Fireweed
093M/01

822116

FW-89-65

SUMMARY:

FW-89-65 was a 175.4 metre hole drilled 305°/-47° in the west area of the JAN zone.

There were no intersections of sulphides or other mineralization

Intersections of a clay/graphitic altered/sheared mudstone, Greywacke and Feldspar-augite Porphyry were noted.

There were no samples taken.

Dip test	307 Ft	-45°
Dip test	567 Ft (577 Ft)	-43°

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size: NQ	Page 1 of 4 — Hole No.: FW-89-65
	N.T.S.:	Logged By: WADE D. HARRIS	
	Elevation:	Bearing: 305°	Collared: MARCH 24/1989 — Coordinates: SAN ZONE
Project:	Depth: 175.4 METRES / 577 Ft.	Dip: -45°	Completed: MARCH 25/1989

Ft. / M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
0 31.6		CASING.					
31.6 42.8		CLAY / GRAPHITIC ALTERED/SHEARED	MUDSTONE? (Greywacke?)				
		Grey to black, aphanitic intense clay altered rock with small sections of graphitic sheared rock.					
		No orientation, no mineralization.					
		32.2 - 32.7 - Graphitic sheared rock					
		40.4 - 41.0 Graphitic sheared rock					
42.8 50.4		GREYWACKE					
		Med to dark grey, fine to coarse grained, calcareous with a few (5/metre) sheared calcite fractures.					
		Upper contact @ 65° CA.					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 2 of 4	Hole No.: FW-89-65
	N.T.S.:	Logged By: W.D.H		
	Elevation:	Bearing:	Collared:	Coordinates:
Project:	Depth:	Dip:	Completed:	

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
50.4	65.6		MUDSTONE GRAPHITIC / SHEARED					
			Black, aphanitic, graphitic sheared mudstone (greywacke?)					
			massive. Upper contact @ 45° ? (Fault contact)					
			54.6 - 54.9 Clay altered - Fault gouge (no orientation)					
			55.8 - 56.8 Clay altered Fault zone (no orientation)					
			Some recrystalized graphite (with calcite) stringers (fractures?) @					
			60 to 75° C.A. throughout section.					
			64.4 to 65.6 - Intense bleached - sericite (chlorite)					
			white to light green, aphanitic - contact zone					
			between mudstone and Feldspar - augite porphyry					
			slight silicification					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 3 of 4	Hole No.: FW-89-65
	N.T.S.:	Logged By: W.D.H.		
	Elevation:	Bearing:	Collared:	Coordinates:
Project:	Depth:	Dip:	Completed:	

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
65.6	161.6		FELDSPAR - AUGITE PORPHYRY					
			Med to dark green, med grained, mottled texture with mod to strong chloritic alteration of pyroxene (augite?), feldspar altered to kaolinite (?) and mod sericite alteration. Calcite and/or quartz fracturing at various C.A. (5/metre). Gradational contact from upper mudstone unit.					
			78.2 to 78.5 - Bleached sheared zone (light yellowish-green)					
			83.0 - 100.3 fine grained non porphyritic section strong chloritic alteration.					
			101.0 - 105.6 Bleached - white with abundant Calcite stringers (10 to 20m) vuggy with coarse crystal growth. Mod to strong					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 4 of 4	Hole No.: FW-89-65
	N.T.S.:	Logged By:		
	Elevation:	Bearing:	Collared:	Coordinates:
Project:	Depth:	Dip:	Completed:	

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
			(cont. 101.0-105.6) Silicification and strong Kaolinite altered feldspar phenocrysts. No mineralization - Gradational upper and lower contacts					
			107.0 - 114.0 - Fine grained non porphyritic section as 83.0 to 100.3					
			114.0 - 161.6 - Subporphyritic to porphyritic					
161.6	175.4		SHEARED CLAY ALTERED FELDSPAR PORPHYRY?					
	E.O.H.		Grey to black, aphanitic clay matrix with fragments from 1 to 60mm intense clay altered and small sections of graphitic shear zones and breccia. May be lapilli tuff? Massive shear zone no mineralization Upper contact @ 60° C.A.					
			END OF HOLE	DIP TEST @ 307 feet -43° @ 567 feet -43°				

FW-89-63

Summary:

FW-89-63 was a 162.6 metre (535 ft) hole drilled 360°/-45° in the JAN zone (L 18+00 E 11+75 N.)

