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OMEP 1

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Enertex Developments Inc.
Halo Prospect
Cardiff Township
Southern Ontario Mining Division
Ontario
Re-Sampling 1968 Drill Cores

Date: October 31, 1988.

H. Grant Harper, P.Eng.
Economic Geologist.

Volume Label: EnertexEng
Disk No.: 2-3
Filename: B:\Tit1Pg\Re88Samp

OM88-9-C-022

Enertex Developments Inc.
Halo Prospect
Cardiff Township
Southern Ontario Mining Division
Ontario
Re-Sampling 1968 Drill Cores

Introduction

In 1968 the writer drilled several holes across the Halo uranium ore zone. The drill cores were logged, split, sampled and stored on logs laid on the ground. Each core box was tagged with a plastic marker showing the drill hole number and the drill footage contained in the core box. Because the core was stored in this manner and not in a core rack, the writer was able, 20 years later, to return to the core and re-sample the remaining split and assay it for Rare Earths. The footages for the new samples have an accuracy of 95% or better.

Procedures

Many of the core boxes were badly rotted but those in the middle of the pile (where most of the ore intersections were located) were in fairly good shape. A large spruce tree had fallen across the core and this had severely damaged some of the boxes. The drill cores were sampled in full section - that is for each ore section, that portion which had returned potentially economic values in uranium were assayed for Rare Earths.

All samples were sent to X-Ray Assay Laboratories Limited of Toronto for Rare Earth and Yttrium assays by the inductively coupled plasma mass spectrometer. Assay details may be found in the accompanying Assay Report.

Drill hole locations are shown on the accompanying map. The assay results for each drill hole are attached to a copy of the original drill log.

Altogether 5 of the 1968 drill holes were re-sampled.

Discussion of Results

The Halo uranium ore zone is different from the other "pegmatitic" and "vein dike" uranium ore zones of the Bancroft Area. In many ways the Halo Zone appears to be a very low grade sulphide zone with some introduced or re-mobilized hydrothermal material. Its uranium grade is higher than most of the uranium zones.

Only one intersection, that in DDH 68-2 contained interesting yttrium values over a significant core length. the other Rare Earth values were of no immediate interest.

Conclusions and Recommendations

1.- The results of assaying five drill holes which cut the uranium ore

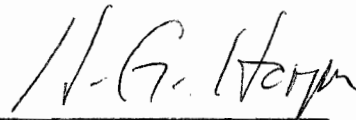
zone clearly indicate that further sampling for Rare Earths on this zone is not likely to produce potentially economic grades.

2.- No further investigation for Rare Earths on the Halo uranium ore zone is warranted at this time.

This report is respectfully submitted.

Willowdale, Ontario.
October 31, 1988

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H.G. Harper, P.Eng.





CERTIFICATE OF ANALYSIS
REPORT 6506

TO: ENERTEX DEVELOPMENTS INC
ATTN: H. GRANT HARPER
P.O. BOX 2038
20 EGLINTON AVE WEST, SUITE 404
TORONTO, ONTARIO M4R 1K8

CUSTOMER No. 552

DATE SUBMITTED
29-Aug-88

REF. FILE 2567-A3

Total Pages 2

6 ROCKS

	METHOD	DETECTION LIMIT
Y PPM	ICPMS	1.
LA PPM	ICPMS	0.1
CE PPM	ICPMS	0.1
PR PPM	ICPMS	0.1
ND PPM	ICPMS	0.1
SM PPM	ICPMS	0.1
EU PPM	ICPMS	0.05
GD PPM	ICPMS	0.1
TB PPM	ICPMS	0.1
DY PPM	ICPMS	0.1
HO PPM	ICPMS	0.05
ER PPM	ICPMS	0.1
TM PPM	ICPMS	0.1
YB PPM	ICPMS	0.1
LU PPM	ICPMS	0.05

