CHEVRON RESOURCES

Property Diamond Sec. ___ T ___ R ___ State Maine Drill Hole No. mH-6-1 Sheet 1 of 5

Scale 1"= 10' Coord. N ___ E ___ Bearing East Dip 55° Collar Elev ___ Line 4N, 11W

Logged by J. Dimmick June 3, 1987

Rock Type & Structures

(OB) overburden

(V-AT) - Dark grey ash tuff with very strong black slate component. Poorly bedded. Some contact bedding.

gradational contact

(S-SL) - Black and grey banded tuffaceous siliceous (organic) slate. non-conductive. Fissile lighter grey tuff bands, black slate bands.

50-214.75 - Slate contains clasts of ash tuff as well as bands. Clasts are subangular

(V-AT) - Grey green ash tuff poorly bedded

(S-SL) same as above at 40' Black to grey tuffaceous slate

Rock has minor conductive zones starting at 92' due to graphite.

Mineralization and Alteration

1-2% finely diss py. Py coats fractures.

35'-6" anastamosing quartz - calcite veinlet

1-2% po+py as disseminations.

71.5-74 - irregular anastamosing quartz calcite - chlorite veinlets.

1% finely diss. py in tuff.

2-5% disseminated finely laminated and wisps + blebs of py + po. Sulfides are more abundant in tuff bands.

97'-6" irregular anastamosing quartz - calcite - chlorite veinlet.

Hole Depth	% Rec.	SAMPLE Interval	Rec. ftg.	Number	ASSAY

CHEVRON RESOURCES

Property Diamond Sec. ___ T ___ R ___ State Maine Drill Hole No. MH-6-1 Sheet 2 of 5

Scale 1"= 10' Coord: N ___ E ___ Bearing East Dip 55° Collar Elev ___

Logged by J. Arnott June 5, 1987

Rock Type & Structures	Mineralization and Alteration	Hole Depth	SAMPLE % Rec.	SAMPLE Interval	SAMPLE Rec. ftg.	SAMPLE Number	ASSAY
100 (S-SL) rock is conductive							
110							
111. gradational contact							
120 (V-AT) Dark grey + black fine grained tuff with strong black slate component. Banded - Contorted in places	1-2% disa. + fract. laminated py + po						
130							
136.1							
140 (S-SL) Black well-bedded and banded tuffaceous argillaceous (graphitic) slate							
150							
160							
170							
178.5-184' - abundant anastamosing quartz-calcite-chlorite veinlets.							
180							
184 ↓ - Rock is more graphitic and more conductive. Very fissile							
184-186.5 - fine graphite							
190							
200							

40

30

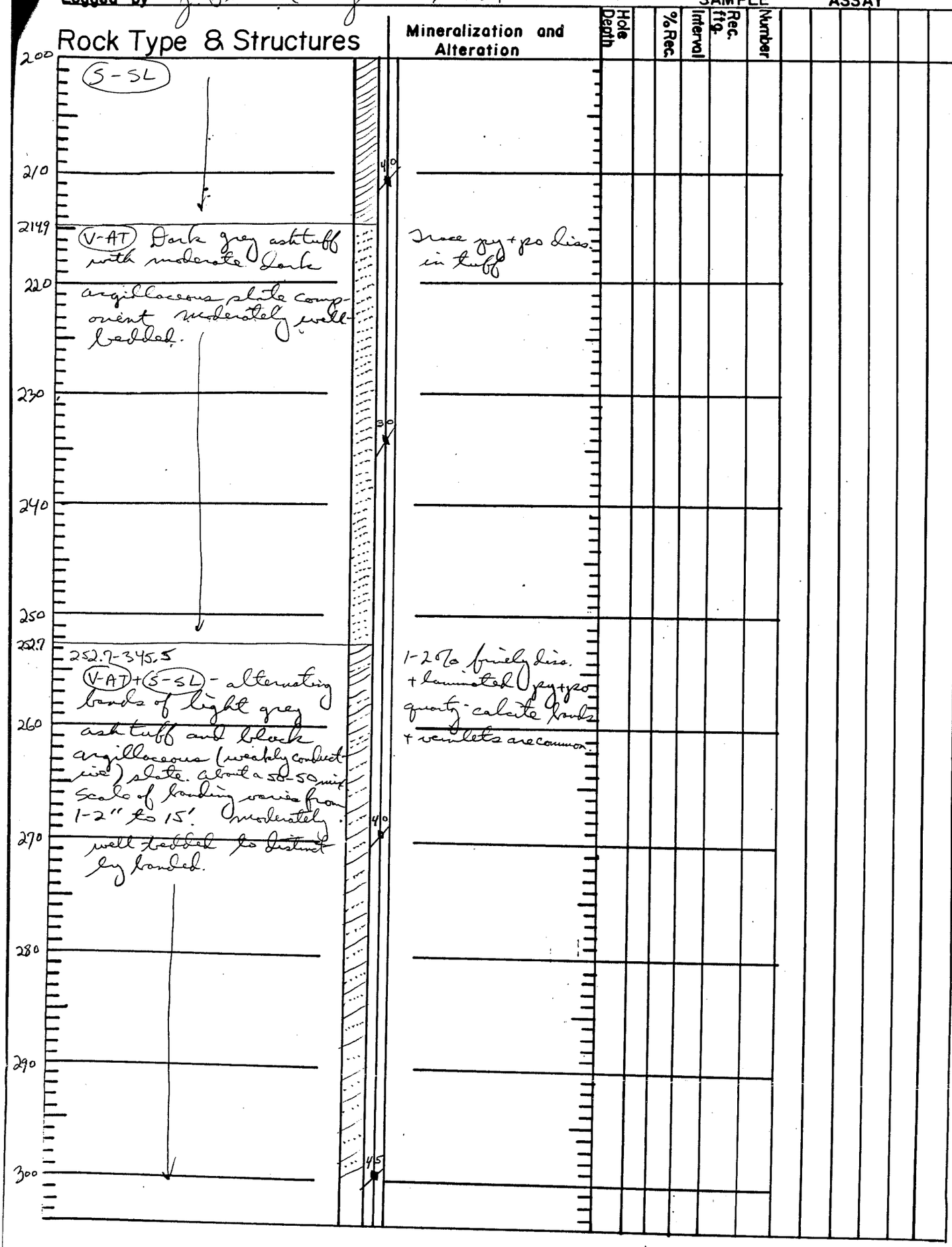
35

CHEVRON RESOURCES

Property Diamond Sec. ____ T ____ R ____ State Maine Drill Hole No. MH-6-1 Sheet 3 of 5

Scale 1"= 10' Coord. N ____ E ____ Bearing East Dip 45° Collar Elev. ____

Logged by J. Dimitt June 5, 1987



acid survey at 255' = 45°

should we analyze 330-400 ? 10' intervals

really whole column has 2-3% sulfides with this interval and end of hole the best.

CHEVRON RESOURCES

Property Diamond Sec. ____ T ____ R ____ State Maine Drill Hole No. MH-6-1 Sheet 4 of 5

Scale 1" = 10' Coord. N ____ E ____ Bearing East Dip 42.5° Collar Elev ____

Logged by J. Immitt June 5, 1987

Depth	Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	SAMPLE	ASSAY
300	(V-AT) + (S-SL)								
310									
320		45							
330									
	337' - 1/2" discontinuous band or clast (?) of massive pyrite.								
340	gradational contact								
345.5	(S-SL) Black and grey banded tuffaceous argillaceous slate.	45	3% diss. and laminated py ± po.						
350	Graphitic + conductive in several zones. Grey tuff bands of 1 to 6" alternate with black slate bands. 347' - 1/2" clast of massive pyrite		Occasional large clasts (up to 1") in slate bands.						
360	Contorted banding is common.								
370									
	378.6' - 1" clast of massive pyrite								
380		30							
	388.4' - 1" clast of massive pyrite with soft-sed. deformation around it.								
390									
	398' - 1/2" pyrite clast								
400									

acid survey at 347' = 42.5°

CHEVRON RESOURCES

Property Diamond Sec. ___ T ___ R ___ State Maine Drill Hole No. MH-6-1 Sheet 5 of 5

Scale 1"= 10' Coord. N ___ E ___ Bearing East Dip ___ Collar Elev ___

Logged by J. Summitt June 5, 1987

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	SAMPLE Interval	Rec. ftg.	Number	ASSAY
400 (S-SL)							
407-410- Broken zone with quartz-calcite filling. Structure? Bedding plane slip? Bedding becomes steeper and chaotic below structure.							
410							
420	424- 2" band with 5% pyrite as lamellae, wisps + blebs.						
430							
440							
444-453- pyrite content increases to approx. 4%							
450							
451- 1/2" clot of pyrite.							
453 Bottom							

30 27 30 30

423.5-424.5

should we analyze? 443-453- 5' intervals

CHEVRON RESOURCES

maple Hovey

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-9-1A Sheet 1 of 5

Scale 1" = 10' Coord. ~~N~~ 24S E 7 Bearing E Dip 51° Collar Elev ____ MH-9 Line 24S, 7E

Logged by J. Immitt May 1, 1987

Depth	Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Sample Interval	Sample Rec. ftg.	Sample Number	Cu	Pb	Zn	Au	Ag
0	Overburden (OB)											
10												
20												
30												
40	(V-F) - aphanitic grey felsite - rock is a phyllite but parting is due to structure not bedding abundant slickensides at various ∡'s but dominantly 40° Poor recovery (10%) rock is highly broken.	40° Common quartz-chlorite blebs. 40°		10								
50	(V-GS) microporphyritic greenstone with 10% plag. phenos. Poorly banded Poor recovery ≈ 15%	50 Rock is highly weathered		15								
60	(S-SL) - Tuffaceous slate - traces of tuffaceous lapilli in grey green slate			30								
70		45										
80	(V-GS) - grey-green massive to poorly bedded microporphyritic greenstone with 10-20% rounded plag. phenos. Andesitic? Sometimes plag grain boundaries are hard to pick out.	50		20								
90				80								
100	100-100.5' - Rock has a flow breccia appearance with plag. glomerocrysts	96.5 - Quartz-calcite-chlorite veinlet (3") 97 - same as above irregular.										

