Geological Summary

FRH - 1

0 - 55 - Overburden
75 - sericite schist
125x- Massive sulphides
155 - graphite schist
420 - Quartz sericite schist

End

FRH - 2

0 - 30 - Overburden
45 - Quartz sericite schist
110 - Quartz feldspar porphyry - altered
145 - Quartz sericite schist
170 - " " " - very rusty
190 - xx%xxxxxxx%xxxxxxx%xxx(Brown biotite)Hornfels)
210 - Sulphide zone
410 - Quartz sericite schist
420 - Hornfels - brown biotite
495 - Quartz sericite schist

End

FRH - 3

0 - 70 - Overburden
110 - Quartz sericite schist
130 - Diorite
170 - Quartz sericite schist
175 - chlorite
285 - Quartz sericite schist
405 - Massive sulphides
420 - Quartz sericite schist
425 - Massive sulphides

End

FRH - 5

0 - 24 - Overburden
30 - Rusty sericite schist
40 - Quartz sericite schist
61 60 - Mxxxixw sulphide zone
85 - Quartz sericite schist
110 - sulphide zone
115 - " " with increase in chalcopyrite
160 - sericite schist
230 - Quartz sericite schist

End

Summary Rotary Drill Hole FRH - 4

0 - 35 - Overburden

75 - Sericite Schist (possibility highly altered quartz - feldspar porphyry)

120 - Massive sulphides (75 - 120 4.37 % pb, 6.50% zn)

375 - Quartz - sericite schist

End

Summary Rotary Drill hole FRH - 9

0 - 16 - Overburden

200 - Quartz - sericite schist

230 - Massive sulphides (greater than 50% reported) sulphides in core

~~280~~ 295 - " " (230 - ~~280~~ 295 0.92% PB, 4.42% zn)

390 - Quartz - sericite schist

End

Summary Rotary Drill Hole FRH - 10

0 - 10 - overburden

100 - Hornfels, brown biotite banded phase

280 - Quartz - sericite schist, chloritized

340 - Mostly massive sulphides reported (280 - 340 2.72% Pb, 4.50% zn)

475 - Quartz - sericite schist

End

Geological Summary

D. D. Hole 65 - 6

0 - 76 - Overburden
86 - Quartz feldspar porphyry
119 - Hornfels (B) (B)
161 - " A
185 - " D
205 - " B
221 - " A
244 - 252 " B
252 - " A
274 - " B
284 - sericite schist
480 - Massive sulphides
520 - Hornfels (B)
586 - " A

End

FRH - 6

0 - 45 - Overburden
95 - Sericite schist
150 - Quartz sericite schist
185 - Massive sulphides
195 - Quartz sericite schist
215 - sulphide zone
315 - Sericite schist

End

FRH - 7

0 - 40 Overburden
155 - Hornfels
475 - Quartz sericite schist
485 - sulphide zone
515 - Quartz feldspar porphyry ?

End

FRH - 8

0 - 75 - Overburden
135 - Quartz sericite schist
245 - Hornfels with weak sulphide mineralization (note on sectim
325 - Hornfels
415 - Quartz sericte schist
475 - " " "

Geological Summary

FRH- 11

There is no log of this hole to my knowledge - D. W. Tully

FRH - 12

0 - 30 - Overburden
80 - Quartz sericite schist
110 - Hornfels(B) Greenstone
220 - Hornfels(B)(note small amount pyrite on section)

End

FRH - 13

0 - 55 - Overburden
270 - Hornfels

End

Summary Rotary Drill Hole FRH - 14

0. - 35 - Overburden

125 - Quartz - sericite schist

135 - Quartz (135 - 245 reported to be assayed but results not known

515 - Quartz - sericite schist to D. W. Tully Oct 27/6

End

Summary Rotary Drill Hole FRH - 15

0 - 20 - Overburden

170 - Hornfels, brown biotite banded phase ?

350 - Sericite schist

End

Summary Rotary Drill Hole FRH - 16

0 - 40 - overburden

70 - Quartz sericite schist

130 - Reported to be mostly massive sulphides
(70 - 130 2.8% Pb, 4.3% zn)

ASSAY RESULTS FRH 1

Ftg.	Au.	Ag.	Pb.	Zn.	Cu.	Pb.+ Zn.		Ag./Pb.
75 - 80	.04	1.16	2.4	4.3	.07	6.7	33.5	
80 - 85	.02	1.72	3.6	4.3	.07	7.9	39.5	.48
85 - 90	.01	1.80	4.3	5.2	.07	9.5	47.5	.42
90 - 95	.02	2.38	4.7	5.1	.07	9.8	49.0	.51
95 - 100	.03	2.38	3.2	5.2	.07	8.4	42.0	.74
100 - 105	.01	1.90	2.3	3.9	.15	6.2	31.0	.83
105 - 110	.02	.92	.6	2.2	.07	2.8	14.0	1.53
110 - 115	.01	1.96	4.7	6.0	tr	10.7	53.5	.42
115 - 120	.02	1.64	4.2	6.0	tr	10.2	51.0	.39
120 - 125	.01	1.66	3.4	4.7	.15	8.1	40.5	.49
125 - 130	.02	.94	1.8	2.5	.01	4.3	21.5	.52
130 - 135	.01	.70	1.4	2.7	tr	4.1	20.5	.50
135 - 140	.02	.58	1.2	2.3	.03	3.5	17.5	.48
140 - 145	.02	.62	1.1	2.3	.03	3.4	17.0	.56
145 - 150	.01	.34	.6	.8	tr	1.4	7.0	.57
							485.0	

Combined Pb-Zn from 75'-150' is 6.48%.

