

REPORT ON DIAMOND DRILLING

WEE 12 (WEE 4 Group)
WEE 14 (WEE 3 Group)

OMINECA MINING DIVISION

93 E/11E

Latitude 53°44'
Longitude 127°06'

OWNER/OPERATOR: Hudson's Bay Oil and Gas Company Limited
AUTHOR: G. Ian Hall
WORK PERIOD: September 5-19, 1979
DATE SUBMITTED: October 19, 1979

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. **7577**

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INTRODUCTION

During the period September 5-19, 1979, two vertical holes totalling 365 m were diamond drilled (4 cm diameter) on the WEE 12 and WEE 14 claims. Hudson's Bay Oil and Gas Company Limited personnel supervised the drilling that was carried out by Phil's Drilling of Lac La Hache, British Columbia. Core from W-79-1 is in the Company's warehouse in Calgary, while core from W-79-2 is stored at Nadina Lake, 48 km northeast of the property.

LOCATION AND ACCESS

The 71 WEE claims are located at the east end of Sweeney Lake, approximately 120 road km southwest of Houston, British Columbia.

PROPERTY

Hudson's Bay Oil and Gas Company Limited owns the 71 contiguous WEE claims that were staked in 1973. Geological mapping, soil and silt sampling, IP, EM and magnetometer surveys and diamond drilling have been completed on the property since 1973.

PURPOSE

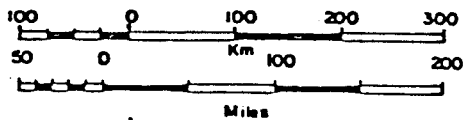
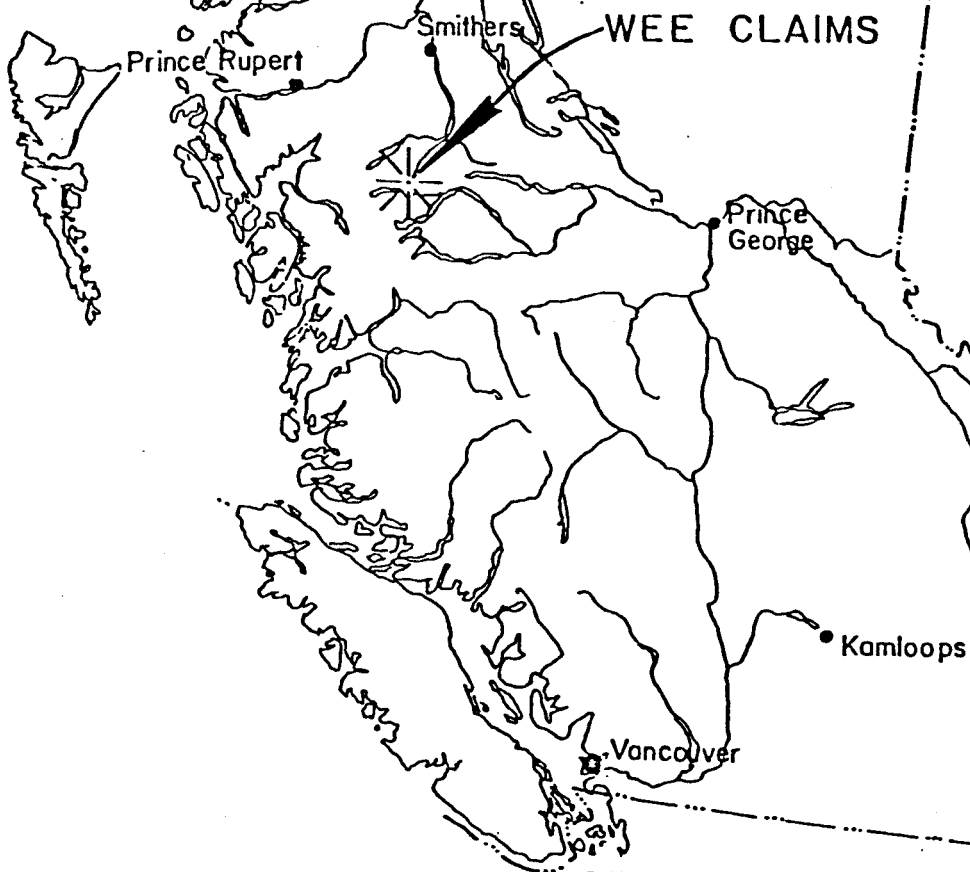
DDH W-79-1 was drilled to deepen DDH W-73-1 from 123 m to 246 m to test for continuity of the copper-bearing breccia zone discovered during the 1973 program.

DDH W-79-2 was drilled 305 m south of W-79-1 from 0-242 m to test a poorly exposed part of the property on the flanks of a large IP anomaly. Two shatter breccia bodies are exposed to the west and southwest of DDH W-79-2.

RESULTS

DDH W-79-1: This vertical diamond drill hole encountered brecciated tuffs and andesite containing patchy epidote alteration and scattered chalcopyrite/pyrite associated with calcite and quartz in interstitial fillings.