DATE 11-OCT-88

X-RAY ASSAY LABORATORIES LIMITED

CERTIFIED BY 

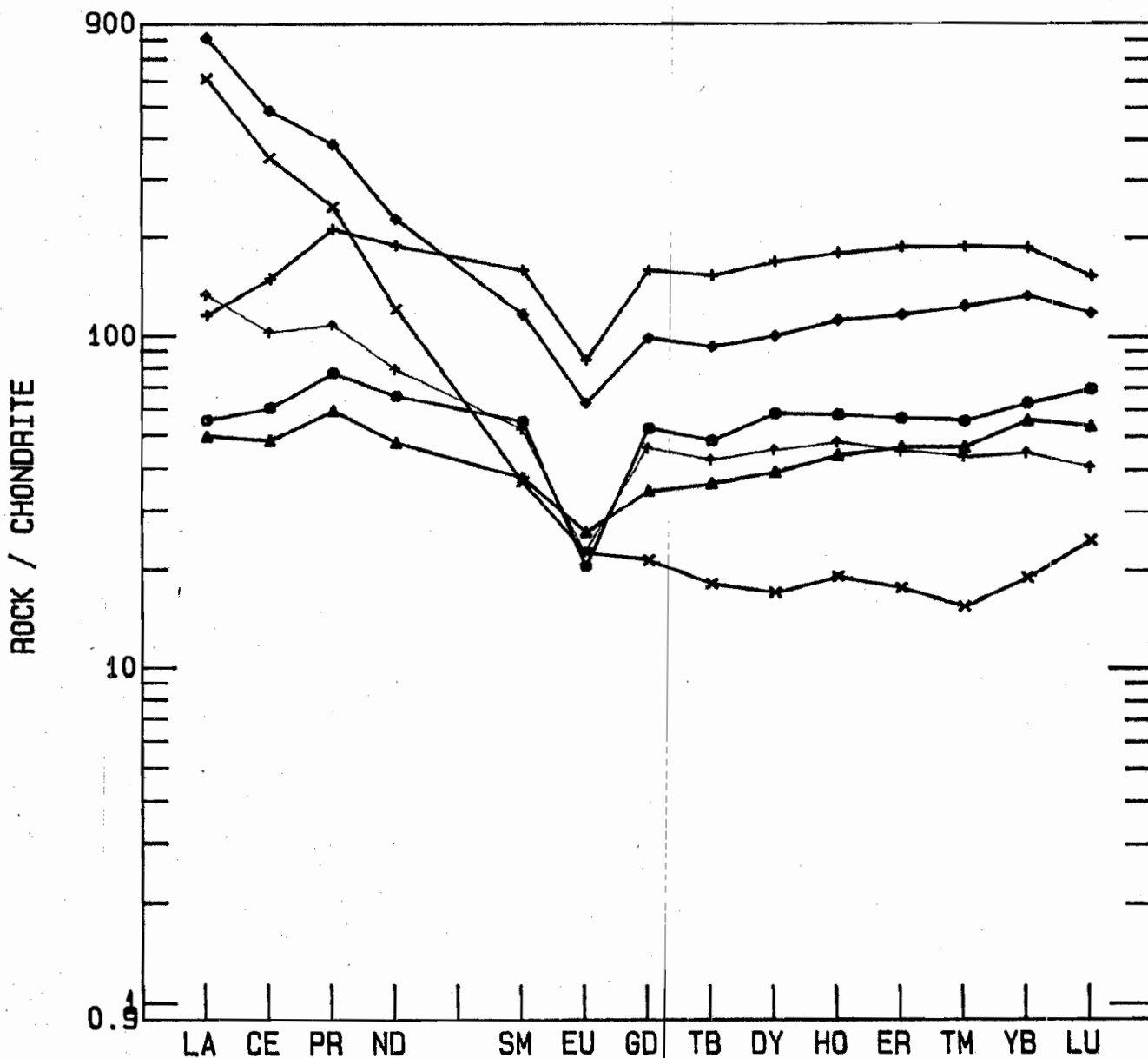
SAMPLE	Y PPM	LA PPM	CE PPM	PR PPM	ND PPM	SM PPM	EU PPM	GD PPM	
3736	99	17.7	49.7	7.8	39.7	10.7	1.50	13.8	H68-4
3737	90	15.8	39.5	6.0	28.7	7.3	1.89	9.0	H68-5
3738	333	36.9	123.	21.4	114.	30.8	6.17	41.6	H68-7
3739	36	194.	286.	25.0	72.8	7.1	1.64	5.6	H68-2
3740	221	258.	398.	38.7	137.	22.6	4.58	25.9	
3741	88	42.4	84.0	10.9	47.7	10.1	1.64	12.0	H68-3