ASSAY RESULTS FRH 2

Ftg.	Au	Ag.	Pb.	Zn.	Cu	Pb+Zn	
200 - 205	.01	.40	1.1	.1	.03	2.1	10.5
205 - 210	.01	.60	1.8	7.2?	tr	9.0	45.0
200 - 215		12.3	36.6	.1	.03		55.5
panning							

Combined Pb-Zn from 200'-210' is 5.55%

ASSAY RESULTS FRH 3

Ftg.	Au.	Ag.	Pb.	Zn.	Cu.	Pb. + Zn.
255 - 260	tr	.20	0.1	0.1	tr	0.2
260 - 265	tr	.50	0.6	0.5	tr	1.1
265 - 270	tr	.06	0.2	0.2	tr	0.4
270 - 275	tr	.24	0.1	0.1	tr	0.2
275 - 280	.01	.30	0.1	0.2	tr	0.3
280 - 285	.01	.24	0.2	1.3	.12	1.5
285 - 290	.02	.52	1.2	1.6	.11	2.8
290 - 295	.02	1.24	1.6	2.3	.12	3.9
295 - 300	.02	1.36	1.0	1.7	.17	2.7
300 - 305	.02	.94	0.5	1.2	.11	1.7
305 - 310	.08	.72	0.6	1.1	.10	1.7
310 - 315	.10	1.24	2.7	3.7	.05	6.4
315 - 320	.03	.94	2.2	2.7	.10	4.9
320 - 325	.05	.74	1.3	1.8	.10	3.1
325 - 330	.04	.60	1.4	1.5	.06	2.9
330 - 335	.02	.42	0.7	1.3	.01	2.0
335 - 340	.40	.50	0.5	1.0	0.2	1.5
340 - 345	.005	.32	0.4	0.2	0.2	0.6
345 - 350	.04	.28	.5	.7	.2	1.2
350 - 355	.08	1.64	2.6	5.4	.05	8.0
355 - 360	.005	.20	1.4	1.9	.01	3.3
360 - 365	.005	.62	1.2	1.5	.01	2.7
365 - 370	.005	.60	1.3	2.9	.05	4.2
370 - 375	tr	.50	1.1	2.3	.05	3.4
375 - 380	tr	.30	1.4	1.7	.07	3.1
380 - 385	.005	.64	2.2	3.4	.10	5.6
385 - 390	.005	.72	3.0	5.1	.17	8.1
390 - 395	.01	.50	1.4	2.8	.10	4.2
395 - 400	.005	.72	1.8	2.3	.05	4.1
400 - 405	.01	.34	.7	2.4	.07	3.1
405 - 410	.01	.28	0.4	1.0	.22	1.4
410 - 415	.005	.38	0.6	1.3	.15	1.9
415 - 420	.005	.24	.1	.2	tr	.3
420 - 425	tr	.40	1.8	3.0	tr	4.8

Combined lead - zinc from 255 - 425 (170') is 2.67

ASSAY RESULTS FRH 4

Ftg.	Au	Ag	Pb.	Zn.	Cu	Pb + Zn
75 - 80	tr	1.94	3.5	4.6	.12	8.1
80 - 85	tr	2.14	5.8	8.1	.10	13.9
85 - 90	tr	1.80	3.4	4.8	.10	8.2
90 - 95	tr	1.74	3.0	7.7	.07	10.7
95 - 100	tr	1.98	4.6	7.8	.07	12.4
100 - 105	##.005	2.74	5.9	7.6	.15	13.5
105 - 110	.005	2.78	4.9	6.3	.12	11.2
110 - 115	.005	2.92	5.2	6.9	.15	12.1
115 - 120	tr	1.81	3.0	4.7	.10	7.7
120 - 125	tr	.76	0.7	1.9	tr	2.6

[illegible]

Combined lead - zinc from 75 to 120 (45') is 10.9

DATE Aug 5th 1965
FILE NO. 2300-13

ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE

P.O. BOX 346. WHITEHORSE. YUKON

RECEIVED FROM Dynasty Explorations Ltd.,

SAMPLE NO.	GOLD Oz. Per Ton	SILVER Oz Per Ton	Lead	Zinc	Copper	Pb+Zn.		
F.R.H #6								
125-140	.005	.70	0.2	0.3	Trace			
150-160	.005	1.66	1.6	5.3	.07	6.9	69.0	
160-170	.005	.68	3.1	5.7	.10	8.8	88.0	
170-180	Trace	.60	2.0	4.9	.07	6.9	69.0	
180-185	"	.54	0.5	3.5	Trace	4.0	20.0	
185-195	.005	.44	1.6	2.5	.02	4.1	41.0	
195-205	Trace	.30	1.1	3.5	.05	4.6	46.0	
205-215	"	.20	1.1	2.5	Trace	3.6	36.0	
215-225	.005	.60	0.6	2.2	.02	2.8	28.0	
225-235	Trace	.26	0.1	1.3	.02	1.4	14.0	
235-245	"	.73	0.6	1.6	.02	2.2	22.0	
245-255	Trace	.54	Trace	0.3	Trace			433.0
255-260	Trace	.56	Trace	0.4	Trace			

Combined Pb-Zn from 150' - 245' is 4.56%.

