Goatfell

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

842393

SCALE ____ BEARING ____ STARTED ____ DEPTH ____ INCLINATION ____ COMPLETED ____ NOTES BY ____ COLAR ELEV. ____ PROPERTY ____ LOCATION ____ COLLAR COORD. N. ____ E. ____ SHEET ____ OF ____ HOLE No. ____

DEPTH | REC. % | ASSAYS | DETAIL | ALTERATION | MINERALIZATION | ROCK TYPE

LEGEND

STRUCTURE

- Bedding
- Foliation
- Fault or shear zone

ALTERATION:

- Pervasive pale greenish alteration (sericite, chlorite, quartz)
- Above alteration as veins (fracture-controlled)
- White mineral - quartz? albite?
- Garnet
- Calcite
- Fe-carbonate
- Epidote
- Tourmalinite
- Spotted rocks (hornfels?)
- Tan alteration associated with Fe-carbonate
- Chlorite

MINERALIZATION:

- Tetrahedrite
- Sphalerite
- Pyrrhotite
- Pyrite
- Galena
- Chalcopyrite
- Arsenopyrite
- Black concretions, ripup clasts?, MnO_2?, chlorite + SiO_2?

ROCK TYPE

- Quartzite to metawacke
- Metasiltstone
- Argillite
- Metagabbro to metadiorite
- Marker beds
- Calcareous concretion
- Clasts of argillite, metasiltstone, quartzite
- Coarse-grained sericitic metawacke to quartzite
- Quartz vein

LEGEND FOR FIELD LOGS

SCALE 1" = 10'

THE ANACONDA COMPANY — DIAMOND DRILL RECORD

SCALE 1" = 10'	BEARING 252°	INCLINATION 85°	COLAR ELEV.
	STARTED July 2, 1989	COMPLETED	PROPERTY Goatfell
	DEPTH 2177 feet	NOTES BY M. W. Hitzman	LOCATION near Yahk BC
SHEET 1 OF 24	HOLE No. G3	NTS 82F/1	COLLAR COORD. N. 49°07'36" E. 116° 12' 17"

DEPTH | REC. % | ASSAYS: Zn | Pb | Ag | Cu | Strux | DETAIL | MINERALIZATION | ROCK TYPE and ALTERATION

Depth / recovery / metre marks

- 50'
- 60'
- 14% (c. 68')
- 70'
- 23.9m (c. 79')
- 80'
- 93% (c. 88')
- 90'
- 65% (c. 97')
- 100'
- 93% (c. 106')
- 110'
- 85% (c. 113')
- 96% (c. 118')
- 120'
- 37.6m
- 91% (c. 128')
- 130'
- 40.1m
- 41.1m
- 98% (c. 136')
- 42.4m
- 140'
- 100% (c. 144')
- 78% (c. 148')
- 150 — ↓153

Strux

45°

chloritic sheared cut by @65°

37°

40°

50°

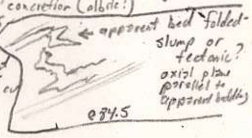
DETAIL

almost @ foliation texture — laminations appear sheared.

40° (core to bedding angle)
40-50° slightly variable dip } relatively well lam. pseudomarker
note minor bed cut-outs (scours) in more finely bedded

@84' concretion (albite?)

@84.5
40-45°
excellent scour 2 cm cut



note - orientation of SiO_2 (chl) veins is random - not parallel to bedding - stockwork effect

sheared zone broken chl-rich clay - bedding plane slip

40° average dip

good bedding disappears & have bedding parallel / subparallel "fol" much seems to be along more shaly beds

40° more offset of bed by fracture

foliation (50°) - prob. relict beds

broken sheared zone

apparent bedding in qtzite (40°)

shear in siltite composed of green clay + calcite

bedding this argillite difficult to discern - cut by subparallel to 50° 10° steeper foliation defined by chl-br. carb.

typical "fol" grading into almost shattered / cataclastic text cut by hi angle chl-qtz veins

thin < cm wide zones of grey clay + blue qtz frags - gouge zone

foliation planes average between 45-50° dip

whole zone sheared

↔ crushed/mylonitized zone

50° } ↗

well foliated rock - note dip change

50°

0°

50°

60° mylonite zone - low angle fault - thrust? impossible to tell from core if strike subpar. to bedding

ALTERATION / MINERALIZATION

Overburden + glacials & broken rock

(*) in frags @ top of 2nd qtzite bed tr. py + red-brown material which may be sphal - assay?

tr. po on biotite lams

concretions paler white material - albite? (w/ biotite) + clots py

(*) qtzites are altered to greenish rock (biot destruct?) along hairline fracts + also as halos around veins in upper 2 qtzite beds. Zones of porphyroblastic pink gt (red on log) & in 2nd qtzite clots calcite (w/ coarse biot) trace py with siltites.

interior of qtzite w/ less alteration - picks up @ base & minor gt

minor diss po in siltite

thin qtzite w/ SiO_2 alt + gt

chlorite w/ argillite & top siltite as beds - alteration? as grade down in siltite (with 1% diss po on some beds) get more chlorite (greenish) veins cutting rock

weak chloritic alt of more shaly beds thruout siltite

@ 106' get chl-qtz vein irreg & cut by chl (qtz) shear. Vein contains 1% py (tr. po, cp, poss sl)

← SiO_2 (chl) alt & diss po - skeletal clots.

chloritic alt (+po) of siltstone

near pervasive SiO_2 (chl) @ top of bed grading down to stockwork

argillite alt. to SiO_2 in patches & whole cut by discontinuous chl veinlets

@ 112 chl vein zone & dissem red sl - < 1% + py which are in turn cut by brown weath carb veinlets

immediately below qtzite zone of dissem brown - dolomite

whole zone charact by chl + seric - alt. - tectonic / hydroth? alt. zone subsequently tectonized?

tr. po + py (< 1%) thruout. tr. red sl + py @ 128'

recognizable siltite is silicified & cut by discont chl stringers

chlor-seric. alt. + tr. po

these zones essentially fault shears. alt. pre or syn flt?

siltite has chloritic shears @ 142.5' qtz-chl vein + po + cp.

uniform bleaching - no biotite present. minor clots & diss py

ROCK TYPE and ALTERATION

medium grey rock composed dom of qtz + biotite - not massive qtzite. with well developed beds (showing scourings) - dom w/ paler interior & biotite-rich on edges biotite-rich zones relict clay (bed tops). Overall siltite.

qtzite - paler less biotite - top w/ rip-ups of silicified argillite

interlayered siltite + qtzite - not well laminated

qtzite (grey) cut by numerous greenish irreg veins - SiO_2 (chl) altered - diss biot being alt to chl?

} composite bed w/ more lam top - thin discontin & qtzite base

0cm argillite grading down to relatively well laminated siltite - note show of beds greenish - hi chl

↓ more qtz-rich downward; occasional good beds

small zones of well developed bedding

qtzite (thin) - grey to reddish grey (biotite fine gr.) cut by greenish patches & veins

qtzite - top is bleached pale grey (low biot) near 113 have reddish, mauve rock (red-biot.?) cut by SiO_2 - chl veins

siltite - dk grey to grey brown color, in places more glossy - silicified - cut by a network of greenish chl veins & these cut by brown weath carb veins.

frags of argillite - sed or tect bx?

thin qtzite - typical coarse biot. text.

back into argillite - note discont "bed" coarse chl-bio-qtz - chip/fragment?

↓ transition (sharp) from recognizable siltite to greenish - chl + seric rich rock - foliated & soft cut by more foliated mica rich zones - zone contains darker bands discont & broken - some beds - relict argillite? Creston Fm?? - possibly sill?

} gradational into material that looks more like siltite but highly broken / crushed & cut by chloritic fol

highly chl-sericite-rich rock as above but darker green. - cataclastic text w/ discont. light & dark bands - boudinaged - in seric rich matrix

siltite - chloritically alt. & cut by numerous chl shears

15 cm zone of mylonite - MAJOR FAULT?

pale green-grey qtzite appears shattered & crushed. biot. app. absent

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" = 10'	BEARING	INCLINATION	COLAR ELEV.
	STARTED	COMPLETED	PROPERTY GOATFELL
	DEPTH	NOTES BY MWH	LOCATION
SHEET 2 OF 24	HOLE No. G3	COLLAR COORD. N.	E.