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-9-1A Sheet 2 of 5

Scale 1"= 10' Coord. N 245 E 7 Bearing East Dip 51° Collar Elev ____

Logged by J. Summitt May 1, 1987

Rock Type & Structures

100 — 101-103 - Rock is broken

104-104.5' - Rock is banded and auto-brecciated(?)

110

120

127.4'-150 - Rock is coarse-grained - porphyritic with plag. + mafic phenos. mafics are altered to chlorite. phenos up to 2/10"

130

140

150

153-155 - Rock is an auto-breccia(?)

160 — 160° Septum is equigranular fine grained. massive

170

180

190

195-198.25 - Rock is poorly banded and contains wisps and veinlets of calcite.

198.25

200 — (S-SL) Gray-green well banded tuffaceous slate.

Mineralization and Alteration

1/2'± - wisps and veinlets of black chlorite.

121.2 - 1" quartz-calcite veinlet

122 - 1" quartz-calcite veinlet

131.5 - 1/2" quartz-veinlet

145' 2 quartz-calcite veinlets 3/10"

168-177.5 - Rock is slightly more broken and oxidized

184.5 - 5" quartz-calcite-chlorite band.

185-185.3 - 4" quartz-calcite-chlorite band.

186.5-188 - Quartz-calcite-chlorite band(?) with fragments of G.S. One wall is at 10° the other at 55°. Irregular veinlets?

Slate contains pyrite laminae.

Hole Depth	% Rec.	Sample Interval	Sample Rec. ftg.	Sample Number	Assay Cu	Assay Pb	Assay Zn	Assay Au	Assay Ag
	90								
					24	42	42		
					38	6	49		

analyze - 184.25 - 188

CHEVRON RESOURCES

Property Diamond Sec. ____ T. 8 R. 3 State Maine Drill Hole No. MH-9-19 Sheet 3 of 5

Scale 1"= 10' Coord. N 245 E 7 Bearing East Dip 47.5° Collar Elev. ____

Logged by J. Dimitt May 1, 1987

Rock Type & Structures

200 — (S-SL)

202.9 — (V-GS) - same as above @ 190'

204.5 — (S-SL) - same as above @ 190'

(V-GS) - microporphyritic pyroxene with 10-20% rounded plag. phenos. Weakly magnetic, gray-green. Patchy fracture-controlled and irregular calcite veinlets. Pore spaces filled by quartz. Similar to GS above as at 190'.

210

213.5 — Contact sharp, but fracture-controlled, with lithic crystal tuff in calcite matrix.

(V-AT) - Buff-tan ash tuff. Possible compressed shards and pumice fragments. Contains rare blebs of pink chert.

220

*225' - acid survey - 47.5°

230

240

250

255 — (S-C) 2" bed of rounded ash + lapilli tuff with elongate frags of black shale.

(V-AT)

260 — (V-LT) 2" bed of lapilli-stone with "classic fire structure" (Fiamm)

262.5 — (V-AT)

(S-C) same as @ 256.5' (V-AT)

266.8 — (V-LT) 266.8' - lapilli-stone 2"

269 — (V-LT) 268.5' - lapilli-stone 2" (V-AT)

270 — (S-SL) - Black-gray tuffaceous and graphitic shale. Soft and incompetent deformation gives swirly texture. Abundant clasts and laminae of ash tuff. Conductive, magnetic. Tuffaceous bands tend to be calcareous.

290

300

Mineralization and Alteration

Irregular calcite veinlets.

Trace diss. py.

Po ± py blebs and laminae in tuff. Po is magnetic.

245-251 - abundant po wisps and laminae (5%)

254.8 - calcite blebs

Po wisps in tuff and in conglomerates.

calcite in lapillistone

Common pyrite + pyrrhotite blebs, laminae, bands + clasts / fragments of tuff contain sulfides

Hole Depth		% Rec.	Sample Interval	Rec. ftg.	Number	Cu	Pb	Zn	Au	Ag	
						38	6	49			
						62	30	78			
						52	29	82			
						58	34	83			
						51	12	97			
						62	17	104			
						119	16	153			

analyze - 198.25 - 204.5 1 sample

- 244 - 249

249 - 255.

255. - 258.5

269 - 284 5 foot intervals

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-9-1A Sheet 4 of 5

Scale 1" = 10' Coord. N 245 E 7 Bearing East Dip 47.5 Collar Elev ____

Logged by J. Summitt

Depth	Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	Cu	Pb	Zn
300	(S-SL)									
310										
		55								
320	329.7 - calcite band - 2"									
		60								
330	(V-AT) - grey-green coarse ash tuff									
	(S-SL) - Black well banded tuffaceous slate - graphitic - conductive. Clasts + bands of ash tuff	abundant po ± py as blebs + laminae in slate						62	9	93
335.5	(V-At) - grey green coarse ash tuff same as @ 331'									
339.9' 340	(S-SL) - Black well-banded tuffaceous slate with clasts + bands of ash tuff. Graphitic, conductive.	abundant po ± py as blebs and laminae in slate and in tuff breccia						70	21	110
346.7	(V-TB) - grey tuff breccia									
347	(S-SL) - [illegible]									
347.6	(V-AT) - well-laminated green-grey ash tuff. Some beds contain 10-30% lapilli. Rock is almost a slate. Becomes gradually more sedimentary with depth.									
350		55								
360		60								
370										
		65 Traces of diss. py in tuffaceous blebs and in fine matrix								
380										
388.	Gradational contact. Ash tuff becomes more and more shale-like.									
390	(S-SL) Green-grey very tuffaceous slate. Abundant ash tuff bands, blebs. Tuffaceous component tends to be calcareous.	65								
400										

analyze 332 - 335.5 1 sample
340 - 346 1 sample

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-9-1A Sheet 5 of 5

Scale 1" = 10' Coord. ~~N~~ 24S E 7 Bearing E Dip 37° Collar Elev. ____

Logged by J. Smith May 1, 1987

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	SAMPLE	ASSAY
400 (S-SL) 401' - beautiful example of soft-sediment deformation. Remobilized chloritic mud cuts tuffaceous bands.	55° 15° 405-406.5' - 1' wide quartz-calcite vein - anastomosing							
410	65° 0° 417-420' - 1/2" quartz-calcite vein with trace cp							
420 421' - Soft sediment deformation	70° 425'↓ - traces of py more common. Occurs as laminae of fine py and as coarse crystals in tuffaceous bands.							
430 434' - soft-sediment deformation 435.5 - 4" band of quartz-calcite with frags. of slate parallel to bedding	72°							
440	80 441.5-442.5 - 1% disc. py. crystals up to 2/10". 5° 449-454' - 2" wide quartz calcite veinlet - 1% coarse crystalline py (up to 3/10") in slate around veinlet. Fine pyrite lamina at 454.5'.							
450 slate becomes slightly more tuffaceous at bottom of hole with 5-10% lapilli.								
455 Bottom	80							
* acid survey at 455' = 37°								

CHEVRON RESOURCES

Property Diamond Sec. ___ T 8 R 3 State Maine Drill Hole No. MH-12-1 Sheet 1 of 7

Scale 1"= 10' Coord. N 165 E 15.5W Bearing SE Dip 50° Collar Elev ___ L 165, 15.5 W

Logged by J Dimmick June 18, 1987

Rock Type & Structures

0 — Overburden

OB

10

V-AT Grey massive to poorly bedded ash tuff.

20 Rock is highly broken, jointed and weathered down to 34'. Felsic.

30

40

50

57 gradational contact

60 Grey porphyritic tuff - with mafic phenos ≈7% - subtle V-XT - could be part of tuff unit with a phenocryst-bearing zone. Felsic

70 gradational contact

72.4 V-AT same as above at 20'

80

85.3 V-TB - Tuff breccia (?) with angular frags. of ash tuff in black matrix. Not sure if this is an in-zone matrix although there are portions of the tuff breccia unit that are parallel to the bedding. Felsic. Weak foliation parallel to bedding. Contact at 85.3 is sharp. Weak foliation parallel to bedding at 85.3.

90 94-95.5 - zone of bleached pyritic ash tuff.