BRITISH COLUMBIA



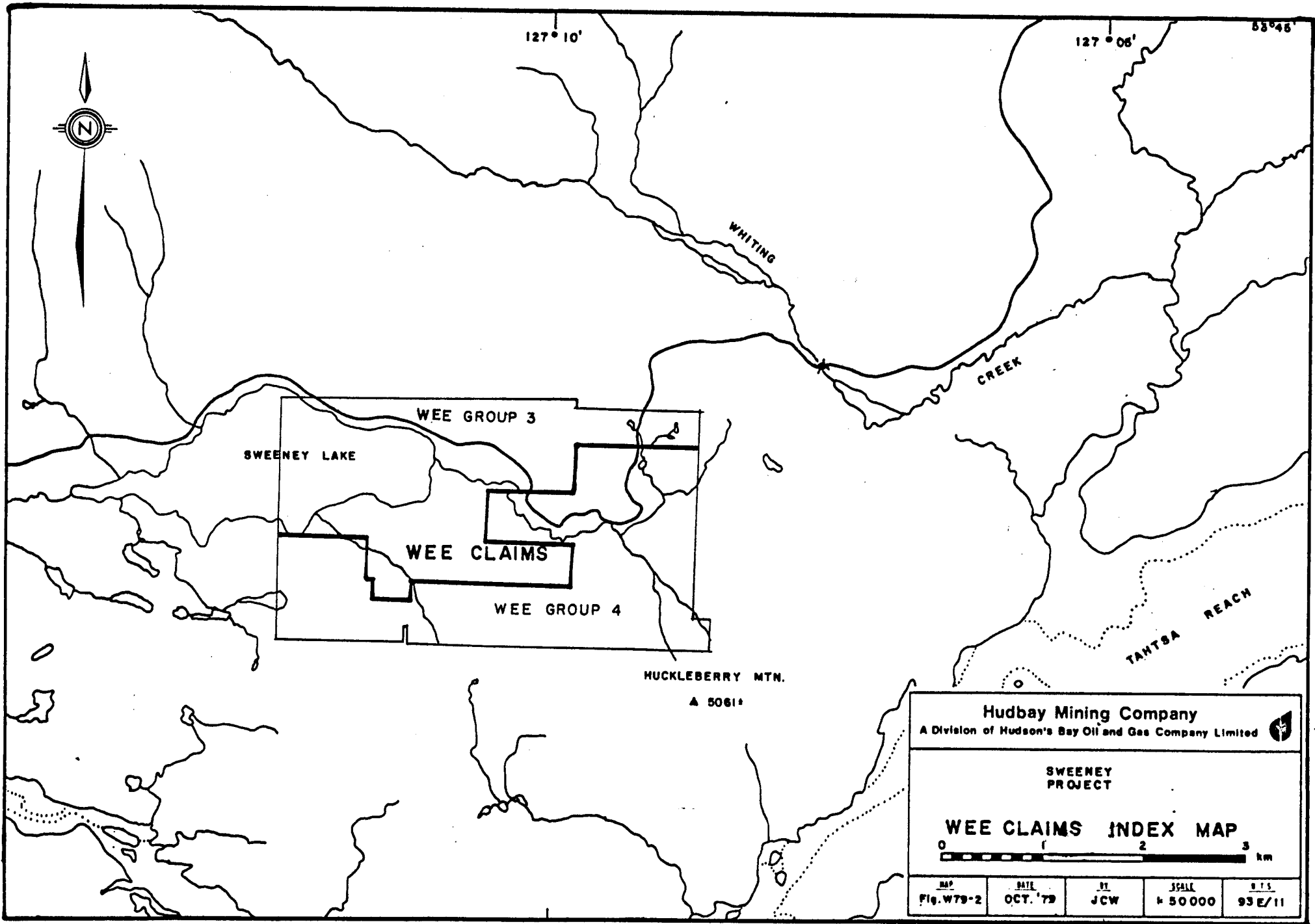
Hudson's Bay Oil and Gas Company Limited
MINERALS EXPLORATION

