

Diamond Drilling



42A06NE0079 23 WHITNEY

010

Township of WHITNEY

Report NO: 23

Work performed by: Consolidated Morrison

Claim NO	Hole NO	Footage	Date	Note
P 94613	1	203.0'	Oct/67	
	2	156.0'	Oct/67	
	3	152.0'	Oct/67	
	4	156.0'	Oct/67	

Notes:

# DIAMOND DRILL RECORD

NAME OF PROPERTY WARREN OPTION  
 HOLE NO. 1 LENGTH 203'  
 LOCATION South Half, Lot 11, Concession 1.  
 LATITUDE Whitney Township DEPARTURE \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ AZIMUTH Vertical DIP \_\_\_\_\_  
 STARTED October 12, 1967 FINISHED October 14, 1967

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
203'	90°	Vertical			

HOLE NO. 1 SHEET NO. 1

REMARKS \_\_\_\_\_  
 Drilled by Bradley Brothers Ltd.

LOGGED BY W.J. Pearson

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	Cu %	Ag %	oz/TON	oz/TON
0.0	1.5'	Casing							
1.5	7.6'	Highly silicified, light grey, partly carbonatized, rhyo-dacitic rock. Minor banding. Fractured with quartz filling. Mineralized sections at 2.9'-4.6', 5.0' -5.6' Mineralization appears related to fracturing. Much of mineralization oxidized. Coarse grained chalcopyrite and pyrite noted.	651		1.5 6.6 5.1	0.15			
			652		11.4 15.5 4.1	Tr.		Nil	Tr.
			653		15.5 28.2 12.7	Tr.		-	-
			654		31.6 36.0 4.4	-		Nil	Tr.
			655		36.0 40.0 4.0	-		NIL	NIL
			656		42.0 50.0 8.0	-		Nil	Nil
7.6	11.3'	Lost Core							
11.3	11.5'	Entirely oxidized section. No minerals recognizable.							
11.5	13.1'	Rhyolite? White, fine grained. Calcite stringers 1/8"							
13.1	14.0'	Oxidized Section. Crumbled Core.							
14.0	15.2'	Siliceous fine grained rock ( rhyolite), disseminated pyrite.							
15.2	15.45'	Oxidized section.							
15.45	17.0'	Rhyodacite, very fine grained, grey to light grey banded, banding at 20° to core. Chloritization.							
17.0	22.0'	Similar to above, slightly brecciated with introduced quartz in fractures and parallel to banding. Chloritization.							
22.0	27.5'	Tuffaceous rock, rhyodacite; abundant pyrite, up to 15%. Mottled.							

LANGRIDGE LIMITED, 10 RICHMOND STREET WEST, TORONTO, ONT. EM. 6-1168

# DIAMOND DRILL RECORD

NAME OF PROPERTY \_\_\_\_\_  
 HO. NO. \_\_\_\_\_ LENGTH \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ AZIMUTH \_\_\_\_\_ DIP \_\_\_\_\_  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 1 SHEET NO. 2

REMARKS \_\_\_\_\_

LOGGED BY \_\_\_\_\_

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE			%	%	OZ/TON	OZ/TON	
					FROM	TO	TOTAL					
27.5	30.0'	Highly siliceous rock, abundant quartz, fine grained, white to light grey, faint banding.										
30.0	31.7'	Interlayering of white, grey, and greyish red siliceous layers; very fine grained.										
31.7	36.0'	Rhyolitic rock, very fine grained, fractured and slightly brecciated in places, fractures filled with quartz; abundant pyrite 31.7' - 33.4'.										
36.0	46.2'	Banded siliceous rock ( rhyodacite), very fine grained, interlayering of white and greyish yellow layers; greyish yellow layers contain finely disseminated pyrite. Dip of banding to core up to 40°.										
46.2	47.3'	Lost Core.										
47.3	50.0'	Similar to 36.2' - 46.2'.										
50.0	59.0'	Dacite, fine grained, grey, massive, chloritic. Minor pyrite, in places well formed pyrite crystals.										
59.0	75.0'	Dacite, tuffaceous, very fine grained, irregular fracturing ( 61.0' - 72.0' ) fractures filled with pyrite and quartz. Some amygdules noted ( quartz and carbonate) 71.0' - 75.0'; 1/16" to 1/2"; some sericitization.										