98.1 V-AT - ash tuff - same description as at 20'

100

Mineralization and Alteration

ash tuff contains 1% diss. py. and 2-3% wisps of po.

Occasional small breccia veinlets (?) with quartz-calcite filling that contain ≈5% py ± po.

45.3' - 1" zone with abundant po lamellae comprising 10% of rock.

Partially chloritized mafic phenos.

Tuff contains 2-5% diss and wisps of po.

abundant calcite in matrix of breccia. Breccia contains 5-10% diss. py. in matrix and in frags. Some frags contain pyrite bands.

65

55

Hole Depth	% Rec.	Sample Interval	Rec. ftg.	Number	Cu	Pb	Zn	Ag	Au	As
					53	380	153		cont	11
					33	28	40			
					38	27	61			
					69	19	71			

(cont) ↓

analyze 80-85.3
85.3-90
90-98.1
98.1-110
110-115

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-12-1 Sheet 2 of 7

Scale 1" = 10' Coord. N 16S E 15.5W Bearing SE Dip 50° Collar Elev. ____

Logged by J. Smith June 18, 1987

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	Cu	Pb	Zn	Ag	Au	As	m
(V-AT)	Ash tuff contains 1-5% diss., wisps and lamellae of po ± py throughout						69	19	71				
							53	9	65				
Rock displays occasional auto-brecciated zones													
122-150' zones with quartz phenos?	Quartz-calcite veinlets and bands are common												
166-167' - broken zone with deep oxidation. minor structure.													
178-193 - Somewhat broken zone with abundant quartz-calcite veins + veinlets. minor brecciation.	abundant quartz-calcite veining in broken zone. 1-5% py ± po in fractures and in irregular veinlets. trace cp in veinlet at 191'.						53	160	99				
							72	5	84				
							61	3	63				7
							52	13	64				3
							71	42	320				1
							50	78	216				2

analyze 175-200 - 5 foot samples

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-12-1 Sheet 3 of 7

Scale 1"= 10' Coord. N 165 E 15.5W Bearing SE Dip 41.5° Collar Elev ____

Logged by J. Dunmill June 19, 1987

Rock Type & Structures

200 — (V-AT)

gradational contact

206 — (V-TB) - Tuff breccia. Looks like auto-brecciated or "clast-in-vent" facies of ash tuff above and below. light grey; felsic.

210

gradational contact

220

221.7 — (V-AT) - ash tuff - grey; felsic. massive to poorly bedded. Same description as ash tuff throughout hole to this point. Some disturbed and autobrecciated zones of mica (1-2') thickness. Rock contains occasional rounded + broken felsic crystals.

230

240 — 240-241 - Fragilli zone

250

257-263 - Some minor lapilli bearing zones.

260

270

272.5 — (V-AXLT) Crystal lithic ash tuff - grey - felsic. Similar to above unit with 5-20% rounded to subangular lapilli-sized (1-5 mm) fragments of ash tuff. 3-5% biotite phenos. Bit contact and broken mid-zone in some (crystal) 285' - some zones lack fragmental. Just massive ash tuff, same as what occurs throughout hole to this point.

280

290

300

Mineralization and Alteration

206-251' and at 260-265' ash tuff and Breccia contain 2-10% disp. and fract. wisps and laminated py ± po ± sp ± Sb occurs in brecciated beds with accessory pyrite. Good sphalerite occurs at 213', 217', 223', 226' and 265' - where Sb

comprise 10% of rock over short distances (0.5-3").

229-240 - abundant quartz-calcite veining

246.5-247.5 - rock contains 7-10% bands and blebs of py, po, and sp.

254-263 - Trace quantities finely disseminated arsenopyrite

263-265.1 - 1% finely disseminated, wisps and blebs of arsenopyrite (analyze for Au!)

267-275 - Broken zone with abundant quartz-calcite veinlets 3-5% po ± py ± sp in veinlets and blebs.

Lithic tuff generally contains 1-2% disseminated and wisps + blebs of po ± py ± sp

285.7-286.3 - slight discoloration (minor due to K(?) alteration + silicification in zone with 5-10% po ± py ± sp ± sphalerite and veinlets.

Hole Depth	% Rec.	Sample Interval	Rec. ft'q	Number	Cu	Pb	Zn	Ag	Au	As
					50	78	216	<.2	.011	8
					59	45	270	<.2	.009	-
					81	109	950	.2	.029	87
					91	148	1810	.2	.022	5
					121	165	1480	.3	.035	31
					81	47	1320	<.2	.009 .023	34
					74	173	960	.2	.009	47
					54	10	109	<.2	.008	7
					70	16	750	<.2	.045 .012	19
					116	87	820	.2	.045	180
					84	76	460	.2	.023	520
					71	35	219	<.2	.010	13
					104	49	337	<.2	<.005	70
					136	178	8000	.6	.030	480
					89	19	272	<.2	.012	136
					133	58	910	.3	.010	75
					65	2	173	.7	.041	10
					112	51	935	<.3	.039	15
					119	31	230	1.6	.041	15
					51	3	107	.4	.039	10
					39	<2	74	<.2	.041	2

analyze 200-263 (5' samples)
263-265.1 (1 sample) Au + Ag
265.1-270
270-277
277-285
285-287
287-290
290-300
5 foot samples

acid survey at 245' = 41.5

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-12-1 Sheet 4 of 7

Scale 1" = 10' Coord. N 16S E 15.5W Bearing SE Dip 41.5° Collar Elev ____

Logged by J. Smith June 19, 1987

Depth	Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	Cu	Pb	Zn	Ag	Au	As
300	(V-ALiT)							35	<2	69	<.2	.005	<2
	gradational contact												
308	(V-AT) - same grey felsic	ash tuff contains 1-2% diss. and											
310	massive to poorly bedded ash tuff. (pare to no lithics).	laminated py + po						61	2	81	<.2	.011	3
	309.5 - 6" tuff breccia zone - conformable							79	<2	70	<.2	.021	5
320	315.5 - 316.5 - tuff breccia							81	<2	88	<.2	.012	4
323	(V-AT) + (V-TB) - mixed zone of same ash tuff (grey massive felsic) with some auto-brecciated or "near-vent"	Breccias tend to contain 5-8% py ± po. abundant calcite in matrix and as veinlets in breccia traces cp.						161	<2	222	<.1	.020	48
330	facies of tuff breccia. minor lapilli-bearing zones.							208	<2	168	.1	.029	15
								128	<2	89	<.1	.006	62
340								77	<2	184	<.1	.011	10
								66	5	548	<.1	.016	12
347	(V-AT) - same grey felsic	ash tuff contains 3-7% disseminated						257	53	227	.4	.147	380
350	ash tuff but better bedding. Some lapilli-bearing and slightly disturbed partially-brecciated zones.	and laminated po ± py. Traces cp + sp.						480	188	564	1.5	.322	112
		365' - abundant sp wisps + lamellae (5% in a 2" thick						241	39	153	.2	.325	175
360		zone) with accessory cp.						338	193	830	.7	.460	170
370								217	56	140	.2	.211	175
	377.25 ↓ - Start of a sequence of alternating ash tuff and black slate to bottom of hole.							34	8	84	<.1	.019	3
377.25	(S-SL) - Grey + black banded	Slate contains 2-3% laminated py + po with trace cp.						78	5	97	.1	.017	4
380	tuffaceous argillaceous (graphitic in some zones) slate. Weakly to strongly conductive. abundant bands lamellae, and blocks + lapilli of tuff.							48	15	93	<.1	.007	3
390	abundant calcite in tuff bands and as veinlets and bands in slate ("sweated-out").							48	16	86	<.1	.072	5
								61	13	94	<.1	.006	9
400								215	12	123	.6	.013	10

analyze. 300-308
308-323 - five foot samples
323-347 - five foot samples
347-400 - 5 foot samples

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-12-1 Sheet 5 of 7

Scale 1" = 10' Coord. N 16 S E 15.5 W Bearing SE Dip 41.5 Collar Elev ____

Logged by J. Summitt June 19, 1987

Rock Type & Structures	Mineralization and Alteration	Hole Depth		% Rec.	Interval	Rec. ftg.	Number	Cu	Pb	Zn	Ag	Au	As
400 (S-SL)													
410													
420	70												
430													
440													
450	70												
460													
470													
480	70												
490													
497.8	65												
500 (V-AT) massive to poorly-bedded grey-green ash tuff. Abundant calcite in bands and veinlets.	1-2% po + py as fine lamellae and wisps in tuff												