DEPTH	REC. %	ASSAYS (Zn / Pb / Ag / Cu)	DETAIL	MINERALIZATION	ROCK TYPE
150	78%; 75%		65° several sericitic shears cutting qtzite; 50; rock still highly sheared; 60°	tr. py; alt. consists of bleaching & biot. destruct (or absence), seric. formation & hairlines of brown weath. carb; tr. po in qtzite - alt most bleached + bio → chl; siltite is chloritic w/ minor brown carb. tr. po; chloritic alt. w/ coarse clots po rare hairline veinlets + cal	pale green-grey quartzite. shattered appearance cut by several sericite-rich fol. zones; ← this zone wide enough to recognize as former siltite; ← coarse spotted text usually biot - now all chl; veinlets in this material bleached; green sheared chl-ser. material - relict siltite?
160	100%; 46%		65° increasing fol. angle; possible shear; 60°; qtzite competent but crackle fractured & cut by seric/chl fol - relict siltites or injected material?; 60°	siltstone w/ coarse clots po in w/ white qtz irreg veins; qtzite "frags" silicified (rexlized?) & contain abund chl + minor po; <1% diss po, rock bleached but little chl clots; siltite reddish (bio alt) cut ↙ by green (chl) w/ py on late fract w/ cal.	highly altered siltstone - now greenish & silicified; @ 163' apparent fragments or remnants of qtzite - highly broken - crushed gone to buff white color; pale green/grey qtzite - crackle fractured & cut by several seric (chl) fol - shear
170	98%		55°; 65° foliation w/ bedding in rock suggestive of original bedding; NOTE: qtz-chl veins cutting fol. & bedding; 60° good bedding - mildly sheared better downward; (cut by hairline fract + cal-py); 50°; 50° internal sericitic foliation. crackle bx @ base; 40°	thin qtzite is greenish SiO_2 + chl contains minor po; siltite is greenish throughout - chl alt. & is cut by chl-qtz veins (+po) some cut foliation. Diss po in silt. esp w/ chl. - where late hairline calcite veins cut get py; ← spotted text @ top of qtzite w/ 1% diss po - much less down. rock bleached (SiO_2 + seric, low chl)	apparently interlayered thin siltite & qtzite beds - probably very strux disrupted.; argillite - greenish - top of bed is mildly foliated grading down to well bedded - possible **MARKER** or pseudomarker.; dominantly qtzite - bleached w/ some sericite fol bands thru it.
180	82%		30° bedding but this cut by mineral allignment (po) & seric. fol @ steeper angle - approx ?; ← qtz veins cut small intrusive dike both cut on contact; contact near horiz. in core. - ie apparently cross cutting bedding	qtzite bleached to pale grey - slight greenish (seric) - little to no chl. - low crackle veins. As go down toward sill more white fine grained qtz veins + po. Po relatively common in qtzite ≥1-2%; ≥90% in ?	top of qtzite foliated & broken - grading down to more massive rock which shows some internal bedding; ↙ small dikelet of material w/ white (calc?) rim cutting qtzite - this cut by qtz veins
190	92%; 140%	57.7m	contact sheared; 55-60° foliation within intrusive defined by strung out plag & chloritic fol.; 40°; 40° well foliated band; 45°; } more massive; 50°; ↓ intensely foliated	sill greenish - abund chl. (alt of mafics), plag looks mildly saussuritized. granophyric band; trace po diss	Moyie INTRUSIVE; olive green diabase w/ porphyritic anhedral plag clots up to 1cm diameter; rock crackled & locally foliated; ← grey green well foliated material - alt siltite + sill then sheared?; base is heavily sheared - to chlorite phyllite
200	98%	61.3m	70° contact; bedding @ 50° & cut by steeper foliation; 30° bedding; 50° foliation; 30° bedding	qtzite bleached & tectonized @ contact; below darker grey-green - weak alt - no veins. abund diss po @ contact, < 1% along bedding below; siltstones weakly altered - mildly chloritic - biot. still present - chl mainly on bed contacts. Virtually no po except in qtz-po vein	qtzite - bleached tan-white near contact & strux disrupted with bedding prominent below; grey-green siltstone 1-5cm beds, variable in qtz content - rarely nearly thin qtzite.; clast? of pale grey material; Locally orig text cut & destroyed by foliation which is steeper
210	100%		30° bedding; foliation variable angle from 30 to 50°.; contact is chlorite-sericite shear 20° dip - appears flatter than whispy beds form line 15° dip - beds?	↓ increasing % chlorite in rock & corresponding pick up in diss po; rare chl veins; if altered it is by bleaching & destruction of biotite - no sulfide	grey-green argillite w/ bedding large disrupted by subparallel ?; pale grey qtzite w/ abund. muscov-sericite, low to no bio-chl
220	100%		20° bedding contact; 20° beds; 25° beds; foliation @ bit steeper - 35°	very minor chl. alt of siltstones - tr. red sl - py in with sandier beds; minor diss po. minor chl on beds, & as ? cutting veins; irreg zone of crackle veinlets + chl/po	grey-brown argillite with minor sandy layer; ↓ grading down into massive & laminated argillite. - brown grey - biotitic; } bedding not as obvious - originally massive or foliation destruction of bedding?
230	116%; 78%		20° bedding; still pockets of steeper foliation.; load; 25°; flame structures; confused foliation + bedding	↓ increasing chl diss + veins; tr. sl on vert chl. shear) tr. diss brown carb & minor chl throughout; low diss po in one bed; entire bleached	boudined bed - soft sed slump?; ↓ well banded sequence (or @ least banding preserved) - some boudinage or flaser text.; qtzite w/ 1-3cm siltite bands (mixture coarse biot + chl) - beautiful load & flow structures
240					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" = 10' | BEARING | INCLINATION | STARTED | COMPLETED | DEPTH | NOTES BY MW Hitzman

COLAR ELEV. | PROPERTY GOATFELL | LOCATION | COLLAR COORD. N. E.

SHEET 3 OF 24 | HOLE No. G-3

DEPTH	REC. %	ASSAYS Zn	Pb	Ag	Cu		Struc	DETAIL	MINERALIZATION	ROCK TYPE
240	70%							contact 25° swirled texture - slump facies - very active sed environment. 25° beds appear discontin. - orig. of tectonite? 30° beddy w/slumps, flow etc 35° abundant scour features	tr. gl + throut gtzite tr. SI in sandy ellipse minor chl on both veins & bed parallel zones	gtzite pale grey siltstone top 9cm is swirled rock w/ lozenges of paler gtz rich seds in biotitic/more argillic groundmass - slump or odd flower text.
	92%									
250								30° beddy contact 35° beddies, 45° fol	gtzite - biot. to chl, gtz recrized abund po, tr. cp intergrown	thin gtzite - highly tectonized well bedded siltstone grady downto sheared silicite silty gtzite - greyish & cut by hairline veins w/ green envelopes - not obvd bleedy
	98%							45° weak foliation 65° contact		
		77.4m						10 cm wide shear zone w/ dk grey Cataclasite, finely laminated cataclasite +br, 50° dip	large plot red-brown sph. in siltstone tectonized fragment whole zone chl-rich, also cut by discontinuous cal veins subparallel to fol	Chlorik phyllite (Moyie Intrusive?) with irreg. "clasts" of highly tectonized siltstone. looks as if very sheared out sill
260	96%								trace po parallel to fol	
		79.9m						60° contact 60 15 500 } foliation wavy, cutting fractured, crackled rock 40° sheared contact	gtzite does not appear heavily altered.	irregular contact into gtzite w/ dk (chloritic?) foliations - rock crackled & fractured
									blebs of po in calcite veinlets po also fills fractures po in fractures disseminated po (minor) bleaching along fractures and as pervasive patches.	siltite - gray with dark green streaks
270	87%							45° bedding		quartzite - greenish grey with abundant bleached patches and some biotite-rich patches siltite with lesser quartzite
										thinly bedded siltite
	86%								only minor alt. along fract. py + po in sheared rock	
									only minor chlorite along fractures, relatively unalt pyrite in shear zone	grey siltite with minor chlorite along hairline fractures
280								2ft wide shear zone with faint gouge (silt/argil) 45° contact weak foliation	bleached alteration envelopes around fractures also along bedding? chlorite along fractures parallel to foliation	sheared chloritic, polished gouge surfaces quartzite mottled bleached + dark siltite grey
	100%							40° weak foliation	bleaching along fractures, locally intense (6" of core)	quartzite siltite grey with green streaks Patchy grey and bleached
									chlorite in fractures trace py	siltite grey with green in fracture
290	100%								very localized garnet within a 6" patch of bleached quartzite minor calcite	quartzite with minor siltite quartzite - generally minor hairline fractures and bleaching with exception of one garnetiferous patch
								40° foliation 50° contacts sheared		
									minor chlorite in fractures within siltite	siltite with minor quartzite
300	100%									Quartzite with minor siltite beds 2-3" thick - broken up siltite
									pyrite on fractured surfaces quartz on fractured surfaces with blebs of pyrite	
	100%									broken up siltite, minor chlorite in fractures
310								40° bedding?	garnet localized over 6" of bleach rock bleaching along beds	Quartzite with lesser siltite siltite with lesser quartzite
									unaltered by py on fractured surface	Quartzite with lesser siltite
	100%							40° bedding with some scouring and flame	po blebs calcite veinlets, chlorite in fractures	siltite with rare 1cm thick beds of quartzite - rare clast in siltstone
320								45° weak foliation	garnet over 8" pt core with bleached out rock	- rare clasts of finer darker siltite
									silicification moderate over 2 ft	siltite with lesser quartzite
	98%							45° bedding discontinuous beds	garnet within bleached out rock bed	altered quartzite greyish green quartzite bleached along fractures
									py on fractured surface	
330								45° bedding	po within calcite veinlets	

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 4 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. 63