ASSAYER [signature]

DATE Aug 5th 1965
FILE NO. 2294-9

ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE

P.O. BOX 346. WHITEHORSE. YUKON

RECEIVED FROM Dynasty Explorations Ltd.,

SAMPLE NO.	GOLD Oz. Per Ton	SILVER Oz Per Ton	Lead	Zinc	Copper	Pb+Zn.	
F.R.H #5							
40-60	Trace	1.50	2.8	6.5	.07	9.3	186.0
60-70	"	.96	0.7	3.0	.05	3.7	37.0
75-85	"	.32	0.3	1.0	Trace	1.3	13.0
85-95	"	.66	0.1	2.0	.02	2.1	21.0
95-105	.005	.30	0.4	2.6	.02	3.0	30.0
105-110	Trace	.44	0.2	1.5	Trace	1.7	8.5
110-115	"	.50	0.1	0.7	"		295.5
115-120	.005	.66	Trace	0.2	"		
120-130	Trace	.24	0.1	0.2	"		

Combined Pb-Zn from 40' - 70' is 7.44%.
75' - 110' is 2.07%.

ASSAYER [signature]

DATE Aug. 13, 1965
FILE NO. 2345-22-FRH-9

ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE

P.O. BOX 346. WHITEHORSE. YUKON

RECEIVED FROM Dynasty Explorations

SAMPLE NO.	GOLD Oz. Per Ton	SILVER Oz Per Ton	Lead	Zinc	Copper	Pb+Zn.		
DDH 9 100-110	Tr	.25	.1	.2	.06			
110-120	.02	1.20	.8	2.8	.17	3.6	36.0	
120-130	.01	1.48	.7	1.6	.25	2.3	23.0	
230-240	.005	1.62	.5	2.5	.13	3.0	30.0	
240-250	.005	1.38	.6	4.4	.05	5.0	50.0	
250-260	Tr	.94	.5	3.9	.07	4.4	44.0	
260-270	.01	.70	1.4	7.6	.07	9.0	90.0	
270-280	.005	.62	1.6	3.7	.09	5.3	53.0	
280-290	.005	.58	.7	2.0	.10	2.7	27.0	
290-300	.005	.64	.2	.6	.05		353.0	
					.08			
					50			
Combined	Pb+Zn	from	5.34 / 50'					
			110' - 130'	is	2.95%.			
			230' - 290'	is	4.90%.			

ASSAYER [signature]

DATE Aug 5th 1965
FILE NO. 2306-4

ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE

P.O. BOX 346. WHITEHORSE. YUKON

RECEIVED FROM Dynasty Explorations Ltd.,

SAMPLE NO.	GOLD Oz. Per Ton	SILVER Oz Per Ton	Lead	Zinc	Copper			
DDH #7								
475-485	Trace	.20	0.2	0.4	Trace			
485-495	Trace	Trace	0.6	2.1	.01			
495-505	Trace	Trace	0.1	0.5	.02			
505-517	.005	.24	0.1	0.7	.15			

ASSAYER _____

DATE Aug. 13, 1965
FILE NO. 2345-22-~~FIR~~-9

ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE

P.O. BOX 346. WHITEHORSE. YUKON

RECEIVED FROM Tyranty Explorations

SAMPLE NO.	GOLD Oz. PER TON	SILVER Oz PER TON	Lead	Zinc	Copper	Pb+Zn.		
FR-9 100-110	Tr	.2~~3~~	.1	.2	.06			
110-120	.02	1.~~30~~	.~~8~~	2.~~8~~	.17			
120-130	.01	1.4~~8~~	.7	1.6	.25			
230-240	.005	1.~~82~~	.5	2.5	.13			
240-250	.005	1.~~38~~	.6	4.4	.05			
250-260	Tr	.~~94~~	.5	3.9	.07			
260-270	.01	.70	1.4	7.~~6~~	.07			
270-280	.005	.~~82~~	1.~~6~~	3.7	.09			
280-290	.005	.~~58~~	.7	2.0	.10			
290-300	.005	.~~64~~	.2	.~~6~~	.05			
					.08			
			5.34	/ 50'	50			

ASSAYER Geo. Hoadley

DATE Aug 5th 1965
FILE NO. 2306-4

ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE

P.O. BOX 346. WHITEHORSE. YUKON

RECEIVED FROM Tyranty Explorations Ltd..

SAMPLE NO.	GOLD Oz. PER TON	SILVER Oz PER TON	Lead	Zinc	Copper			
F.R.#7								
475-485	Trace	.20	0.2	0.4	Trace			
485-495	Trace	Trace	0.6	2.1	.01			
495-505	Trace	Trace	0.1	0.5	.02			
505-517	.005	.24	0.1	0.7	.15			

ASSAYER _____

DATE Aug.13,1965
FILE NO. 2345-22-FRH-10

ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE

P.O. BOX 346. WHITEHORSE. YUKON

RECEIVED FROM Dynasty Explorations

SAMPLE NO.	GOLD Oz. Per Ton	SILVER Oz Per Ton	Lead	Zinc	Copper	Pb+Zn.		
FRH 10 280-290	.005	1.90	4.8	4.6	.13	9.4	94.0	
290-300	Tr		1.5	3.4	.11	4.9	49.0	
300-310	.005	1.10	1.3	4.6	.05	5.9	59.0	
310-320	.005	1.20	3.0	4.5	.07	7.5	75.0	
320-330	.005	1.96	3.6	5.9	.12	9.5	95.0	
330-340	.005	1.18	2.1	4.0	.10	6.1	61.0	
340-350	.02	1.34	1.9	3.0	.10	4.9	49.0	
350-360	.005	1.34	1.5	2.3	.12	3.8	38.0	
360-370	Tr	.94	1.1	2.0	.06	3.1	31.0	
370-380	Tr	.88	1.2	2.0	.05	3.2	32.0	
380-390	Tr	.92	1.7	2.3	.05	4.0	40.0	
390-400	Tr	.36	1.6	1.4	Tr		623.0	
Checking 290-300 silver			7.36/50'		.09/50			

Combined Pb+Zn from 280'-390' is 5.66%.

