



52E09SW0024 11 WHITEFISH BAY AND MA

010

## Diamond Drilling

Area of WHITEFISH BAY

Report No 11

Work performed by: Ellard Grubstake

Claim No	Hole No	Footage	Date	Note
K 39874	E-68-1	195.0'	Mar/68	
K 39883	E-68-2	249.0'	Mar/68	

Notes:

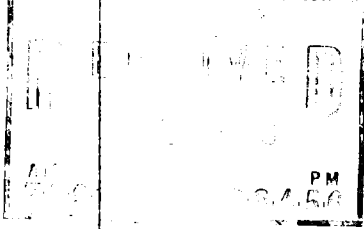
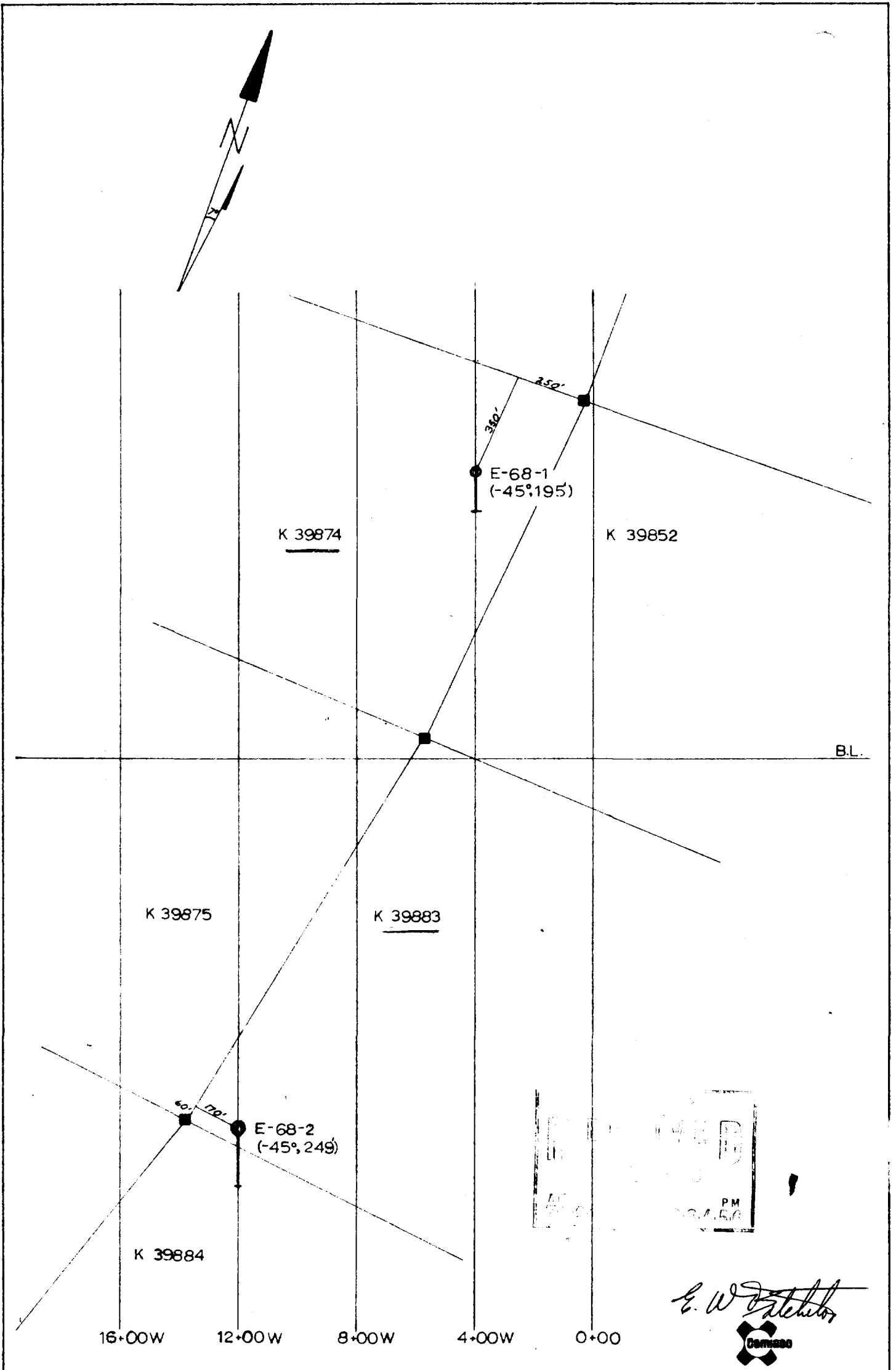


