

FINNMARK PROJECT  
DIAMOND DRILL LOGS  
DRILLING PROGRAM  
1983

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## TABLE OF ABBREVIATIONS

colour: wh = white

" gr = grey

" bl = blue

" gn = green

" br = brown

" b = black

" l = light

" d = dark

" blsh = bluish respectively

etc: cax = core axis

Min = type of mineralization





# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH No. GE1-83-01	Interval		Assays						
				From	To	Cu	Mo	Pb	Zn	Au	Ag	
		30.00 - 30.60: <u>Amphibolite</u>										
		gn, fine grained, slightly schistose, finest concordant stringers and veins of carbonate.										
		30.26 - 30.27: <u>Carbonate band</u>										
		Min: impregnations of po, cy, 1 Vol.-%.										
		30.68 - 30.70: <u>Carbonate band</u>										
		Min: po, as lumps, 10 Vol.-%.										
		38.00 - 38.45: <u>High carbonaceous amphibolite</u>										
		ggn, medium grained, slightly banded, 38.30 - 38.50 po, mineralization following fissures, <1 Vol.-%.										
		38.90 - 38.93: <u>Quartz-carbonate band</u>										
		highly distorted, mm needles of actinolite. Min: po, py, as spots and stringers, 1-2 Vol.-%.										
		39.20 - 39.70: <u>High carbonaceous actinolite schist</u>										
		bhshgn, laminated, in places mm beds of graphite bearing slate interbedded.										
		39.70 - 39.90: <u>Graphite bearing actinolite schist</u>										
		bhshgn, some carbonate layers										





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From	To	Description	DDH No GFT-83-01	Interval		Assays						
				From	To	Cu (ppm)	Mo	Pb (ppm)	Zn (ppm)	Au (ppm)	Ag (ppm)	
		51.40 - 52.20: Alternation of mafic volcanics with graphitic horizons and exhalative quartz mm bands of graphitic slate, quartzite, amphibolite and carbonate, mostly gradual boundaries. 45° to cpx. Min: po, as disseminations mostly in qtz or carbonate layers, as stringers or lamina in all sections, 2 to 3 Vol.-%										
		52.20 - 53.48: Quartz-rich amphibolite qr, fine grained, "flaser structure", intermixed some lamina of graphitic slate Min: po, as disseminations, <1Vol.-%		GFT-83-0	52.00	54.00	200		20	150	2	1
		53.48 - 54.01: Graphite slate dgr, interbedded by lamina of quartz and chlorite mm carbonate lenses. Min: po, stringers, lenses 2-3 Vol.-%										
		54.01 - 54.26: Carbonaceous amphibolite qr, medium grained.										
		54.26 - 54.95: Quartzite blshqr, "flaser structure" of quartz and graphite slate.										





# DIAMOND DRILL LOG

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From	To	Description	DDH No GA1-83-01	Interval		Assays					
				From	To	Cu ppm	Mo	Pb ppm	Zn ppm	Au ppb	Ag ppm
		79.22 - 79.70: <u>Quartz-rich actinolite schist</u>									
		gn to grgn, medium grained, slightly laminated, sometimes carbonaceous.									
		79.70 - 81.40: <u>Carbonaceous garnet-biotite amphibolite</u>									
		grgn, massive to slightly schistose .									
81.40	86.00	<u>Graphitic interval</u>		GA1-83-13							
		Graphite to graphitic slate		82.00	83.00	700		14	230	18	1
				GA1-83-14							
				83.00	84.00	860		12	740	18	1
		dlsbqr, lamina of carbonate, in places "flaser structure"		GA1-83-15							
				84.00	86.00	890		14	890	7	1.5
		between carbonate and graphite slate, lamination 65° to ex.									
		Min: po, py, cy, as stringers, bands and lenses concordant to lamination, total sulphide content 2 Vol.-%, domination of po and py.									
		82.20 - 82.80: <u>Muscovite-chlorite-plagioclase schist</u>									
		wh, slightly banded.									
		Min: py, stringers, flasers, spots, lenses, 5 Vol.-%, cy, as rare spots.									
		83.40 - 83.60: <u>Muscovite-fuchsite rich quartzite (epiclastic     metasediment)</u>									
		wh, massive to slightly banded.									
		Min: po, spots, stringers, lenses, 5Vol.-%									

# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH No CA1-85-01	Interval		Assays					
				From	To	Cu (%)	Mo	Pb (%)	Zn (%)	Au (g/t)	Ag (g/t)
		cy, very rare spots.									
		84.38 - 84.50: Carbonate-rich biotite-plagioclase schist (felsic tuff)									
		grwh, "flaser structure".									
		Min: po, disseminations <1 Vol.-%.									
		85.22 - 85.60: Carbonate-rich biotite-plagioclase schist (felsic tuff)									
		grwh, "flaser structure", interlayered several									
		bands of quartzite.									
		Min: po, cy, stringers concordant to layering									
		2 Vol.-%.									
86.00	91.20	Carbonate rich talk-chlorite-biotite-plagioclase schist, (felsic tuff)									
		grbr, "flaser structure" with transition to "eye structure",	CA1-85-16								
		schist, in places interbedded bands of graphitic slate.	87.00	88.00	350		12	160	10	1	
		Min: po, disseminations or stringers, <1Vol.-%.	CA1-85-17								
		cy, spl, as rare spots.	88.00	89.00	360		10	130	9	1	
			CA1-85-18								
			89.00	90.00	390		10	130	4	1	
			CA1-85-19								
			90.00	91.20	290		22	2100	4	1	
			CA1-85-20								
91.20	110.60	Graphitic interval	91.20	95.00	500		18	1100	4	1	
		Graphitic slate in places interbedded by layers of tuffaceous	CA1-85-21								
		material	93.00	95.00	450		20	610	8	1.5	
			CA1-85-22								
		Graphite slate	95.00	97.00	430		20	610	8	1	
			CA1-85-23								
		dblsgr, massive to laminated, in places folded or even	97.00	99.00	410		14	190	9	1	
			CA1-85-24								
		brecciated (fragments 0.1cm Ø), partly interlayered by lamina	99.00	102.38	560		20	250	4	1	
		of carbonate or chlorite-carbonate, crosscutting mm carbonate	CA1-85-25								
			102.38	105.00	760		14	260	4	1	
			CA1-85-26								
			105.00	107.00	650		10	1300	11	1	

# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH No GFI-83-01	Interval		Assays						
				From	To	Cu ppm	Mo	Pb ppm	Zn ppm	Au ppb	Ag ppm	
		veins (remobilizations).										
		Min: <u>po, cy, py</u> and <u>spl</u> , domination of <u>po</u> , in stringers		GFI-83-27	107.00	109.00	870		16	2500	8	1.5
		concordant to lamination, as disseminations, as vein		GFI-83-28	109.00	111.00	420		14	1300	10	
		fillings, <u>spl</u> , mostly present in carbonate bands (volcanic outflow) total sulphide content 2 Vol.-%.										
		92.20 - 92.35: Carbonate-rich biotite-plagioclase schist (felsic tuff)										
		same as: 92.20 - 92.35.										
		93.20 - 93.35: Brecciated zone										
		94.76 - 96.88: Brecciated zone										
		95.10 - 95.33: Carbonate-rich biotite-plagioclase schist (felsic tuff)										
		95.80 - 96.00: Carbonate-rich biotite-plagioclase schist (felsic tuff)										
		brwb, "wavy structure", lamina of mica schist, graphite slate and graphite bearing quartzite interbedded.										
		Min: <u>po, py</u> , disseminations and network-like mineralization, 1-2 Vol.-%.										
		96.17 - 96.30: Carbonate-rich biotite-plagioclase schist (felsic tuff)										
		same as: 95.80 - 96.00.										
		Min: <u>po, py</u> , stringers and lenses, veinlets										
		10 Vol.-%.										
		96.67 - 96.68: Carbonate-rich biotite-plagioclase schist (felsic tuff)										