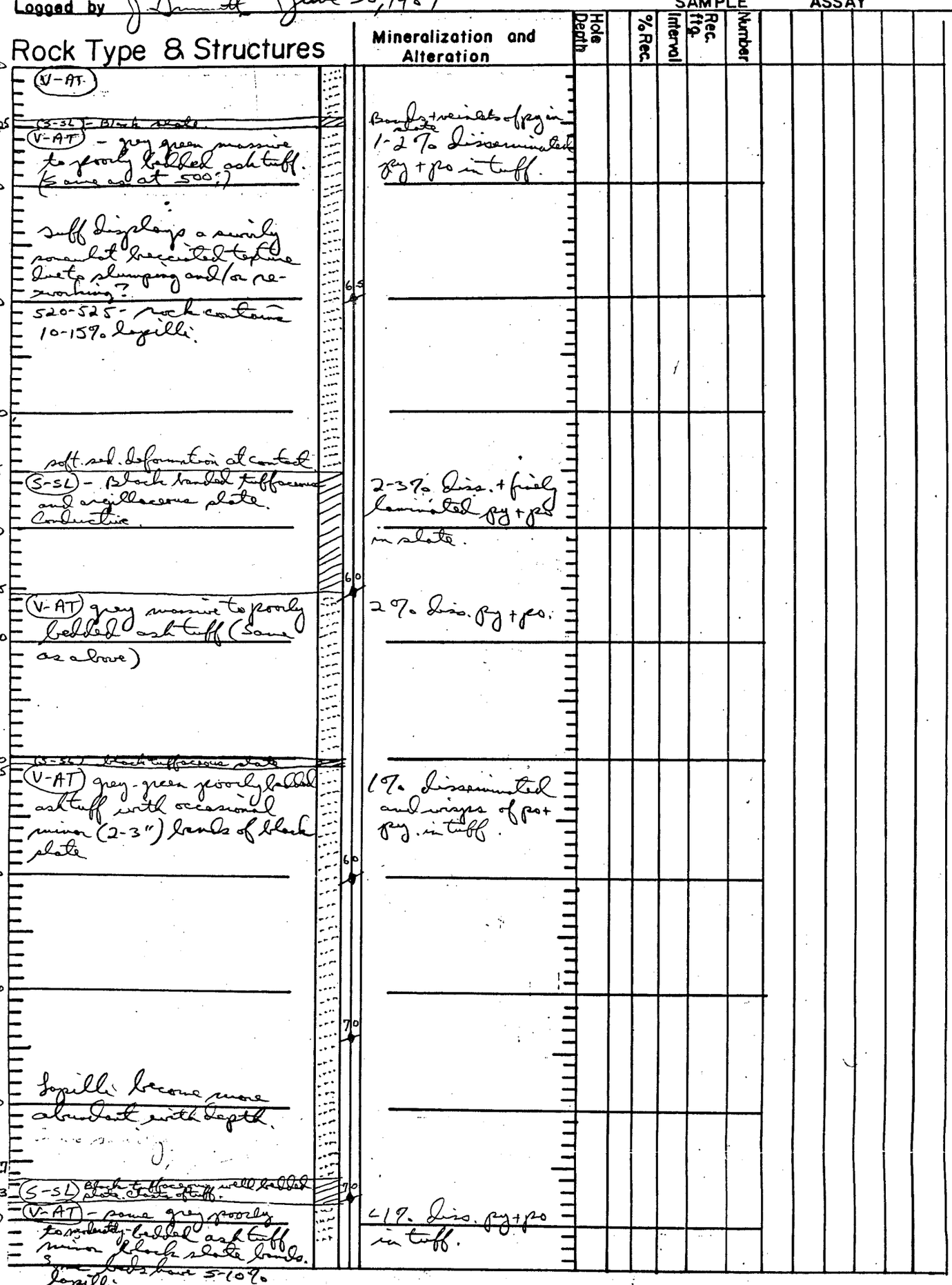
CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-12-1 Sheet 6 of 7

Scale 1" = 10' Coord. N 16S E 15.5W Bearing SE Dip 36° Collar Elev. ____

Logged by J. Summit June 30, 1987

Depth	Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	SAMPLE	ASSAY
500	(V-AT)								
504.25	(S-SL) - Black slate	Bands + veinlets of py in slate							
505	(V-AT) - grey green massive to poorly bedded ash tuff. (Same as at 500')	1-2% disseminated py + po in tuff.							
510	suff displays a swirly somewhat brecciated texture due to slumping and/or re-working?								
520	520-525 - rock contains 10-15% lapilli.								
530									
535	soft sed. deformation at contact (S-SL) - Black banded tuffaceous and argillaceous slate. Conductive	2-3% diss. + finely laminated py + po in slate.							
540									
545.5	(V-AT) grey massive to poorly bedded ash tuff (Same as above)	2% diss. py + po.							
550									
560	(S-SL) black tuffaceous slate								
560.5	(V-AT) grey-green poorly bedded ash tuff with occasional minor (2-3") bands of black slate	1% disseminated and wisps of po + py. in tuff.							
570									
580									
590	lapilli become more abundant with depth.								
596.7									
598.3	(S-SL) Black tuffaceous well bedded slate. Clasts of tuff.								
600	(V-AT) - same grey poorly to moderately-bedded ash tuff minor black slate bands. Some beds have 5-10% lapilli	<1% diss. py + po in tuff.							



acid survey at 525' = 36°

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State Maine Drill Hole No. MH-12-1 Sheet 7 of 7

Scale 1" = 10' Coord. N 16S E 15.5W Bearing SE Dip 36°? Collar Elev. ____

Logged by J. Immitt June 30, 1987

Depth	Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	SAMPLE	ASSAY
600	(V-AT) abundant calcite throughout tuff.	65							
610	Occasional clasts + swirly-textured zones may indicate some reworking?								
620									
622.5	(S-SL) - Black banded tuffaceous argillaceous slate (Conductive) Contains clasts of tuff. abundant calcite bands + veinlets.	623'-2" quartz-calcite veinlet or band (irregular anastamosing and faulted)							
630		40							
		slate contains 2-4% finely-laminated, wisps and disseminated py + po.							
640									
650		70							
655	Bottom	655'							

CHEVRON RESOURCES

Property MH-12 Sec. ___ T 8 R 3 State ME Drill Hole No. MH-12-2 Sheet 1 of 6

Scale 1" = 10' Coord. N 12 E 42 Bearing S60°E Dip 45° Collar Elev. ___

Logged by PWB (Phil W. BATEMAN)

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	% py Interval	Rec. Ftg.	Sample Number	Au	Ag	As
OVERBURDEN		0							
		20'							
grey ash and lapilli tuff foliation + bedding? + most veining between 50-60° to the core.	ubiquitous py 2-5% v.f.g. occurs interstitial to grains and in semimassive laminations rock is sericitized and has abundant			10%		20-25	.007	0	14
				5-10%		25-30'	.005	.2	12
fragments up to 1cm generally ≈ 1mm 46' qtz-cc vn 48' qtz-cc vn	calcite as qtz-cc veins and interstitial material. py also occurs in thin veins (<1mm) also in fragments		90%	5-10%		30'-35'	.004	.2	15
				10%		35'-40'	.005	.1	20
		40'							
	ave py ≈ 10%			5-10%		40'-45'	.008	.8	25
				5%		45'-49'	.007	.2	14
grey ash tuff cut by veins	py qtz ± cc veins ≈ 1mm wide cut as a stockwork, 2mm-10mm grey selvages, py also in interstices of tuff.			<5%		49'-56'	.005	.6	17
				5%		56'-61'	.008	.1	11
grey ash + lapilli tuff as at 20-40'		60'							
	as at 20-40'			5%		61'-66'	.006	.1	14
Monzonite dikes at 71-72' and 86-87'	qtz-cc vein			5-10%		66'-71'	.007	0	12
				<5%		71'-76'	.005	.2	15
				5-10%		76'-81'	.013	.4	18
		80'							
coarseing of pyroclastic now mostly lapilli size frags				5-10%		81'-86'	.054	2.2	26
				5%		86'-91'	.140	4.2	200
				5%		91'-96'	.039	.8	98
				5-10%		96'-101'	.114	8.0	140
		100'							
							[illegible]	[illegible]	[illegible]

CHEVRON RESOURCES

Property MH-12 Sec. ____ T 8 R 3 State Me Drill Hole No. MH-12-2 Sheet 2 of 6

Scale 1" = 10' Coord. N 12 E 42 Bearing S60°E Dip 45° Collar Elev. ____

Logged by PWB

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	% Py	Sample Number	Au	Ag	As	Cu	Pb	Zn
		100			5-10%	101-106	.436	6.2	1060			
		110			<5%	106-111	.023	1.6	80			
112'-: 115' large blocky fragment of buff ~~lapilli~~ ash tuff frags up to 10 cm					<5%	111-116	.011	0.6	28			
		120			<5%	116-121	.084	1.4	360			
					5-10%	121-126	.057	1.2	335			
		130			<5%	126-131	.022	0.6	166			
					5%	131-136	.253	1.8	800			
		140			5-10%	136-141	.268	5.4	260			
					5%	141-146	.100	2.4	146			
		150			<5%	146-151	.028	1.3	95			
					5-10%	151-156	.078	3.0	246			
		160			5%	156-161	.101	4.2	290			
light grey ash tuff w/ stockwork py qtz ± cc veining					<5%	161-166	.011	0.1	35			
		170			<5%	166-170	.008	0.2	28			
grey ash/dapilli tuff w/ abundant py as before					5-10%	170-175	.048	.2	26			
		180			5-10%	175-180	.038 .10	0	19 1			
bedding 50-60° to core					5%	180-185	.039	0	14			
		190			5%	185-189	.030	.2	16			
light grey ash tuff w/ wisps of py bedding ~55-60° to core					<5%	189-194	.040	1.2	148			
		200			<5%	194-199	.011	1.2	80			