SAMPLE	TB PPM	DY PPM	HO PPM	ER PPM	TM PPM	YB PPM	LU PPM	
3736	2.4	19.2	4.22	12.2	1.8	13.3	2.27	H68-4
3737	1.8	12.9	3.20	10.0	1.5	11.8	1.75	H68-5
3738	7.6	55.5	13.1	40.4	6.1	39.4	4.98	H68-7
3739	0.9	5.6	1.39	3.8	0.5	4.0	0.80	H68-2
3740	4.6	33.0	8.18	25.1	4.0	28.1	3.85	H68-2
3741	2.1	14.9	3.48	9.7	1.4	9.4	1.32	H68-3

X-RAY ASSAY LABORATORIES 11-OCT-88
 RARE EARTH CHONDRITE PLOTS

ENERTEX DEVELOPMENTS INC. (REF 2567)

- 3736
- ▲ 3737
- + 3738
- × 3739
- ◆ 3740
- ♦ 3741



X-RAY ASSAY LABORATORIES 11-OCT-88

ENERTEX DEVELOPMENTS INC. (REF 2567) CHONDRITE NORMALIZED VALUES

SP	LA	CE	PR	ND	SM	EU	GD	TB	DY	HO	ER	TM	YB	LU
3736	56.2	61.1	78.0	66.5	55.7	20.8	53.3	49.0	59.1	58.6	57.3	56.2	63.6	70.3
3737	50.2	48.6	60.0	48.1	38.0	26.2	34.7	36.7	39.7	44.4	46.9	46.9	56.5	54.2
3738	117.1	151.3	214.0	191.0	160.4	85.5	160.6	155.1	170.8	181.9	189.7	190.6	188.5	154.2
3739	615.9	351.8	250.0	121.9	37.0	22.7	21.6	18.4	17.2	19.3	17.8	15.6	19.1	24.8
3740	819.0	489.5	387.0	229.5	117.7	63.4	100.0	93.9	101.5	113.6	117.8	125.0	134.4	119.2
3741	134.6	103.3	109.0	79.9	52.6	22.7	46.3	42.9	45.8	48.3	45.5	43.7	45.0	40.9

CHONDRITE RARE EARTH ELEMENT FACTORS USED TO NORMALIZE THE SAMPLE DATA:

LA .315 CE .813 PR .100 ND .597 SM .192 EU .0722 GD .259
 TB .049 DY .325 HO .072 ER .213 TM .032 YB .209 LU .0323

PROPERTY: Amal. Rare Earth M.L. - Halo Property

HOLE NO. H68-2

LATITUDE: L 7 N	BEARING: N 40 E	DIP: - 45	STARTED: Sept 1/68	COMPLETED: Sept 3/68
DEPARTURE: 260' W	V.D.	H.D.	DRILLED BY: Gruleau Bros. Rouyn	
ELEVATION: 5210	LOCATION: E0 7389 - Northwest Zone			AXT
				DEPTH: 361
				LOGGED BY: Harper