HPL-83-01



# DIAMOND DRILL LOG

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From	To	Description	DDH No. HPL-83-01	Interval		Assays					
				From	To	Cu ppm	Mo ppm	Pb ppm	Zn ppm	Au ppb	Ag ppm
		20.96 - 24.10: talk-chlorite-serpentine bearing amphibolite									
		gn, medium grained, massive to slightly schistose, slightly carbonaceous, some mm-carbonate veining.									
		24.10 - 25.42: Carbonaceous quartz-chlorite-amphibole schist									
		lgn, lshgn, "flaser structure"									
		24.30 - 24.38: brecciation zone		HPL-83-2 24.00	24.50	1600		10	21	17	0.5
		well rounded fragments -0.2 cm Ø - cemented by po, py, spl (10 vol-%).									
		25.08 - 25:15: carbonate-vein		HPL-83-3 25.00	25.50	660		12	21	5	0.5
		brecciation with spots of po.		HPL-83-4 31.00	32.00	220		8	28	<2	0.5
		25.35 - 25.41: carbonate-vein									
		slightly brecciated with spots of po.									
		25.42 - 31.88: Amphibolite									
		gblshgn, medium to coarse grained, slightly to well schistose, mm- carbonate veining.									
		31.88 - 33.38: Amphibolite									
		gn fine grained, massive to slightly schistose, minor mm - carbonate veining									

# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH No. HPL-85-01	Interval		Assays					
				From	To	Cu	Mo	Pb	Zn	Au	Ag
						ppm	ppm	ppm	ppm	ppb	ppm
		33.38 - 33.48: Garnet-actinolite schist									
		grn, inhomogeneous, idiomorphic garnets.									
		33.48 - 41.15: Plagioclase-chlorite-actinolite schist	HPL-85-6	39.00	40.00	270		10	36	<2	0.5
		grblshgn, inhomogeneous, in places "wavy structure", schistosity 45° to east.									
		Min: po as rare spots									
		36.12 - 36.22: Actinolite bearing	HPL-85-5	36.00	37.00	1100		22	46	<2	0.5
		talk-carbonate.									
		Min: po as up to 10 Vol.-%.									
		36.31 - 36.32: Carbonate band									
		Min: po as mm -spots									
		(2 Vol.-%), often highly weathered.									
		36.72 - 36.80: Carbonate band									
		Min: po as very rare spots.									
		41.15 - 47.20: Actinolite bearing quartzite	HPL-85-7	41.00	43.00	230		8	35	<2	0.5
		grgn, fine grained, slightly bedded, mostly homogeneous in composition, bottom part actinolite-rich and very fine grained.	HPL-85-8	43.00	46.00	420		4	27	6	0.5
		Min: po occurring in finest bands concordant to bedding or as disseminations (1 Vol.-%)									





GAI-83-01





# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH No. GÅ1-R3-01	Interval		Assays					
				From	To	Cu	Mo	Pb	Zn	Au	Ag
		35.35 - 36.25: Alternation of mafic volcanics (major tuff and tuffites) and graphite rich horizons mm to cm bands of graphite slate, amphibolite, high carbonaceous talc-chlorite schist and phyllites bsh to gn, always sharp boundaries, in places crosscutting features of carbonate. Min: po a. py. as very rare mm spots.									
		36.25 - 37.40: Talcky actinolite schist gnqr, locally "wavy structure", in places mm carbonate bands.									
		37.40 - 38.02: Plagioclase amphibolite (sill type gabbro) gnqr, medium grained, massive, locally cm-bands of po and minor cy.									
		38.02 - 39.00: Actinolite schist qr, medium grained, some mm carbonate veining.	GÅ1-R3-1 38.00	39.00	100		8	31	<2	0.5	
		39.00 - 40.53: Graphite bearing garnet - actinolite schist bhgn, medium to coarse grained, schistosity 85° to cav.	GÅ1-R3-2 40.00	42.10	170		6	99	<2	0.5	
		40.15 - 40.23: Amphibolite (basalt) gn, fine grained, massive to									

# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH No. GAI-83-111	Interval		Assays							
				From	To	Cu	Mo	Pb	Zn	Au	Ag		
		slightly schistose, sharp walls.					ppm	ppm	ppm	ppm	ppb	ppm	
		40.53 - 41.42: Alternation of mafic volcanics (major tuffs and tuffites) and graphite bearing epiclastics mm to cm alternation of actinolite schist, graphitic slate, talc-chlorite amphibolite, carbonaceous chlorite-actinolite schist lghlshgn, gr, whgn, gr, mostly sharp borders. Min: po, as concordant stringers and small lenses, <1 Vol.-%.											
41.42	44.11	Graphite section predomination of carbon rich epiclastic material. Minor content in mafic volcanics, supposedly tuffs.											
		41.42 - 41.60: talc-chlorite amphibolite (mafic tuff) lghgn, extreme fine grained, massive to slightly laminated, some lenses and flasers of carbonate. changes in composition in both to hanging and footwall, increase in biotite and plagioclase. Min: po, as disseminations <1 Vol.-%.											
		42.10 - 44.11: Graphite slate h to lshgr, massive to slightly bedded, hanging part with "wavy structure", here layers of very			GAI-83-111	42.10	44.12	420		10	55	2	1.0





HAN - 83 - 01





HAN-83-02





# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	D/D No. HAN-83-02	Interval		Assays					
				From	To	Cu	Mo	Pb	Zn	Au	Ag
		48.92 - 50.99: Plagioclase amphibolite									
		grgn. medium to coarse grained, slightly bedded									
		45° to cav. pisolitic texture of actinolites.									
		50.99 - 51.58: Plagioclase-talk-chlorite-actinolite schist									
		lgrgn. medium to fine grained, slightly orientated needles of actinolite, 45° to cav, bottom part increased in talk and chlorite, here finer grained.									
51.58	52.42	Graphite to graphite slate		HAN-83-5 51.50	52.50	550		38	2200	15	2.5
		b. high graphite content, in places very soft, more platy sections mostly massive with distinct <sup>n</sup> distortion and brecciation here carbonate veining.									
		Min: py, network, 2 Vol.-%.									
52.42	69.56	Ultramafic flow (hornblende)		HAN-83-6 52.50	54.50	170		8	170	<2	1.0
		52.42 - 54.35: Actinolite-talk schist (tuff)									
		lgn to dgn, medium to coarse grained, homogeneous needles of actinolite surrounded by talk and py (2Vol.-%)									
		54.50 - 54.35: talk-chlorite-serpentine-olivine rock									
		lgn, fine grained, very homogeneous, randomly orientated mm needles of olivine (spinifex texture)									



HAN - 83 - 03





# DIAMOND DRILL LOG

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From	To	Description	DDH No. HAN-B3-03.	Interval		Assays						
				From	To	Cu	Mo	Pb	Zn	Au	Ag	
						ppm		ppm	ppm	ppb	ppm	
		45.00 - 45.52: <u>Chert</u>										
		blshgr. massive, interbedded some bands of										
		cummingtonite, bedding 90° to ax.										
		45.52 - 47.57: <u>Alternation of chert and garnet-biotite-</u>										
		<u>cummingtonite</u>										
		47.57 - 49.65: <u>Chert</u>			HAN-B3-8							
		blshgr. massive, interlayered some flasers and			47.00	50.00	80		22	22	<2	0.5
		stringers of carbonate and cummingtonite.										
		49.65 - 69.35: <u>Banded chert</u>			HAN-B3-9							
		gr. cm to mm alternation of massive chert with			50.00	55.00	190		22	30	25	0.5
		layers of cummingtonite/grunerite, actinolite-			HAN-B3-10							
		cummingtonite, garnet-cummingtonite and biotite			55.00	56.00	280		32	48	24	1.0
		bearing actinolite. Always sharp boundaries,			HAN-B3-11							
		bedding between 75° to 90° to ax.			56.00	59.00	200		20	15	55	1.0
		Min: po, stringers and disseminations or mm-bands,			HAN-B3-12							
		sometimes crosscutting features (remobilized)			59.00	62.00	260		16	11	7	1.0
		generally 1 to 2 Vol.-%, in places			HAN-B3-13							
		5 to even 10 Vol.-%, spots of <u>cy.</u> (51.80,			62.00	65.00	480		18	35	13	1.0
		56.13, 65.45, 62.32, 63.76, 66.62) spots of			HAN-B3-14							
		arsenopy (56.23)			65.00	68.00	350		22	36	8	1.0
					HAN-B3-15							
					68.00	69.35	260		18	76	6	1.0