SCALE ____ DEPTH ____ NOTES BY Z. Rebic LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL (STRUCTURE)	MINERALIZATION	ROCK TYPE
330	100%		45° bedding	po in calcite & chlorite veins py disseminated and on fractures - pervasive bleaching - unaltered dark biotite-rich patches - minor clasts of siltstone	rock fractured parallel to bedding Quartzite with lesser siltite beds (3" thick) - quartzite is bleached around veinlets of - also pervasive bleached sections
340	100%		45° bedding 40° weak foliation	pyrite on fractured surfaces	very rare siltite/argillite clasts
350	100%		45° bedding	bleaching patchy mainly along veins and fractures pervasively bleached	irregular veinlets with bleaching minor limestone concretions very bleached minor chlorite fragments of darker siliceous material in bleached matrix minor siltite
360	100%		45° bedding 40° bedding 35° bedding 35° bedding 35° foliation	chlorite parallel to bedding, also irreg. veinlets 10" section of extremely bleached rock, albite?	greyish green along fractures 10" section is white has garnet and spots of biotite and chlorite
370	97%		40° foliation shear zone in siltite/argillite	1cm x 0.02cm streak of sphalerite in fracture, also pyrite in fractures 16" of extremely bleached white quartzite - albite? blebs of pyrite	greenish alt along fractures and beds - mixed with dark biotite rich portion, white quartzite portion has spots of chlorite - looks spotted quartzite with minor siltite greenish grey
380	100%		55° bedding 55° lamination, flamy srfces, discontinuous laminations 45° discontinuous laminae	pale green alteration confined to hairline fractures - portion alt - extremely bleached with spots of chlorite with lesser biotite albite? - only minor hairline fractures	quartzite with 4" of siltite pale greenish grey along veins + bedding left of spotted white quartzite
	100%		45° bedding roughly - scouring - some beds cut out	po in streaky discontinuous beds	discontinuous thin laminations greenish grey
	98%		55° bedding	alt along fractures, - patch of bleached with garnet - py along fractured surfaces - chlorite along bedding - po in calcite/chlorite veinlets	greyish grey bleached and darker biotite-rich portions - greenish chloritic alt along beds and along fractures - mostly dark biotite rich rock
390			50° weak lamination - broken up rock 50° bedding offset by fracture filled veins 50° bedding? foliation	- hairline fractures - py on fractured surfaces - bleached along bedding and along fractures	dark grey with pale green alt along hairline fractures bleached portions mostly large portions of dark material
	100%			vein 1cm wide at 30° to core axis → blebs of pyrite - 18" bleached pervasively - locally moderately bleached - alteration envelopes around fractures	garnetiferous calcareous rocks large concretion or a thin bed? - calcareous inclusion
400	100%				Quartzite with lesser siltite - calcareous inclusion or a thin bed of limestone - patches of greenish with patches of dark biotite-rich rock - siltite with lesser quartzite
			55° bedding	chlorite along bedding	
410	98%				bleached greenish grey along fractures and sometime along bedding - appear cloudy in places because of patchy bleaching
			45° bedding?	py and po blebs in quartz vein at 20° to core axis	
	100%				
420					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SHEET 5 OF 24

BEARING ____ INCLINATION ____ COLAR ELEV. ____ HOLE No. G-3

STARTED ____ COMPLETED ____ PROPERTY ____

SCALE ____ DEPTH ____ NOTES BY Z. Rebic LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	STRUCTURE DETAIL	ALTERATION / MINERALIZATION	ROCK TYPE
420	100%	Box	55° bedding	cloudy pattern of greenish and darker patches	quartzite with lesser siltite
			55° bedding	alteration weak - only on hairline fractures	alternating lighter and darker bands
				alt along fractures and possibly parallel to bed?	greenish around fractures also dark unalt. patches
430	100%		55° bedding	weak bleach on hairline fractures	
				bleaching along fractures - large areas also pale greenish grey	quartzite with 4 siltite beds up to 4" thick
			55° bedding - discontinuous ripped up beds		inclusions of black siliceous rock - may be unalt portion?
			thinly bedded 55° bedding shattered rock } zone of extremely shattered rock	py on fractured surfaces	siltite with lesser quartzite - mostly shattered rock
440	100%			py on fracture surfaces quartzite portion bleached greenish grey - also unalt dark siltite rich portions	pale greenish-grey with cloudy and spotted appearance
					siltite dark with lesser quartzite
					pale greenish-grey with darker portions
				lower portions more pervasive bleaching py on fractured surfaces	
	100%		4mm thick chloritic band - sheared containing fragments of host	chloritic veinlets, calcite in fractures	brownish-grey with green veinlets
450					quartzite with lesser siltite generally cloudy or patchy pale greenish-grey with dark unaltered portions
			? } zone of extremely shattered rock	pyrite on fractures, hairline fracture have bleached alteration envelopes extremely bleached out portions mixed with dark giving cloudy pattern	
	100%				
460			60° bedding		dark with green chloritic fractures
					inclusions of dark siliceous rock, maybe unaltered portion?
			55° bedding	bleached along hairline fractures and some bedding	quartzite with lesser siltite dark grey
	100%			lower portion has crossing vein type bleaching	
		142.8m			
470		144.0m	50° sheared chloritic rock with irregular veins and broken up masses of quartz within calcite matrix	py, lesser cpy and reddish brown mineral sphalerite within quartz/calcite	chloritic rock, green, sheared maybe a sill contacts very sheared
		Box 40		one possible spec of silver mineral ASRY?	cloudy dark and pale greenish-grey pattern
			55° bedding		3cm of broken up brecciated white siltite in chloritic matrix
	100%			grey/ish black portion has white specs of calcite	pale greenish grey, dark brownish grey and dark greyish-black
480					siltite with lesser quartzite
					quartzite is cloudy pale greenish grey and dark
					siltite is grey
			55° bedding some scouring thinly laminated dark beds offset by fracture		
	100%				quartzite with lesser siltite
490				chlorite parallel to bedding	green chloritic portion, cloudy bleach pale and mostly dark portions
			50° bedding		
	97%		60° bedding		
				along fractures bleached - also some pervasive patches	pale greenish-grey with darker areas
500			3cm of brecciated white siliceous rock in chloritic rich matrix - tectonics		
			60% bedding in siltite	single spec of possibly cpy	thinly bedded
		cut? 43	60° bedding	bleaching along fractures, locally pervasive	pale greenish grey and darker grey, lesser siltite
	100%		60° bedding - thinly bed		pale grey and brownish grey beds
				bleaching confined to fractured areas	mostly grey with lesser bleached fractured areas
510			aff of extremely broken up rock		

CHEVRON RESOURCES COMPANY — **DIAMOND DRILL RECORD**

SHEET 6 OF 24

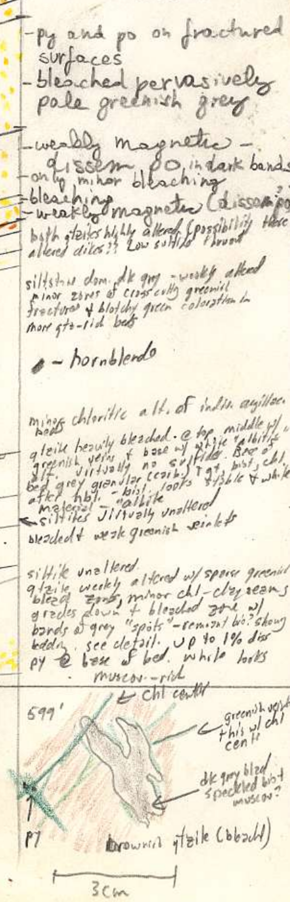
BEARING ______ INCLINATION ______ COLAR ELEV. ______ HOLE No. G-3