110'

ASSAYER Geo. Spalding

DATE Sept 21st 1965
FILE NO. 2465-10

ASSAY CERTIFICATE

WHITEHORSE ASSAY OFFICE

P.O. BOX 346. WHITEHORSE. YUKON

RECEIVED FROM Dynasty Explorations Ltd.,

SAMPLE NO.	GOLD Oz. Per Ton	SILVER Oz Per Ton	Lead	Zinc	Copper	Pb+Zn.		
F.R.H. 16								
70-80	.005	.76	1.6	3.2	.01	4.7	47.0	
80-90	Trace	2.08	4.3	5.7	.07	10.0	100.0	
90-100	.005	.82	2.5	3.4	.01	4.9	49.0	
100-110	Trace	.96	3.9	6.0	.16	9.6	96.0	
110-120	"	.66	3.3	4.5	[illegible]	7.8	78.0	
120-130	Trace	1.20	2.5	3.1	.07	5.6	56.0	
130-140	"	.82	1.2	1.3	.03	2.5	25.0	
140-150	.005	.80	1.2	2.8	.07	4.0	40.0	
150-160	.01	.64	0.7	2.3	.07	3.0	30.0	
160-170	Trace	.60	0.7	2.3	.01	3.0	30.0	
							551.0	

Combined Pb+Zn from 70'-170' is 5.51%.

100'

Return to:
CYPRUS MINES CORPORATION
523 West 6th Street
Los Angeles, California 90014

Place: _____

Date: _____

In consideration of my employment by CYPRUS MINES CORPORATION (the "Company") I agree that:

1. All knowledge, developments, discoveries, designs, ideas, inventions (including improvements) products and processes resulting directly or indirectly from my employment shall belong wholly to the Company.

2. I will promptly communicate to my immediate supervisor or to an officer of the Company all matters within the scope of Paragraph 1 above.

3. Upon request I will from time to time execute such papers as may be appropriate to transfer to the Company -- or to confirm its ownership of -- all matters within the scope of Paragraph 1 above.

4. Upon request I will from time to time at the Company's expense (i) execute papers for use in applying for and obtaining letters patent in the United States and elsewhere, (ii) execute assignments to the Company or its nominees of all patent applications and patents covered by Paragraph 1 above in which I have any interest and (iii) assist the Company in every lawful way to obtain and defend such patents.

5. I will not either during or following any termination of my employment disclose to any person or entity (unless with the Company's consent) (i) information with reference to matters belonging to the Company pursuant to Paragraph 1 above, (ii) trade secrets of the Company, (iii) any data of the Company with reference to its exploration or other activities or (iv) any information not publicly known with reference to the Company's business, research or exploration projects or its plans for acquisitions or divestments.

NORTHWEST EXPEDITING
AND
COMMUNICATIONS CO. LTD.

P.O. Box 1085
Whitehorse, Yukon
Telex 049850
Telephone 668-2858

FRH #I6

	ZN	PB	CW	AG	AU
70-80	3.2	I.5	.0I	.76	.005
80-90	5.7	4.3	.07	2.08	TR
90-I00	3.4	I.5	.0I	.82	.005
I00-II0	6.0	3.9	.I6	.96	TR
II0-I20	4.5	3.3	TR	.68	TR
I20-I30	3.I	2.5	.07	I.20	TR
I30-I40	I.3	I.2	.03	.82	TR
I40-I50	2.8	I.2	.07	.8	.005
I50-I60	2.3	0.7	.07	.64	.0I
I60-I70	2.3	0.7	.0I	.60	TR

6/259 = 4.3%

6/170 = 2.8

ROTARY DRILL RESULTS FRM 1

0 - 55 O/B

55 - 75 altered sericite schist, neglible sulphides

75 - 105 massiv e sulphides; Sp+ga+minor chalcopyrite= 15-20%

105 - 110 50% S in quartzose sericite schist;

110 - 125 massive sulphides; Sp+ga= 15-20%

125 - 155 graphite schist with S% decr from 50@125 to 10@155
Sp+Ga=5-10%

155 - 215 Quartzose sericite schist, secondary quartz 160 - 180;
5% or less S with minor galena, sphalerite

215 - 235 ditto, but 20% S. with 1-3% Sp+ga

235 - 250 quartzose sericite schist with S%decr from 10 to less than 5

250 - 260 ditto, 10% S., minor sp

260 - 420 variations of sericite schist with 360 - 390 largely
altered (lighter, quartz - sericite), neglible S.

Samples for assay:

Magnetic material content throughout is negligble.
An increase in graphite content coincides with a relative increase in galena apparently.

Combined Pb+Zn from 75'-150' is 6.48%.

ROTARY DRILL RESULTS FRH 2

0 - 30 O/B

30 - 45 Quartz - sericite alteration - surface weathered

45 - 110 Kaolinized, quartz-feldspar porphyry; negligble metal content

110 - 135 altered schist, quartzose

135 - 145 ditto, less than 5% S.

145 - 170 Rusty quartz sericite; ## approx 5% S.; some biotite

170 - 190 Quartz, sericite, biotite (quartz is brown coloured) 5% S.

190 - 195 ditto, 40% S.

195 - 200 ditto, 20% S.

200 - 205 ditto, 50% S., Sp=2% ?