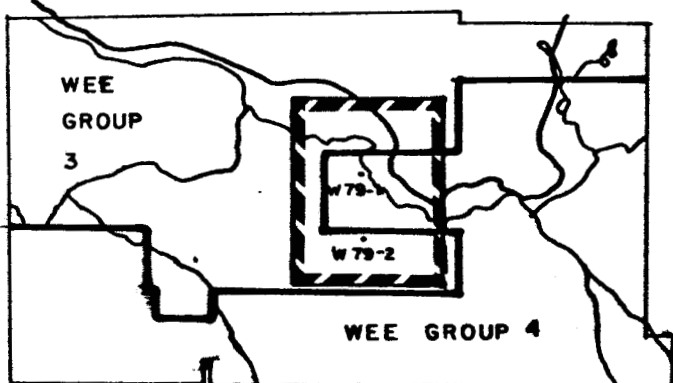
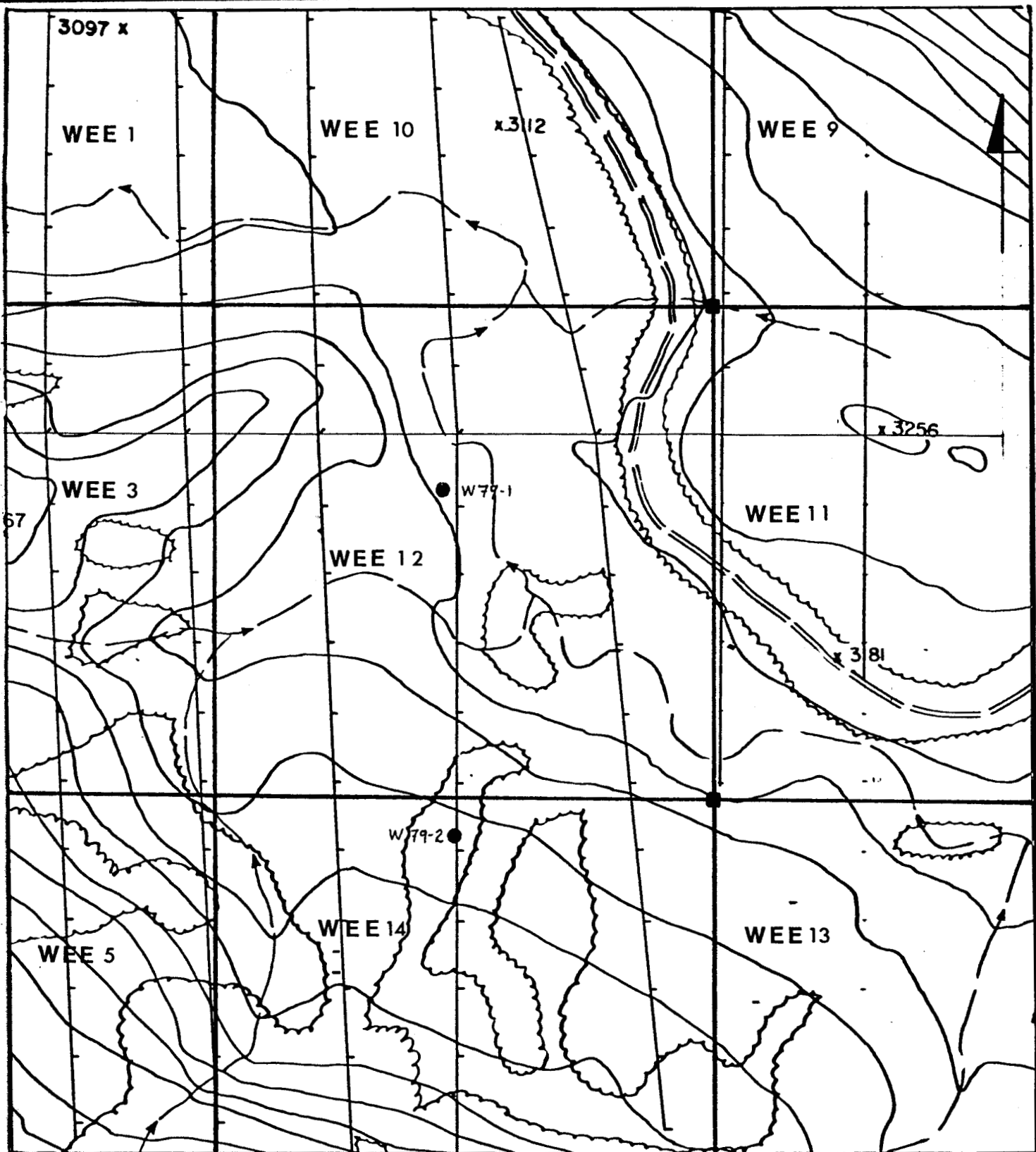


LOCATION MAP

WEE CLAIMS

MAP	DATE	BY	SCALE	N.T.S.
FIG. 1	FEB. 75	M.L.L.	1:7,600,000	





Hubday Mining Company
 A Division of Hudson's Bay Oil and Gas Company Limited

**WEE CLAIMS
 DIAMOND DRILL HOLES
 LOCATIONS-'79**

Fig. W 79-3	Sept. '79	G.I.W.	1:4800	93E/11
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DDH W-79-1 Cont'd

Analytically, the best section averaged 0.4% Cu over 18 m from 132.6 m to 149.4 m.

Complete results are shown on the drill log sheets in the appendix.

DDH W-79-2: The vertical diamond drill hole encountered porphyritic andesite underlain by lapilli tuffs. Pyrite was present along some fractures, but not in abundance. Several specks of chalcopyrite were observed in quartz veins. Epidote alteration is common throughout. None of the core was analyzed.

INTERPRETATION

The copper-bearing intrusive bodies found in earlier drilling were not encountered. Interstitial chalcopyrite in brecciated volcanics continues to a depth of 240.8 m in DDH W-79-1, but does not occur in W-79-2.

CONCLUSIONS

Additional diamond drilling is required to evaluate the potential of the mineralized breccia zone.

STATEMENT OF COSTS

Diamond Drilling, including camp, mobilization

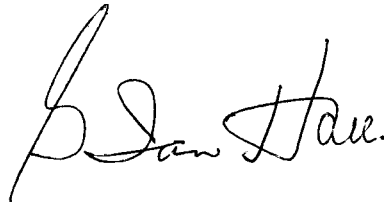
W-79-1	123 m-246 m	\$11,536.00	
W-79-2	0 m-242 m	<u>15,312.23</u>	
			\$26,848.23
Vehicle Rental	September 5-19, @ \$30		450.00
Salaries	P. Bresee, Temporary Geologist September 5-12 @ \$75/day	600.00	
	G. I. Hall, HBOG Geologist September 13-19 @ \$100/day	<u>700.00</u>	
			1,300.00
Room & Board	September 5-19, 1979 15 man days @ \$25/day		375.00
Analytical	61 rock samples @ \$6.00		366.00
Report Preparation, Drafting, Secretarial			<u>400.00</u>
TOTAL			\$29,739.23

Work recorded	WEE 3 Group	\$16,800.00	
PAC Account		57.23	
Work recorded	WEE 4 Group	\$12,800.00	
PAC Account		<u>82.00</u>	
			\$29,739.23

STATEMENT OF QUALIFICATIONS

I, G. Ian Hall, of Calgary, Alberta, do hereby certify that:

- 1) I am a graduate of Michigan Technological University, with a B.S. (Honours) degree in Geology in 1965.
- 2) I am a graduate of the University of Wisconsin-Milwaukee in 1969 with an M.S. degree in Geology.
- 3) I have been engaged in minerals exploration as a student and professional geologist since 1962.
- 4) I have been employed by Hudson's Bay Oil and Gas Company Limited since December, 1970.
- 5) I am the author of this report and I did supervise the drilling and logging of the core described in this report.



