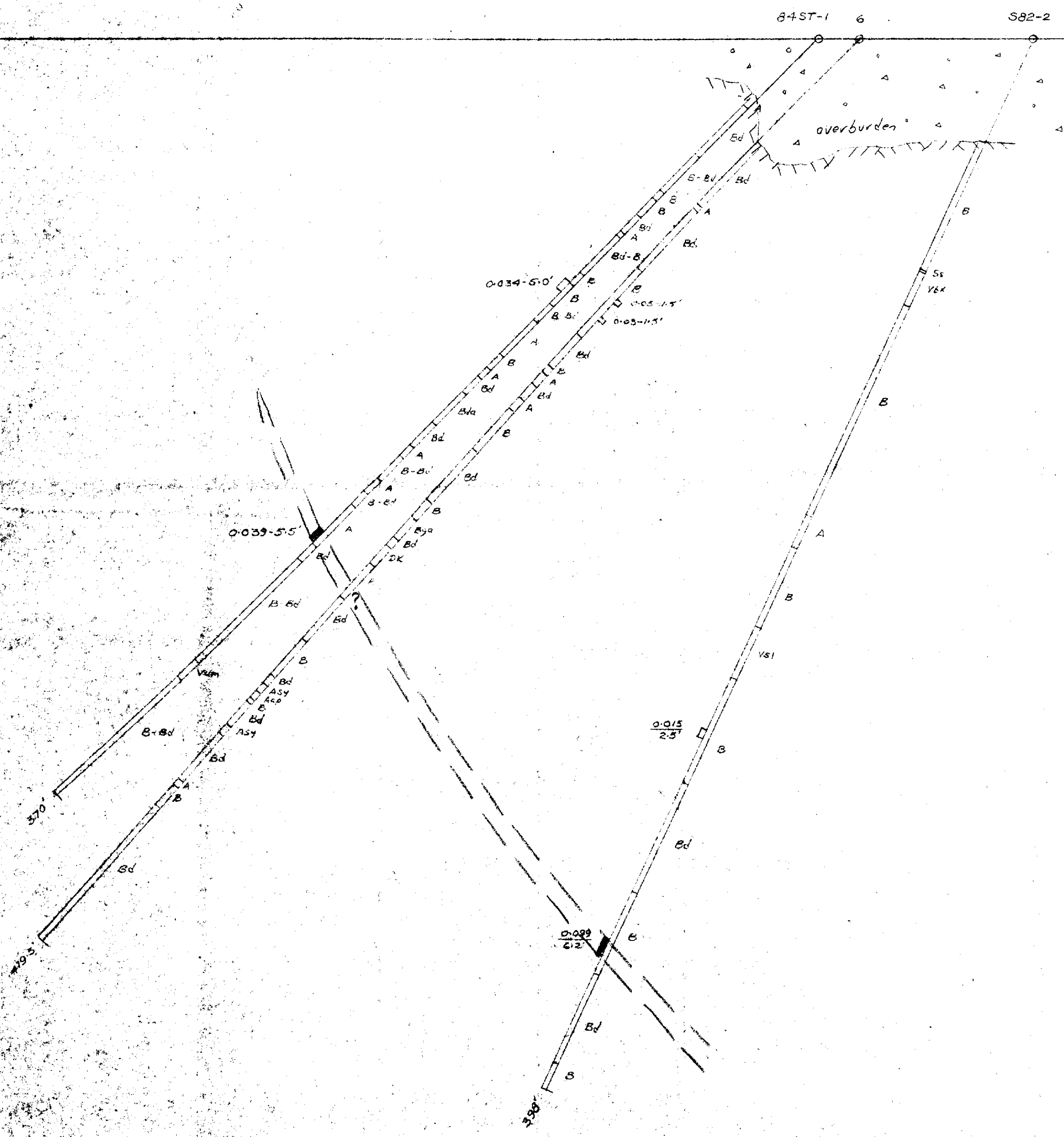
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STORIMIN EXPLORATION LIMITED  
 NORANDA OPTION  
 SECTION 4+50W  
 SEWELL TOWNSHIP  
 PORCUPINE MINING DIVISION  
 ONTARIO

SCALE: 1"=30 FT.

DEC. 1984.