STARTED ______ COMPLETED ______ PROPERTY ______

SCALE ______ DEPTH ______ NOTES BY Z.R / MWH LOCATION ______

COLLAR COORD. N. ______ E. ______

DEPTH	% REC.	ASSAYS	DETAIL (STRUCTURE)	ALTERATION / MINERALIZATION	ROCK TYPE
510	95%		60° bedding	- only lesser bleaching to pale green in fractured portions	- minor siltite beds
			55° bedding; discont. ripped up beds; ~8cm of slumping	- py in chlorite fract. and in darker beds, abundant in slumped portion	- siltite with lesser argillite
520	100%			- mostly bleached pale greenish grey	- greenish grey and dark grey
			65° bedding	- bleached greenish grey, darker patches	- greenish grey and dark grey
				- pyrite with chlorite in fractures	- greenish grey & dark grey
			65° bedding - lamination	- only minor chlorite filled fractures	- lesser quartzite & argillite
	100%	Bot 46		- some areas bleached greenish grey pervasively	MARKER ??? - likely not
530			65° bedding		- lesser siltite, white soft inclusion; non-calcareous; siltite with lesser argillite
				- some parts are bleached greenish pervasively	- lesser siltite beds
	70%		? zone of extremely broken up quartzite		
				- bleached around hairline fract; some areas pervasively bleached greenish grey	- grey and bleached greenish grey
540	85%		65° bedding	- pyrite on fractured surfaces	
			65° bedding	- pale greenish grey bleaching around fractures	quartzite with lesser siltite and argillite
			60° bedding		
				- bleached greenish grey around fractures, pervasive where garnet	
					- one clast of siliceous white material
550	100%		60° bedding		siltite with lesser argillite beds
				- pervasive bleaching to pale greenish where garnet is	- grey and brownish grey beds; - bleached greenish grey with dark areas
				- bleached pale green around fract.	- quartzite
			50° bedding	- patch with biotite, garnet, chlorite, with bleached rims	- siltite and quartzite; calcareous fizzy spots
560	100%			- po with chlorite	siltite with lesser quartzite
			55° bedding	- po occurs with chlorite; - portions are green from chloritization	- grey with green chloritized areas
					- siltite with lesser quartzite
			zone of extremely broken up rock, one piece exibits shearing	- py and po on fractured surfaces	pale greenish grey - bleached; - broken up rock
570	100%		?	- bleached pervasively pale greenish grey	
			55° bedding	- weakly magnetic - dissem po in dark bands	- grey with darker areas containing weakly magnetic dissem mineral (po?)
		Box 50	55° bedding	- only minor bleaching; - bleaching; - weakly magnetic (dissem po?)	- grey with green fractures filled with chlorite
			40° beddg	both qtzites highly altered (possibility these altered dikes?) Low sulfide throughout	two grey qtzites w/ abundant greenish veinlts. near tops 5 cm wide zones white hard material (like albitite) w/ gt, chl after hornblende, tr. calcite, biotite (some altering to chl?)
580	98%		35° bedding, minor scour; both well banded but not markers	siltstone dom. dk grey - weakly altered minor zones of cross cutting greenish fractures & blotchy green coloration in more qtz-rich beds	← 2cm white-grey "clast" in bedded siltite; qtz rich siltstones, locally well banded
			40° beddg, minor irregularities	● - hornblende	
box 51			30°; well bedded but pinch & swell of beds common	minor chloritic alt. of indiv. argillac. beds	well bedded siltite
			43° beddg minor beddg plane fil. in chl; "albitic" alt cut by chl vein at alt. zone	qtzite heavily bleached - @ top, middle w/ greenish veins & base w/ white "albitic" alt. virtually no sulfide. Base of bed grey granular (carb.) & gt, bist, chl after hbl. - bist. looks stable & white material - "albite"	qtzite most heavily alt at top & bottom
590	100%		50° contact of white rock w/in qtzite		
			40° well bedded w/ pinch & swell, scour	← siltites virtually unaltered; bleached & weak greenish veinlets	
box 52			almost like slump fold or intrusion of siltite into qtzite - soft sed def. zone	siltite unaltered. qtzite weakly altered w/ sparse greenish bleach zone, minor chl-clay seams grades down & bleached zone w/ bands of grey "spots" - remnant bio? showing bedding. see detail. up to 1% diss py @ base of bed. white looks muscov.-rich	see strux; granular grey qtzite, grading down to bleached qtzite
	97%		bands w/in qtzite 37°		
600			40° beddg		- banded siltite
	60%				



CHEVRON RESOURCES COMPANY — **DIAMOND DRILL RECORD**

SHEET 7 OF 24 · HOLE No. G-3

BEARING ______ · INCLINATION ______ · COLAR ELEV. ______ · STARTED ______ · COMPLETED ______ · PROPERTY ______ · SCALE ______ · DEPTH ______ · NOTES BY MWH · LOCATION ______ · COLLAR COORD. N. ______ E. ______

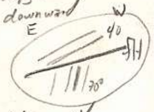
DEPTH	% REC.	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
600	97%		40° bedding; 40°	veek alt + greenish veining	well bedded siltite; well bedded siltite w/ pale grey siliceous bed + chips "clasts" @ base + in uppermost qtzite
				mottled qtzite w/ large patches to greenish rock - rest w/ greenish veins; tr. po w/ chl. + cal veins + tr. py (cl ass @ base)	
box 53			40°		relict bedding now silicif
			35° bedding	virtually no alt. or sulfides	unaltered grey siltite - middle well laminated interval; well laminated
610	100%			altered qtzite. core of bed bleached + with grey spots - remnants of biotite; greenish bleached veins either side w/ carb + qt @ top. zip sulfides.	good qtzite - altered w/ carbonate patch @ top grading down to SiO2 rich siltstone
			40° bedding	patchy alteration best developed just below top + at bottom of interval. no sulfide	thick qtzite, much is original grey color
box 54					
620	92%		60° bedding	siltite chloritically altered, locally bleached + cut by chl + cal veins	sheared, clay-mica rich siltite, poorly laminated. note white siliceous "clasts" @ base
			50° bedding	entire interval altered but patchy alteration centered on qtz-rich bands but effects more argillaceous beds as well which seem to go to musc. + chl.	thick siltstone interval, bedded w most beds > 1-2cm, no marker-type laminated beds. zone is well altered especially thin qtz-rich beds which behave like alt. qtzite
box 55			weakly bedding parallel foliation throughout		
630	100%		40° bedding; 45° foliation	chl. veins x-cut the bleached alt.. trace py in some qtz-rich beds	
				typical alt w/ veined bed top + bleached interior w/ black spots grading down to darker - less alt. low to no sulfs	typical quartzite, mottled grey.
box 56			45° bedding / foliation		
			50° bedding	weak alt	
640	90%			most alt near upper contact, lower contact difficult to pick	quartzite - weakly altered, medium grey ↓ transitional to siltstone
			45° bedding	siltite unal.	
box 57	92%			qtzite is bleached + has coarse micas (musc + bio) some diffuse greenish veins	pale quartzite - heavily altered
			fracture zone	tr. py	} hints of bedding (alt siltite?)
650	92%		40° bedding; well bedded but w/ bed thickness changes, bedding av. 1cm; thin gouge + shear zone, parallel to bedding	siltite essentially unalt., minor chl on shear planes over 19cm	siltstone well bedded laminated over; thin bedding plane shear + gouge
			45° bedding	altered near top, qtz recrys., minor chlorite - bed preferential.	siltite - w/ qtz recrys., no laminations
box 58					well developed 3 x 1cm white siliceous "clast" - some sort of diagenetic concretion
			40° bedding	very weak alteration - several beds somewhat chloritic + core cut by one near vert. chl vg C66 4	
660	98%		well bedded throughout, abund scours, pinch-outs - not laminated		well bedded but not laminated siltite.
			chl. vein offsets bedding	note near absence of sulfides including po	
box 59			30° bedding		floating beds or frags ∥ to bedding
			30° bedding; thin section SAMPLE ⊗	full assemblage white "albite", calcite, qtz, chl, relict hbl, biotite, qtz. difficult to tell in this dom. siltite seq. if qtzites present or whether it is alt.	SiO2 rich rock - thin qtzite or alt zone? } unclear if qtzite or alt siltite grades down to unaltered dk grey siltite
670	89%		30°	tr. po along bedding in most argill. layers	top altered qtzite <u>grades</u> down into siltite
			40°	heavily silicified / bleached	siltite but locally heavily altered (silicified / hornfelsed so looks like qtzite)
box 60			40° bedding shows variations in thickness; foliation @ 70° cutting argill. sections	note: no po!	↓ less altered downward, no laminated / banded sections but locally good beds, 1-7cm thickness gen. dull grey color
680	100%		30° offsets (normal) of several cm along hairline chl. veinlets; 30°	↓ weak to no alt, occassional chl-rich zones on bedding - gen. more argillaceous beds	↓ thick siltite interval
box 61	95%			} a bit granular, recrys. appearing	
690			40° bedding		

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE ______ BEARING ______ STARTED ______ DEPTH ______ INCLINATION ______ COMPLETED ______ NOTES BY MWA