G. I. HALL
Senior Geologist

October 15, 1979
Calgary, Alberta

LOCATION:

PROPERTY: WEE Claims
Group 4

HOLE NO: W-79-1

LATITUDE: 19+30 N
DIP: -90°
AZIMUTH:
STARTED: 79-09-05
COMPLETED: 79-09-10
PURPOSE:

DEPARTURE: 27+50 E

LENGTH: 122.8 m
CORE SIZE: BQ
DIP TESTS: None

ELEVATION: 993.7 m

DRILLED BY: Phil's Diamond Drilling
DRILLED FOR: HBOG

CLAIM NO: WEE 12
SECTION:
LOGGED BY: P. Bresee
DATE LOGGED: 79-09-06

P. Bresee

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)							
from	to			from	to		Cu	Mo	Pb	Zn	Ag			
0	5.5	Overburden and casing - top 2.6 m casing removed; 2.4 m left in hole from 1973												
5.5	123.1	Hole No. W-73-1 See log G. I. Hall, November 4, 1973												
123.1	124.4	Light to dark grey (green & mauve) fragmental tuff containing sub-rounded to subangular tuffaceous andesitic fragments up to 6.4 mm Average fragment size is 1.5 mm or less; Epidote ± quartz veining 3.3 mm thick and patchy epidote common (10%); multidirectional but near vertical dominant; Moderately magnetic - no visible sulphides												
124.4	132.6	As above with less abundant epidote patches - fragments up to 2.54 cm lighter colour	W-79-1	124.4	125.3	.9	344	3	25	66	1.6			
		124.7 5.1 cm section with fine grained chalcopyrite along fracture plane 30° to core axis. Quartz interstitial filling; highly brecciated (hematic tuff fragments)												
132.6	137.2	Slightly brecciated tuff as above; Chalcopyrite less than 1% as blebs up to 3.3 mm large, unevenly distributed	W-79-2	132.6	133.5	.9	1230	8	27	54	0.7			
		Fine Grained pyritohedrons; cpy/py 1:1	W-79-3	133.5	134.4	.9	1190	20	31	72	0.9			
		132.9 near horizontal fracture with cpy	W-79-4	134.4	135.3	.9	1550	12	31	80	1.4			
		133.1 blebs of cpy	W-79-5	135.3	136.3	1	760	39	46	112	0.8			
			W-79-6	136.3	137.2	.9	3664	64	55	630	6.2			

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PROPERTY: WEE 12

HOLE NO: W-79-1

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)				
from	to			from	to		Cu	Mo	Pb	Zn	Ag
132.6	137.2	133.4 2% cpy & py (2:1) in coarse grained quartz filling 2.54 cm wide									
		133.5 1% cpy, wispy blebs; limonite (hem?) bordering quartz vein fillings									
		134.7, 135.9 3.3 mm patches of cpy									
		136.3 blebs of cpy									
		136.4 6.4 mm zone of cpy:py 2:1 80° to core axis									
		Gradational contact into more silicified section									
137.2	140.8	Siliceous tuff with some brecciation; light grey (green & purple)	W-79-7	137.2	138.1	.9	15200	10	143	600	12.3
		very fine grained well silicified non-descript fragments	W-79-8	138.1	139	.9	3470	8	22	72	1.6
		Best mineralized section cpy:py 1:1; Total sulphide averages 2%	W-79-9	139	139.9	.9	6600	31	23	74	5.4
		Coarse crystalline py up to 3.3 mm large occurs as coarse	W-79-10	139.9	140.8	.9	2890	90	80	115	2.9
		patches up to 6.4 mm filling fractures 70° to near vertical									
		137.3 10.2 cm section of 15% cpy with intermixed calcite and quartz filling oriented 70° to core axis "bedded"									
		139.3 near vertical fracture filled with cpy:pyrite (2:1); also unevenly distributed blebs (1%)									
		139.6, 139.9 cpy & py filling opening 3.3 mm-6.4 mm chlorite(?)									
		end of mineralization @ 140.5 m									
140.8	145.1	Dark (purplish) grey fine grained tuff with minor brecciation	W-79-11	140.8	141.7	.9	870	43	29	100	0.8
		minor near vertical epidote veins & patches; minor fine grained	W-79-12	141.7	142.6	.9	710	6	27	66	1.0
		pyrite ½-1% as fillings.	W-79-13	142.6	143.6	1	1280	36	27	92	1.2
			W-79-14	143.6	144.5	.9	338	12	23	88	0.5
			W-79-15	144.5	145.4	.9	290	24	24	110	0.7