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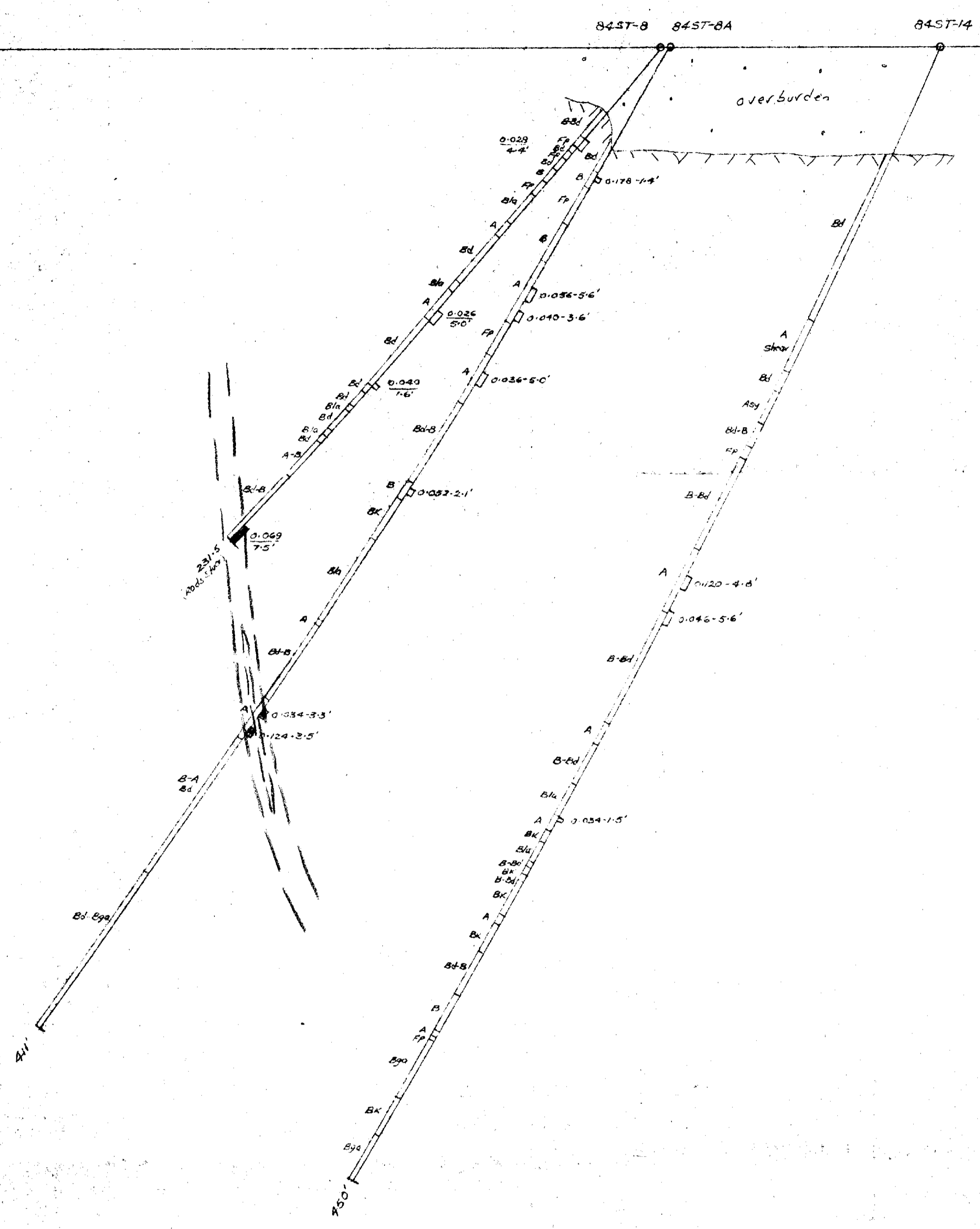
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SECTION 3+00W  
SEWELL TOWNSHIP  
PORCUPINE MINING DIVISION  
ONTARIO

SCALE 1/11"=30FT

DEC. 1984



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STORIMIN EXPLORATION LIMITED  
NORANDA OPTION  
SECTION 2+50W  
SEWELL TOWNSHIP  
PORCUPINE MINING DIVISION  
ONTARIO