LANRIDGE LIMITED, 145 BATHURST STREET WEST, TORONTO, ONT. EM. 6-1163

# DIAMOND DRILL RECORD

NAME OF PROPERTY \_\_\_\_\_  
 HOLE NO. \_\_\_\_\_ LENGTH \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ AZIMUTH \_\_\_\_\_ DIP \_\_\_\_\_  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 1 SHEET NO. 3

REMARKS \_\_\_\_\_

LOGGED BY \_\_\_\_\_

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON
					FROM	TO				
75.0	90.4	Dacite, very fine grained, light to medium grey; amygdular, amygdules carbonate and some quartz. Dip 20° - 25°. partly sericitized.								
90.4	91.6	Lost Core.								
91.6	96.0	Similar to 75.0' - 90.4'.								
96.0	97.5	Dacite, very fine grained, with introduced quartz. Disseminated pyrite, , approx 10%.								
97.5	99.0	Lost core.								
99.0	100.0	Dacitic rock, fine grained, banded with some quartz and pyrite mineralization.								
100.0	125.0	Dacite, fine to very fine grained, grey, layered, 15° to 20° dip. Tuffaceous in layers. Pyrite present as well formed cubes.								
125.0	129.4	Dacitic, banded, light grey, medium grey and darker grey. Mottled appearance. Scattered pyrite cubes. Sericitized.								
129.4	141.5	Rhyodacite, very fine grained, very light grey; banded, interbanding of thin layers slightly higher in quartz with darker layers, due to concentrations of acicular mineral, black to very dark brown in colour. No pyrite noted.								

LANGRISH LIMITED, 111 KING STREET WEST, TORONTO, ONT. EM. 6-1168



# DIAMOND DRILL RECORD

NAME OF PROPERTY WARREN OPTION  
 HOLE NO. 2 LENGTH 156'  
 LOCATION South Half, Lot 11, Concession 1.  
 LATITUDE Whitney Township DEPARTURE \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ AZIMUTH 225° DIP 75°  
 STARTED October 16, 1967 FINISHED October 17, 1967

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
156'	75°	225°			

HOLE NO. 2 SHEET NO. 1  
 REMARKS \_\_\_\_\_  
 Drilled by Bradley Brothers Limited  
 LOGGED BY W.J. Pearson

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			Cu %	Au Ag	
					FROM	TO	TOTAL		%	OZ/TON
0.0	4.0	Casing								
4.0	5.0	Rhyolitic rock, fine grained, sulphide mineralization, oxidized; pyrite mineralization. Core broken.	657		4.0	13.8	9.8	Tr.	Nil	Tr.
			658		13.8	22.1	8.3	0.12	Nil	Tr.
			659		22.1	26.6	4.5	0.08	Nil	Tr.
5.0	9.0	Rhyodacite? fine grained, grey; indications of flow structure. Oxidation along joints; pyrite mineralization as scattered small cubes 1/32".								
9.0	10.0	Core Lost.								
10.0	11.9	Rhyodacite, fine grained, grey, pyrite mineralization as scattered cubes. Oxidation along fractures. Sericitization. Lower 8" more siliceous, bottom 2" extremely oxidized.								
11.9	13.8	Similar to above, but increase in quartz content; banded, mainly due to quartz layers. Pyrite 5% to 6%.								
13.8	22.15	Rhyolitic section, pronounced banding due to quartz layers ( introduced quartz ). Evidence of chalcopyrite mineralization at 14.3' associated with pyrite. Fine grained. Extremely quartzose section from 15.0' to 16.1', mineralized with chalcopyrite, pyrite and pyrrhotite.								
22.15	22.8	Siliceous vuggy layer, vugs up to 1/8". Pyrite 10% to 15%.								

LAMAR & COMPANY, 100 KING STREET WEST, TORONTO, ONT. M5X 1C5

# DIAMOND DRILL RECORD

NAME OF PROPERTY \_\_\_\_\_  
 HOLE NO. \_\_\_\_\_ LENGTH \_\_\_\_\_  
 LOCATION \_\_\_\_\_  
 LATITUDE \_\_\_\_\_ DEPARTURE \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ AZIMUTH \_\_\_\_\_ DIP \_\_\_\_\_  
 STARTED \_\_\_\_\_ FINISHED \_\_\_\_\_