This hole encountered lapilli tuffs, Feldspar porphyrys, Latite dykes, Feldspar - Biotite - porphyry and a massive Greywacke. The lapilli tuff was a highly sheared -(faulted) rock in most places with 2 sections of a intense altered - bleached (argillic) lapilli tuff with very fine grained pyrite stringers - The sections were intersected by a altered feldspar porphyry.

Greywacke 83.6 to 162.6 metres was unmineralized and occasionally having calcite replaced fossils

FROM	TO	UNIT	MINERALIZATION
49.1	62.1	Intense altered LAPILLI TUFF	Py 2 to 5% (stringers)
62.1	66.3	Altered FELDSPAR PORPHYRY	Py trace
66.3	69.3	Intense altered LAPILLI TUFF	Py 2 to 5% (stringers & dissem.)

There were 22 - 1 metre samples taken.

Dip test 267 Ft (81.4) -44°
Dip test 535 Ft -46°

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property: FIREWEED	Core Size: NQ	Page 1 of 8
	N.T.S.:	Logged By: WADE D. HARRIS	Hole No.: FW-89-6
	Elevation:	Bearing: 360°	Collared: MARCH 22/89
Project:	Depth: 162.6 METRES / 535 FT	Dip: -45°	Completed: MARCH 23/89
			Coordinates: L 18+00E 11+75N

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
0	14.0		CASING.					
14.0	31.5		LAPILLI TUFF CLAY ALTERED Med to dark grey, fine grained matrix, clasts from 1 to 60mm long. Clasts are subrounded to subangular with strong clay-carbonate-(very calcareous) altered, mod sericite, chlorite altered. Slight alignment of clasts @ 65° C.A. Matrix is mainly clay altered.					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 2 of 8	Hole No.: FW-89-63
	N.T.S.:	Logged By: W.D.H.	Collared:	Coordinates:
	Elevation:	Bearing:	Completed:	
Project:	Depth:	Dip:		

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
			14.0 - 14.2 - Fault gouge lower	contact @ 90° C.A				
			14.8 - 15.4 - Fault gouge zone	upper contact @ 65° C.A - clay.				
			18.2 - 18.6 - Fault (shear) zone	upper contact @ 65° C.A				
			25.0 - 25.3 - Fault zone @ 20° C.A.	Black clay - graphitic appearance				
			29.5 - 31.5 - Fault zone C.A.?	Mainly clay - a few clasts in				
			center of zone not	altered				

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 3 of 8 — Hole No.: FW-89-63
	N.T.S.:	Logged By: W.D.H.	
	Elevation:	Bearing:	Collared: — Coordinates:
Project:	Depth:	Dip:	Completed:

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
31.5	32.9		Feldspar Porphyry Dyke	Trace of very, very fine grained				
			Med grey-green, fine grained,	dissem. pyrite				
			slightly porphyritic feldspar (1 to 3mm tabular)					
			phenocysts. Strong kaolinite, sericite, carbonate					
			alteration to feldspar phenos. Matrix slightly					
			calcareous. Matrix is aphanitic with a					
			trace of pyrite. No contact measurable					
32.9	49.1		LAPILLI TUFF - ALTERED - SHEARED					
			Lapilli tuff with shear/fault					
			zones (as described from					
			14.0 to 31.5 ' except with					
			increase shear zones)					
			Shear zones are graphitic					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 4 of 8	Hole No.: FW-89-63
	N.T.S.:	Logged By: W.D.H.	Collared:	Coordinates:
Project:	Elevation:	Bearing:	Completed:	
	Depth:	Dip:		