CHEVRON RESOURCES

Property MH-12 Sec. ____ T 8 R 3 State ME Drill Hole No. MH-12/2 Sheet 3 of 6

Scale 1" = 10' Coord. N 12 E 42W Bearing S60°E Dip 45° Collar Elev. ____

Logged by RJR

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	% Py	Sample Rec. ftg.	Sample Number	Au	Ag	As	Cu	Pb	Zn
Lt. grey Ash tuff with some lappilli frags		200		<5%		199'-204'	.002	.4	12			
				<5%		204'-209'	.004	.2	14			
		210		<5%		209'-214'	.008	.4	12			
				<5%		214'-220'	.015	.7	35			
	lt. green yellow illite alt. with abundant vfg py laminated, minor green (fuscite?)	220		15%		220'-225'	.132	2.2	6	64	34	117
				15%		225'-230'	.180	2.4	13	56	15	110
		230		5%		230'-235'	.034	.6	19			
				<5%		235'-240'	.049	.8	20			
Lt grey to med. grey Ash tuff with lappilli frags.		240		<5%		240-245	.016	1.0	16			
				<5%		245-250	.014	.4	15			
		250		<5%		250-255	.007	.2	15			
				<5%		255-260	.014	.1	10			
		260		5%		260-265	.013	.4	24			
				5%		265-270	.021	.6	20			
		270		5% 10%		270-276	.016	.4	16			
278-282' Blocky fragments of of light ash tuff				10% 15%		276-281	.059	.6	93			
CA 65°	vfg py laminations in green yellow sericite illite alteration (similar to 220-232')	280		15%		281-286	.061	0.5	31	43	13	66
	brecciated fragments of altered ash tuff 1-4 cm with interstitial py			10%		286-291	.044	.7	24			
Lt Grey Ash tuff lappilli		290				291-296	.036	.6	20			
						296-301	.045	.6	36			
		300										

CHEVRON RESOURCES

Property MH-12 Sec. ____ T 8 R 3 State ME Drill Hole No. MH-12 2 Sheet 4 of 6

Scale 1"= 10' Coord. N 12 E 42W Bearing S60°E Dip 45° Collar Elev. ____

Logged by RJR

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	SAMPLE Interval	SAMPLE Rec. ftg.	SAMPLE Number	ASSAY Au	ASSAY Ag	ASSAY As
Light grey Ash Tuff		300				301 - 306	.073	1.0	24
						306 - 311	.026	.8	30
		310				311 - 315	.019	.4	28
						315 - 320	.114	1.2	76
		320				320 - 324	.058	1.0	26
Starting around 322' Alteration more intense with lt green-lt grey crystal tuff, lt to med grey lapilli tuffs py up to 10% in places						324 - 329	.059	1.0	100
		330				329 - 334'	.015	0.4	21
				<5%		334 - 338	.021	.5	40
		340				338 - 344	.005	.1	41
				<5%		344 - 350	.058	1.0	42
		350		5 - 10%		350 - 355	.090	1.2	40
				5%		355 - 360	.103	1.1	91
		360				360 - 365	.064	0.8	52
				5%		365 - 370	.096	1.0	320
		370				370 - 375	.185	1.5	235
				5% - 10		375 - 380	.058	1.0	61
		380		5% - 10%		380 - 385	.044	1.1	200
				5%		385 - 390	.016	.6	31
		390		<5%		390 - 396	.010	.4	15
Starting at ± 394' to 400' large blocky fragments of buff x-tal tuff with py within and around fragments	02: within			5 - 10%		396 - 400	.049	.6	28
		400							
Back to layered Ash Tuff 70° to CA with abundant pyrite									

CHEVRON RESOURCES

Property MH-12 Sec. ____ T 8 R 3 State ME Drill Hole No. MH-12 2 Sheet 5 of 6

Scale 1"=10' Coord. N 12 E 42W Bearing S60°E Dip 45 Collar Elev ____

Logged by RJR

Rock Type & Structures

grey Ash tuff with abundant Py bands of lt greenish yellow alteration along with py

CA @ 65°

medium lt grey porphyry

phenocrysts of feldspar & qzt predominently with some mafics phenos altered to chlorite in a light grey to greenish grey matrix

Mineralization and Alteration

sulfides 10-15% - py, some po

3" calcite veins

minor py some po disseminations & veinlets < 5%

12" rusty qzt calcite vein

12" calcite vein

3" calcite vein

From ~457' to 473' porphyry has a mottled appearance with light yellow green silicified zones & calcite

medium grey alteration zone phenocrysts are less distinct

12" qzt vein

Hole Depth	% Rec.	Interval	Rec. ftg.	Sample Number	Au	Ag	As
400		5' 10%		400	.039	.6	32
				405			
		10%		405	.038	.9	15
410				410			
		10 15%		415	.107	2.5	79
		10 15%		415	.094	1.7	32
420				420			
		5%	0	420	.092	.9	12
				426			
		<5%		426 431	.003	.1	5
430							
		<5%					
				436			
440							
				446	.006	.1	24
450				446	.009	0	9
				456			
					.003	0	4
460				456 466			
470							
480							
490							
500							

CHEVRON RESOURCES

Property MH-12 Sec. ____ T 8 R 3 State ME Drill Hole No. MH-R 2 Sheet 6 of 6

Scale 1"= 10' Coord. N 12 E 42W Bearing S60°E Dip 45 Collar Elev ____

Logged by RJR

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Rec. ftg.	Interval	SAMPLE Number	ASSAY
medium light gray		500			∠ 5%		
						505 – 515	0 0 3
Starting porphyry at 515 porphyry is sheared 50° to CA with calcite vein 1-2" cross cutting [Either that or were back into a xtal lithic tuff]	light olive gray alteration (clay minerals) Sulfides < 5% py, po, trace cpy	520				515 – 522	0 0 5
Bottom of hole @ 523'							

Hole No. MH-12-3
Property Maple Hovey MH-12
Location T8R3
Project Code X42021
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E -45° (-42° @ 200') 36° 440'
Drilling Date 10/3/88

Collared L16N 43W
Logged By PW Bateman
Date 10/6/88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH (ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			10			OVERBURDEN			
		bedding 45° ca	20	<5% py		ash + lapilli tuff bedded 45° to core ~~mostly non-qtz bearing~~ much is qtz-eye-bearing lapilli some ash tuff as well	.044	.6	27
				<5% py		5-10% black 1-2mm lapilli - v. stretched pyrite as laminations ≤1mm and as ≤m long wisps and mostly as disseminations in matrix	.018	.8	22
				<5% py		carbonate (cc) is abundant, up to 5% of rock in light tuff frags. and in veins subparallel to the bedding (also dissem. in matrix)	.017	.5	33
		graded? ↑ fine at 34'?	30	5% py		rare fuchsite in lapilli	.093	.6	212
		1" qtz cc vein at 36'		<5% py		sericite/illite alteration common but not pervasive	.067	.9	105
		bedding ≈50° ca	40	5% py		30-32', 34-38' fine ash tuff, clay, w/qtz-cc frags and veins 32-34' v. fine ash tuff/mudstone 38-45' primarily fine ash tuff/mudstone, fine py	.054	1.6	70
	80%		50	<5% py		45-54' alt. clay with dk grey siltstone fragments and layers. matrix is illite? rare fuchsite cc v. rare here	.015	.3	7
				<5% py		55-64' ash tuff ± lapilli of qtz-cc-leucoxene-plag lapilli slightly altered grains <1mm minor py	.009	.3	6
				<5%		some clay/sericite alt.	.010	.5	20

Hole No. MH-12-3
Property Maple Hardy MH-12
Location TBR3
Project Code X42021
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E -45
Drilling Date 10-88

Collared L16N 43W
Logged By PWBatum
Date 10/6/88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			80	<5% py		69'-70' poorly to moderately bedded ash tuff grains ~~[illegible]~~ not much alteration - some cc minor py - occasional 1-3cm layer of pyritic mudstone ie @ 67' 55° ca coarse section around 69-70' some frags lapilli size			
	92%	bedding 55° ca.	~~80~~ 70	<5% py		70-73' v. f.g. ash tuff or mudstone minor wispy py	.017	.4	55
						73-75.5' ash - lapilli tuff w/ cc ~~[illegible]~~ py (≈5% py)			
			80	<5%		~~75.5-8~~ 75.5-85 fine ash tuff, variably bleached	.004	0	7
		bedding 60-65° ca	90	<5%		85-96 crystal ash tuff ovoid xtals nowaltered, soft, prob were feldspars 60-65° ca	.003	.0	8
						96-100.5 ash tuff w/ py ≈5% as whisps, veins, disseminated cc veining			
			100	5%		100.5-105 as above with 5-20cm patches of buff - pale green ash tuff w/ py and occasional fuchsite cc veining	.073	1.1	115
		bedding 65° ca	110	<5%			.024	0.2	56
						NOTE 113 marked 123 in box - changed all down hole			