FOOTAGE	T _{2B} = 200	T _{3B} = 75	SAMPLE FOOTAGES	SAMPLE No.	WIDTH FT.	% ASSAY		% DATA	
						U _{3O₈}	ThO ₂	MoS ₂	Fe
6-3	Casino								
33.2	Mica Schist - chl. mass	T _v = 200							
33	Pegmatite - Pink - Neg RA	T _v = 250							
111.2	Mica Schist - mass to part banding	T _v = 200							
	CA 45-30. Juv py								
126.3	Pegmatite - white Juv py 11% low RA	T _v = 200-300							
139	Mica Schist - mass	T _v = 200							
141.5	Sulphide Zone - 25% py MoS ₂	T _v = 400	139 - 141.5	5260	2.5	.01	.02	0.14	2.07
147	Amphibolite - garnets 5% Juv py	T _v = 200							
210	Crush Zone Juv py slt RA	T _v = 200-400							
252.5	Mica Schist + minor peg py py	T _v = 200							
259	Granite gneiss - mod RA 10% sulphid.	T _v = 300-500	255.6 - 259	5261	3.4	.02	.02	.02	2.09
265.2	Pegmatite - Syenite - ORF ZONE Purple Fluorite								
	Juv d as 1 1/2" vein T _v = 700-6200 Av 1500		259 - 265.2	5262	6.2	0.21	.05	.142 9.0	2.07
291.5	Granite Gneiss - 11% py minor peg	T _v = 400							
361	Mica Schist - garnets CA 45								
	neg ligthk sulphides	T _v = 200							
All assays by X-Ray Fluorescence method.									
END OF HOLE									
H.G. Harper									

PROPERTY: Amal. Rare Earth. M.L. - Halo Property

HOLE NO. 68-4

LATITUDE: L6N	BEARING: N40E	DIP: -45	STARTED: Sept 4/68	COMPLETED: Sept 6/68
DEPARTURE: 160W	V.D.	H.D.	DRILLED BY: Grolow Bros - ROUTH	DEPTH: 210
ELEVATION: 5210	LOCATION: E0 7389	Northwest Zone	AXT	LOGGED BY: Harpet

FOOTAGE	T ₂₁₃ = 150	T ₃₁₃ = 30-40	SAMPLE FOOTAGES	SAMPLE No.	WIDTH FT.	% ASSAY DATA %		Co Fe	Mo S ₂
						U ₃ O ₈	ThO ₂		
0-7	Casing								
33.6	Pegmatite - pink Low RA	T ₂ = 200	191-300						
50	Amphibolite - mass chl. scatt py + po								
101.3	Amphibolite - neg. sulph. chl. peg.								
102	Pegmatite - gneissic low RA	T ₂ = 200-250							
136.3	Amphibolite - mass. dioritic								
156.7	ORE ZONE - complex pegmatite								
	2" Co Fe	T ₂ = 200-700	136.7-138.9	5273	2.2	.04	Tr		3.85 Tr
		T ₂ = 3000	132.9-139.3	5274	0.4	.52	.05	} $\frac{.12}{.178}$	
		T ₂ = 200-400 Av 400	139.3-145.0	5275	5.7	.03	Tr		
		T ₂ = 300-800 Av 550	145-150.2	5276	5.8	.04	.03		
		T ₂ = 900-9000 Av 3500	150.2-152.3	5277	1.5	.39	.82		
		T ₂ = 500-1000 Av 700+	152.3-155	5278	2.7	.17	.03		
		T ₂ = 2000-5000 Av 3500	155-156.7	5279	1.7	.31	.04		Tr
165	Granite Gneiss	T ₂ = 200							
175	Amphibolite								
190	Granite Gneiss								
210	Amphibolite ± Granite Gneiss								
END OF HOLE									
All assays by X-Ray Fluorescence Method.									
H. G. Harpet									

PROPERTY: Amal. Rare Earth. M.L. Halo Property

HOLE NO. H68-5

LATITUDE: L 6 N	BEARING: N 40 E	DIP: - 45	STARTED: Sept 17/68	COMPLETED: Sept 21/68
DEPARTURE: 280 W	V.D.	H.D.	DRILLED BY: Gruleau Bros - Rouyn	DEPTH: 321
ELEVATION: 5207	LOCATION: E0 7389	Northwest Zone	AXT	LOGGED BY: Harper.