HAN-83-04













# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH No HAN-83-04	Interval		Assays								
				From	To	Cu	Mo	Pb	Zn	Au	Ag			
		Fracture fillings 1 to 2 Vol.-%												
	89.92 - 90.06:	<u>Graphite slate</u>												
		b. laminated by intermediate to ultra- mafic volcanics (talk, plagioclase, quartz, chlorite, amphibole assem- blages), small scale folding, "flaser structure" occurring												
		Min: <u>po, py</u> , as stringers and big spots, 0.1 to 0.2 Vol.-%												
	90.06 - 90.50:	<u>Graphite breccia</u>												
		b. brecciation and distortion, stringers and lenses or flasers of intermediate to felsic volcanics (tuffs)												
		Min: <u>po, py</u> , as stringers and bigger spots (1 to 1.5 cm in Ø), often xenomorphic aggregates, cement in some brecciation zones.												
		20 Vol.-%												
	90.50 - 90.90:	<u>Carbonaceous chlorite-muscovite plagioclase-actinolite fels tblshqr, medium grained, very inhom- ogeneous, sometimes talky, in places</u>			HAN-83-26	90.50	92.06	430		40	460	<2	2.0	

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From	To	Description	DDH No HAN-83-04	Interval		Assays					
				From	To	Cu (ppm)	Mo	Pb (ppm)	Zn (ppm)	Au (ppb)	Ag (ppm)
		round particles of graphite material (0.2 cm Ø) Min: <u>po, py</u> , as disseminations or net- work like structures, 3 Vol.-%									
	90.90 - 91.82:	<u>Carbonaceous talky chlorite-mica- plagioclase fels/schist</u> gr. medium grained, very homogeneous, slightly laminated, 85° to east Min: <u>po, py</u> , disseminations 3 Vol.-%									
	91.82 - 91.99:	<u>Graphite slate</u> hshgr. lamina of talky phyllite or talk-chlorite-plagioclase assemblages Min: <u>po</u> , as finest stringers, flagers and lenses concordant to bedding 1 Vol.-%									
	91.99 - 92.05:	<u>Carbonaceous talky chlorite micra- plagioclase schist</u> same as: 90.90 - 91.82									
	92.05 - 93.58:	<u>Graphite breccia</u> h. angular graphite fragments cemented by talky-plagioclase, chlorite-	HAN-83-27	92.06 - 93.58	940		86	>4000	60	2.0	

# DIAMOND DRILL LOG

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From	To	Description	DDH No. HAN-83-04	Interval		Assays					
				From	To	Cu (ppm)	Mo	Pb (ppm)	Zn (ppm)	Au (ppb)	Ag (ppb)
		mica-plagioclase and biotite-talk- chlorite-plagioclase-quartz assemblage (tuff)									
		Min: <u>py</u> , <u>po</u> , <u>spl</u> , <u>cy</u> , as irregular stringers, spots, lumps, discontinuous vein-like fracture fillings, sometimes massive cement									
		4 Vol.-%									
	93.58 - 93.88	Quartzite (chert?) milkyw., massive		HAN-83-28 93.58 - 93.88	890		18	2700	<2	1.0	
		Min: <u>po</u> , <u>py</u> , <u>spl</u> , mostly restricted to the borders of the horizon									
		10 Vol.-%									
	93.88 - 95.52	Graphite breccia br,		HAN-83-29 93.88 - 95.52	320		98	1700	21	2.0	
		Min: <u>po</u> , <u>py</u> , <u>spl</u> , <u>cy</u> , <u>ml</u> , same as: 92.05 - 93.58									
	95.52 - 98.50	Graphite breccia b, spots of <u>cy</u> (96.73, 97.92, 97.70)		HAN-83-30 95.52 - 98.00	370		64	1800	23	1.5	
	98.50 - 99.62	Graphite slate b, highly distorted, lamina of talk-		HAN-83-31 98.00 - 100.00	500		46	1800	10	1.5	