SCALE: 1/1"=30FT

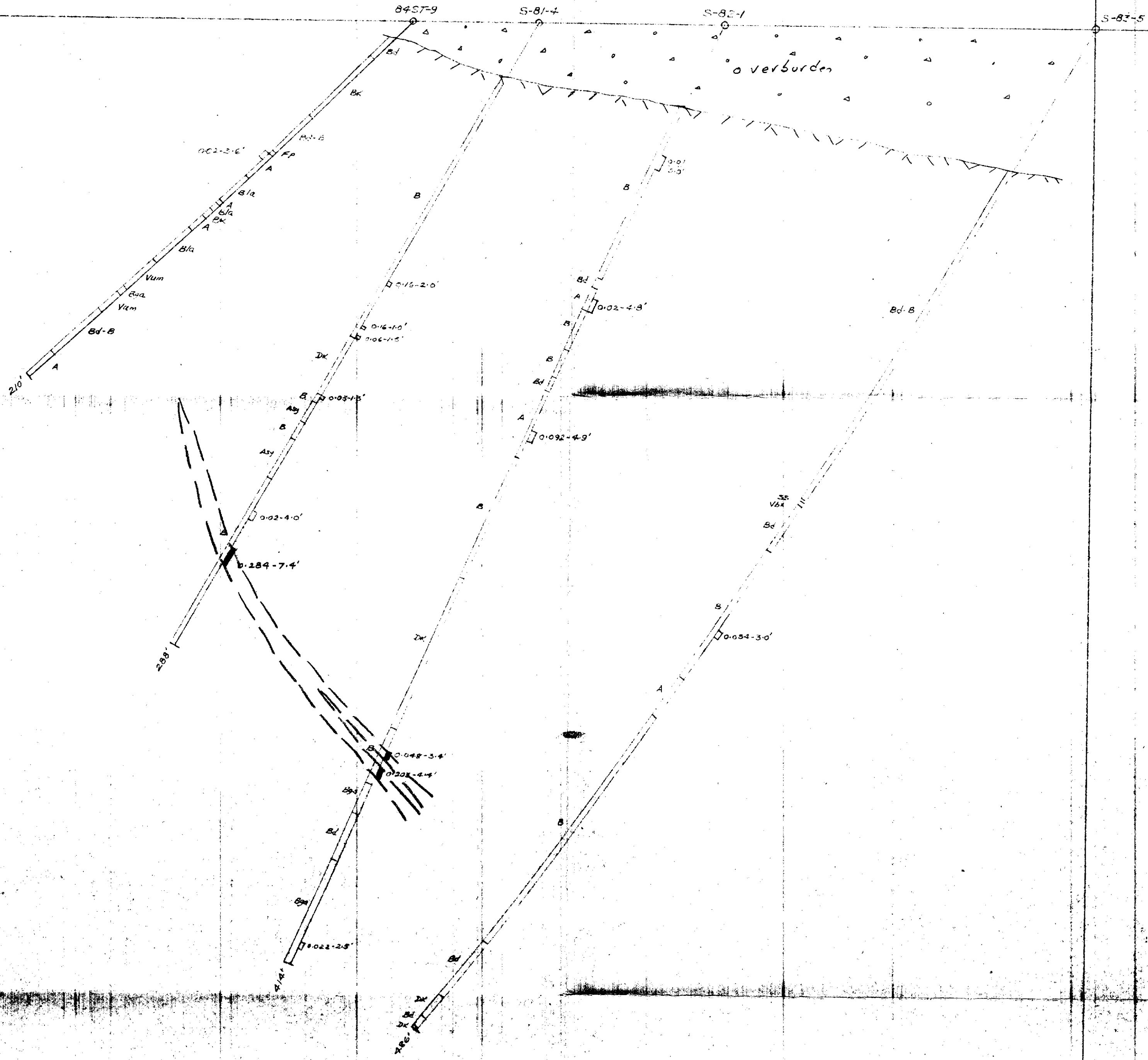
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STORMIN EXPLORATION LIMITED  
NORANDA OPTION  
SECTION 2+00W  
SEWELL TOWNSHIP  
PORCUPINE MINING DIVISION  
ONTARIO

SCALE: 1/1"=30 FT.