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					40650	40651	40652
					40653	40654	40655
					40656	40657	40658
					40659	40660	40661
					40662	40663	40664
					40665	40666	40667
					40668	40669	40670
					40671	40672	40673
					40674	40675	40676
					40677	40678	40679
					40680	40681	40682
					40683	40684	40685
					40686	40687	40688
					40689	40690	40691
					40692	40693	40694
					40695	40696	40697
					40698	40699	40700



Whitefish Bay &  
Manross TWP  
M-2338



*E. W. [Signature]*  


Drawn by: E.W.B.		Traced by:		PLAN OF DRILL HOLES ELLARD 1966 GRUBSTAKE PROPERTY KENORA M.D. MANROSS TWP			
Revised by	Date	Revised by	Date				
				Scale: 1"=400'		Date: APRIL 2, 1968	Plate: E-68-3

# Diamond Drill Sampling Record

REPORT #10



39874

Hole No. **E - 68 - 1** Sheet **1 of 3**  
 Property **ELIARD GRUBSTAKE** Length **195'** Lot. **9+80N** Hor. Comp. **150'** Ver. Comp. **1320'**  
 District **Kenora M.D.** Bearing **160° (True)** Dip **4+00W** Eth. at **195.0'** Total Recovery % **97.3%**  
 Commenced **March 7, 1968** Dip **-45°** Elev. **767.** Logged by **E. W. Batchelor**  
 Completed **March 11, 1968** Objective **To test E.M. anomaly** Location **Eastern Peninsula  
Lake of the Woods, Manross Twp.** Mar/68

Footage From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis			Recovery %
						% Cu	% Zn	% Ni	
0	2.0	<u>Overburden:</u> Silt, clay.							
2.0	14.5	<u>Rhyolite:</u> Dark grey to grey-green in colour, aphanitic and extremely siliceous. Quartz eyes up to 3 mm in diameter are common. Minor pyrite disseminated grains (less than 2 mm) is present thru-out. Flow banding cuts the core axis at 35°. Quartz (40%), pyrite (2%), matrix (58%). Contact with underlying unit is sharp at 35°.							
14.5'	53.0	<u>Limestone:</u> Dark grey to black, massive and very fine grained. Graphite content probably high. Minor calcite veins (2 mm. wide) cut the core axis at 25°. No visible bedding.							
53.0	57.0	<u>Shale:</u> Black v.f.gr. graphitic shale beds up to 10 cm wide separated by light grey limestone laminae from 1 mm. to 5 mm. wide. Bedding cuts core axis at 40°. Minor disseminated pyrite concentrated in limestone. Graphitic shale (85%), limestone (13%), pyrite (2%).							
57.0	61.0	<u>Interbedded Limestone &amp; Shale:</u> Limestone same as 14.5' to 53' and shale same as 53.0' to 57.0'. Limestone beds up to 1' wide are separated by 5 cm. to 10 cm. of graphitic shale.							
61.0	129.0	<u>Limestone:</u> Similar to 14.5' to 53.0' but lighter gray in colour. 62.5' - 67.5' Dolomite - light grey and medium crystalline. Crystals are subhedral and up to 5 mm. in diameter. 10% irregular pyrite stringers up to 5 mm. wide parallel to bedding. 64.0' - 70.0' - Carbonaceous Tuff - Angular crystal fragments of feldspar and quartz ranging in size up to 3 mm. Groundmass is limey carbonaceous mud. Feldspar (20%), quartz (25%), pyrite (10%), carbonate (15%), carbonaceous mud (30%).		81402 C	62.5 to 67.5	<0.01	nil	<0.01	

