CHEVRON RESOURCES

Property Diamond Sec. MH-13 T 8 R 4 State Maine Drill Hole No. MH-13-1 Sheet 1 of 5

Scale 1" = 10' Coord. N 0 E 9 Bearing West Dip 50° Collar Elev _____ Line 0N, 9E

Logged by J. Immitt May 12, 1987

Depth	Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	SAMPLE	ASSAY
0	Overburden (OB)								
10									
12	(V-GS) - fine to medium-grained equigranular greenstone. Moderately magnetic. Plag. phenos. are somewhat highlighted. Olive green.	trace to 1% disseminated po. Weak chlorite ± sericite alteration of mafics. Weak sericite alteration of plag.							
20									
30		80 27.5' - 1/2" calcite "gash" veinlet.							
40									
50	minor chaotic flow banding.	75 52.5' - 1" band of calcite-chlorite with po ± cp.							
60	65-84' Rock is slightly finer-grained.	45 57.2' - 1" band of quartz-calcite.							
70									
80	84.5-87 - Broken zone. Deep oxidation with clay-limonite on fractures.	93-107' - 1% diss. and veinlet po.							
90		94.2' - 3" band of quartz-calcite-chlorite.							
100		70 99-99.3' - anastomosing chlorite-po veinlets							

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 4 State Maine Drill Hole No. MH-13-1 Sheet 3 of 5

Scale 1" = 10' Coord. N 0 E 9 Bearing West Dip 41.5° Collar Elev ____

Logged by J. Summitt

Depth	Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	Cu	Pb	Zn	Au	Ag
200	(V-AT)											
210		209.75-210.25 - shale clasts with 15% po ± py										
220		* note change from po to py in sulfide mineralogy										
230	gradational contact							58	<2	95		
231.25	(S-SL) - Black to grey tuffaceous graphitic slate	231.25-242 - 3-5% pyrite in slate as fine lamellae and lapilli						235	50	690		
								142	18	207		
		3.5? 238.5' - 3/4" bedded py ± po. massive						204	96	720		
240												
242	(V-AT) - grey ash tuff with strong shale component	weak bleaching of tuff. 1-10% py as fine disseminations and lamellae						208	26	520		
		6.0 237.6' Poorly banded pyrite with some lapilli in black shale						51	7	130		
247.6'	(M-S)							231	62	550	0.11	0.7
248.6'	(V-AT) Black-grey ash tuff with strong shale component. Auto-brecciated and/or reworked.											
250		238.6-264.7' - Bleaching of tuff. Rock has 1-10% sulfides as lamellae, disseminations and wisps. Py ± po at top, po ± py at bottom. Po tends to be coarser grained and recrystallized + remobilized in veinlets, py to lesser extent. Traces cp. Cu=0.1%						46	<2	123		
								68	7	131		
								166	55	245		
								78	5	101		
260								163	52	220		
								71	<2	126		
264.7'	(M.S.) - poorly to moderately banded with shale component	5.5 264.7-266.75 - pyrite - extremely fine grained. Some recrystallized + remobilized wisps with trace po.						346	76	1200	0.15	0.6
266.75	(V-AT) - grey ash tuff with strong shale component. Rock is partially reworked and autobrecciated. Slump deposition?											
270								65	<2	290		
272.25	(MS) - contorted bedding	272.25-274 - pyrite - massive + semi-massive fine + medium grained bands. recrystallized veinlets. 274-278 - recrystallized calcite. 278-288' 3-10% - po ± py as fine lamellae. Trace cp. Delicate banding with soft-sediment deformation.										
273.5	(MSS) - mixed with black shale											
274	(V-AT) same as @ 266.75'							296	102	760	0.17	0.4
								74	15	89		
278	(S-SL) Black to dark grey tuffaceous slate. Banded.							188	60	400		
280								185	50	320		
								133	32	201		
288	(V-AT) - Dark grey ash tuff massive to poorly bedded with strong black shale component	288' 36'-1% diss. py.						89	6	123		
290								58	7	112		
300	(V-AT) - Dark grey ash tuff.							76	2	90		