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HOLE NO: W-79-1

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)				
from	to			from	to		Cu	Mo	Pb	Zn	Ag
145.1	146	Dark grey fine grained moderately siliceous tuff; minor blebby 3.3 mm @ 145.1 to 146 associated with pyrite 1:1 minimal brecciation Minor calcite veinlets @ 146 m; 70° - vertical core axis	W-79-16	145.4	146.3	.9	338	7	20	38	0.6
146	149	Highly siliceous light grey very fine grained tuff/andesite? intensity of brecciation varies throughout section; mixed quartz calcite fillings 3%. Shear zones @ 147.8, 148.4, 148.7 m. Minor epidote patches and near vertical calcite veinlets Minor pyrite and chalcopyrite total 1% (1:2) as blebby 3.3 mm patches e.g. 147.4 m fillings with quartz @ 147.8 m 148.4 m 15.2 cm section of 2-3% cpy as coarse 3.3 mm-6.4 mm blebs near graphitic shear zone.	W-79-17 W-79-18 W-79-19	146.3 147.5 148.4	147.5 148.4 149.4	1.2 .9 1.0	830 11500 1210	30 44 79	19 750 30	34 1100 65	0.6 13.3 1.3
149	154.2	Light to dark grey fine grained brecciated tuff andesite; angular to rectangular fragments up to 2.54 cm speckled light coloured andesite? fragments and darker fragments in dark green volcanic matrix Minor quartz, calcite fluorite(?) @ 152.7 m in some places Sharp Contact Minor cpy .6 mm blebs with pyrite @ 152.7 m	W-79-20	152.4	153.3	.9	22	16	25	48	n.t.
154.2	157.3	Light to dark grey fine grained tuff; minimal brecciation; fragment size about 1.5 mm ; subrounded-subangular; not mineralized Light greyish green segment between 156.7-157.3 m with pervasive epidote and more quartz-calcite matrix material.									

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PROPERTY: WEE 12

HOLE NO: W-79-1

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)					
from	to			from	to		Cu	Mo	Pb	Zn	Ag	
157.3	159.7	Dark grey very fine grained tuff?; intense epidote speckled to patchy 1-2% quartz-calcite open space fillings strongly magnetic with no visible sulphides.										
159.7	162.8	Light to dark grey fine grained tuff - little brecciation - fragment size 1.5 mm - no fracturing; 159.7-160.6 epidote spotting 3.3 mm large 10-15% remainder of section homogenous dense tuff; no visible sulphides Gradational contact										
162.8	167.3	Substantially more brecciation and quartz/calcite fillings and calcite veining calcite quartz 1-2%; subangular-angular dark coloured fragments up to 6.4 mm large average 3.3 mm; minor epidote spotting. Contact at 2.54 cm wide calcite "vein" Minor chalcopyrite as fine blebs @ 164.6 m (with fine grained pyrite) 166.1 m, 166.6 m	W-79-21	164.6	165.5	.9	2200	33	33	100	2.3	
			W-79-22	166.4	167.3	.9	650	24	23	80	1.1	
167.3	171.6	As above with more epidote spotting and epidote as matrix up to 40-50% in some sections; minor cpy with pyrite (1:1) @ 171.5 m & 170.4 m py crystals 1.5 mm large. cpy is blebby matrix filling/no quartz or calcite.	W-79-23	170.4	171.3	.9	368	12	26	66	1.0	
171.6	172.2	Dark coloured, very soft "gouge" brecciated with calcite 1-2% making up matrix; fragments of same composition as section previous.	W-79-24	171.3	172.2	.9	383	3	23	70	0.9	

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METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)				
from	to			from	to		Cu	Mo	Pb	Zn	Ag
172.2	178.6	172.2-174.7 dark grey brecciated tuff - increase in fragment size	W-79-25	172.2	173.1	.9	2480	31	22	90	2.3
		@ 173.1	W-79-26	173.1	174	.9	2750	110	23	80	2.4
		1% cpy as blebs and "strings" e.g. 172.2, 172.5, 173.7 - .3 m section	W-79-27	174	175	1.0	3050	120	45	123	2.1
		1% cpy aligned strings & void filling blebs vertical 70-80° to core	W-79-28	175	175.9	.9	1540	44	26	69	1.7
		axis (no pyrite); crystalline py @ 172.8; no cpy.	W-79-29	175.9	177.1	1.2	178	13	19	60	0.2
		.3 m section @ 174.3 with tuffaceous and volcanic? fragments	W-79-30	177.1	178	.9	950	71	49	80	0.4
		2.54-5 cm large with coarse grained quartz/calcite filling vugs									
		40% + 1% cpy + minor py blebs.									
		174.7-178.6 m highly brecciated with average fragment size 6.4-12.7 mm									
		some up to 5 cm large - very angular, rectangular, frags are dark									
		coloured? minor hematite fragments; epidote makes up matrix 40-50%									
		5% quartz/calcite									
		175.3-175.9 minor cpy (no py) as very thin near vertical fillings									
		1.5 mm wide (a few near horizontal); minor 1.5 mm blebs of cpy									
		and fine grained pyrite (1:1) at 178 m - elongate blebs 6 mm x 1.5 mm									
		matrix filling									
178.6	180.1	Dark grey very fine grained tuff; no fragments larger than 1.5 mm,	W-79-31	178.0	178.9	.9	630	18	17	102	n.d.
		moderately magnetic; only minor cpy @ 178.9 m - 3 mm bleb in	W-79-32	178.9	179.8	.9	150	9	25	65	0.4
		brecciated segment with quartz/calcite filling; 179.8 - narrow seam									
		filling									
180.1	188.4	Light-dark grey fine grained brecciated tuff/andesite (some .6-.9 m	W-79-33	179.8	180.7	.9	288	11	28	83	1.0
		sections unbrecciated); degree of brecciation variable throughout;									
		Dark purplish grey tuff fragments and speckled light grey andesite									
		fragments up to 5.08 cm large; fillings of quartz/calcite 2-3% and									