2

P3

Hole No. MH-12-3
Property DIAMOND - MH-12
Location TBR3
Project Code X41021
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E @ -45°
Drilling Date 10-88

Collared 16N 43W
Logged By [illegible]
Date 10/6/88
Comments

DIP = -42° @ 200'

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH (ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			120	<5% py po		105' - 127'			
						grey ash tuff with streaks, whisps of py at 122.5' 3 cm of semi-massive py abundant calcite	.011	<.1	7
			130	<5% py po					
		bedding 65° c.o.				127-131 light grey ash tuff minor py abundant cc veins, blebs	.017	0.2	46
				<5% py po		131 - 138' dark grey ash tuff w/ py in bands, whisps 2cm semi-massive at 133.5'			
			140			138' - 145.5' crystal ash ~~tuff~~ lapilli tuff pale coloured abundant qtz - cc veins, blebs xtals are avoid saussuritized felag?	.012	0.3	31
			150	5% py		145.5 - 155 dk grey ash tuff w py as above	.007	0.1	4
				<5%		155 - 177 dk grey tuff as above w/ xtal tuff portions and porphyry			
			160			177 - 182' porphyry (feldspar, minor amphibole)	.006	0.1	2
				<5%		182 -			
			170				.005	<0.1	2

Hole No. MH-12-3
Property DIAMOND
Location T8R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By PWR
Date 10/6/88
Comments

DIP = -42° @ 200'

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			180	<5%		182 – 193 sheared, altered tuff w/ porphyry qtz ± cc veins at 182 (10cm) 188 (5cm) 192.5 (8cm) minor	.005	0.1	<2
			190	<5% py po		193 – 196 altered porphyry qtz vein at 196 (3cm)	.006	0.1	3
			200	<5% py po		196 – 219 mixed altered ash tuff, porphyry highly contorted ~~in places~~ thru 206 – 212 qtz vein at 198 (20cm) abundant qtz – cc veins some at 90° to bedding	.010	<0.1	4
			210	<5% py po			.008	<0.1	7
			220	<5% py po		219 – porphyritic intermediate rock w/ qtz – (cc) filled amygdules up to 1cm (generally around 0.5cm)	.008	<0.1	10
			280	<5% py po		felsite dike (sill) at 223.5 – 224.5' has abundant qtz veins ⊥ to contacts contacts are 50 – 60° ca	.008	0.1	4
				<5% py po					

Hole No. MH-12-3
Property DIAMOND
Location T8R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S 60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By MB
Date 10/7/88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			240	<5% py po	V 0	268 intermediate porphyritic amygdular volcanic	<.005	<.1	4
			250'	<5% py po	0 0		<.005	<.1	4
			260	<5% py po	0 0		.005	<.1	6
		1" q.v. at 271.5'	270	~5%		270 – 344' green l.s. v.f. ash tuff ± mudstone variable clay + sericite alteration dependent py as disseminations in matrix, fine laminations and wisps cc common as thin veinlets and interstitial fillings	.014	0.1	8
		bedding 66° c.a.	280	~5%		2" q.v. at 285.5' 299-303' similar tuff, lower py	.005	<.1	<2
			290	~3%			.005	<.1	5
			300						

Hole No. MH-12-3
Property DIAMOND
Location T8R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S 60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By PW Bateman
Date 10-6-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERAL-IZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			300	~5% py			.039	.1	13
			310	~5% py		313' - 322' ash to lapilli tuff frags ≈ 1-3 mm	.020	.1	15
			320	~5% py		322' - 334' abundant qtz-cc veining ≈ 05 cm wide veins	.015	.1	14
			330	5 - 10% py		@ 332' pale yellow-green alt over 10 cm, minor fuchsite	.038	.4	13
		bedding 70° ca.	340	~5% py		344' - 360' lapilli tuff, fragmental avoid grey frags. up to 2 cm rimmed by py frags are ash - lapilli tuff sim to matrix. 2" qtz. vein @ 344'	.089	1.9	68
			350	~5% py			.078	2.2	34
			X						

Hole No. MH-42-3
Property DIAMOND
Location T8 R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S 60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By FGR
Date 10/17/88
Comments

DIP = 30° @ 440'

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERAL-IZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			360	15%		360 - mostly ash tuff as above w/ some intercalated lapilli tuff as above moderate alteration (clay / sericite) dissolved py (fine)	.146	1.5	122
			370	~5%		coarser py at 363-364 ft minor buff-yellow alteration rare fuchsite	.282	4.1	211
			380	~5%		378' - 386' minor buff-yellow green alteration same coarsely dissolved py	.228	5.5	170
			390	5-10%			.085	3.8	179
			400	~5%		402' - 407' minor buff - pale yellow green alteration same coarsely dissolved py rare fuchsite	.117	2.5	227
		bedding 70 -25° ca	410			fuchsite - illite patches at 412', 413'	.040	0.7	36
			420						

Hole No. MH-12-3
Property DIAMOND
Location TBR3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S60°E -45°
Drilling Date 10-88

Collared 16N 43W
Logged By P W Bateman
Date 10-6-88
Comments

DIP = -30° @ 440'

RECOVERY	STRUCTURE	DEPTH (ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
		420	10% py		ash tuff	.017	.3	11
		430	<5% py		427' - 450' amygdalar, porphyritic? grey volcanic qtz-cc amygdular breccias (flow top?) at 430' 443' tops probably up hole	<.005	<.1	4
		440	<5% py		qtz-cc veining at 439', 440' x 2" interflow sediment at 449'	.009	<.1	3
		450	<5% py		450' - 476' porphyritic intermediate flow and crystal lapilli ash/lapilli tuff lapilli up to 2cm long, black shale or mafic frags phenos are feldspar			
		460						
		470	<5%		476 - 480' breccia w/ large 2-3" fragments of rhyolite? in mafic fissile matrix	.048	<.1	2
		480						

Hole No. MH-12-3
Property DIAMOND
Location T8R3 Me.
Project Code
Drilling Co.

Total Depth 546'
Elevation
Azimuth, Dip S 60°E @ -45°
Drilling Date 10-88

Collared 16N 43W
Logged By P W Bateman
Date 10-6-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			480			480' - 496'			
						ash tuff w/ minor rhyolite?	.033	<.1	3
			490			496 - BOHO	.005	<.1	3
						massive poorly bedded crystal			
						ash/lapilli tuff			
						xtals or feldspar			
			500			lapilli up to 1" dark grey tuff, chrome			
						and/or mafic volc.			
						qtz ~~vein~~ cc vein w/ good colloform			
						banding at 523.5 - 524.5 and			
			510			543.5 to 544			
			520						
423.5 - 24.5							.014	<.1	4
			530						

p16-1

Hole No. MH-12-3
Property DIAMOND
Location T8 R3
Project Code
Drilling Co. Kennebec

Total Depth 546'
Elevation
Azimuth, Dip S 60°E @ -45°
Drilling Date 10-88

Collared 16N 43W
Logged By PW Bateman
Date 10-6-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERAL-IZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			540			BO HO 546'	.053	<.1	<2

Hole No. MH-12-4
Property MAPLE HOVEY TBR3
Location MH-12, 28N 48W
Project Code X41021
Drilling Co. Kennebec

Total Depth 605'
Elevation
Azimuth, Dip S60°E @ -46°
Drilling Date 10/29/88

Acid test -40° @ 200'
-32° @ 400'

Collared 28N 48W
Logged By PWR
Date 11/2/88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			0			0-70' rubble overburden (cased to 64')			
			10						
			20						
			30						
			40						
			50						
			60						

Hole No. MH-12-4
Property MAPLE HOVEY MH-12
Location TBR3 28N 48W
Project Code X41621
Drilling Co. Kennebec

Total Depth 605'
Elevation
Azimuth, Dip S60°E -45°
Drilling Date 10-29-88
-40° @ 200'
-32° @ 400'

Collared 28N 48W
Logged By PWB
Date 11-2-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			60	6		70'-97'			
						feldspar porphyry probably intrusive but may be flow or xtal tuff, weak lamination may be bedding? or more probably shearing	.0		
			70			feldspar phenocrysts ≈ 20-40% of rock <1mm to 5mm, subhedral to euhedral			
70'				≈5%		mostly subhedral pyrite occurs			
80'				py		as disseminations in matrix, replacing	.048	0.1	42
			80			phenocrysts, and as thin (<1mm wide)			
80'						veinlets 94-95' 1% black mineral,			
				≈5%		probably amphibole (maybe biotite)			
90'			90	py		many feldspar phenos part altered to cc	0.057	<0.1	17
						cc also in veinlets (pyr-cc veins <1mm to 1cm)			
90				≈5%					
-97'				py			.035	<0.1	11
						97'-170'			
97'		bedding 45° ca	100	≈15%		ash tuff (dk grey) to fine grey			
104				py		well laminated cc blebs up to 2mm cc-pyr	.123	<0.1	8
						veins upto 1cm py occurs as			
104'						disseminations in matrix and as wisps along			
				10-15%		laminations. very sericitic throughout			
114'			110	py		104' 6" of rubble in hole - prob. fell			
						down hole.			
114				5-10%					
-124'				py		py is semimassive over areas upto	.292	<0.1	12
			120			1cm wide			

Hole No. MH-12-4
Property DIAMOND T8R3
Location MH-12 28N 48W
Project Code
Drilling Co.