COLAR ELEV. ______ PROPERTY ______ LOCATION ______ COLLAR COORD. N. ______ E. ______

SHEET 8 OF 24 HOLE No. G-3

DEPTH	% REC.	ASSAYS	Struct / DETAIL	MINERALIZATION	ROCK TYPE
690	90%		40° bedding	patchy alteration – probably of more coarse grained sandstone (siltite) beds; overall this unit weakly altered – rare bleaching + rare chl. veins	thick siltite section, more silica rich zones @692' + 695' maybe thin qtzite beds or silicified zones within siltite; other than the altered zones the rock is a dark grey siltite (scratches w/ knife) w/ rare distinct bedding
box 62			40° bedding		
700	85%		40° bedding		white "clast"
box 63	80%		1cm clay gouge, bed parallel shear	appears to be unaltered unless the black color caused by tourmaline.	dense dark black qtzite, several siltstone "clasts" at top.
710	100%		30; slump folding of finely laminated beds; 35° – near bed // foliation – micaceous/clay	very minor chloritic alt.; minor po on argill beds	siltite; pale grey "clast"; slump folding
				upper interior of bed white rock w/ irreg. coarse chl clots (minor gt) grades up + down to green bleach veining; no sulfides.	medium grey qtzite – interior altered
box 64			40° bedding		siltite – upper portion w/ chloritic alt. mildly sheared; color is grey green to brownish rather than normal dk grey (brown)
720	96%		40° bedding		distinctive bleached beds 1–0.25 cm thick
			40; sheared zone 40°, parallel to beds	normal bleached alt. w/ greenish veins w/ white rock w/ dk grey "spots" in interior – most bleached; tr. gt; locally the siltite is silicified + bleached	qtzite; dk grey-green siltite locally silicified + green bleach veins
box 65			45° bedding; sheared ↓ poor core recovery, rock shattered	chloritic sheared zone	qtzite – normal grey green
730	80%		← poor recovery + mud w/ chips; fault?	highly bleached qtzite; highly bleached qtzite	bleached pale green qtzite
	83%		35° bedding?		hints of bedding with bleached qtzite as well as irreg. zones, pods or dark remnant (?) material
box 66	68%		foliation (micaceous) 45°	highly bleached, silicified, recrystallized rock, little to no chloritic dom.; white mica-qtz. cut by hairline, dk grey veinlets (sulfide??); alteration zone around sill?	↓ becoming highly bleached (white)
740	100%				bedding – indicates altered siltite?
box 67	100%		40° bedding; 45° dip; 4cm wide zone chloritic phyllite or contact		distinctly darker, more greenish recrystallized, fractured
			weak foliation, develops into chloritic shears downward	sill is chloritized + contains 2 bellion, irreg. qtz patches.	MOVIE INTRUSIVE – heavily chloritized + even grained
750	90%		 45° foliation		
box 68			50° dip; 65°; intensely foliated zone w/ clay gouge – major shear. locally FH bx. most of protolith sill? 40°	Fe carb alteration most prominent	chloritic phyllite – tectonized sill greenish to brown – abund. Fe carb? + some sedimentary material intermixed; FAULT ZONE
	77%		55°		
760	50%		35° contact; 55° foliation	qtzite highly bleached; tr. py	highly tectonized zone but most of fragments are qtzite still cut by chloritic phyllite
box 69	50%		70°; shaly foliation @ lower angle than apparent beds (70°); 60		↓ continues downward pale grey green qtz-rich rock (qtzite alt siltstone?) w/ foliation of dark green chloritic or black phyllite + Fe carb as fol. coating
	86%		55° bedding	rocks are grey-green and highly fractured with fractures showing Fe carb + qtz	@771, 6cm of folded bedded material (siltst) bleached to tan-grey
770 / box 70			65° foliation ↓ continuing high strain highly deformed rock		
	78%		70° bedding; 70° bedding	Most alteration ~~seems~~ seems to be chloritic due to shearing; this on top of weak normal bleaching	2 thin distinct siltstone horizons – edges badly sheared
780	99%				

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING	INCLINATION	COLAR ELEV.	SHEET 9 OF 24
STARTED	COMPLETED	PROPERTY	HOLE No. Goat-3
SCALE	DEPTH	NOTES BY MWH	LOCATION
		COLLAR COORD. N.	E.

DEPTH	% REC.
780 box 71	99%
	100%
790 box 72	
	100%
800 box 73	100%
box 74	94%
810	
box 75	93%
820	
box 76	100%
830	92%
box 77	
840	80%
box 78	100%
850	
	90%
box 79	
860	93%
box 80	83%
870	

ASSAYS

DETAIL

foliation in shaly layer 60°

60°

65° bedding in siltstone

not a sharp contact - gradational
30° foliation

bedding finely laminated (not marker - shale) - from vertical to 60°
50° fol. completely folded - looks like soft sed deformation but within this fault zone
30° fol - shear

50° bedding, shear is up to 70°, down to 30°
← irreg. black argillite cutting bedding. Bedding is sheared & locally disrupted
60° bedding

hint of banding of dark spots in qtzite. Orig. bedding? 60°

40° consistent fractures - hint of orig. bedding

45° chloritic/sericitic shears
70° apparent bedding
flatter veining cut & offsets beds and alt. patches (chert)
60° bedding

65° contact on bedding
65° bedding

65° bed with qtzite

65° both bedding & shear fol

70° bedding
75° bedding
up to 80°
bedding prevalent thruout much is fine whispy laminations
vuggy open fractures

65° bedding
typical beds cm thick still w/ whispy aspect

rare bedding 60-70° but all cut or effected by steep 60-65° foliation.

70°
foliation cuts another surface (bedding) @ lower angle. whole zone seems highly tectonized

MINERALIZATION

alteration actually appears fairly weak - qtzites uniformly grey green. bio → chl but little intense bleaching - none of the characteristic bleached veins

rock is grey-green probably silicified & chloritic. cut by subhoriz. cal-qtz-chl. veins + minor py-po. Diss po common in intervals total <1%

↓ alt. dies out downward

alt. apparently is conversion of most bio to chl + sericite. no intense bleaching or cats zones. Most intense alt near upper contact

↓ becoming much greener in color increase in epidote? sericite this is consistently greenest rock seen to date - not bleached white appearance

} veined zone w/ reddish brown remnant cut by green veins

note - virtually no sulfides

rock pale grey-brown, some loss of biot., incr. sericite, minor chl. - still in large alt. zone that started @ the flat fault above

mottled w/ some green - less obviously intensely altered. - no good greenish veins
all mildly altered to grey green & cut by subvertical chl-cal veins

grey green w/ irreg. chl. appear. zones - prob. abund. sericite. still no sulfides

sandier beds most altered to mottled green-grey (seric - chl), minor chl shears w/ more argillaceous

weak bleaching, seric & pale green prob. epidote

tr. po in qtz vein

epidote alt @ top & bottom - base very vuggy

rock very green - chl + sericite & silicified, disseminated po & @ 849' diss & fracture-fill red sph. as go down get diss py in addition to po

↓ difficult to tell if rock really is altered - doesn't look like typical siltite - up to 3% po as streaks in less bedded rock to pale (low biotite) slightly more green & slightly harder.

note po is not on particular beds or foliations (tho it itself is foliated) - seems disseminated.

ROCK TYPE

grey-green qtzite w/some dark - not recrystallized? portions
← shaly, phyllitic zone - sheared argill portion of siltstone

↓ looks as if alteration front with higher SiO_2 above

massive dk grey siltstone grading down to grey-green siltstone w/ dk grey-black laminae - highly deformed. Looks like could have been argillite but now silicified.

@ 800' changes to more normal bedded rock - not fine whispy laminae. @ top of this section irreg. band of black argillite cutting bedding

mottled grey & green qtzite. Dark grey as irregular spots & streaks - unreplaced zones.

↓ becomes very green & softer - increase in sericite content?

} consistent fract. pattern & darker color suggest possibly original siltstone now silicified
hard to tell how much original siltite vs qtzite

good relict beds appear - rock still grey greenish - appears to be little change in alt from qtzite to siltite
many of beds are sheared out

mottled grey-green qtz rich rock w/ hints of bed parallel banding. darker grey than qtzite above
siltite w/ finely laminated rock @ base of interval

quartz-rich rock, appears to be qtzite but one good bed with it suggests some may be silicif. siltstone.

siltier beds still red-brownish but while more qtz-rich beds mottled greenish

greyish qtzite cut by distinct (not fuzzy) greenish veins - coalescing areas are pale green & locally vuggy

small white "clast" 1cm diameter

vuggy
greenish colored siltstone - bedding difficult to see. grades down to whispy bedded rock. this rock does not look like Aldridge siltite see above fault @ 755'. Could this be Creston Fm? or different portion of Aldridge? this unit similar to 740-800!

↓ becomes more massive - grey green rock w/ streaks of po
is this all a bleached & somewhat silicified argillite?