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH

HOLE NO. 2 SHEET NO. 2

REMARKS \_\_\_\_\_

LOGGED BY \_\_\_\_\_

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS					
FROM	TO		NO.	% SULPHIDES	FOOTAGE		%	%	OZ/TON	OZ/TON	
					FROM	TO					TOTAL
22.8	25.0	Siliceous layered rock ( rhyolite?), fine grained, with pyrite mineralization along fractures and along planes. Traces of chalcopyrite mineralization.									
25.0	26.6	Highly siliceous section, mainly quartz with a few scattered blebs of chalcopyrite; minor chalcopyrite along fine fractures; some pyrrhotite associated with chalcopyrite. Bands of very fine grained pyrite. End of chalcopyrite mineralization at 26.6'.									
26.6	35.0	Dacitic rock, fine grained, grey. Banding due to flow structure and minor layers of tuffaceous material. Pyrite. Lost core - 34.4' - 35.0'.									
35.0	38.0	Amygdular dacite?, fine grained, grey, sericitized.									
38.0	39.8	Rhyodacitic rock, fine grained, light grey, faintly banded.									
39.8	50.0	Dacite? Grades from lighter grey to darker grey at base. Partly amygdular with a few tuffaceous sections. Minor pyrite as scattered cubes, less than 1/8".									

LANGRISH LIMITED, 10 KING STREET WEST, TORONTO, ONT. EM. 6-1188

# DIAMOND DRILL RECORD

NAME OF PROPERTY WARREN OPTION  
 HOLE NO. 2 LENGTH 157'  
 LOCATION South half, Lot 11, Concession 1  
 LATITUDE Whitney Township DEPARTURE \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ AZIMUTH 225° DIP 75°  
 STARTED October 16, 1967 FINISHED October 17, 1967

FOOTAGE	DIP	AZMUTH	FOOTAGE	DIP	AZMUTH
157'	75°	225°			

HOLE NO. 2 SHEET NO. 3

REMARKS  
Drilled by Bradley Brothers Limited

LOGGED BY W.J. Pearson

FOOTAGE		DESCRIPTION	SAMPLE			ASSAYS			
FROM	TO		NO.	% SULPHIDES	FOOTAGE FROM TO TOTAL	%	%	OZ/TON	OZ/TON
50.0	62.7	Dacite, very fine grained, grey to medium grey, banded. Banding due to flow structure. Fragmental in lower part. 51.8 to 52.6 Lost Core							
62.7	65.6	Rhyodacite, sliceous, very fine grained, abundant pryite occurs disseminated and as well formed cubes up to 1/8". Pyrite 5% to 15%.							
65.6	66.0	Lost Core							
66.0	72.0	Dacite, grey; tuffaceous, fragments up to 1/4" elongated and lenticular; sericitization.							
72.0	74.0	Lost Core							
74.0	86.5	Dacite, very fine grained, grey to medium grey, banded with layers of tuffaceous material. Some amygdules. Considerable sericitization.							
86.5	88.0	Lost Core							
88.0	125.0	Dacite, very fine grained, interbanding of grey and medium grey layers. Layers of tuffaceous material. 100.0 to 101.0 Lost Core							
125.0	157.0	Dacite to Rhyodacite, very fine grained; pronounced banding of very light grey and medium grey bands; pronouncedly tuffaceous from 141' to 157', fragments elongated, up to 1" Minor scattered pyrite grains. Sericitization throughout. Few quartz layers parallel banding.							
157.0		End of Hole.							

LANGRIDGE LIMITED, 104 RICHMOND STREET WEST, TORONTO, ONT. EM. 6-1188

*P-94613  
 Whitney Township  
 SEE SKETCH WITH  
 REPORT SUBMITTED ON  
 FEB 26/68  
 THIS IS A CONTINUATION  
 OF D.D.H. #2*



# DIAMOND DRILL RECORD

NAME OF PROPERTY WARREN OPTION  
 HOLE NO. 3 LENGTH 152.0'  
 LOCATION South Half, Lot 11, Concession 1.  
 LATITUDE Whitney Township DEPARTURE \_\_\_\_\_  
 ELEVATION \_\_\_\_\_ AZIMUTH Vertical DIP \_\_\_\_\_  
 STARTED October 19, 1967 FINISHED October 20, 1967

FOOTAGE	DIP	AZIMUTH	FOOTAGE	DIP	AZIMUTH
152.0	90°	(Vertical)			

