CHEVRON RESOURCES

Property Ragged Sec. ____ T 9 R 10 State Me. Drill Hole No. RAG 1 Sheet 1

Scale 1" = 10' Coord. N ____ E ____ Bearing S45E Dip -45 Collar Elev ____

Acid Test:	Apparent	Actual
375'	46°	40°
525'	45°	39°

Logged by CPW

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	SAMPLE	ASSAY
Overburden Hole cased to 13'		10						
Argillite/Mudstone/Siltstone w/ semi to massive pyrite interbeds, shaley cleavage 50%	qz + calcite vls (2-6/FT) some contorted few py streaks + clots (< 2 FT, < 4m)	20	60					
locally tuffaceous component Minor graphite throughout mudstone sequence EMS: contorted bedding + brecciation 27-29	right lateral microfold py	30	100					
35' 2" thick pale yel.-gn f.g. felsic tuff	35' dense qz micro-stkwk + pervasive sericite 38'-45' bedded stratiform pyrite beds (.5-2 cm) 10%; py micro-folds sheared	40						38
lt. gray tuffaceous siltstone w/ abundant wisps/beds of pyrite	parallel to cleavage (~30° to core); pyrite clots broken into rotated rectangular fragments i.e. clots probably fragments of contorted beds	50						45
51' small fold ~ 1" across limbs oriented as drawn	50% $CaCO_3$ veins 52'-53' lam qz-calcite vn w/ radiating bk vls (hbl?)							54
Pyritic xtal/lithic wacke 50% stringer, dissem and clastic pyrite in xtal, lithic wacke, ↑tops? 56.5'	40-60% dissem and clastic sulfide (pyrite)	60	100					61
Argillite/Mudstone/Siltstone w/ minor tuffaceous interbeds and 2-4% dissem pyrite generally contorted bedding + brecciation	10% $CaCO_3$ veins often contorted	70						
		80	100					
	85' contorted calcite vl	90						
Tuff-wacke w/ lesser argillite interbeds, grading to felsic tuffs; strongly contorted bedding + autobrecciation	silic + lt. green chlorite ± sericite (?) Abundant calcite veins py 2-3%, contorted clots	100						93
lt. green felsite tuff w/ abundant qtz/chl veining								103

CHEVRON RESOURCES

Property Ragged Sec. ____ T ____ R ____ State ____ Drill Hole No. RAG 1 Sheet 2

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

Logged by CPW

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	SAMPLE	ASSAY
100 lt. green felsite tuff.	qtz - chl veins	100						103
Blk, siliceous mudstone/argillite (possibly rhyolitic tuff?) massive texture; extreme hard	3-5 % dissem pyrite + py bands (<1cm, <1/FT) + clots (contorted fragmented bands)		100					
110 fine grained locally carbonaceous (graphite common on shears parallel to cleavage, py concentrated with graphite together weakly to strongly conductive)	10% qtz veins	110						113
120		120						123
125' gy-bk mottled tuff outbxd	bk microstkwk + qz + fsp? 10% Talc (?) chl alt.	130						
130 Bleached felsite tuff white to lt. green/gray fine grained tuff; relict fsp microlites + 1mm qz eyes common; severe	pervasive silicification w/ v. strg. qz microstkwk MnOx? soaks microstkwk foliated sericite over-print sporadic, weak to moderate		100					131
140 brittle fracturing w/ sporadic frag. rotation; 145-146 relict bk bedded tuffaceous argillite; bedding + cleavage ∡ ~ 50° to core axis	py diss. <1% (131-154) 2-3% (154- FeOx + $CO_3^=$ wk-mod on fx (1-2/FT) 146' FeOx @ bedded py? 1-2cm, contorted w/ breccia in FeOx-$CO_3^=$ matrix	140						141
150 Same	158' tectonic? bx tuff in FeOx - $CO_3^=$ matrix	150						151
160		160						161
170 Same		170						171
180		180						181
190 Fine-grained, Green-gray intermed to felsic tuff w/abundant qtz-$CaCO_3$ veins and $CaCO_3$ vugs (?)	2% dissem py. miner sericite + chlorite (?) + $CaCO_3$	190						191
200		200						201