# DIAMOND DRILL LOG

FOLLDAL VERK A/S

From	To	Description	DDH No HAN-83-04	Interval		Assays					
				From	To	Cu ppm	Mo	Pb ppm	Zn ppm	Au ppb	Ag ppm
		aceous, upper section laminated by graphite slate, 65° to cax, some mm spots of carbonate vein like cross- cutting									
		Min: <u>po</u> , as finest disseminations, 2 Vol.-%									
		103.50 - 103.67: <u>Graphite slate</u>									
		bshgr. massive, some brecciation, mm carbonate veining									
		Min: <u>po</u> , stringers, spots 2 Vol.-%									
		103.67 - 104.18: <u>Graphite bearing biotite-rich chert</u>									
		gr to dgr, fine grained, massive to laminated									
		Min: <u>po</u> , as dissemination, 3 Vol.-%									
		104.18 - 109.50: <u>Graphite slate</u>	HAN-83-34								
			104.20	106.00	700		36	1300	3	1.5	
			HAN-83-35								
		bshgr. laminated sections interbedded	106.00	109.00	840		30	2200	4	1.5	
		by brecciation zones and massive gra- phite slate	HAN-83-36								
			108.00	110.00	520		24	790	<2	1.0	
		Min: <u>po</u> , <u>py</u> , as spots, stringers and irregular shaped lumps 1 Vol.-%									
		109.50 - 109.79: <u>High carbonaceous talky chlorite-</u>									



# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH No HAN-83-04	Interval		Assays					
				From	To	Cu (%)	Mo	Pb (%)	Zn (%)	Au (ppb)	Ag (%)
		places stringers of graphitic material									
		Min: po, py, disseminations, 2 Vol.-%									
		111.08 - 111.52: Graphite bearing carbonaceous phyllite									
		dgr, massive									
		Min: po, py, as spots, stringers,									
		5 Vol.-%									
		111.52 - 112.48: Carbonaceous tremolite-muscovite-	HAN-83-38	111.52	115.38	480		18	170	<2	1.0
		chlorite-plagioclase schist									
		same as: 110.73 - 111.08									
		no graphite intermixed									
		Min. po, py, disseminations, 10 Vol.-%									
		112.48 - 112.90: Graphite bearing biotite-chlorite									
		plagioclase schist (fels)									
		gr, very homogeneous, slightly schis-									
		tose, in places cm lenses of carbonate									
		Min: po, py, disseminations and mm									
		bands or stringers and bigger									
		spots, 5 to 7 Vol.-%									
		112.90 - 113.72: Graphite bearing slate	HAN-83-39	113.38	115.00	480		16	1200	<2	0.5
		gr to dgr, fine bedded by carbonate									
		and talky chlorite plagioclase material,									





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FOLLDAL VERK A/S

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From	To	Description	DDH No HAN-83-04	Interval		Assays						
				From	To	Cu	Mo	Pb	Zn	Au	Ag	
		118.50 - 127.12: talk bearing chlorite-muscovite-		HAN-83-42	120.00	125.00	41		10	65	<2	<0.5
		(fuchsite)-quartz-plagioclase schist/ fels		HAN-83-43	125.00	125.00	38		8	47	<2	<0.5
		w. fine to medium grained, slightly schistose, homogeneous, 80 <sup>D</sup> to cax Min: po, py, disseminations, some- times spots and stringers increasing to 1 Vol.-% locally 3 Vol.-%										
		127.12 - 128.72: High carbonaceous talky mica-amphibole- plagioclase rock reddish to gr. fine grained, very homogeneous. Min: py, po, as disseminations, <1 Vol.-%		HAN-83-44	126.00	138.00	52		24	110	<2	1.0
		128.72 - 133.20: talk bearing chlorite-muscovite- quartz-plagioclase-schist/fels same as: 118.50 - 127.12 Min: py, (po), disseminations, mostly 1 to 2 Vol.-% 129.44 m: 10 to 15 Vol.-%		HAN-83-45	128.70	130.00	73		20	58	<2	1.0