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# Diamond Drill Sampling Record



Hole No. E - 68 - 1 Sheet 2 of 3

Property Eillard Grubstake Lot. \_\_\_\_\_

Hor. Comp. \_\_\_\_\_

District \_\_\_\_\_ Bearing \_\_\_\_\_ Dep. \_\_\_\_\_

Each. at \_\_\_\_\_

Ver. Comp. \_\_\_\_\_

Completed \_\_\_\_\_ Dip \_\_\_\_\_ Elev. \_\_\_\_\_

True Dip \_\_\_\_\_

Total Recovery % \_\_\_\_\_

Objective \_\_\_\_\_ Location \_\_\_\_\_

Logged by \_\_\_\_\_

F. W. Batchelor

Footage From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis			Recovery %
						% Cu	% Zn	% Ni	
61.0	129.0	<u>Limestone: (Cont'd)</u> 80.0 - 96.0 <u>Quartz-Feldspar Porphyry (?)</u> - Light grey, porphyritic. Probably intrusive but does not have sharp contacts. Feldspar (40%) quartz (30%), biotite (15%), pyrite (5%) and matrix (10%).							
129.0	182.0	<u>Graphitic Shale: (Conductor)</u> - Black, graphitic shale beds up to 5 cm. wide and separated by laminae of limestone from 1 mm. to 5 mm. wide. Similar to 53.0 - 57.0. 10% pyrite is concentrated in the limestone laminae and in concretions up to 2 cm. in diameter. Graphitic shale (80%), limestone (10%) and pyrite (10%).		81400 C 81401 C	143.5 to 148.5 173.0 to 148.5	<0.01 0.01	0.03 0.04	<0.01 0.01	
182.0	195.0	<u>Dolomite:</u> - Light grey, medium equigranular and thick bedded. Beds are up to 10 cm. wide. Minor graphitic shale and pyrite laminae are interbedded thru-out. Dolomite (90%), graphitic shale (6%) and pyrite (4%).							
	195.0	END OF HOLE							

KENNERA  
 MINING DIV.  
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# Diamond Drill Sampling Record



Hole No. E-68-1 Sheet 3 of 3 Lat. \_\_\_\_\_ Ver. Comp. \_\_\_\_\_  
 Property ElIard Grubstake Length \_\_\_\_\_ Hor. Comp. \_\_\_\_\_  
 District \_\_\_\_\_ Bearing \_\_\_\_\_ Dep. \_\_\_\_\_ Total Recovery % \_\_\_\_\_  
 Commenced \_\_\_\_\_ Dip \_\_\_\_\_ Elev. \_\_\_\_\_ Logged by E. W. Batchelor  
 Completed \_\_\_\_\_ Objective \_\_\_\_\_ Location \_\_\_\_\_

Footage From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis		Recovery %
						Runs	Shorts	
					5.0			
					8.0	0.2		
					13.0	0.5		
					18.0	0.2		
					21.0	0.1		
					23.0	0.1		
					25.0	0.4		
					29.0	0.2		
					35.0	0.1		
					37.0	0.1		
					38.0	0.0		
					44.0	0.2		
					49.0	0.1		
					51.5	0.2		
					53.0	0.2		
					55.0	0.3		
					61.0	0.1		
					68.0	0.2		
					75.0	0.1		
					85.0	0.0		
					95.0	0.0		
					105.0	0.0		
					115.0	0.1		
					124.0	0.2		
					131.0	0.2		
					140.0	0.2		
					146.5	0.2		
					155.0	0.1		
					165.0	0.1		
					175.0	0.1		
					180.0	0.1		
					190.0	0.3		
					195.0	0.2	5.1	

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RECOVERY:  $\frac{193-5.1}{193.0} \times 100$   
 = 97.3%