FOOTAGE	T _{2B} = 150-200	T _{3B} = 75	SAMPLE FOOTAGES	SAMPLE No.	WIDTH FT.	% ASSAY		DATA	% MUSL
						U ₂ O ₈	ThO ₂		
0-7.5	Casing								
18	Pegmatite - pink - No RA	T ₂ = 300							
50	Amphibolite - chl. mass.	T ₂ = 200							
65	Pegmatite - as above	T ₂ = 300							
74	Amphibolite - as above								
80.5	Pegmatite - as above	T ₂ = 250							
90	Amphibolite - as above								
103	Pegmatite - as above	T ₂ = 250							
125	Amphibolite - as above								
146	Amphibolite - garnets & A 45	T ₂ = 200							
155.7	Mica Schist	T ₂ = 150							
157.2	Pegmatite H. col. T ₂ = 300-800 Av 500		155.7-157.2	5280	1.5	.06	.04		
177	Amphibolite Gneiss - 171' Crush Zone								
202.5	Pegmatite - variable T ₂ = 300		184.6-189.6	5281	5.0	.01	NIL		0.01
		T ₂ = 300-700 Av. 400	189.6-194.6	5282	5.0	.04	Tr		
	Quartzite T ₂ = 300-500 Av 375		194.6-199.6	5283	5.0	.08	.02		
235	Amphibolite - mass variable sulphide content.								
247	Crush Zone - Graphite + sulphides minor RA								
268.9	Amphibolite - gneissic								
270.6	ORE SECTION T ₂ 400-600 Av 450		268.9-270.6	5284	1.7	.15	.10	} 0.196 2.9	
285.8	Granite Gneiss T ₂ = 250				15.2				
291.8	ORE SECTION T ₂ Av = 4000 Max 14000		285.8-291.8	5285	6.0	.71	.07		
321	Amphibolite Gneiss. minor granitic sections								
	END OF HOLE.								
	All Assays.								

H.G. Harper.

PROPERTY: Amal. Rare Earth M.L. - Halo Property

HOLE NO. H68-7

LATITUDE : L5N	BEARING: N40E	DIP: -45	STARTED: Sept 17/68	COMPLETED: Sept 19/68	Sheet 1 of 2
DEPARTURE: 335 N	V.D.	H.D.	DRILLED BY: Hosking D.D.Co.		DEPTH: 382
ELEVATION: 5186	LOCATION: E0 7389	North west Zone		AXT	LOGGED BY: Harper

FOOTAGE	T _{2B} = 150	T _{3B} = 70	SAMPLE FOOTAGES	SAMPLE No.	WIDTH FT.	% ASSAY		DATA	
						U _{3O2}	ThO ₂		MoS ₂
0-10	Casing								
14.5	Pegmatite - pink, cse T ₂ = 200								
38	Chlorite Zone - pegmatitic T ₂ = 170								
51	Pegmatite - lt pink - cse grain T ₂ = 250								
57	Chlorite + Epidote - Scatt. sulph.								
80	Pegmatite - pink								
97	Amphibolite - chloritic 10% sulph.								
117	Pegmatite Pink T ₂ = 200								
	C @ 112' - 3" T ₂ = 500 in pyr.								
145	Amphibolite - chloritic pegmatitic T ₂ = 200								
163	Pegmatite - pink T ₂ = 250								
201	Amphibolite - pegmatitic, dioritic T ₂ = 200								
203.5	Pegmatite - Brick red - low RA T ₂ = 200-350 Av 250								
210	Amphibolite as above								
212.5	Pegmatite - granitic & gneissic T ₂ = 250								
232.8	Amphibolite - gneissic								
249	Pegmatite - brick red - low RA								
	T ₂ = 200 - 400 Av 300		232.8-237.7	5289	4.9	.04	.02		Tr
	T ₂ = 400 - 800 Av 500		237.7 - 243.8	5290	6.1	.09	.04	} 11.0%	Tr
	T ₂ = 400 - 1000 Av 700		243.8 - 249	5291	5.2	.12	.04		Tr
257.8	Amphibolite Gneiss								
259.6	Pegmatite - Brick red Crush T ₂ = 450-3000 Av 1000		257.8 - 259.6	5292	1.8	.21	.14		.01
(282.5	Amphibolite - gneissic CA 70 garnets T ₂ = 200								
305	Crush Zone - Sulphider, Graphite minor peg 3" @ T ₂ = 300 + brick top								