HOLES NO. \_\_\_\_\_ SHEET NO. \_\_\_\_\_

REMARKS \_\_\_\_\_  
 Drilled by Brailey Bros. Limited

LOGGED BY H.D. Carlson

FOOTAGE		DESCRIPTION	SAMPLE				ASSAYS				
FROM	TO		NO.	% SULPHIDES	FOOTAGE			Cu %	Au %	OZ/TON	OZ/TON
					FROM	TO	TOTAL				
0.0	69.0'	Variably brecciated, silicified, pyritized and carbonatized, medium to light-grey to grey-buff tuffs of rhyodacitic composition. Banding varies from 45° to 90° to the core axis. Alteration is generally patchy and blotchy or in irregular stringers, but not uncommonly some original thin bands of tuff up to ½ inch in thickness have been completely replaced by quartz, or carbonate or massive, very fine-grained pyrite.	601		0.0	10.0	10.0	-		Nil	Nil
			602		10.0	20.0	10.0	-		Nil	Nil
			603		20.0	30.0	10.0	-		Nil	Nil
			604		30.0	40.0	10.0	-		Nil	Nil
			605		40.0	50.0	10.0	-		Nil	Nil
			606		50.0	60.0	10.0	-		Nil	Tr.
			607		60.0	64.0	4.0	-		Nil	Tr.
69.0'	76.0'	Massive, aphanitic, medium-grey rhyodacitic tuffs.									
76.0'	85.0'	Similar to section from 0.0 to 69.0'									
85.0'	152.0'	Massive, medium to light-grey, fine to medium-coarse-grained, rhyodacitic tuffs and tuffaceous agglomerates.									
		Core Host:									
		37.5' - 38.0'									
		42.0' - 43.0'									
		67.0' - 68.0'									
		71.5' - 72.0'									
		91.5' - 93.0'									
		117.0' - 118.5'									