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DRILL RECORD & LOG

PROPERTY: WEE 12

HOLE NO: W-79-1

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)				
from	to			from	to		Cu	Mo	Pb	Zn	Ag
180.1	188.4	Light green chloritic volc. in some places; minor chalcopryrite in filling @ 180.4 m; minor cpy in matrix and bordering frag. (186.8 m) 188.4 m moly or graphite(?) on horizontal surface, waxy chlorite.	W-79-34	186.5	187.5	1.0	88	35	26	64	0.3
188.4	192.6	Intensely brecciated tuff/andesite with some frags as large as 10.2-12.7 cm long; tuff and volcanic frags third type of fragment with light pink spherical amygdales 3 mm large. Fragments are highly angular and calcite is predominant matrix mineral 5%	W-79-35 W-79-36	188.1 189	189 189.9	.9 .9	356 650	53 17	48 28	59 44	0.8 0.4
192.6	194.5	Dark grey-purple fine grained tuff with little or no brecciation; dense, moderate magnetic; very fine grained epidote in some places largest fragment size 1.5 mm									
194.5	196.6	Fragmental lapilli tuff/andesite with subangular to angular fragments (25%) up to 1.9 cm; fragments are dark coloured, some light green layered fragments (andesite)?; 1% sulphides; fracture plane cpy @ 196 m at 70° to core axis, and with void filling quartz and calcite 195.4 m.									
196.6	199.3	Dark greenish-grey fine grained tuff; fragments 1.5 mm; no brecciation minor calcite veining vertical & epidote patches; minor fine grained blebs (6.4 mm-12.7 mm) of cpy @ 198.1 2:1 pyrite fracture plane cpy @ 196.9 m 1%									

MINERAL RESOURCES BRANCH

ASSESSMENT DEPT.

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PROPERTY: W E 12

HOLE NO: W-79-1

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)						
from	to			from	to		Cu	Mo	Pb	Zn	Ag		
199.3	202.1	Light to dark grey highly fragmental tuff/andesite; light coloured tuffaceous fragments up to 5.08-7.62 cm large. Average 1.27-2.54 cm minor quartz/calcite void filling; matrix is light green, fine grained andesite 5%; minor epidote and calcite veining. blebby fine grained chalcopyrite with pyrite 1:1 as matrix filling @ 201.2-201.5 m; total sulphides 200.3 5%.											
202.1	210	Light to dark grey fine grained tuff; fragmental in some spots e.g. 204.8; otherwise fragment size very small 1.5 mm; epidote alteration common 10% both as veins (60°-90°) and patches; Section 206-206.7 m 30-40% epidotes; total sulphides 1% blobs of chalcopyrite and pyrite (1:1) at fragmented section @ 204.8m and quartz/calcite/feldspar in filling; 207.3-207.6 m pyrite:chalcopyrite (2:1) crystalline pyrite horizontally aligned; 202.4 fracture plane pyrite, chalcopyrite at 60° to core axis											
210	216.1	Light to dark greenish grey highly brecciated tuff/andesite, dominant fragment type 50-60% is light grey tuff; very angular up to 5.08 cm large; average size is between 6.3 mm-12.7 mm large; light green, fine grained andesitic matrix with light pink spherical silica filled amygdale in some spots; best mineralized section this hole 2-3% chalcopyrite; cpy:py (3:1) occurs as coarse blebs 1.3 mm-12.7 mm large within quartz/calcite open space filling.	W-79-37	210.3	211.2	.9	6600	80	55	110	3.8		
			W-79-38	211.2	212.1	.9	10400	43	43	124	7.0		
			W-79-39	212.1	213.1	1.0	2050	38	19	75	1.2		
			W-79-40	213.1	214	.9	8200	38	27	98	5.0		
			W-79-41	214	214.9	.9	2080	28	23	66	1.6		
			W-79-42	214.9	215.8	.9	4500	39	23	75	3.3		

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PROPERTY: WEE 12

HOLE NO: 79-W-1

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)				
from	to			from	to		Cu	Mo	Pb	Zn	Ag
216.1	223.1	Dark greenish (to mauve) grey fine grained tuff with fragments up to 1.3 mm large; interbedded .6 m section of light green andesite(?); Spotty epidote alteration with heavily, epidotized section 35% between 220.7-221.3 m; minor chalcpyrite with pyrite 2:1-3:1 @ 219.8 m as blebs and fracture plane mineralization.	W-79-43	215.8	216.7	.9	250	23	21	48	0.6
			W-79-44	216.7	217.6	.9	100	6	19	48	0.1
			W-79-45	217.6	218.5	.9	350	8	22	55	1.0
			W-79-46	218.5	219.5	1.0	920	32	18	57	0.8
			W-79-47	219.5	220.4	.9	3730	10	20	109	1.9
			W-79-48	220.4	221.3	.9	430	5	16	96	0.1
223.1	225.6	As above with heavier epidote between 223.2-223.7 m & 225.2-225.9m minor pyrite - no chalcopyrite.									
225.6	228.9	Highly fragmental (lapilli) tuff; light greenish-grey, fragments up to 1.3 mm heavy spotty epidote 228-229.2 m; blotchy pyrite 1% with minor chalcopyrite	W-79-49	227.7	228.6	.9	400	3	19	25	0.6
			W-79-50	228.6	229.5	.9	580	14	20	78	0.6
228.9	229.5	Fine grained drak grey tuff, no fragments 1.6 mm - no visible sulphides									
229.5	232.9	Highly fragmental tuff brecciated in places; interlayered .6 m section of light green andesite. Fragments(mainly tuffaceous composition) are angular and up to 5.08-7.62 cm large; matrix in some spots is light green volcanic layered fine grained chalcopyrite @ 232.6 m - patchy chalcopyrite 230.4-231 m ½% only little pyrite.	W-79-51	229.5	230.4	.9	120	10	20	54	0.4
			W-79-52	230.4	231.3	.9	900	22	28	80	0.7
			W-79-53	231.3	232.3	1.0	1060	22	23	124	0.6
			W-79-54	232.3	233.2	.9	2000	33	29	152	0.7
232.9	235.3	Light greenish-grey brecciated tuff; no fragments 1.3 mm; minor near vertical calcite veining; no visible sulphides	W-79-55	233.2	234.1	.9	320	12	25	68	1.0
			W-79-56	234.1	235	.9	480	4	28	98	0.9
		Gradational contact									