more qtz-rich zone cut by standard greenish bleached veins

CHEVRON RESOURCES COMPANY — **DIAMOND DRILL RECORD**

SCALE ______ BEARING ______ STARTED ______ DEPTH ______ INCLINATION ______ COMPLETED ______ NOTES BY MWH

COLAR ELEV. ______ PROPERTY ______ LOCATION ______ COLLAR COORD. N. ______ E. ______

SHEET 10 OF 24 HOLE No. Cont-3

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
870				alt. opp. of bio to sericite/chl resulting in paler color, qtzite loses significantly	dk grey siliceous rock largely mottled or gar to light grey-gray green
	100%		70° bedding	top is greenish alt grades down to unaltered; tr. po @ top of interval	pale grey-gray green siltstone as above in hole @ 879' pronounced color shift to dk grey-black (unaltered variety of rock). In altered portion rock is variably silicified
box 81	70%		65° bed ↓ bedding becomes more easily recognizable in unaltered rock; 65° bedding contact, sharp well defined contact		
880	93%			gt clots near contact in most bleached zone; absence of sulfides	dk grey qtzite cut by green bleached veins grades down to pale grey qtz-rich rock which is gradational into thin bedded siltstone
box 82	100%		60° bedding	alteration variable — well bleached to pale grey (green) @ top grades down to veined zone.	more normal qtzite variably bleached with patches of green bleached veins; in most bleached areas appears to be hi % sericite
890				no sulfides seen.	↓ gradational contact from rock that looks like qtzite w/ no bedding to rock where bedding discernable but still siliceous
	91%		60° bed of foliation in qtzite		
box 83			65° bedding; bedding cut by fracture/vein w/ cm of displacement - lower angle	highly silicified - alt. like most qtzites - even clots of calcite + gt.	top of this unit is highly siliceous gray green rock which would be indistinguishable from qtzite (has green veins etc) except it shows bedding
900	100%				areas with abund calcite may have been thin qtzite beds
			60°	↓ sharp contact into less altered more normal grey-brown siltites - still somewhat pale-bleached but not silicified	break in alteration ↓ unaltered siltstone
box 84	85%		65°		
910 box 85A			END OF HQ		
	80%		65° good bedding displayed	tr. po in late chl-cal veins otherwise little sulfide; more horiz. cal. veins	well bedded/banded zone - bed pinch + swell (not marker); ↓ paler grey towards contact
			70° ↓ whispy bedding - foliation?		
920	100%			slight mottling - characteristic greenish veins absent from 905' down been much less alter.	grey-green qtzite
	63%		55° good bedding over 8cm; @ 925 argill. material strung out & foliated. 45-50°	slight bleaching but poorly altered	top is well bedded, but not marker; argillaceous (black) band - highly foliated @ 925'
box 85B	63%		50° foliation loose bedding	↓ patches of greenish alteration greenish micas / epid? on fol. planes	↓ irregular, greenish well foliated
930				bleached alt. type (little to no chl) sparse gt disseminated very minor diss py <<1% cut by numerous 50° cal-qtz veins	pale grey bleached qtzite.
	93%		50° bed with qtzite	minor bleached veining + dark spot @ base	@ 933' 6cm zone of banded silty material break between 2 qtzite beds?
box 86	100%		rock broken, fractured - no good bedding or fol. surfaces; 50° foliation	typical bleached & greenish alt.	silty granular material, semi massive like qtzite but softer - more mica; variable color grey - pale greenish; poor to no bedding
940					
	100%		60° bedding; 65° bedding	@ 943' minor py on bedding/bd surfaces. ↓ graded bed?	@ 943' relatively abrupt change to darker, more well bedded rock becoming lighter colored + more granular down hole
			65° contact	typical bleached alt. + ≤1% diss py in bleached zone	mottled to locally bleached vein qtzite
950 box 87	100%			bleached, less mottly than above, tr poorly developed gt; sulfides not abundant	more silty interval, pale gray
			60° bedding contact		white siliceous nodule; top 1' is pale grey granular siltite, underlain by slightly darker siltite w/ some black argill. bedding plane
	100%		65° bedding	alteration most intense on upper + lower contacts - bleaching + some chl. Minor po in dark areas, tr. py outside. minor red ?? vein	qtzite
960					

@ 975.5'

so po being converted to py during the alt process

CHEVRON RESOURCES COMPANY — **DIAMOND DRILL RECORD**

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 11 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. Goat-3

SCALE ____ DEPTH ____ NOTES BY MWH / ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
960	100%		contact appears steep, ~60°	intense bleaching & clotty chl on basal contact weakly to unaltered	qtzite fine grained, pale grey - greenish grey siltstone
Box 89	87.5%		65°?	bleached, w/ ≤ 1% diss py/, tr sl	bleached qtzite
970	100%		55° bedding 55°	bleached vein style of alteration	granular siltstone - qtzite
			55° bedding		qtzite w/ bleached, coarse rock nodule near the
			75° foliation	minor diss & more commonly fracture fill po (w/ calc-qtz).	siltstone interval - dominantly medium to dark grey rock w/ whitish more argillic laminae which are discordant along other dom. foliation?
	96%				
Box 89			60° relict beddin broadened & cut in subparallel foliation	↓ more greenish colored, incr. in chl. abound 1-2% diss po, most also argillic - contains tr. sl.	basal 10 cm green & grey softer material more like argillite
980					
	100%		65° ghosts of planes defined by remnant dk grey areas	bleaching well developed but lacks veins or chloritic patches virtually no sulfides	dominantly very pale grey qtzite mottled @ top w/ some mottling apparently parallel to bedding & /or fol.
	100%			↓ near base get normal bleached veins & just above min gt	
Box 90			65° locally sheared parallel to fol/bedding		
990	100%		70° good bedding 25° bedding	siltstone appears unaltered	med grey, granular siltstone elongate hard white clasts 3mm
					pale grey
	90%				medium grey with lesser pale grey quartzite
			25° bedding - thinly bedded	only minor chlorite	thinly bedded
1000			30° foliation		
Box 91	98%			minor bleaching	
				portions with pastel pale creamy white with chlorite and biotite spots	pale grey quartzite with lesser siltite
			40° bedding	and minor bleaching around hairline fractures	
			40° bedding	only minor chlorite	quartzite with lesser siltite
			35° bedding	po in fracture in black portion	medium grey siltite some 2mm round white clast
1010	100%		35° foliation	po in fractures filled with calcite - lower 6" sheared	
			35° bedding disrupted by fractures 70° shear zone 6" wide fault gouge		medium grey siltite
				quartzitic portions bleached pale greenish grey and dark grey	pale greenish grey quartzite with lesser dark grey patches
			40° bedding	quartz rich sections have bleaching around fractures	medium grey siltite with lesser quartzite
Box 92			45° bedding	4" bleached creamy white with chlorite and biotite spots	medium grey siltite with lesser quartzite
			45° bedding	more quartz-rich portions are pale grey	pale grey quartzite with pale green bleaching along fractures
1020	98%			pale greenish with darker patches	medium grey siltite
				disseminated po - weakly magnetic	pale grey quartzite
	100%		40° bedding	not altered	
Box 93				po in calcite veins	pale grey quartzite with lesser siltite
1030	98%		40° foliation	small patch of creamy white alteration with spots of chlorite & biotite	
				vein type bleaching within quartzite portions	medium grey siltite with lesser pale grey quartzite
			sheared siltite - minor	pale greenish grey with dark patches	siltite
	97%			po on fractured surfaces	
1040			chloritized sheared rock	chloritized sheared po on fractured surfaces	medium grey massive quartzite - some areas are bleached pale green creamy with chlorite and biotite spots which appear aligned
Box 94	95%		35° foliation		
1050	100%				

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 12 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. 83

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1050	100%		35° foliation	- bleached siliceous rock	pale grey to greenish grey
Box 95	96%			- mostly bleached pale greenish grey sericitic	medium grey siltite
1060			30° bedding - faint	- minor calcite veinlets	pale grey quartzite
	97.5%				
			35° bedding		medium grey siltite with lesser quartzite
1070				- only minor garnet locally	
Box 96					pale grey quartzite
	100%				medium grey siltite with very minor quartzite - where thinly bedded has darker bands alternating with medium grey ones
1080			25° bedding - thinly bedded	- py on fractured surfaces - pale greenish bleaching where quartzite - otherwise not really altered	- quartzite is pale grey
Box 97	100%				
				- very pale grey bleached - sericite - py on fractured surfaces	pale grey quartzite
1090			30° bedding		
	93%				pale grey quartzite with lesser siltite
	100%			- 4" of pale creamy white with minor garnet	
			30° bedding	- minor sphalerite in fracture in quartzite	siltite with lesser quartzite
Box 98			35° bedding	- minor chlorite alteration	
1100	100%				- medium grey siltite with lesser quartzite
				- chlorite in quartzite - py in portions darker bands	
				- also py in chlorite filled fractures	- medium grey siltite with lesser quartzite
	96%		35° bedding		
				- pale greenish bleaching with darker chlorite and biotite	pale grey quartzite
1110					- medium grey siltite with quartzite
Box 99			40° bedding		pale grey
	95%			- small portions bleached creamy white where garnet	
					- siltite with lesser quartzite
1120	100%			- py in calcite veinlets - py disseminated in area of concretion	one calcareous concretion
			40° bedding		
Box 100			40° bedding		medium grey siltite with lesser quartzite
			25° bedding	- hairline fractures with minor bleaching	- pale grey
	100%				
1130				monotonous weakly bleached	- pale grey
	100%				
Box 101					
1140					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 13 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. 63