PROPERTY:

- Halo Property

HOLE NO. H68-7
Sheet 2 of 2
DEPTH:
LOGGED BY:

LATITUDE :	BEARING:	DIP:	STARTED:	COMPLETED:
DEPARTURE:	V.D.	H.D.	DRILLED BY:	
ELEVATION:	LOCATION:			

FOOTAGE	DESCRIPTION	SAMPLE FOOTAGES	SAMPLE No.	WIDTH FT.	% ASSAY DATA			
					U ₂ O ₇ XThO ₂			M.S.V.
305-317.4	Amphibolite - Micro Schist							
	Pegmatite - med. gr. Bristled. scatt. sulph.							
	T _v = 700 - 2000 Av 1200	317.4 - 320	5293	2.6	.16	.08	.153 6.6	.01
	T _v = 1500 - 4000 Av 2000	320 - 324	5294	4.0	.15	.30		.03
346.7	Amphibolite + Granite gneiss - narrow low RA							
368.4	Peg. ORE ZONE - variable							
	T _v = 300 - 400 low RA	346.7 - 352.1	5295	5.4	.03	Tr	.193 11.5	.05
	Tr Ca Fe very high R.A.	352.1 - 358.9	5296	6.8	.25	.03		.07
	strong R.A.	358.9 - 361.5	5297	2.6	Tr	NI		.104
		361.5 - 363.6	5298	2.1	.25	.03		.15
		363.6 - 368.4	5299	4.8	Tr	Tr		.104
382	Amphibolite + Granite Gneiss - no sulphides							
	End of Hole.							
	Assays by X-Ray Fluorescence.							

Amal. Rare Earth M.L. - Halo Property - Northwest Zone - Intersections H 68 Series

DDH #	Footage		Core Length Feet.	Av. Grade % U ₃ O ₈	Remarks
	From	To			
H68-1	—	—	—	—	Beneath Plunge. of Main Ore Zone
H68-2	255.6	265.2	9.6	0.142	Main Ore Zone
H68-3	65.0	75.0	10.0	0.156	A hanging wall dike. Above Plunge. of Main Cu Zone.
H68-4	132.9	156.7	17.8	0.122	Main Ore Zone
H68-5	129.6	199.6	10.0	0.06	A hanging wall dike } MAIN ORE ZONE - split by 15.2' low grade Av = 0.197 across 22.9 feet.
	268.9	270.6	1.7	0.15	
	285.8	291.8	6.0	0.71	
H68-6	171.3	175	1.7	0.07	A hanging wall dike Beneath Plunge of Main Ore Zone
H68-7	237.7	249	11.3	0.103	A hanging wall dike
	257.8	259.6	1.8	0.21	" " " "
	317.4	324.	6.6	0.153	" " " "
	352.1	363.6	11.5	0.193	MAIN ORE ZONE
H68-8					BENEATH THE ORE PLUNGE
H68-9	390.7	402.6	11.9	0.307	} Main Zone with gneissic horse (Also 2 marginal grade low zones)
	462.6	415.3	10.0	0.083	
H68-10	392	395.9	3.9	0.147	} Main Zone with gneissic horse (Average of 2 zones = $\frac{0.07\%}{12.6}$)
	405	410.6	5.6	0.13	
H68-11	570.6	572.8	2.2	0.21	Almost beneath plunge of ore body
H68-12					Hole abandoned at 300' due to ore wall beneath plunge.
H68-13					Abandoned at 300' due to ore cave.
H68-14					