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PROPERTY: WEE 12

HOLE NO: W-79-1

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)				
from	to			from	to		Cu	Mo	Pb	Zn	Ag
235.3	240.8	Light greenish-grey brecciated tuff with minor calcite filling, epidote	W-79-57	235	235.9	.9	180	4	18	57	0.4
		patching volcanic matrix; angular volcanic & pyroclastic fragments	W-79-58	235.9	236.8	.9	80	7	15	40	0.3
		up to 6.3 mm large. Interlayered .3-.6 m sections of no brecciated	W-79-59	236.8	237.7	.9	180	5	21	49	0.6
		tuff; minor blebby chalcopryrite, no pyrite @ 239.3 m	W-79-60	237.7	238.7	1.0	1280	6	23	60	1.8
		Minor fracture plane chalcopryrite @ 241.1 m; fracture plane crystalline	W-79-61	238.7	239.6	.9	2080	30	23	70	1.4
		pyrite and minor chalcopryrite @ 238.4-239 m, 20° from vertical axis.									
		Last mineralization at 239.9 m.									
240.8	246	Light green to grey, fine grained/porphyritic andesite with needle-									
		like feldspars 1 mm and carbonate filled "amygdales".									
		.3 m section of breccia @ 243.2 m with fragments up to 3-6 mm and									
		light green epidotized matrix; no visible sulphides									
		END OF HOLE									

MINERAL RESOURCES DEVELOPMENT
 AUTHORITY
 ASSESSMENT REPORT
 NO. 7577

PROPERTY: WEE Claims, Group 3

HOLE NO: W-79-2

LOCATION:

2+83 N
 LATITUDE: (9+30 N)
 DIP: -90
 AZIMUTH:
 STARTED: 79-09-11
 COMPLETED:
 PURPOSE:

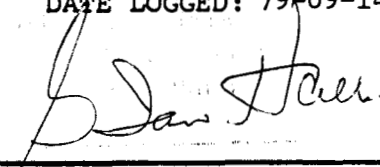
8+38 E
 DEPARTURE: (27+50 E)

LENGTH:
 CORE SIZE: BQ
 DIP TESTS: None

ELEVATION: 1000 m (3280')

DRILLED BY: Phil's Drilling
 DRILLED FOR: HBOG

CLAIM NO: WEE 14
 SECTION:
 LOGGED BY: G.I. Hall
 DATE LOGGED: 79-09-14



METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)												
from	to			from	to		Cu	Mo	Pb	Zn	Ag								
0	31.1	Overburden - casing to 23.8 m - uncased to 31.1 m																	
31.1	38.4	Massive fine grained dark grey speckled porphyritic tuff - up to 25% x 3 mm rounded feldspar phenocrysts in dark grey epidote veined matrix - wispy epidote veining increasing to 15% at 38.4 m; Trace disseminated pyrite at 31.4 m Sharp contact approximately 50° to axis																	
38.4	44.8	Very fine grained sausseritized dark grey tuff; non porphyritic up to 20% wispy epidote veinlets - approximately 30° to axis; Calcite veinlet cuts quartz veinlet; trace pyrite in 2 mm quartz vein at 41.7 m Gradational Contact																	
44.8	49.1	Very fine grained, non-porphyritic sausseritized tuff. Brecciated at 47.5 -48.2 m into 5 cm blocks. Surrounded by calcite & 1% crystalline pyrite. Trace fracture plane pyrite at 48.5 m @ 45° to axis Sharp Contact at 40° to axis																	
49.1	51.5	Sausseritized tuff - 20% crystalline calcite - vuggy in places. Up to 5% pyrite disseminated at 51.5 m. Sharp Contact - gauge																	

MINERAL RESOURCES BRANCH
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 NO. 7577

PROPERTY: WEE 14

HOLE NO: W-79-2

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)												
from	to			from	to		Cu	Mo	Pb	Zn	Ag								
51.5	58.2	Very fine grained dark grey saussuritized tuff. Trace pyrite in 3 mm calcite fractures 45° to axis;																	
		54.2-54.6 ½% pyrite along wispy veinlets 20° to axis																	
		55.2 6.3 mm pyrite at 5° to axis.																	
		Gradational Contact																	
58.2	61.3	Very fine grained green saussuritized tuff, weakly porphyritic in places 5% creamy speckled 1 mm clots. Trace chalcopyrite 59.4 m in 2 mm quartz/chlorite veinlets 10° to axis. Occasional weak brecciation surrounded by chlorite salvage.																	
		Gradational Contact																	
61.3	65.2	Porphyritic saussuritized tuff - 5% wispy epidote veinlets. Trace pyrite 40° to axis at 63.4 m																	
		Sharp Contact 35° to axis																	
65.2	66.1	Lapilli saussuritized tuff. 6 mm black, grey, purple, semi rounded tuff fragments in green/grey matrix. Trace crystalline fracture pyrite 70° to axis.																	
		Gradational Quartz veined contact 75° to axis.																	
66.1	71.6	Porphyritic dark grey to black saussuritized tuff - 5% wispy 2mm creamy speckled clots. 3 mm pyrite fractures 30° to core at about .3 m intervals.																	
		Sharp Contact 5° to axis - strongly epidotized.																	