# Diamond Drill Sampling Record



39883

Hole No. E-68-2 Sheet 1 Lat. 124805 Ver. Comp. 162'  
 Property Ellard 1966 Grubstake Length 249.0' District Kenora M.D. Bearing 160° Dip -45° Elev. 12400M Total Recovery % 98.1%  
 Commenced March 13, 1968 Objective To test coincident EM and Mag anomalies. Location Eastern Peninsula, Lake of the Woods, Manross Twp.  
 Completed March 16, 1968 Logged by E. W. Batchelor

Footage From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis				Recovery %
						Runs	Shorts	Runs	Shorts	
0	5.0	<u>Overburden: silt, clay.</u>								
5.0	54.0	<u>Impure Limestone - Mottled white and green, medium grained, and foliated. Foliation is sub-parallel to original bedding at 30°. Green streaks and blotches chloritic, probably originally silty laminae. White laminae are distinct quartz and carbonate grains up to 2 m.m. Carbonate (60%), quartz (15%), chlorite (20%), and feldspar (5%).</u>								
54.0	58.0	<u>Dolomite - light grey, medium grained and siliceous. Quartz and dolomite grains are subhedral. Minor pyrite grains occupy interstitial positions throughout. Unit is massive and non-bedded. Dolomite (85%), quartz (13%), pyrite (1-2%).</u>								
58.0	61.0	<u>Impure Limestone - Same as 5.0 - 54.0.</u>								
61.0	65.0	<u>Graphitic Limestone - Dark grey to black, fine grained and thin bedded. Individual beds from 1 c.m. to 5 c.m. wide; bedding planes at 30-35°. Minor pyrite throughout as disseminated grains. Graphitic limestone (98%), pyrite (2%).</u>								
65.0	94.0	<u>Andesite - Medium green, fine grained and massive. Irregular calcite veins up to 1 c.m. at 30°-45°. Appears very chloritic, but unfoliated. Chlorite (15%), calcite (10%), and matrix (75%).</u>								
94.0	99.0	<u>Limestone - Dark grey limestone, fine grained, and massive, otherwise similar to 61.0 to 65.0.</u>								

244.0 - 4.7 x 100  
 = 98.1%

RECOVERY  
 244.0  
 4.7  
 98.1%

# Diamond Drill Sampling Record



Hole # E-68-2 Sheet 2

Property \_\_\_\_\_ Length \_\_\_\_\_ Lat. \_\_\_\_\_

District \_\_\_\_\_ Bearing \_\_\_\_\_ Dep. \_\_\_\_\_

Commenced \_\_\_\_\_ Dip \_\_\_\_\_ Elev. \_\_\_\_\_

Completed \_\_\_\_\_ Objective \_\_\_\_\_

Hor. Comp. \_\_\_\_\_

Etch. at \_\_\_\_\_

True Dip \_\_\_\_\_

Location \_\_\_\_\_

Ver. Comp. \_\_\_\_\_

Total Recovery % \_\_\_\_\_

Logged by \_\_\_\_\_

Footage From	To	Description	Shorts Feet	Sample No.	Length Feet	Analysis			Recovery %
						Cu	Zn	Ni	
99.0	107.5	<u>Graphitic Shale</u> - (Conductor) - Alternating light and dark laminae up to 1 c.m. wide, primarily graphitic shale with minor carbonate. These are deformed, but cut the core axis at approximately 35°. Sulphide stringers and nodules concentrated in the carbonate laminae. Graphitic shale (45%), limestone (10%), pyrrhotite (35%), pyrite (3-4%), chalcopyrite-sphalerite (1-2%).		81403C 81404C	99.0- 103.0 103.0- 107.5	0.04 0.10	1.04 0.26	0.02 0.03	
107.5	111.5	<u>Limestone</u> - Same as 94.0 - 99.0.							
111.5	217.0	<u>Andesite</u> - Same as 65.0 - 94.0.							
217.0	249.0	<u>Gabbro</u> - Medium grained, mottled green and white, and with subhedral mineral structures. Plagioclase appears unaltered, but pyroxenes (?) almost completely chloritized. Has composition similar to the andesite; no calcite veining. Contact between andesite and gabbro is gradational. End of Hole.							

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