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1140	100%			-monotonous weakly bleached	pale grey
	100%				
1150			35° bedding	pale green bleaching	- med grey siltite with lesser quartzite
Box 102				-only weak bleaching	pale grey
	100%			-pale greenish grey bleach with black patches -minor calcite veinlets	-pale grey
			30° bedding		siltite with quartzite
1160				-chlorite along fractures	-pale grey quartzite with lesser siltite
			35° foliation	-crackled portions with quartz-rich patches and chlorite in between (tectonized) - appears almost brecciated	
Box 103	100%				
1170			40° foliation		
	100%		45° foliation	-blobs of quartz	-pale to medium grey
			45° foliation (bedding?)		
Box 104				-small patches of more bleached	-pale grey
1180			35° bedding		
	100%			-pale greenish bleach bleb-ading with darker areas rich in chlorite and biotite	pale grey with dark grey bands and patches
1190			minor shear		
			35° bedding - thinly bedded	-garnet in creamy white quartzite with biotite	siltite with lesser quartzite
Box 105	100%		30° bedding	-pale greenish bleaching parallel to bedding some dark portions	
			10" of sheared gouged rock		quartzite with lesser siltite
1200	100%			-pale greenish grey bleaching intense	-medium grey
				-po in quartz/calcite veinlets	
Box 106	100%		35° bedding	-disseminated po and as blebs parallel to bedding	-medium grey siltite with lesser quartzite
1210			shear at 25°	-sericite, chlorite -locally creamy bleaching	-pale grey quartzite
	100%		25° sheared rock		
Box 107	100%			-bleached to pale greenish grey	-pale grey
1220			extremely broken up rock		
			shear		
			broken up rock	-minor po with chlorite	medium grey
Box 108	100%		30° bedding		
	87%		30° bedding	-1cm wide creamy white band where garnet	pale grey quartzite with lesser siltite
1230				-py on fractured surfaces	

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 14 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. 63

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1230	87%			py on fractured surfaces	medium grey siltite
Box 108			25° bedding disrupted by fractures		
			35° shear tectonized chloritic cataclasite	highly tectonized chloritic	highly tectonized chloritic
1240	100%		35° bedding	py on fractured surfaces	pale grey quartzite
			40° bedding	chlorite and calcite veinlets	medium grey with dark grey bands
Box 109			40° bedding	pale greenish grey with dark patches	pale grey with dark patches
					medium grey with dark bands
1252	100%		35° bedding	pale creamy white altered 5cm wide with chlorite	pale grey with one small creamy white area and several dark chlorite and biotite rich areas
			35° bedding	small quartz vein (3cm)	
			35° bedding	only lower portion is bedded	medium grey with black bands
1260	100%		30° bedding		medium grey
Box 110			35° bedding	1cm wide pale creamy alt	pale grey
				locally creamy white last 6" were split	pale grey with creamy and black areas
			40° bedding	minor soft sed deformation minor portions bleached creamy	
1270	100%			pale greenish alteration	pale grey
Box 111				sparse calcite veinlets	medium grey siltite with lesser quartzite
			40° bedding	py on fractured surfaces	
1280	100%				pale grey quartzite
Box 112	100%		25° bedding disrupted sheared some appear boudined	pyrite on fractured surfaces pale greenish alteration is pervasive in lighter portions	alternating black and white laminae
1290			25° bedding and contact		
				irregular hairline fractures	pale grey quartzite
Box 113	100%			pale greenish grey (chlorite-sericite) alteration is pervasive dark patches present	
1300				minor coarse py within creamy white to greenish white areas	
Box 114	100%				generally medium grey with lighter and darker patches
1310				chlorite, Fe carbonate, SiO_2 and pyrite	
	96%			yellowish grey altered patches (soft Fe carbonate)	
Box 115	100%			also some more black argillaceous areas	
1320					

CHEVRON RESOURCES COMPANY — **DIAMOND DRILL RECORD**

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 15 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. 53

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1320	100%			- hairline fractures - Fe carbonate in some - py	- pale grey quartzite
Box 115					
1330	100%		40° foliation	quartz/Fe carbonate veinlets 0.1-2cm wide (brecciated	- pale grey with even pale patches
				- Fe-carbonate fills hairline fractures - brecciated SiO_2 with Fe carbonate matrix	- creamy greyish white quartzite
			4cm of breccia		
1340	100%		40° bedding disrupted by fractures filled with Fe-carb	quartz/Fe carb. hairline veinlets	- pale grey with some darker bands
Box 116					
				- creamy alteration around quartz/Fe carb veinlets - green chloritic where no Fe carb	- very pale grey quartzite
1350	100%		25° foliation	- only minor hairline Fe-carb + coarse py	- pale grey
Box 117	100%			- quartz/Fe carbonate veinlets brecciated with Fe-carb as matrix	- pale grey quartzite
1360	99%		40° bedding		
				- sparse quartz veinlets - sparse hairline fractures - disrupted bedding by fract.	- pale grey quartzite - pale grey - pale grey quartzite
Box 118					
1370	100%			- sparse hairline fract.	- medium grey with pale areas - pale grey
				- sparse calcite veinlets	- medium grey
			35° bedding?	- hairline veinlets of sphalerite	- medium grey
1380	100%				- medium grey siltite with lesser quartzite
Box 119				- only hairline calcite veinlets	
	100%		35° shear zone Fault - slickensides		
1390			Fault - cataclasite		
Box 120	100%		40° bedding	- abundant - coarse py with chlorite	- medium to pale grey - medium grey siltite
1400				- pervasive pale greenish grey alteration - hairline fractures	- medium grey quartzite with lesser siltite
	100%				
Box 121	96%				
1410					

CHEVRON RESOURCES COMPANY — **DIAMOND DRILL RECORD**

SCALE ______ BEARING ______ STARTED ______ DEPTH ______ INCLINATION ______ COMPLETED ______ NOTES BY ZR

COLAR ELEV. ______ PROPERTY ______ LOCATION ______ COLLAR COORD. N. ______ E. ______

SHEET 16 OF 24 HOLE No. 63

DEPTH	% REC.	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
Box 121 1410	96%				medium grey siltite with lesser quartzite
				pale sericitic alt with some darker biotite and chlorite rich patches	pale to medium grey quartzite
1420 Box 122	100%		fault gouge		
			40° contacts		quartz vein
	100%				
1430 Box 123	100%				pale grey quartzite with lesser medium grey siltite
				coarse pyrite - some almost cubic	
1440	97%				calcareous concretion
			45° bedding		
				minor creamy white alteration	
	95%			1cm quartz vein	
				pale greenish chloritic/sericitic alteration	carb concretion
1450 Box 124	100%				medium grey siltite
			45° bedding		
1460	100%		breccia 45° shear	brecciated quartz with chloritic matrix	medium grey quartzite
Box 125					medium grey
	100%			some portions are bleached very pale whitish grey	pale grey quartzite with lesser medium grey siltite
1470 Box 126	92%			specs and clots of chlorite	
				pyrite coarse - some cubic	
					medium grey siltite with lesser quartzite
				pale sericitic alt.	
1480	100%				quartzite with lesser siltite
				hairline fractures common	pale grey quartzite with lesser darker grey siltite
1490 Box 127	100%				
			60° bedding - thinly bedded	py along bedding	medium grey siltite
				chloritic green.	
Box 128	100%				quartzite with lesser siltite
1500					medium grey - hard white concretion

CHEVRON RESOURCES COMPANY — **DIAMOND DRILL RECORD**

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 17 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. G3

SCALE ____ DEPTH ____ NOTES BY ER LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1500	100%			- large portions very pale grey due to alteration - hairline fractures locally abundant	- pale grey quartzite
Box 128	100%				
1510	100%			- weak bleaching	- medium grey siltite
Box 129	100%				
1520				- epidote and calcite in hairline fractures - portion minor bleached greyish white - coarse py locally	- pale grey quartzite
	100%		55° bedding → grading up		- laminated thinly bedded siltite
1530					- pale grey quartzite portions fractured and filled with epidote - lesser siltite
Box 130			40° bedding	- calcite and epidote filled fractures	
	100%				
1540				- pyrite and sericite abundant	
			45° bedding		- medium grey siltite with lesser quartzite
Box 131	100%			- hairline fractures with calcite	- pale grey quartzite
1550			40° bedding	- quartz/calcite/chlorite veinlet	
	100%				
Box 132					- medium grey siltite with lesser quartzite
	100%		45° bedding (faint)		
1560			1ft wide shear zone, gouge chloritic		
	100%			- hairline fractures - py fills fractures	pale grey quartzite
1570					- medium grey siltite - very pale grey quartzite
Box 133				- hairline fractures with calcite and black patches with py	- chloritic sheared siltite with lesser quartzite
	80%		25° fault zone, gouge broken up jumbled rock chloritic, cataclasite		- pale grey with lesser siltite
1580				- hairline fractures chloritic gouge	
	100%				- Chloritic sheared siltite with lesser quartzite
Box 134	95%				- sheared chloritic
1590					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 18 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. G3

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1590	95%			hairline fractures common	pale grey quartzite
Box 135			20° shear	chloritized sheared rock	medium grey siltite with lesser quartzite
1600					
	98%				pale grey quartzite with lesser siltite
			shear	sheared chloritic rock	broken up siltite
1610				hairline fractures with calcite	pale grey quartzite with lesser siltite
Box 136	100%			quartzites portion bleached pale whitish grey remainder weakly altered	medium grey siltite with lesser quartzite
1620				generally weak pervasive alt small portions bleached more pale	
Box 137	100%		60° bedding		quartzite with lesser siltite
			70° bedding - flame structure		medium grey siltite with lesser quartzite and even lesser argillite
1630					
	100%			portion areas bleached lower foot crackled and bleached pale	pale grey quartzite
			shear - chloritic	extremely crackled and bleached - black areas with py	very pale grey quartzite
1640					
Box 138	100%		fractures at 20° - chloritic	extremely chloritic where fractured	medium grey siltite with lesser quartzite
				hairline fractures abundant	pale grey
				chloritic green	medium grey siltite
1650					
Box 139	100%		5° fault with brecciated quartzite		quartzite with lesser chloritic siltite sheared
			50° bedding		medium grey siltite with lesser quartzite
1660					
Box 140	100%			hairline fractures filled with calcite	pale grey quartzite with lesser medium grey siltite
	100%			monotonous bleached pale whitish grey or just chloritic green	fairly monotonous thick bed
1670					
Box 141	95%		45° fault with broken ground up quartzite 5cm wide - extremely fractured		
	100%				
1680	100%				