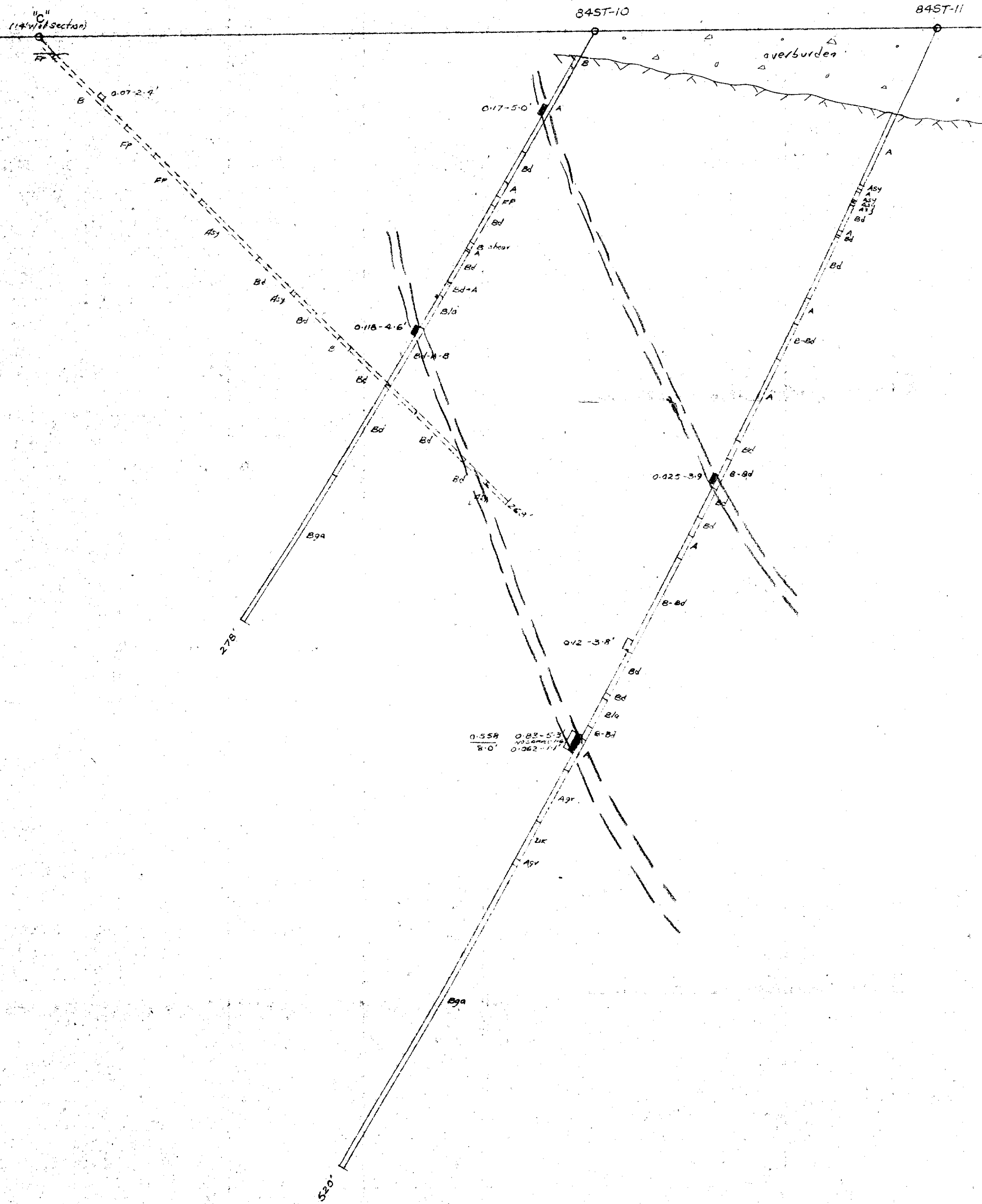
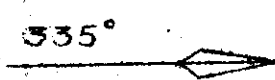
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STORIMIN EXPLORATION LIMITED  
 NORANDA OPTION  
 SECTION 1+50W  
 SEWELL TOWNSHIP  
 PORCUPINE MINING DIVISION  
 ONTARIO

SCALE: 1"=30 FT.