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays Ag	Pb	Zn	Cu	Au
			32.9 - 33.4 - Fault zone - no upper contact - loss core									
			35.7 - 37.0 - Fault zone lower contact @ 40° C.A.									
			37.4 - 49.1 Fault/shear zones mainly with fragments and small sections (less than 10 cm) of intense clay altered lapilli tuff. Much of shear zone contains "ghost" texture of lapilli tuff.									
49.1	62.1		* INTENSE ALTERED LAPILLI TUFF	2 to 5% very fine grained	49.1	50.1	67987	.6	20	61	34	5
			Bleached (white - light grey)	Pyrite in stringers @ 25 to 35° C.A.	50.1	51.1	67988	.7	14	31	36	5
			very fine grained (aphanitic)	(.5 to 1mm wide)	51.1	52.1	67989	.8	16	13	19	5
			intense argillic alteration		52.1	53.1	67990	.9	16	14	15	5
			non calcareous		53.1	54.1	67991	.9	20	33	22	5
					54.1	55.1	67992	.9	16	18	23	5

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 5 of 8	Hole No.: FW-89-63
	N.T.S.:	Logged By: W.D.H.	Collared:	Coordinates:
Project:	Elevation:	Bearing:	Completed:	
	Depth:	Dip:		

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays Ag	Pb	Zn	Cu	Au
			54.1 to 56.1 - Lapilli tuff recognizable - sheared but		55.1	56.1	67993	.8	23	41	21	5
			not bleached, very graphitic		56.1	57.1	67994	.9	21	26	23	5
					57.1	58.1	67995	.8	19	24	28	5
					58.1	59.1	67996	1.1	25	18	48	5
					59.1	60.1	67997	1.0	25	26	76	5
					60.1	61.1	67998	1.2	24	25	25	5
					61.1	62.1	67999	1.0	27	14	47	5
62.1	663		ALTERED FELDSPAR PORPHYRY	Pyrite trace	62.1	63.1	68000	.8	27	34	53	5
			med grey/green, fine grained		63.1	64.5	10351	.9	27	61	35	5
			with intense sericite alteration		64.5	65.4	10352	.9	24	47	9	5
			of feldspar tabular phenocrysts (1mm)		65.4	66.3	10353	.8	19	40	12	5
			No orientation									

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 6 of 8 — Hole No.: FW-89-63
	N.T.S.:	Logged By: W D H	
	Elevation:	Bearing:	Collared: — Coordinates:
Project:	Depth:	Dip:	Completed:

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays Ag	Pb	Zn	Cu	Au
			* INTENSE									
66.3	69.3		ALTERED. LAPILLI TUFF	2 to 5% very fine grained	66.3	67.3	10354	.6	22	21	41	5
			Bleached - As described	disseminated stringers of Pyrite	67.3	68.3	10355	.7	18	27	34	5
			from 49.1 to 62.1. Contact @ 30° C.A.		68.3	69.3	10356	.8	16	18	39	5
					69.3	70.3	10357	.7	19	47	27	5
69.3	71.3		(FELDSPAR PORPHYRY) ALTERED LATITE DYKE		70.3	71.3	10358	.7	18	34	13	5
			Crowded tabular (needle) feldspar (1 to 3 mm) porphyry with									
			intense sericite, (chlorite) alteration of feldspar									
			Intense silicification. Upper contact @ 75° C.A.									
			Fine to med. grained, med green.									
71.3	71.7		GRAPHITIC ALTERED LAPILLI TUFF									
			Contact @ 90° C.A.									
			Sheared lapilli tuff as described from 32.9 to 49.1									

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 7 of 8	Hole No.: FW-89-63
	N.T.S.:	Logged By: W.D.H.		
	Elevation:	Bearing:	Collared:	Coordinates:
Project:	Depth:	Dip:	Completed:	