*275' acid survey 41.5° corrected

analyze 228 8"-32.5'

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 4 State Maine Drill Hole No. MH-13-1 Sheet 4 of 5

Scale 1" = 10' Coord. N 0 E 9 Bearing West Dip ____ Collar Elev ____

Logged by J. Annitell May 13, 1987

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Sample Interval	Sample Rec. ftg.	Sample Number	Cu	Pb	Zn
300 (V-AT)							76	2	90
306.5 (MS)	306.5-306.9 - Delicately laminated fine-grained spot py. with graphitic shale remobilized calcite veinlets in slate.						56	<2	97
306.9 (S-SL) - Black graphitic poorly bedded slate.							168	48	480
310	3-15% very fine py. by defines bedding.								
314 (MS-MSS) + shale	314-315.5 - massive to semi-massive py + shale (graphitic)						243	52	650
315.5 (S-SL) - graphitic black slate									
317 (V-AXLT) Beige to green-grey ash crystal-lapilli tuff. Weakly bedded. Subhedral broken quartz phenos. (<3mm) at 327'	315.5-317 - 5-10% finely diss py + coarser porphyroblasts. Recrystallized calcite.						45	<2	79
320 @325.3-326 - graded bedded lapilli bed.	317'↓ - very fine-grained pervasive sericite? alteration or magmatic alteration of original ash. Diss. py ± po (1%) throughout footwall.						52	<2	72
328-330 - Coarse lapilli-bed.									
330 (<12mm) - matrix supported									
332 (V-AXLT) same as above with minor dark grey mud component as clasts and in matrix.									
338.5 (V-LT) - grey-green lapilli tuff with ash matrix and ash interbeds. Subangular lapilli up to (15mm). Some are chloritic others are siliceous matrix supported. Distinctive.									
340									
350									
359.5									
360 (I-MD) - weakly magnetic aphanitic mafic like, dark grey green.	Gradual increase in chloritic alteration along with sericite?								
(V-LT) - same as above at 340' except most lapilli are of two types 1) dominant one is milky siliceous 2) other is light green sericite - quartz. More matrix, less lapilli than at 340'. Grey-green									
370									
377 (I-MD) - same as at 360' with crosscutting quartz veins									
379.75									
380 (V-LT) same as above at 370'									
389 (I-MD) same as 360'									
390									
390.8 (V-LT) same as at 370'									
400									

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 4 State Maine Drill Hole No. MH-13-1 Sheet 5 of 5

Scale 1" = 10' Coord. N 0 E 9 Bearing West Dip ? 29°(?) Collar Elev. ____

Logged by J. Immitt 5-87

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Sample Number	Assay
400 (V-LT) same							
(I-MD) - same							
410 (V-LT) same	413.5 milky-white quartz vein-anast-amosing (1")						
416 (I-MD) same							
417.5 (V-LT) - less white lapilli							
419 (I-MD) same							
420 (V-LT) same							
426.8 (I-MD) same							
428 (V-LT) same							
430							
137 (I-MD) same							
(V-LT) same							
440							
445.75 (I-MD)							
446.1 (V-LT)							
450							
450.8 (I-MD)							
451 (V-LT)							
454 (I-MD)							
457.7 (V-LT)	40						
459.5	459.5 ↓						
460 (V-AT) - phenocrystic fine-grained equigranular ash tuff(?). Rock sometimes has a banded texture with compressed ash fragments(?) other times has an equigranular igneous intrusive texture with tiny mafic + plag. phenos(?). Contains 1% of lapilli-sized white siliceous fragments similar to those in lapilli tuff at 370'. Rock is similar to mafic dikes. Perhaps mafic dikes are something else? ~~See thin sections~~ Grey-	1% disseminated and wispy po in ash tuff(?)						
470							
480							
490							
500							
505 Bottom							

* acid survey @ 495' = 29° corrected