205 - 210 ditto, 20% S , Ga=2% ?

210 - 220 ditto, S% decr from 10 to less than 5

220 - ### 350 ditto, less than 5% S.; chalcanthite @ 350

350 - #20# 410 as before, but more secondary quartz (clear), some chlorite sulphides nil

420 - 420 Biotite kaolinite, quartz - probably an altered intrusive

420 - 495 altered quartz - sericite schist; sulphides nil.

Samples sent for assay:

Combined Pb+Zn from 200'-210' is 5.55%.

ROTARY DRILL RESULTS FRH 3

0 - 70	O/B
70 - 110	Quartz +sericite + bitite, negligible sulphides
110 - 130	Probably a leucocratic intrusive
130 - 170	Quartz + sericite + biotite + chlorite, neglible sulphides
170 - 175	Chlorite
175 - (220)	Quartz, sericite, kaolinite intusive, negligible sulphides
(220) - 260	Quartz + sericite + chlorite(alteration), sulphides increase to less than 5% by 255 - 260
260 - 285	Quartz, sericite, with approx. 15% S., ga.+sp.= 2%
285 - 405	Massive sulphides presented on board with sp+ga around 10%.
405 - 420	Quartz, sericite plus 40% S., possibly some barite?
420 - 425	Massive sulphides

bit broken in hole -

The assay results do not correlate with visual results, sampler error presumably.

Combined Pb+Zn from 255'-425' is 2.67%.

ROTARY DRILL RESULTS FR. 4

0 - 35 O/B

35 - 75 probably an altered and surface weathered intrusive, with negligible sulphides.

75 - 120 Massive sulphides, with pyrrhotite and pyrite equally dominating, some magnetite may be present; Sp+Ga=20% approx with sphalerite dominating slightly.

120 - 130 Quartz + sericite alteration with 20% S.

130 - 375 is generally the same, a light coloured, 'leached' looking, rock principally composed of quartz plus sericite, with some chloritization (especially from 330 to 375) (biotite is also present in this section ~~and possibly some clinozoisite~~). Texture would suggest there may be some altered intrusive in this section (particularly 270 - 295, which is followed by 5 feet of light hematite alteration)

Due to the highly magnetic property and dark colour of the magnetic material it was heretofor thought of a magnetite. Streak and hardness conclude pyrrhotite.

Samples sent for assay: 75 - 125

Combined Pb+Zn from 75'-120' is 10.9%.

ROTARY DRILL RESULTS FRH 5

24 - 30 weathered surface rock - little gossan

30 - 45 quartzose sericite schist with 5% sulphides, mostly pyrite, a littl sphalerite

45 - 50 as above with 30% sulphides, less than 5% sphalerite, galena.

50 - 60 as above, more clay alteration, with 50% sulphides, between 5 and 10% sphalerite + galena + chalcopyrite

60 - 70 highly altered material (hydrothermal), mostly hematite and quartz perhaps some intrusive, with 50% sulphides and 5 - 10% sphalerite + galena

70 - 75 altered quartzose sericite schist with 5 - 10% sulphides

75 - 85 quartzose sericite schist with 15% sulphides, perhaps 1% sphalerite + chalcopyrite

85 - 110 as above with 50% sulphides, 10 - 15% sphalerite + galena + chalcopyrite.

110 - 115 as above, with chalcopyrite % increase

115 - ~~120~~ 130 sericite schist, with 50% secondary quartz, 15% sulphides, perhaps 1 - 2% sphalerite + galena + chalcopyrite

130 - 160 highly altered (clay) sericite schist with little sulphides

160 - 230 quartzose sericite schist with sulphide content, mostly pyrite, steadily decreasing from 20% @ 165, 10% @ 185, less than 2% @ 230

Combined Pb + Zn from 40'-70' is 7.44%
75'-110' is 2.07%

Samples sent for assay:

45 - 50
50 - 60
60 - 70
75 - 85
85 - 95
95 - 105
105 - 110
110 - 115
115 - 125
125 - 130

General Notes:

All mineralization appears to replace quartz (primary or secondary).

Recovery is sometimes as low as 40%, as down to 60 ft.

60 - 70 is probably an open structured porous rock, secondary quartz is relatively c.g., rusty and black, may be the feeder.

Fairley/July 20/65

ROTARY DRILL RESULTS FRH 6

Rotary Drill

0 - 45 overburden

45 - 95 light grey sericite schist with very minor sulphides

95 - 150 quartzose sericite schist with 5% sulphides, mostly pyrite, pyrrhotite. 125 - 140 may contain up to 2% combined sulphides: galena, sphalerite, minor chalcopyrite.

150 - 160 40 % sulphides in highly quartzose sericite schist ; 10% combined galena, sphalerite.

160 - 185 massive sulphides (80%) with 15%combined sphalerite, galena, chalcopyrite.

185 - 195 quartzose sericite schist with 1 - 2% ####combined sphalerite, galena, 15% sulphides. Hematite. May be some intrusive.

195 - 200 80% sulphides, 10%combined sphalerite, galena

200 - 210 50% sulphides in quartzose sericite schist, 5% combined sphalerite, galena

210 - 215 quartzose sericite schist, 30% sulphides, 1% combined sphalerite, galena.

215 - 220 normal sericite schist with 2 - 5% sulphides

220 - 260 10 - 25% sulphides in quartzose sericite schist, 4 - 8% combined sphalerite, galena.

260 -315 normal sericite schist, some chert-like particles with around 2% sulphides decreasing with depth.