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
72.7	79.5		FELDSPAR - BIOTITE - PORPHYRY	Contact @ 75° C.A.				
			Med grey/green, med to coarse grained crowded feldspar - biotite porphyry. Biotite (4%) xtals appear at 72.7 to 79.5 (none in upper chilled zone). Tabular feldspars 2 to 4 mm with K-spar ("ghosts") up to 10 mm. Intense kaolinite altered feldspars. Groundmass sericite/chlorite altered. Slightly calcareous. Biotite xtals 1 to 3 mm long.				
79.5	79.7		GRAPHITIC ALTERED LAPILLI TUFF					
			Contact @ 80° C.A.					
			Same as 32.9 to 49.1					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 8 of 8 — Hole No.: FW-89-63
	N.T.S.:	Logged By:	
	Elevation:	Bearing:	Collared: — Coordinates:
Project:	Depth:	Dip:	Completed:

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
			(FELDSPAR PORPHYRY)					
79.7	83.6		ALTERED LATITE DYKE					
			Crowded needle-tabular feldspars (1 to 3mm) porphyry,					
			intense sericite (kaolinite) alteration of feldspars					
			Intense silicification. Upper contact @ 90° C.A.					
			Same as 69.3 to 71.3.					
83.6	162.6		GREYWACKE	Occasional trace of very, very				
END OF HOLE.			med to dark grey/green,	fine grained dissem subhedral				
			fine grained, intense kaolinite	pyrite				
			and silicification. Mod calcareous, randomly orientated calcite fractures					
			83.6 to 84.4 Brecciation and	silicification				
			85.7 - Calcite replacement of	crinoids.				
			146.3 - Calcite replacement of	cigar shape fossils				
					E.O.H.			

DIP TEST @ 267 feet -44°
@ 535 feet -46°

FW-89-64

SUMMARY:

FW-89-64 was a 132.8 metre hole drilled 360°/-46° in the JAN zone.
There were no intersections of sulphides (massive or disseminated.
Intersections of Lapilli tuff (Clay altered, sheared graphitic altered and silicified were encountered as well as a FELDSPAR-BIOTITE PORPHYRY.

There were no samples taken.

Dip test	200 Ft (61)	-44°
Dip test	427 Ft (437 Ft)	-46°

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property: FIREWEED	Core Size: NQ	Page 1 of 8
	N.T.S.:	Logged By: WADE D. HARRIS	Hole No.: FW-89-64
	Elevation:	Bearing: 360°	Collared: MARCH 24/89
Project:	Depth: 132.8 METRES / 437 FT	Dip: -45°	Completed: MARCH 24/89
			Coordinates: 1700E 1145N

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
0	14.0		CASING					
14.0	32.0		LAPILLI TUFF CLAY ALTERED Med to dark grey, fine grained to aphanitic matrix, fragments from 1 to 60 mm long. Fragments are subrounded to subangular with strong clay-carbonate alteration, mod to weak sericite, chlorite alteration. Slight alignment of clasts @ 65°C A. Matrix is mainly clay. Sections of lapilli tuff which has been sheared is very graphitic.					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 2 of 8	Hole No.: FW-89-64
	N.T.S.:	Logged By:		
	Elevation:	Bearing:	Collared:	Coordinates:
Project:	Depth:	Dip:	Completed:	

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
			14.0 - 15.0 Fault gouge no orientation					
			19.5 - 19.6 Graphitic shear zone					
			20.5 - 20.6 Fault gouge @ 65° C.A.					
			21.9 - 22.0 Fault gouge @ 65° C.A.					
			25.4 - 25.5 Fault gouge @ 35° C.A.					
32.0	42.8		SHEARED GRAPHITIC ALTERED LAPILLI TUFF					
			Black, aphanitic, graphitic					
			altered / sheared lapilli tuff					
			with short sections of					
			"ghost" clay altered clasts.					
			Not mineralized					
			Graphite and clay.					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 3 of 8	Hole No.: FW-89-64
	N.T.S.:	Logged By:		
	Elevation:	Bearing:	Collared:	Coordinates:
Project:	Depth:	Dip:	Completed:	