MINERAL RESOURCES BRANCH
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PROPERTY: WEE 14

HOLE NO: W-79-2

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)							
from	to			from	to		Cu	Mo	Pb	Zn	Ag			
71.6	101.5	Lapilli tuff. Angular to sub-rounded dark grey to light grey fragments up to 3 cm - some with epidote selvages. Weakly magnetic strongly green saussuritized 80.5 m-81.1 m, 88.7-89.0 m. Pyrite minor along 3 mm fracture 45° to axis. Quartz veins 1-2 cm @ 92.0 m, 93.3 m, 93.6 m 80° to axis; Trace chalcopyrite 71.8 m in 3 mm quartz vein 30° to axis												
		Gradational Contact												
101.5	107.3	Very fine grained grey green crumbly tuff - fragmental 103.3-103.6 m Trace pyrite in 1 cm quartz vein at 102.1 m - strongly fractured.												
		Gradational Contact												
107.3	130.5	Massive dark grey to black lapilli tuff. Angular to sub-rounded purple, green, grey fragments up to 3 cm; 2 mm quartz veining 45° to axis - occasionally containing crystalline pyrite.												
		115.2 m Trace chalcopyrite with crystalline pyrite in 2 mm quartz vein.												
		128.3-218.6 Dry fractures 48° to axis												
		Gradational Contact												
130.5	146	Very fine grained dark grey to black tuff - weakly fragmental in places 6 mm quartz filled fractures with 5 mm bleached zone on each side and trace pyrite at 134, 134.4, 137, 139, 140 m												
		Gradational Contact												
146	148.4	Lapilli tuff-grey matrix containing 60% x up to 5 mm subrounded grey, purple fragments. Dry fracturing occasional @ 40° to axis - trace pyrite in one fracture.												
		Gradational Contact												

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
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PROPERTY: WEE 14

HOLE NO: W-79-2

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)							
from	to			from	to		Cu	Mo	Pb	Zn	Ag			
148.4	151.4	Very fine grained dark grey to black tuff. At 150.3 m 1 cm quartz vein with 15% pyrite 40° to axis, cutting a 2 mm pyrite filled quartz vein at 90°.												
		Gradational Contact												
151.4	153.6	Spherical lapilli tuff. 1 cm rounded dark grey fragments surrounded by 1 mm chlorite 40% in dark grey to black matrix. Trace pyrite in 2 mm quartz vein at 153.3 m												
		Gradational Contact												
153.6	172.2	Grey to green-grey tuff - strongly saussuritized at 45°. Pyrite filled 5 mm quartz vein faulted by 45° fractures, 5% disseminated pyrite at 157.3-157.6.												
		Lapilli tuff 162.2-163.1 m												
		167.3 m 15 cm calcite filled breccia - 5 cm fragments no visible sulphides.												
		Gradational Contact												
172.2	174	Lapilli tuff - green/grey matrix with purple, black, grey x 5 mm fragments - crude bedding @ 45° to axis - no visible sulphides												
		Gradational Contact												
174	180.4	Very fine grained dark grey to black tuff - weak calcite/quartz veining. 1-2 mm trace pyrite at 10° to axis, 45° in quartz vein.												
		Gradational Contact												
180.4	185.3	Lapilli tuff-dark grey to black fragments up to 6 cm in saussuritized matrix cut by chloritic (quartz calcite) fractures. Trace disseminated pyrite and along 2 mm quartz 30° to axis												

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. 1577

Gradational Contact

PROPERTY: WEE 14

HOLE NO: W-79-2

METERAGE		DESCRIPTION	SAMPLE NO	METERAGE		LENGTH	ASSAYS (ppm)							
from	to			from	to		Cu	Mo	Pb	Zn	Ag			
185.3	192	Very fine grained dark grey tuff - trace 10° pyrite fractures (2 mm)												
		190.8-191.1 - 5 % pyrite in intensely fractured, epidote, quartz												
		Gradational Contact												
192	193.2	Lapilli tuff - 20% pyrite in 6 mm quartz vein 40° to axis at 192.9 m												
		Gradational Contact												
193.2	196	Very fine grained dark grey tuff; trace pyrite fractures 45° to axis												
		Gradational Contact												
196	197.5	Grey lapilli tuff. 3% disseminated pyrite 196.6-197.5												
		Sharp Contact 30° to axis												
197.5	200.6	Very fine grained dark grey tuff - weakly fractured @ 15° to axis												
		Trace pyrite in fractures												
		Gradational Contact												
200.6	201.5	Lapilli tuff - up to 3 cm black fragments												
		Gradational Contact												
201.5	209.1	Very fine grained grey tuff - massive-no visible sulphides												
		Sharp Contact 40° to axis												
209.1	242.3	Silicified very fine grained grey to black tuff with quartz epidote												
		rich sections 212.1-212.8 m												
		213.1-213.4 (45° to axis) 214.3-214.6 (40° to axis)												
		216.4-216.7												
		215.8- 1 cm quartz vein parallel to axis with trace chalcopyrite.												
		221.6-223.1 5% pyrite in 1 cm quartz vein parallel to core												
		225.2-225.6 5% disseminated pyrite & pyrite in 3 mm vein 40° to axis												
		231.3-231.6 3% " "												

MINERAL RESOURCES BRANCH
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