Sent for Assay

125 - 140
150 - 160
160 - 170
170 - 180
180 - 185
185 - 195
195 - 205
205 - 215
215 - 225
225 - 235
235 - 245
245 - 255
255 - 260

Notes: Though prepared samples from drill are sometimes misleading this definitely appears to be the best hole to date for combined sulphide content.

Combined Pb+Zn over 150' - 275' is 4.56% Adam J. Fairley

ROTARY DRILL RESULTS FRH 7

0 - 40 overburden

40 - 155 altered, chloritized, schist - virtually no sulphides

155 - 475 kaolinite,(montmorillonite?), quartz and apatite crystals m.g., euhedral (apatite dipyramidal, scarce prismatic). Very minor pyrite.

475 - 485 Sulphides increase to 20%, with 2 - 3 % sphalerite, minor galena, rest pyrite. Fair proportion hematite. C/R schist + secondary qtz.

485 - 515 40% intrusive
20% secondary quartz
10 - 20% altered schist
25 - 15% pyrite
5 - 3% sphalerite
1% minor galena

The intrusive may be a pegmatitic stage occurance, or a leucodiorite. Since no particles of the 40% intrusive of 485 - 515 are intergrown or connect##ed with the secondary quartz, chloritized schist, or mineralization which compose the other 60% ; and also that the intrusive of the 155 - 475 is identical and extremely incompetant ; it seems likely the 40% is dilution from upper sections.

Sent for assay:
475 - 485
485 - 495
495 - 505
505 - 515

ROTARY DRILL RESULTS FRH 8

0 - 75 O/B

75###-135 Weathered quartz-sericite schist; less than 5% S.

135 - 245 Fine grained skarn (or calc-silicate hornfels), the rock would be mottled dark green containing chlorite#, actinolite, diopside, calcite, quartz, sericite, possibly garnet, pyrite, (pyrrhotite, sphalerite, galena, magnetite in minor quantities) ; S % generally less than 5 but 235-245 probably 10.

245 - 325 c/r as above but there is an increase in the clear secondary quartz ; average S % 25 but 305-325 15%; Sp+ga+cp= 2%. A few grains of chalcanthite identified.

325 - 415 Quartz sericite schist + secondary clear quartz ; less than 5% S.

415 - 475 c/r as above, less secondary quartz; 8% S.

475 - 575 c/r as above, secondary quartz again increases ; less than 5% S,

Bromoform and Methylene Iodide were extensively used to determine the percentage sulphides. It was found that unless the sample used for determining density was fine grained then a large discrepency would result between the two liquids (ie. a large portion of the sample was between S.G. 2.868 and 3.33)

Samples sent for Assay:

ROTARY DRILLING RESULTS FRH 9

0 - 16 O/B

16 - 90 quartz - sericite alteration with little remnant schistosity
0 - 2% S.

90 - 120 25% S in same; Ga+Sp+Cp=3% ; 80 - 90 hem+specularite

120 - 200 bleached and translucent quartz+sericite; 2 - 5% S.

200 - 270 50% S. or more in same c/r as above; 250-270 are massive.

270 - 300 10% S. in same c/r Ga+Sp=4% Ga+Sp=20%?

300 - 390 less than 5% S. in white tanslucent quartz + sericite.

This highly bleached, white, tanslucent rock contains little remnant schistosity, if any - the texture appears ######## granitic in part but no accessory minerals are present. It is most likely a product of hydrothermal alteration leaving quartz, sericite, and some kaolinite. The magnetic material content constitutes up to 1-2% from 230-260 with both mag+pyrr

Samples for assay: 100 - 130 and 230 - 300

Combined Pb+Zn from 110'-130' is 2.95%
230'-290' is 4.90%

ROTARY DRILL RESULTS FRH #10

0 - 10 O/B

10 - 100 Biotite, sericite, quartzose schist ; less than 5% S.

100 - 180 Quartzose sericite schist with some minor amounts of altered actinolite; 5 - 10% S.

180 - 190 as above, chloritized ; 10% S.; minor conc. of hematite and magnetite.

190 - 220 as above, chloritized; less than 10% S.

220 - 280 Quartzose sericite schist, less than 10% S.

280 - 300 as above; 40% S.; Ga+Sp may be as high as 20%

300 - 320 massive sulphides ; pyrite conc. incr. over previous but pyrr + magnetite remains low around 2-4% ; Ga + Sp +(minor chalcopyrite)= 15%

320 - 330 70% S.; increase of pyrrhotite (+ magnetite) to approx 10%, with Sp+ga=10%

330 - 350 50% S. in quartzose sericite; pyrrhotite conc. remains high around 5-10%; Sp +ga=3%

350 - 380 Quartz + sericite (w/ralt'n?) little schistosity, less than 10% S.

380 - 410 Quartz, sericite,(biotite minor); 15 - 20% S.; Sp+ga= 3%

410 - 475 Quartz sericite schist with fair amount free secondary quartz; less than 5% S.

Samples for assay: 280 - 400

The relative concentration of galena appears to drop with the addition of pyrrhotite, magnetite.

Combined Pb+Zn from 280'-390' is 5.66%.

FRH - 11

THERE IS NO LOG TO MY KNOWLEDGE

DWD

Rotary Drill Results FRH 12

0 - 30 O/B
30 - 80 altered sericite schist (+ quartz)
80 - 110 ditto but chloritic
110 - 220 sericite schist essentially + biotite ; pyrite content increases but sulphide content still negligible.

Sulphide content was negligible throughout.