Total Depth 605'
Elevation
Azimuth, Dip S60°E @ -46°
Drilling Date 10-88

Collared 28N 48W
Logged By P W B
Date
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS ppm Au	Ag	As
			120			most cc veinlets // to bedding	.292	<0.1	12
			130	~10%			.240	1.3	17
				~10%					
		bedding 42° ca	140				.147	1.5	19
				5-10%					
		bedding 50° ca	150				.043	0.1	10
				5-10%					
		bedding 55° ca	160				.023	<0.1	9
				5-10%					
			170		gradational		.018	0.1	5
			180				<.005	<0.1	5

Hole No. MH-12-4
Property DIAMOND
Location MH-12 28N 48W T8R3
Project Code
Drilling Co.

Total Depth 605'
Elevation
Azimuth, Dip S 60°E @ -46°
Drilling Date 10-88

Collared 28N 48W
Logged By PWB
Date 11-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH (ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS AU	AG	AS
184 - 204' (sample splitting screw up)			180	10% py		170' - 215 mixed ash tuff, pyritic sericitic w/ porphyry (minor) abundant 25% cc-qtz veins, most parallel, subparallel to bedding	<.005	<0.1	5
			190	5-10% py			<.005	<0.1	7
			200	5-10% py					
			210	5-10% py			<.005	<0.1	3
		cc (qtz) veins		<5% py		215' - 220' 80% cc-(qtz) veining at least 4 major veins	<.005	<0.1	<2
			220	5% py			<.005	<0.1	<2
			230	5% py			<.005	0.1	<2
			240						

Hole No. MH-12-4
Property DIAMOND TBR3
Location 28N 48W
Project Code
Drilling Co.

Total Depth 605'
Elevation
Azimuth, Dip S60°E @ -46°
Drilling Date 10-88

Collared 28N 48W
Logged By PWB
Date 11-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	AG	As
			240	<5% py		215' – feldspar porphyry pyritized, sericitized, silicified? probably feldspar andesitic stall tuff	.008	0.1	2
			250	<5% py		phenos ave ≈ 1-2 mm subhedral make up about 10-20% of rock on average. pyrite occurs interst. in matrix as fine disseminations, as replacements of some plag phenos, and as 1mm wide stringers	.010	0.5	<2
			260	5% py		- in places porphyry has crude banding or lamination ∥ to that of the ash tuff	.009	0.6	<2
			270	5-10% py		cc common as alteration of feldspar phenos, as small 1mm - 1cm blebs and as cc-(qtz) veins 1mm to 10cm wide	.008	0.6	2
			280	5% py		253' 2cm cc vein 260' " " 266' 8cm cc vein 284' 1cm cc vein 300' 3cm cc vein	.009	0.6	<2
			290	5% py		major set of veins has minor set roughly ⊥ to the first	.009	0.5	3
			300						

Hole No. MH-12-4
Property DIAMOND T8R3
Location 28N 48W
Project Code
Drilling Co.

Total Depth 605'
Elevation
Azimuth, Dip S60°E @ -46°
Drilling Date 10-88

Collared 28N 48W
Logged By PWB
Date 11-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			300	300					
				<5% py	qv		.005	0.3	2
			310	310		306' 3cm qv.			
				5% py			.005	0.1	<2
			320	320					
				<5% py			<.005	<0.1	<2
			330	330					
				<5% py		~~chlorite~~ at 334' 1 foot missing - rubble not assayed	<.005	<0.1	2
				<5% py					
			340	340 py		ca ≈ 50° foliated laminated fine grained arg	<.005	<0.1	2
				5% py					
			350	350		ca ≈ 55° " "	<.005	<0.1	3
355				5-10% py		ca ≈ 55° " "	.005	<0.1	<2
360			360	360					

Hole No. MH-12-4
Property Diamond TBR3
Location 28N 48W
Project Code
Drilling Co.

Total Depth 605'
Elevation
Azimuth, Dip S60°E @ -46°
Drilling Date 10-88

Collared 28N 48W
Logged By P W Bateman
Date 11-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			360				<.005	<0.1	<2
						366.5' break between fine laminated ash tuff and coarse xtal tuff - coarse is down hole	.008	<0.1	3
			370			~ 55° ca	.006	<0.1	6
						xtal tuff	.010	<0.1	3
			380			ash tuff laminated	.010	<0.1	4
						384' break fine laminated, coarse xtal tuff	.014	0.5	12
			390			coarse down hole	.020	0.3	14
						coarse xtal tuff	.021	0.2	8
						ash tuff	.015	<0.1	7
						396' 2" wide conductive semi-massive pyrite band	.014	<0.1	4
			400			fine laminated ash tuff as before	.011	0.1	3
						rare fuchsite ash lapilli throughout	.020	.2	12
			410						
			420						

Hole No. MH-12-4
Property DIAMOND TBR3
Location 28N 48W
Project Code
Drilling Co.

Total Depth 605'
Elevation
Azimuth, Dip S60°E @ -46°
Drilling Date 10-88

Collared 28N 48W
Logged By PWB
Date 11-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			420	5% py		421' 421.5-1" wide py cemented cc breccia	.108	2.9	17
				5% py	A	423-423.3' 2 1" wide reconductive impregnation py bands 55° ca	.519	2.8	15
			430	5% py	A	427' - 453' ash tuff cc veined	1.510	5.9	55
		bedding ca ~55°		5% py	A	453' - 465' xtal tuff w/ breccia fragments of mdd stone cc veining common	.051	1.4	23
			446	<5% py	A		.027	0.7	13
				5% py	A		.026	0.5	18
			450	5% py	A	gradational	.030	0.6	13
				5-10% py	A		.066	1.9	18
			466	5% py	A		.078	2.0	12
				5-10% py	A		.050	1.9	12
			470	5% py	A		.071	1.8	10
				5% py	A		.045	1.1	15
			480						

Hole No. MH-12-4
Property DIAMOND TBR3
Location 28N 48W
Project Code
Drilling Co.

Total Depth 605'
Elevation
Azimuth, Dip S60°E @ -46°
Drilling Date 10-88

Collared 28N 48W
Logged By PWS
Date 11-88
Comments

SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERAL-IZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As
			480	5% py		465 – 562 mixed ash tuff and feldspar lithic tuff	.045	1.0	21
				5% py			.039	0.9	74
			490	5% py			.031	0.7	15
				<5% py			.022	0.4	6
			500	<5% py			.020	0.3	5
				<5% py			.019	0.2	5
			510	<5% py					
				<5% py			.016	0.2	4
		bedding ca ~55°	520	<5% py			.012	0.3	6
535 – 545			540				.005	0.2	5

Hole No. MH 12-4
Property DIAMOND T8R3
Location MH-12 - 28N 48W
Project Code
Drilling Co.