DEC 1994



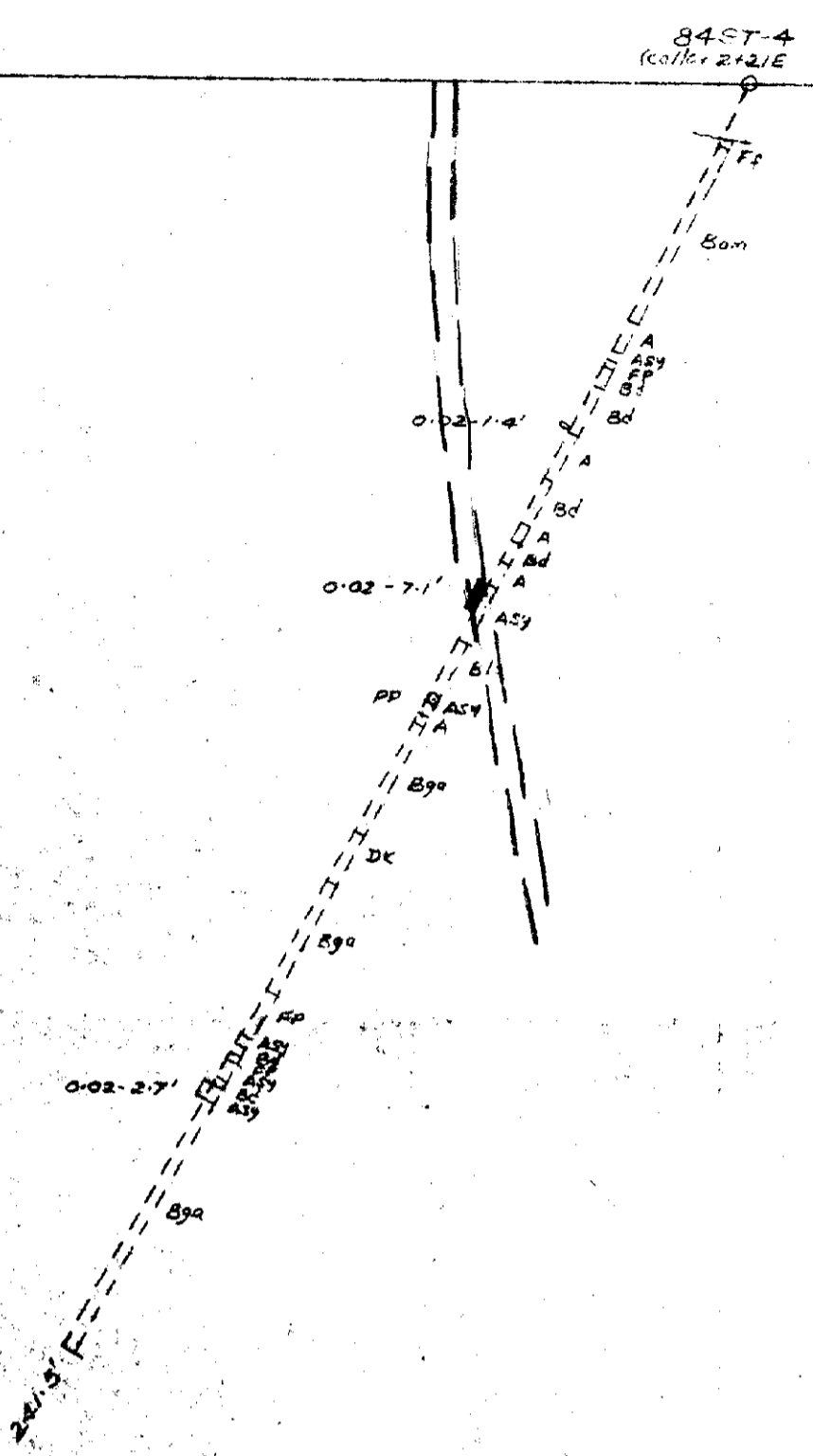
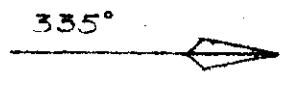
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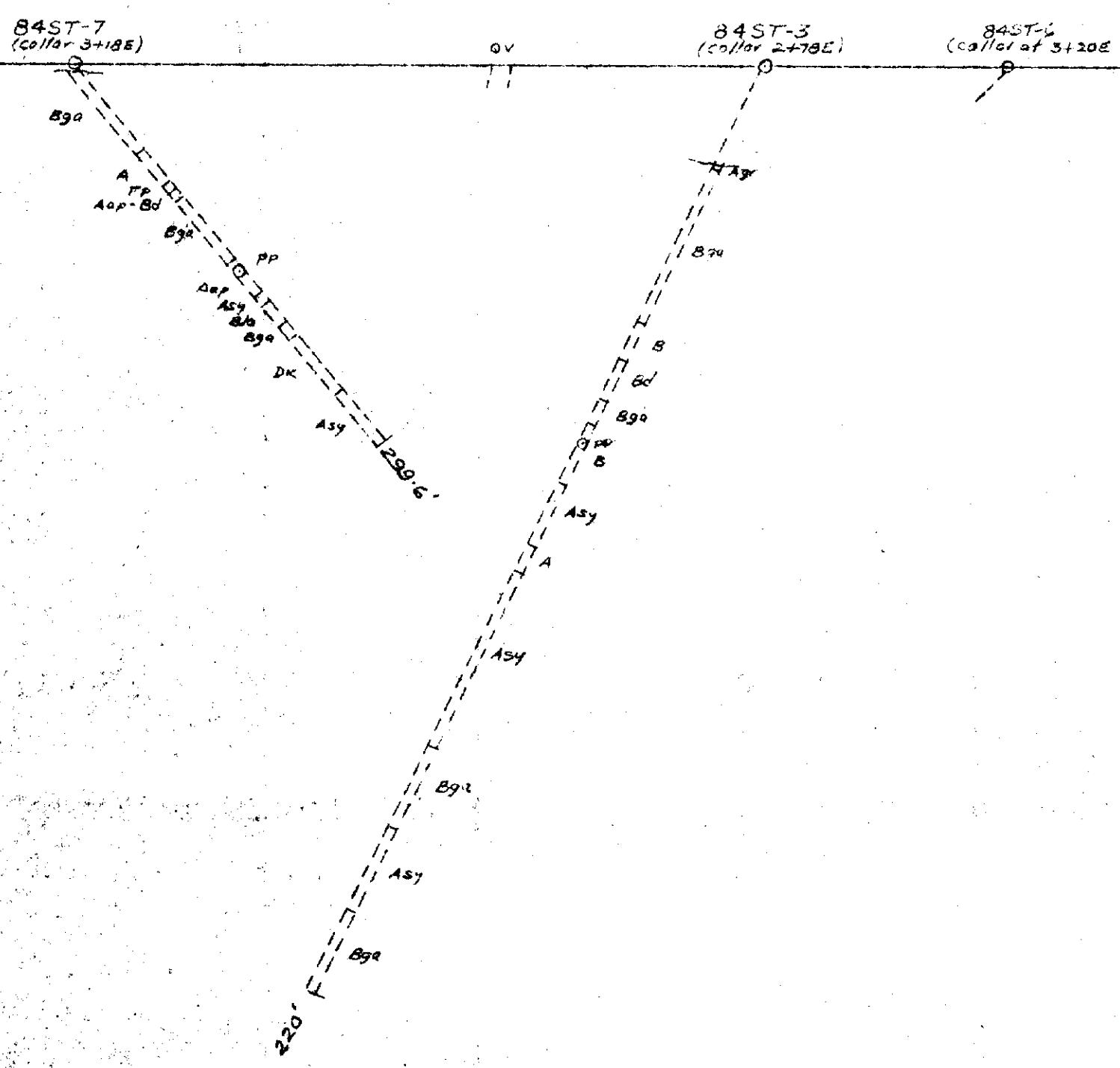
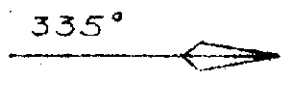
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STORIMIN EXPLORATION LIMITED  
 NORANDA OPTION  
 SECTION 2+50E  
 SEWELL TOWNSHIP  
 PORCUPINE MINING DIVISION  
 ONTARIO  
 SCALE 1/1"=30 FT. DEC 1984





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 SEWELL TOWNSHIP  
 PORCUPINE MINING DIVISION  
 ONTARIO

SCALE: 1"=30 FT



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