CHEVRON RESOURCES

Property Ragged Sec. ____ T ____ R ____ State ____ Drill Hole No. RAG 1 Sheet 3

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

Logged by CPW

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	SAMPLE	ASSAY
200 Gray/green intermed to felsic tuff w/ 10-15% $CaCO_3$ minor clastic interbeds	sericite + chlorite + $CaCO_3$ veins and wgs 2-4% disseminated py.	200	100%					201
210 ↓	some patchy silicification ↓	210	↓					211
220 Same	Same	220	↓					221
230 increasingly basaltic w/ depth $CaCO_3$ veins and amygdules(?) in basaltic units ?	?	230	100%					231
240	251	240	↓					241
250 tuff brecciated w/ silicified gy matrix		250						251
gy-gn int-felsic? tuff (blchd mafic?) sheared texture in healed autobxn?	stng silicification w/ 20-30% sericite wisps py as blebs, deformed layers + diss. 5-10% w/ $CO_3^=$	260						261
260 gn-gy Int. mafic tuff, f.g. often brecciated w/ $CO_3^=$-sericite matrix	Basalts altered to chlorite/epidote w/ $CaCO_3$ veins abundant (spilitized?)	270	100%					271
270	patchy silicification 273-275 py 10-15% as blebs + deformed layers	280	↓					281
280	tuff is lt bn w/ gn selvages soaking out from dk chl-$CO_3^=$-py filled fx	290	↓					294.5
290	massive sulfide (py) slurry-like (80%) shallow-slope clastic/exhalite							
gn-gy int-felsic? tuff (blchd mafic?) as 253-261; sheared texture in healed autobxn; + few	stng silicification w/ 10-20% sericite wisps; mod-stng qz-$CO_3^=$ stkwk w/ mnox soaking	300						301
300 blchd f.g. mafic frags								

295-297 py + po diss + layers 8-10%

297-320 py + po diss 2-3%

320-324 py + po diss + layers 15-20%

CHEVRON RESOURCES

Property Ragged Sec. ____ T ____ R ____ State ____ Drill Hole No. RAG 1 Sheet 4

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

Logged by

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	Number	SAMPLE	ASSAY
300 gn-gy int-felsic? tuff (blkd mafic?)	stng silicification w/ 10-20% sericite wisps stng qz-$CO_3^=$ stkwk w/ wk mnox soaking 292-320 py+po diss 2-3%	300	100%					301
310 note: 1" thick f-m. g. tuff layer on top of bslt fines downward; but v.f.g. layers lie just uphole	qz-calcite vn 1.5" thick	310						311
320 Tops by sed structure contact zone (spilitized basalts?) qz/$CaCO_3$ veins in gray/green altered rk	320-325 po & py in veins 15-20% of $CaCO_3$ veins stratiform sulfide	320						321
Footwall Basalts: Brecciated Pillow (?) basalts w/	3-5% po/py intergrown as veins/veinlets in stockworkings	330	100%					331
330 altered rims on contacts Inter-pillow seds common throughout section	Abundant epidote? + chl & calcite as matrix and veins/pillow rind alteration, etc. 1-2% dissem py	340						
340 Calcite veins are common as are $CaCO_3$ amygdules		350	100%					
350 Same		360						
360 Same		370						
370 Same		380						
380 Same		390	100%					
390 Same		400						
400								

CHEVRON RESOURCES

Property Pugsley Sec. ____ T ____ R ____ State ____ Drill Hole No. PAS 1 Sheet 5

Scale 1" = 10' Coord. N ____ E ____ Bearing S45E Dip -45 Collar Elev ____

Logged by ____

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Sample Interval	Rec. ftg.	Sample Number	Assay
400 Basalt: brecciated in chl/$CO_3^=$ matrix some pillow rinds likely	chl/$CO_3^=$/epidote? in matrix + vl + @ bslt exposures rinds on frags + pillows	400	100 %				
410 413-419 interflow bx in gn chl/$CO_3^=$ matrix		410					
420		420					
430		430	100 %				
440		440					
450 451-453 interflow tuff bxa laminated w/ $CO_3^=$ matrix	452' po vein (2 cm.) (interpillow?)	450					
460 459-460 interflow tuff bx in bk matrix	4s	460					
470	Inter-pillow py/po ~~interpillow~~ layer in inter flow tuff ~ 1 FT thick	470	100 %				
480		480					
490		490					
500		500					

Same to 525'

T.D. 525'

CHEVRON RESOURCES

Property _____ Sec. ____ T ____ R ____ State _____ Drill Hole No. RAG-1 Sheet 6

Scale 1"= ____ Coord. N _____ E _____ Bearing _____ Dip ____ Collar Elev _____

Logged by _____

Rock Type & Structures	Mineralization and Alteration	Hole Depth	% Rec.	Interval	Rec. ftg.	SAMPLE Number	ASSAY
500							
510							
520							
TD 525 FT							