RAT-83-01





# DIAMOND DRILL LOG

FOLLDAL VERK A/S

From	To	Description	Interval		Assays					
			From	To	Cu	Mn	Pb	Zn	Au	Ag
					ppm		ppm	ppm	ppb	ppm
	48.70-49.20:	<u>bulk, chlorite bearing biotite-amphibole-quartz-plagioclase rock</u> gr. medium grained, massive, in places subophitic texture between pldc. and act. crudely schistose, 65° to cax Min: <u>po</u> , disseminations, 1 Vol.-5								
	49.20-57.20:	<u>sarpet bearing amphibole-chlorite-biotite-plagioclase schist</u> lgr to lbrshgr, fine grained, massive Min: <u>po</u> , <u>py</u> , disseminations, <u>py</u> often concentrated in separate bands, 1 Vol.-5								
	57.20-60.00:	<u>chert to amphibole bearing chert</u> lbrshgr, massive to slightly schistose, 65° to cax Min: <u>po</u> , rare disseminations								
	60.00-61.35:	<u>quartz bearing serpentine-chlorite-amphibole-plagioclase schist</u> rner, fine to medium grained, in places subophitic textures ( plaq. and amph. ) Min: <u>po</u> , rare disseminations	RAT-83-5 61.00	61.95	200		12	330	2	1.0











# DIAMOND DRILL LOG

FOLLDAL VERK A/S

From	To	Description	RAT-03-01	Interval		Assays					
				From	To	Cu	Mo	Pb	Zn	Au	Ag
		89.30-90.10: <u>plagioclase-chlorite amphibolite</u>		RAT-83-11		ppm		ppm	ppm	ppb	ppm
				89.00	90.00	4.0		18	86	2	1.5
		gn, medium to coarse grained, very inhomogeneous, often "flasser structure".									
		Min: po, as stringers, small bands and disseminations, 7 Vol.-%, rare spots of <u>cy</u>									
		90.10-90.25: <u>slightly talkose plagioclase-biotite amphibolite</u>									
		same as: 87.30-89.30 m									
		90.25-91.85: <u>slightly carbonaceous plagioclase-chlorite-biotite amphibolite</u>									
		same as: 84.00-85.90 m									
		91.85-92.15: <u>graphite slate</u>									
		same as: 83.13-83.25 m									
		not mineralized									
		92.15-99.85: <u>garnet bearing amphibole-chlorite-biotite-plagioclase schist</u>									
		same as: 69.61-71.95 m									
		99.85-100.75: <u>plagioclase-chlorite-amphibole schist</u>									
		gn, fine to medium grained, layering due to changes in amphibole and plagioclase content									



RAT - 83-02







# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	Interval		Assays					
			From	To	Cu	Mo	Pb	Zn	Au	Ag
					ppm		ppm	ppm	ppb	ppm
		59.05-60.18: chlorite-biotite-plagioclase rock 1blshgr, fine grained, interlayered by mm and cm bands of biotite rich chert and amphibole-chlorite-biotite-plagio- clase assemblages, finest stringers and lenses of carbonate, banding 60° to cax Min: po, rare disseminations								
		60.18-61.00: talky actinolite-biotite-chlorite schist gryn, fine grained, interlayered strin- gers and mm bands of chlorite-quartz- plagioclase assemblages								
		61.00-64.65: chlorite-biotite-plagioclase-actinolite schist gryn to 1blshgr, medium grained, homo- geneous, crude development of lamination, layers of carbonate biotite schist or high carbonaceous chlorite-biotite- plagioclase schist, minor mm bands of carbonate Min: po, very rare disseminations								
		64.65-70.10: quartz bearing garnet-amphibole-biotite- plagioclase schist	RAT-85-12 66.00	69.00	15		4	31	< 2	< 0.5



# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	Interval		Assays					
			From	To	Cu	Mn	Pb	Zn	Au	Ag
					ppm		ppm	ppm	ppb	ppm
		chlorite bearing quartz-plagioclase rock, variations in graphite content, Min: <u>po</u> , as stringers and disseminations, 1 Vol.-%								
	80.90-81.31	<u>graphite sinte</u> b, massive, slightly brecciated Min: <u>py</u> , as finest discontinuous fracture fillings, << 1 Vol.-%	RAT-85-15 81.00	81.81	400		16	>4000	8	1.5
	81.31-81.42	<u>chlorite bearing quartzite</u> grw, fine grained, massive with slightly orientated phyllosilicates Min: <u>po</u> , disseminations, < 1 Vol.-%								
	81.42-81.81	<u>graphite slate</u> laminated by interband of talk-chlorite-biotite schists and phyllites, in places slightly distorted here crosscutting stringers of talky material Min: <u>po</u> , spots, stringers, < 1 Vol.-%, very rare <u>spl</u>								
	81.81-88.90	<u>intermediate to felsic metavolcanics ( andesitic to quartzkeratophytic tuffs )</u>								



# DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH	RAT-83-02	Interval		Assays						
					From	To	Cu	Mo	Pb	Zn	Au	Ag	
		87.95-89.35: <u>chlorite-actinolite-biotite-plagioclase</u>			RAT-83-20	88.95	90.00	ppm 100		ppm 8	ppm 20	ppb 13	ppm 0.5
		<u>schist</u>											
		gnshyr, fine grained, homogeneous, schistosity 45° to cax											
		Min: <u>po</u> , rare disseminations											
		89.35-89.90: <u>chertlayer</u>											
		wgr, in places translucent, massive											
		Min: <u>po</u> , lumps and bigger spots, dis- continuous bands always cross- cutting, 5 Vol.-%											
		89.90-97.00: <u>talky actinolite-biotite-chlorite-</u>			RAT-83-21	90.00	93.00	45		10	48	18	< 0.5
		<u>plagioclase schist</u>			RAT-83-22	93.00	96.00	17		10	48	< 2	< 0.5
		gnshyr, fine grained, very homogeneous, intermittent concentrations of either plagioclase or Fe-Mg silicates, sections of higher quartz content interbedded, bedding 45° to cax			RAT-83-23	96.00	99.00	21		12	57	< 2	< 0.5
		Min: <u>po</u> , rare disseminations											
		97.00-101.30: <u>garnet bearing chlorite-biotite-</u>			RAT-83-24	99.00	101.30	14		12	95	< 2	0.5
		<u>plagioclase schist</u>											
		gngr, medium grained, homogeneous, in- crease in plagioclase upsection											

## DIAMOND DRILL LOG

FOLLDAL VERK A/S

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From	To	Description	DDH	RAT-83-02	Interval		Assays					
					From	To	Cu	Mn	Pb	Zn	Au	Ag
101.30	103.08	<u>banded chert</u> ( silicate facies of RIF )			RAT-83-25 101.30	103.08	ppm 290		ppm 18	ppm 64	ppb 28	ppm 1.5
		4gr. mm alternation of chert and garnet-mica slate or cumingtonite-garnet schist, locally "wavy or flaser structure", in places slightly graphitic										
		Min: <u>po</u> , concordant stringer, and flasers, disseminations, 3 Vol.-3										
103.08	113.00	<u>felsic metavolcanics</u> ( dacitic to quartzkeratophytic tuffs )			RAT-83-25 103.08	106.00	13		24	66	< 2	< 0.5
					RAT-83-27 106.00	109.00	9		10	58	< 2	< 0.5
		103.08-107.90: <u>garnet-chlorite-biotite-plagioclase schist</u>			RAT-83-28 109.00	111.00	7		8	62	< 2	< 0.5
					RAT-83-29 111.00	113.00	10		10	72	< 2	< 0.5
		1gr, medium grained, very homogeneous, crude development of banding by gradual changes in either plagioclase or biotite content, schistosity 65° to cax										
		107.90-113.00: <u>garnet-chlorite-biotite-plagioclase schist</u>										
		1hrshgr, coarse grained, predomination of "wavy or flaser structure", increase of plagioclase upsection										