Total Depth 605
Elevation
Azimuth, Dip S60°E @ -46°
Drilling Date 10-88

Collared 28N 48W
Logged By PWB.
Date 11-88
Comments

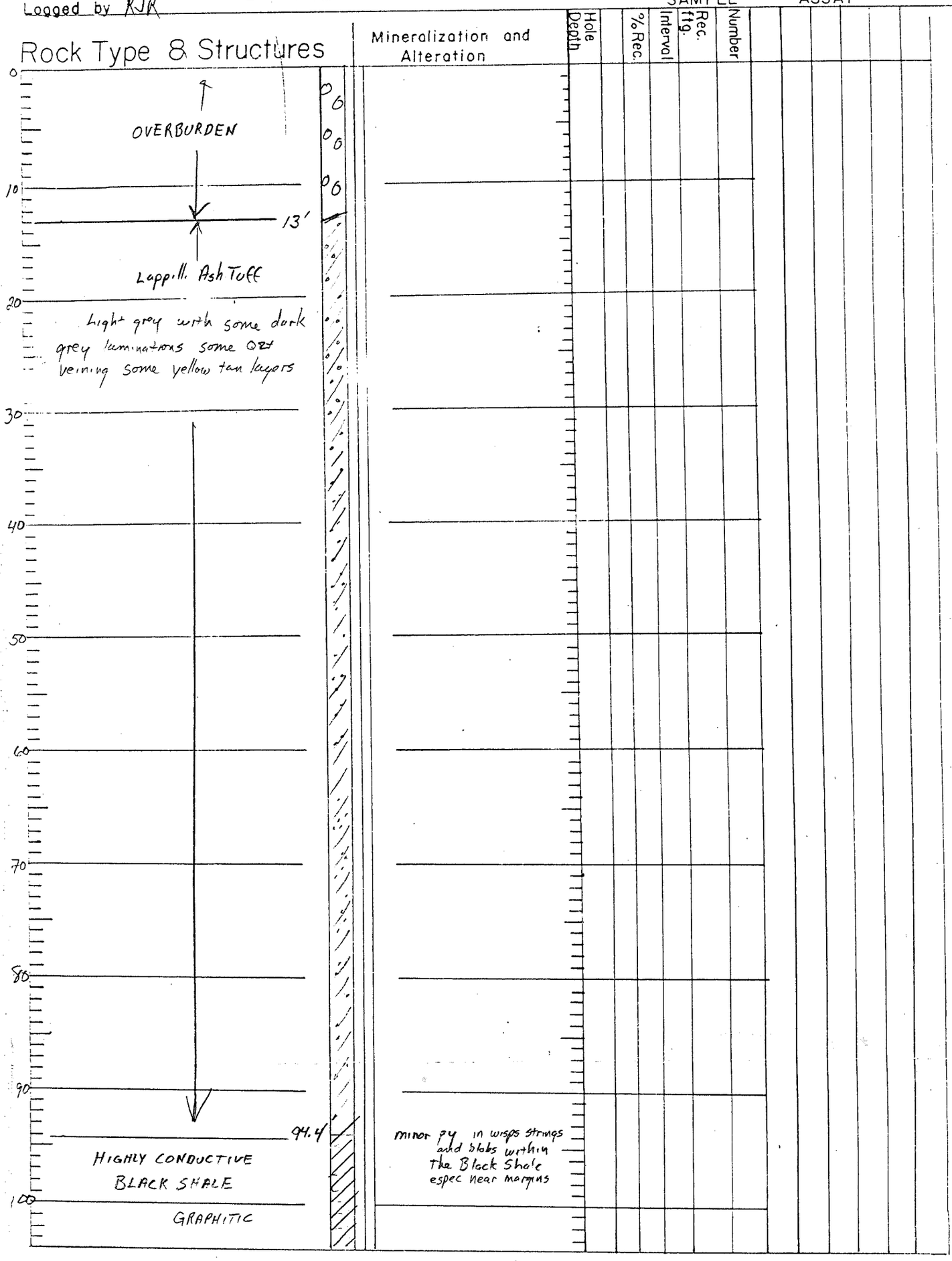
SAMPLE LOCATIONS	RECOVERY	STRUCTURE	DEPTH(ft.)	MINERALIZATION	GRAPHIC LOG	DESCRIPTION	ASSAYS Au	Ag	As			
			<5% py	540			.005	0.2	5			
			<5% py	550			.006	0.2	5			
			<5% py				.008	0.2	5			
555 - 562			5% py	560	gradat	562 - 566 qtz feldspar xtal tuff greenish tan matrix of clay, xtals ≈ <1mm to 2mm some v. fine sherty mud at 563', 562.5'	.012	0.2	5			
562 566			<5% py				.009	0.2	2			
566 570			5% py		gradation		.013	0.1	8			
570 575			<5% py	570			.008	0.1	5			
			<5% py	580		566' - BOHO poorly bedded fine to coarse xtal andesitic tuff feldspar, clay matrix	<.005	0.2	7			
			<5% py	590			.006	<0.1	5	5		
595 605			<5% py	600		1½ cc ven 597' ca 10° BOHO 605'	<.005	<0.1	2	2		

CHEVRON RESOURCES

Property Diamond Sec. ____ T 8 R 3 State ME Drill Hole No. MH-15-1 Sheet 1 of 4

Scale 1"= 10' Coord. N 20 S 26W Bearing East 90° Dip -50° Collar Elev ____ 1987

Logged by RJR Line 20N 26EW



CHEVRON RESOURCES

Property DIAMOND Sec. ____ T 8 R 3 State Me Drill Hole No. MH-15-1 Sheet 2 of 4

Scale 1" = 10' Coord. N 20 ■ 26W Bearing East Dip -50° Collar Elev. ____ 1987

Logged by RJR

SAMPLE ASSAY

Rock Type & Structures | Mineralization and Alteration | Hole Depth | % Rec. | Interval | Rec. ftg. | Number

100 HIGHLY CONDUCTIVE BLACK SHALE

110

120 45°

121.5

merges into Laminated Grey to dark grey Tuffaceous Mudstone

130

140

150

160

170 GREY TO DARK GREY SILICIOUS Tuffaceous Mudstone

180

Ash

190 LIGHT GREEN TUFF with some Qtz veining

200

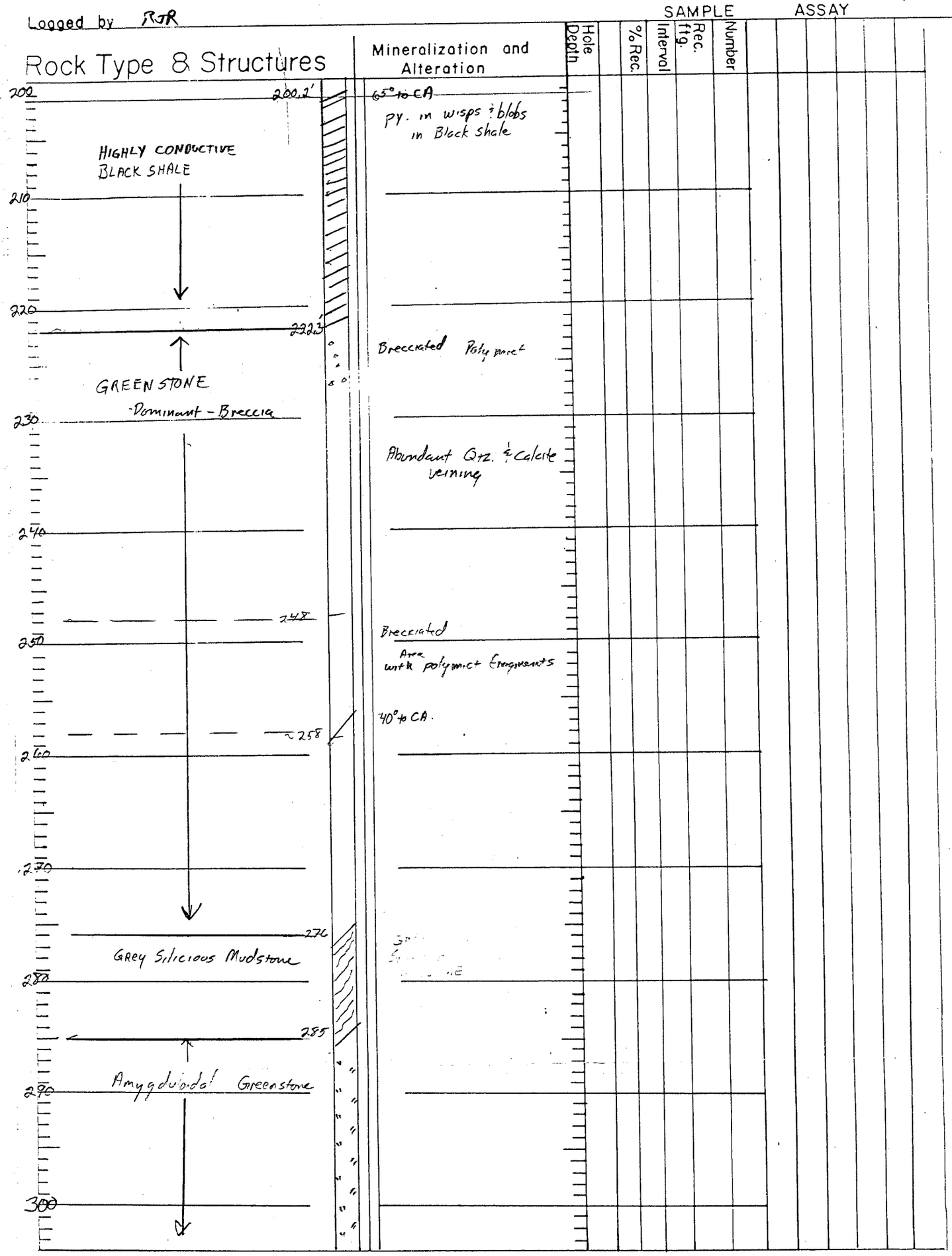
CHEVRON RESOURCES

Property DIAMOND Sec. ____ T 8 R 3 State Me Drill Hole No. MH-15-1 Sheet 3 of 4

Scale 1"= 10' Coord. N 20 ● 26W Bearing East Dip -50° Collar Elev. ____

1987

Logged by RJR



CHEVRON RESOURCES

Property DIAMOND Sec. ____ T 8 R 3 State Me Drill Hole No MH15-L Sheet 4 of 4

Scale 1"= 10' Coord. N 20 ⊗ 26W Bearing East Dip -50° Collar Elev ____

1987

Logged by

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval ftg.	Rec. Number	SAMPLE	ASSAY
300							
Amygdaloidal Greenstone							
310							
320							
330 GREY SILICEOUS MUDSTONE	6" Qtz vein separates sediment from flow CA = 30°						
340 Amygdaloidal GREENSTONE							
350							
360							
370							
380	quite alot of qtz & calcite veining near contact where it merges to tuffaceous zone						
Laminated Tuffaceous Mudstone siliceous in places Light & dark grey bands some yellow tan Some GSTN. layers also							
390							
397'	3-5% Py area at contact between tuff & Black Shale						
Carbonaceous BLACK SHALE HIGHLY CONDUCTIVE							
400							
BOHO @ 402'							