Rotary Drill Results FRH 13

0 - 55	O/B
55 - 270	Appears to be all the same type of rock, containing neglible sulphides. The mineral assemblage indicates a skarn or calc-silicate hornfels. In order of abundance, there is Sericite, quartz, calcite, chlorite and diopside.

ROTARY DRILL RESULTS FRH 13/4

0 - 35 O/B, or C horizon
35 - 85 Quartzose sericite schist + Biotite ; 5 - 10% S.
85 - 125 Quartzose sericite schist ; 60% S. (by methylene iodide)
125 - 135 Free quartz##, little schist ; 10% S.
135 - 145 Sample probably heated too much resulting in Iron sulphides becoming magnetic (largely hematite + magnetite); 40% S.
145 - 155 Quartz + sericite (less than 5% S.)
155 - 175 ditto ; 20% S.
175 - 225 ditto ; greater or equal 50% S.
225 - 245 ditto ; less than 5% S.
245 - 255 ???? 40% S. but pannings show little
255 - 445 Quartz sericite ##### schist + little biotite ; less than 5% S.
445 - 515 ditto, biotite increase ; S% increase to 5% or better.

No estimation of galena, sphalerite, etc. was done since samples have already been taken.

85 - 145 = 60'
175 - 225 = 50'

Rotary Drill Results FRH 15

Hornfels	2 - 20	Rusty "C" horizon, biotite schist with 10% pyrite
	20 - 90	Biotite schist with negligible sulphides.
	90 - 100	ditto, 5 - 10% S., mostly f.g. pyrite
	100 - 120	ditto, 15% S., ditto
	120 - 150	ditto, 10% S., ditto
	150 - 170	ditto, neglible sulphides
	170 - 350	Sericite schist, largely sericite + quartz alteration, neglible sulphides.

No assays for this Rotary Hole

Rotary Drill Results FRH 15

2 - 20	Rusty "C" horizon, biotite schist with 10% pyrite
20 - 90	Biotite schist with negligible sulphides.
90 - 100	ditto, 5 - 10% S., mostly f.g. pyrite
100 - 120	ditto, 15% S., ditto
120 - 150	ditto, 10% S., ditto
150 - 170	ditto, neglible sulphides
170 - 350	Sericite schist, largely sericite + quartz alteration, neglible sulphides.

No assays for this Rotary Hole

DON

Rotary Drill Results FRH 16

0 - 40	O/B
40 - 60	Quartzose sericite schist, 2 - 5% S., pyrite, arseno,(galer
60 - 70	ditto , 5 - 10% S., ditto
70 - 80	ditto , 10% S., ditto
80 - 90	ditto , 50% S., pyrite, sphalerite minor
90 - 100	70% sulphides, Sp + minor ga = less than 5%
100 - 120	massive sulphides, Sp + minor ga. = less than 5% Pyrite is relatively coarse grained
120 - 130	Quartzose sericite schist, 60% S.
130 - 160	ditto, negligible sulphides
160 - 190	ditto, 5% S.
190 - 210	ditto, 30% S, mostly pyrite
210 - 370	ditto, 5% S.,
370 - 420	ditto, 5 - 10% S., increase in pyrrhotite.

Combined Pb+Zn from 70'-170' is 5.51%

FORM NO. 3

ACCTLC

PHONE: TRINITY 6-4111

CABLE ADDRESS "ELDRICO"

To:

Whitehorse Assay Office

Box 348

Whitehorse, Y.T.

FILE NO. C.3-W.1-65 20011

DATE September 14, 1965

COAST ELDRIDGE

ENGINEERS & CHEMISTS LTD.

125 EAST 4TH AVE VANCOUVER 10, CANADA

that the following are the results of semi quantitative spectrographic analyses made on ... samples submitted.

SAMPLE IDENTIFICATION	Al	Sb	As	Ba	Be	Bi	B	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe
F.M.E. # 6	5.0	ND *	ND	0.5	ND	trace	trace	ND	0.3	0.003	0.002	0.02	ND	trace	matrix
7	5.0	ND	ND	0.04	trace	trace	trace	ND	1.0	0.004	0.003	0.04	ND	trace	matrix
9	4.0	ND	ND	0.5	ND	trace	trace	ND	0.2	0.002	0.004	0.06	ND	trace	matrix
10	5.0	ND	ND	0.4	ND	trace	trace	ND	0.4	0.003	0.004	0.06	ND	trace	matrix

SAMPLE IDENTIFICATION	Pb	Mg	Mn	Mo	Nb	Ni	Si	Ag	Sr	Ta	Sn	Ti	W	V	Zn
F.M.E. # 6	0.6	0.8	0.02	trace	ND	0.001	matrix	0.003	trace	ND	ND	0.4	ND	0.01	3.0
7	0.6	0.8	0.02	trace	ND	0.001	matrix	0.0002	trace	ND	ND	0.4	ND	0.02	1.0
9	0.6	0.6	0.03	trace	ND	0.001	matrix	0.006	trace	ND	ND	0.3	ND	0.007	3.0
10	0.9	1.5	0.04	trace	ND	0.002	matrix	0.01	trace	ND	ND	0.5	ND	0.007	3.0

* not detected

COAST ELDRIDGE ENGINEERS & CHEMISTS LTD.

PHONE: TRINITY 6-4111
CABLE ADDRESS "ELDRICO"

FILE NO. C.3-W.1-63 20011

DATE September 14, 1963

TO

Whitehorse Assay Office

Box 348

Whitehorse, Y.T.

COAST ELDRIDGE

ENGINEERS & CHEMISTS LTD.