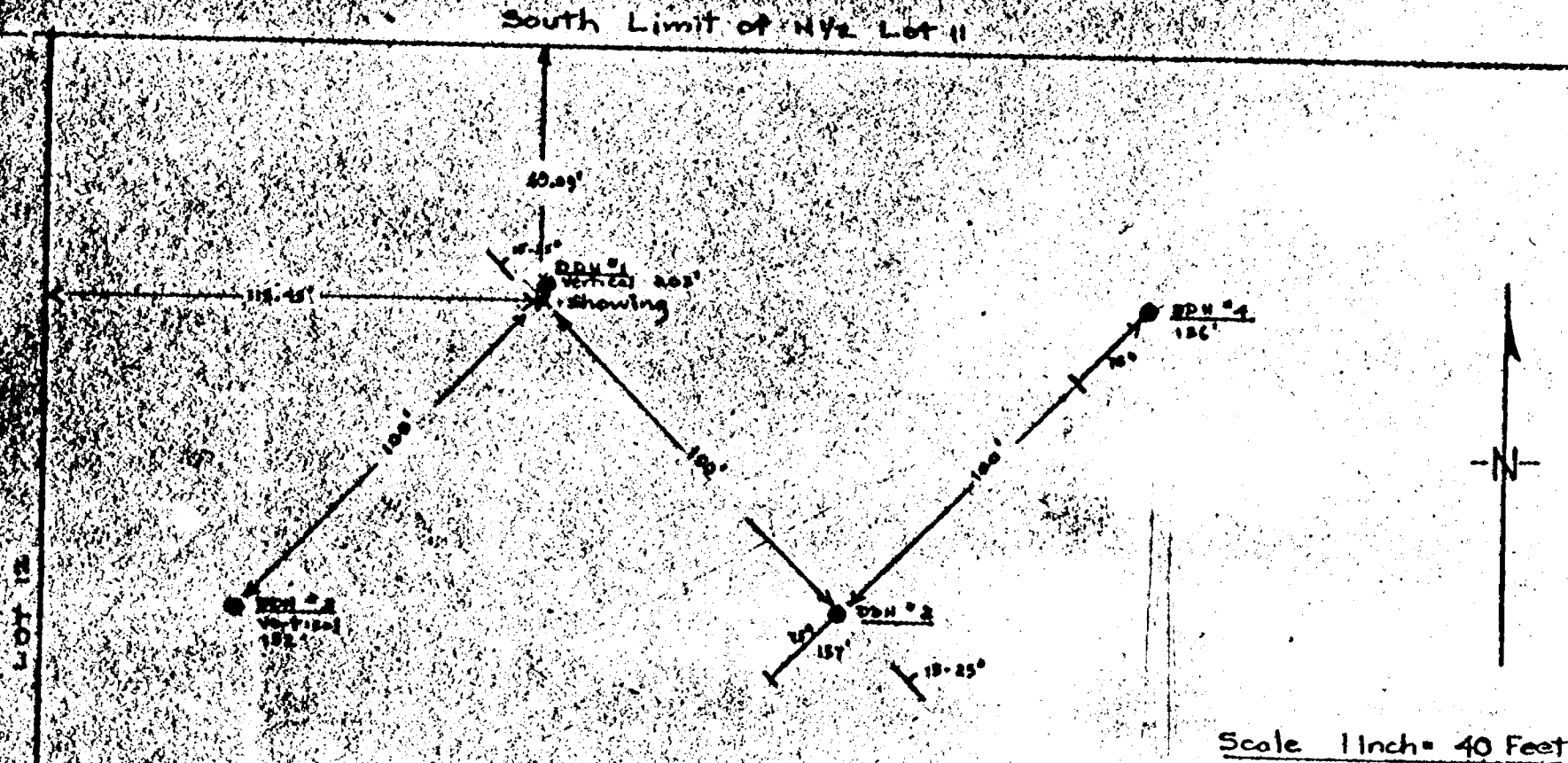


Figure 1 - Showing Location of Diamond Drill Holes on Warns Option  
S 1/2 LOT 11 CONCESSION 1, Whitney Township.

P-946.13  
Whitney

23.  
01/16/7

# X-RAY ASSAY LABORATORIES LIMITED

437 LESMILL ROAD - DON MILLS, ONTARIO - TELEPHONE 495-5733

## Certificate of Analysis

NO. 193

(Re: Whitney Twp. Copper Project.)  
to. Consolidated Morrison Explorations Limited,  
11 King Street West, Suite 1700,  
TORONTO, Ontario.

RECEIVED October 18, 19, 1967

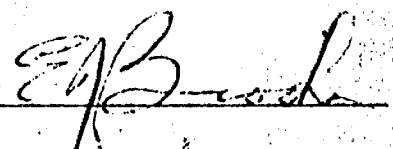
INVOICE NO. 1717

SAMPLE(S) OF split core SUBMITTED TO US SHOW RESULTS AS FOLLOWS:

D.D.H. #1 + D.D.H. #2

Sample No.	Ftg.	% Cu	Au oz./ton	Ag oz./ton
651	1.5-6.6'	0.15	Trace	Trace
652	11.4-15.5'	Trace	Nil	Trace
653	15.5-28.2'		Trace	
654	31.6-36.0'		Nil	Trace
655	36.0-40.0'		Nil	Nil
656	42-50'		Nil	Nil
657	4.0 - 13.8'	Trace	Nil	Trace
658	13.8 - 22.1	0.12	Nil	Trace
659	22.1 - 26.6	0.08	Nil	Trace

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY 

DATE October 20, 1967

# X-RAY ASSAY LABORATORIES LIMITED

45 LESMILL ROAD - DON MILLS, ONTARIO - TELEPHONE 445-8785

## Certificate of Analysis

NO. 293

TO. Consolidated Morrison Explorations Ltd.,  
11 King St. W., Suite 1700,  
Toronto, Ontario.

RECEIVED Nov. 3, 1967

INVOICE NO. 1813

SAMPLE(S) OF split core

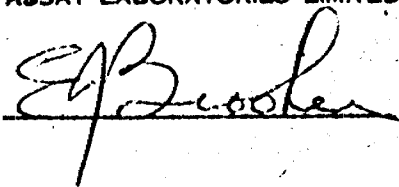
SUBMITTED TO US SHOW RESULTS AS FOLLOWS:

(Whitney Twp. -

Sample No.		Au oz/ton	Ag oz/ton
DDH # 3	601	0' - 10'	Nil
	02	10' - 20'	Nil
	03	20' - 30'	Nil
	04	30' - 40'	Nil
	05	40' - 50'	Nil
	06	50' - 60'	Nil
	07	60' - 64'	Trace
DDH # 4	08	65' - 70'	Trace

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY



DATE

Nov. 6, 1967

# X-RAY ASSAY LABORATORIES LIMITED

45 LESMILL ROAD - DON MILLS, ONTARIO - TELEPHONE 448-5750

## Certificate of Analysis

NO. 28

TO. Consolidated Morrison Explorations Ltd.,  
11 King St. West, Suite 1700,  
Toronto, Ontario.

RECEIVED Sept. 21, 1967

INVOICE NO. 1561

SAMPLE(S) OF rock Grab. SUBMITTED TO US SHOW RESULTS AS FOLLOWS:

<u>Sample No.</u>	<u>% Cu</u>	<u>Ag oz/ton</u>
Whit 1	11.7	5.56
Whit 2	7.15	2.96

X-RAY ASSAY LABORATORIES LIMITED

DATE Sept. 25, 1967

CERTIFIED BY