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
42.8	62.5		LAPILLI . TUFF CLAY ALTERED					
			Lapilli tuff as described					
			from 14.0 to 32.0 with					
			short sections of sheared					
			graphitic altered lapilli tuff					
			as described from 32.0 to 42.8					
			Contact to upper shear zone					
			@ 45° C.A					
			Intense clay alteration (90% +)					
			47.7 - 48.2 Graphitic shear zone					
			59.0 - 59.5 Graphitic shear zone					
			61.2 - 62.5 Graphitic shear zone					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 4 of 8	Hole No.:
	N.T.S.:	Logged By:		
	Elevation:	Bearing:	Collared:	Coordinates:
Project:	Depth:	Dip:	Completed:	

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
62.5	70.4		LAPILLI. TUFF SILICIFIED Light to med grey, fine grained matrix, fragments from 1 to 60 mm long (ave 10 to 15mm) Fragments are subrounded to rounded. Weak carbonate alteration, strong silicification very fresh looking rock. Very weak sericite alteration, Some calcite micro-fractures. Many of the fragments are silicified 70.1 – 70.4 – Grapitic Shear zone – lower contact @ 70° C.A.	Contact loss in graphitic shear (loss core?)				

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 5 of 8	Hole No.:
	N.T.S.:	Logged By:		
	Elevation:	Bearing:	Collared:	Coordinates:
Project:	Depth:	Dip:	Completed:	

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
			(FELDSPAR SUBPORPHY)					
70.4	75.6		LATITE · DYKE (ALTERED)					
			Crowded needle (tabular) feldspar (1 to 3mm) subporphyry with intense sericite alteration of feldspar, chlorite alteration of groundmass with moderate to strong silicification Upper contact @ 70° C.A Med green, fine to med grained					
			74.7 - 75.0 Graphitic Shear Zone					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 6 of 8 — Hole No.: FW-89-64
	N.T.S.:	Logged By: W.D.H.	
	Elevation:	Bearing:	Collared: — Coordinates:
Project:	Depth:	Dip:	Completed:

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
756	84.2		FELDSPAR - BIOTITE PORPHYRY	Contact @ 70° C.A.				
			Med grey/green, med to coarse grained crowded (subcrowded) feldspar - biotite porphyry. Biotite xtals (1 to 3mm) 4%, (no biotite xtals in upper/lower chill margin) Tabular feldspars (2 to 4mm) some K-spar "ghosts" - kaolinite alteration of feldspars. Groundmass sericite/chlorite mod. altered. Slightly calcareous, mod silicified.				

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 7 of 8	Hole No.: FW-89-64
	N.T.S.:	Logged By:		
	Elevation:	Bearing:	Collared:	Coordinates:
Project:	Depth:	Dip:	Completed:	

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
84.2	95.0		MUDSTONE (SHALE)					
			Black, aphanitic, massive with randomly orientated calcite fractures					
			Upper contact @ 20°					
			84.7 - 85.0 Feldspar biotite (<1%) dyke (microporphyritic)					
			89.8 - 90.2 Feldspar brecciated dyke (as above)					
			91.0 - 91.2 Feldspar microporphyritic					
			94.7 - 95.0 Fault gouge - no orientation.					

CANADIAN UNITED MINERALS INC.

DIAMOND DRILL LOG

Company:	Property:	Core Size:	Page 8 of 8 — Hole No.: FW-89-64
	N.T.S.:	Logged By: W.D.H.	
	Elevation:	Bearing:	Collared: — Coordinates:
Project:	Depth:	Dip:	Completed:

Ft.	M.	Rec'y	Rock Type/Alteration	Mineralization/Structure	Sample Length From	Sample Length To	Sample No.	Assays
75.0	132.8		GREYWACKE	Bedding @ 30°				
	E.O.H.		Med grey (greenish), fine to med grained, with a few (5 per metre) calcite fractures randomly orientated. Mod to strongly calcareous, strong kaolinite altered, slight silicification Occasional fossil (calcite replaced) <crinoids, cigar shape 20 to 30 mm> 125.0 to 132.8 - medium to coarse grained greywacke Calcareous and kaolinite altered					
			END OF HOLE					
			Dip test 200 Ft -44°					
			Dip test 437 Ft -46°					