125 EAST 4TH AVE VANCOUVER 10, CANADA

that the following are the results of semi quantitative spectrographic analyses made on samples submitted

SAMPLE DESIGNATION	Al	Sb	As	Ba	Be	Bi	B	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe
F.E.E. # 6	5.0	ND *	ND	0.5	ND	trace	trace	ND	0.3	0.303	0.002	0.02	ND	trace	matrix
7	5.0	ND	ND	0.05	trace	trace	trace	ND	1.0	0.304	0.003	0.04	ND	trace	matrix
9	4.0	ND	ND	0.5	ND	trace	trace	ND	0.2	0.002	0.004	0.05	ND	trace	matrix
10	5.0	ND	ND	0.4	ND	trace	trace	ND	0.4	0.003	0.004	0.06	ND	trace	matrix

SAMPLE DESIGNATION	P	Mg	Mn	Mo	Nb	Ni	Si	Ag	Sr	Ta	Sn	Ti	W	V	Zn
F.E.E. # 6	0.6	0.8	0.03	trace	ND	0.001	matrix	0.003	trace	ND	ND	0.4	ND	0.01	3.0
7	0.6	0.8	0.02	trace	ND	0.001	matrix	0.0003	trace	ND	ND	0.4	ND	0.02	1.0
9	0.6	0.4	0.03	trace	ND	0.001	matrix	0.006	trace	ND	ND	0.3	ND	0.007	3.0
10	0.8	1.5	0.04	trace	ND	0.002	matrix	0.01	trace	ND	ND	0.5	ND	0.007	3.6

* not detected

COAST ELDRIDGE ENGINEERS & CHEMISTS LTD.

SECTION
LEVEL
PROPERTY DYNASTY – FARO

ROTARY DRILL DIAMOND DRILL CORE LOG - SAMPLE RECORD

DIP 90 °
HOLE No. FRH-1 PAGE No. .....

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	ZN	CU	
0	55	Casing										
	60	HORNFELS zone + sericite + biotite										
	75	" "										
	80	Sulphides + probably graphite in minor amounts										
	125	" PB + ZN - MINOR MAGNETITE + po. 80–105										
	155	Graphitic zones with some minor pyrite										
	175	QUARTZ – SERICITE - biotite zone + sulphides + po										
	260	" = " " + increasing sulphides + po										
	305	DARK grey SILICEOUS zone - very minor										
	330	" sulphides + minor mag + po										
	360	COARSE SILICEOUS ZONE - MINOR sulph + mag + po										
	385	LIGHT quartzose HORIZON - MINOR SULPHIDES + mag + po										
	420	GREY SANDY ZONE - MINOR SULPHIDES + mag + po										
		END										

JEB. 35243 1T-6-64

SECTION
LEVEL
PROPERTY Dynasty – Faro

DIAMOND DRILL CORE LOG - SAMPLE R CORD

DIP 90°
HOLE No. FRH-4 PAGE No. .....

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	ZN	CU	
0	35	Casing										
	55	Sandy horizon - rusty										
	75	Calc - ser - schist zone	70-75 pyritized									
	90	Dark hornfels type + py - 2NS -	PBS + po + mag									
	100	— — + — + 2NS	+ mag									
	105	— — — + — — 2NS	+ PBS + mag									
	120	— — —										
	205	Light grey										
	220											
	265											
		END										

SECTION
LEVEL
PROPERTY .....

DIAMOND DRILL CORE LOG - SAMPLE R CORD

DIP 90 °
HOLE No. FRH-9 PAGE No. .....

FOOTAGE		DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS							
FROM	TO				From	To	Footage	AU	AG	ZN	CU	
0	16	Casing										
	40	Sandy horizon - Sericitic - rusty										
	50	Pink rusty zone + sparse biotite										
	70											
			100-140 - py									
			230-300 - py									

JEB. 35243 1T-6-64

SECTION
LEVEL
PROPERTY Dynasty - Faro

~~DIAMOND~~ Rotary Sludge DRILL CORE LOG - SAMPLE RECORD

DIP 90 °
HOLE No. FRH-5 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	ZN	CU	
0	24	Casing										
	40	Sandy horizon - good chips - Rusty	Some pyrite									
	60	Dark biotite - qtz - Feldspar - sericite	— —									
	70	Pink Rusty zone + biotite	— —									
	75	Sericite - schist	— —									
	105	Dark horizon + biotite	— —									
	115	— — + graphite	— —									
	140	Grey sandy horizon + qtz + flakes biotite	— —									
	150	Kaolinitized zone										
	160	Grey sandy horizon	light py									
	190	Pyritized zone	heavy py									
	205	Weakly pyritized zone	light py									
	230	Calc - Ser - schist zone	— —									
		END										

JEB. 35243 1T-6-64

SECTION
LEVEL
PROPERTY DYNASTY – FARO

ROTARY HOLE DIAMOND DRILL CORE LOG - SAMPLE R CORD

DIP 90°
HOLE No. FRH-6 PAGE No.

FOOTAGE FROM	FOOTAGE TO	DESCRIPTION	MINERALIZATION	SAMPLE No.	ASSAYS From	To	Footage	AU	AG	ZN	CU	
0	45	Casing										
	50	Savoy horizon - rusty	no pyrite									
	95	Correlate with 75-115 in FRH-5										
	150	" " 115-140 " "										
	160	" " 75-115 " "										
	185	Pyritized zone - some po + mag	heavy pyrite									
	195	Hornfels type										
	215	Pyritized zone	light pyrite									
	230	Hornfels type										
	245	Pyritized zone										
	275	Correlate with 115-140 in FRH-5										
		END										

JEB. 35243 1T-6-64