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 19 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. 63

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1680	100%			- only weak alteration - bleached grey with green-dark patches	pale grey quartzite - medium grey siltite - pale grey quartzite
Box 142			60° bedding - middle portion not bedded	- chloritic alteration - darker grey-black beds and patches probably biotite-rich	- medium grey siltite with lesser quartzite
1690	97%		60° bedding		
	100%				- pale grey quartzite - medium grey siltite with lesser quartzite
Box 143					
1700	100%			- bleached green-ish to pale greenish grey with some hard black patches - pyrr and magnetite po	light to medium grey quartzite with lesser siltite
				- locally darker grey-black patches	- medium grey siltite - pale grey quartzite with lesser siltite
1710	100%				- medium grey siltite
Box 144					
1720	96%		45° bedding - thinly bedded		- parts of this are marker-like but are to distorted to be of any use - pale grey quartzite with lesser siltite
	80%		zone of extremely shattered rock 50° bedding		
1730					MARKER (broken up) (1730)
Box 145	78%			- garnet in extremely bleached out areas - calcite veinlets	- quartzite with lesser siltite
			60° bedding		
1740	100%				
Box 146	90%			pervasively weakly altered to sericite, silica	pale grey quartzite with lesser medium grey siltite
1750	99%				
	100%				
1760					
Box 147	100%		55° bedding	- only quartzitic portions weakly altered	thinly bedded with lesser quartzite
Box 148	97%				
1770					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 20 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. 63

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1770				- generally unaltered - minor bleaching where quartzite	- siltite with lesser quartzite
	100%		55° bedding		- thinly bedded
Box 148				- minor hairline calcite	
	100%		55° bedding	- relatively unaltered	- medium grey siltite
1780					
				- only some portions are weakly altered and pyritic	- pale to medium grey quartzite with lesser siltite
Box 149	97%				
1790					
	100%			- only minor bleaching where quartzite	- medium grey siltite with lesser quartzite - thinly bedded
			50° bedding		
Box 150	100%				
1800					
	100%				
			45° bedding	- top is very pale and pyritic	- pale grey quartzite with lesser siltite - silty portions faintly laminated
	100%		45° bedding		
				- epidote veinlets - coarse pyrite - weak bleaching	- pale quartzite
1810					
Box 151	96%				
			35° contact of vein	- extremely pyritic	quartz vein - quartzite with lesser siltite
			breccia 60° - crackled with carbonate matrix		
1820				- intense hairline fractures filled with calcite - narrow alteration around fractures - almost crackled in places	- pale grey quartzite
	99%				
Box 152					
1830	100%		60° bedding - graded bedded shows top up	relatively unaltered	- thinly bedded turbidites
	100%			- quartzite portions are weakly bleached around calcite veinlets	- medium grey siltite with lesser quartzite
			55° bedding		small portion thinly bedded
			50° bedding		
1840	94%				- pale grey quartzite with lesser siltite
Box 153					
			crackle breccia	- portions crackle breccia with calcite/Fe carb filling	
	100%			- bearls altered po in hairline fractures	siltite with lesser quartzite
			55° bedding		
1850					
	100%			- fairly monotonous with the exception of fractured, crackle areas	quartzite with lesser siltite
Box 154					
	90%				
1860	96%				

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 21 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. G3

SCALE ____ DEPTH ____ NOTES BY ZK LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1860	96%			almost crackee breccia	quartzite with lesser siltite pale grey
1870	100%		10° quartz vein contact		quartz vein at 10° quartzite - pale grey
Box 155				patchy pale greenish alteration with dark less altered areas	
	100%		55° bedding	hairline fractures with narrow alteration envelopes	MARKER (G3-1877)
1880	85%		55° bedding		MARKER (G3-1881)
			55° bedding	hairline fractures coarse py within concretion	
Box 156	100%		50° bedding		medium grey siltite with lesser quartzite
1890	100%			weakly bleached with darker biotite-rich patches	quartzite with siltite
			55° bedding		
Box 157	100%			one hairline fractures without much alteration	quartzite with calcareous concretion
			55° bedding		medium grey siltite with lesser quartzite
1900	100%		crackle breccia	Fe carbonate filled cracks in crackee breccia (sample)	
	100%			pale greenish bleaching with darker areas	pale grey quartzite with lesser siltite
Box 158				hairline fractures filled with quartz and calcite (look like top of hole	
1910	100%		60° bedding		
			60° bedding		2" of MARKER? - not enough for ID
1920	99%			patchy pale greenish bleaching with dark biotite rich areas like top of hole	monotonous pale grey quartzite
Box 159					
	90%				
1930	100%				
Box 160	100%		20° - 3 ft wide fault gouge crackled rock		
	86%			crackled rock chloritic gouged rock	broken up chloritic rock
1940	100%			patchy pale greenish bleaching with dark patches similar top of hole	pale grey quartzite with lesser siltite
	88%				
Box 161	99%			2cm quartz vein at 20° sprinkled with py tiny garnets minor quartz veinlets with py	pale grey quartzite
1950					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 22 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. G3

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1950	97%		55° bedding	- hairline fractures filled with calcite - locally crackled	- pale grey quartzite with lesser siltite
	100%				
1960	100%				
Box 162					
	100%			greenish with chlorite	- medium grey - 5mm wide pyritic quartz vein at 5°-10° to core axis
1970					
Box 163	100%			- dark black hard patch containing po & py - po in quartz veinlets	- pale grey quartzite with lesser siltite
1980					
Box 164	100%		minor shear		
1990			55° bedding		medium grey siltite
	99%		40° shear zone		- pale grey quartzite - very broken up
2000	88%		55° bedding	chlorite where rock broken	- medium grey siltite with lesser quartzite
Box 165	100%		50° bedding		- pale grey quartzite
2010	94%				
Box 166	100%			- calcareous concretions fairly common - black and hard	- pale grey quartzite with lesser siltite - calcareous concretions
2020					
Box 167	100%		55° bedding		- pale grey quartzite with lesser siltite
2030	100%		55° bedding		- medium grey siltite with lesser quartzite
Box 168	100%				
2040					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 23 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. G3

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC%	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
2040					
Box 168	100%		55° bedding (some disrupted)	alteration similar to top of hole - garnet with po	- pale grey quartzite with lesser siltite
2050	97%				- calcareous concretion with po medium grey siltite with lesser quartzite
Box 169	100%		55° bedding		
2060	100%		chloritic shear zone	- hairline fractures	- pale grey quartzite broken up chloritic siltite - pale grey quarzite
Box 170	100%		50° bedding crackle breccia	- crackle breccia with calcite matrix - some darker unalt patches	
2070	100%				- siltite with quartzite
	100%		50° bedding	- barely altered - py on fractured surfaces	medium grey siltite
	97%				- pale grey quartzite
2080					
Box 171	100%				- hard white clast? - siltite with lesser quartzite
	88%		50° bedding - some disrupted		
2090					
Box 172	98%		50° bedding Fault gouge (25° crackled breccia with carbonate matrix		- pale grey quartzite with siltite - hard white inclusions - brecciated quartzite
	100%		55° bedding		- medium grey siltite with lesser quartzite
2100	83%				
	100%		MARKER (55° bedding) 55° bedding 40° shear, minor gouge and breccia	- pale bleaching with darker patches	MARKER (2104 - 2105)
Box 173				- crackled	- medium grey with dark bands
2110			55° bedding		
	100%			- darker unalt patches py on fractured surfaces - abundantly speckled with po	pale grey quartzite
	81%		shear zone - broken rock		- broken chloritic siltite
2120					
	82%				- pale grey quartzite with lesser siltite
Box 174	79%				
	100%			py in quartz vein	- 1cm quartz vein
2130					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 24 OF 24

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. G3

SCALE ____ DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
2130	100%			- hairline fractures, crackling, Fe carb	pale grey quartzite
				- darker patches present	siltite with quartzite - hard white inclusion
Box 175	87%		Fault gouge		
2140	83%			chloritic where gouged and sheared	pale grey quartzite with broken up faulted areas chloritic green
	91%		Fault with gouge, extremely broken rock		
	38%			- less broken quartzite is crackled with fract. filled with Fe carb + calcite	
			Fault gouge		
2150	100%				broken up siltite
Box 176	93%		35° shear zone in quartzite	chloritized where sheared and gouged	
	100%				- medium grey siltite
2160	66%			- dark unaltered patches present	quartzite with lesser siltite
	90%		broken up rock		
Box 177	87%		broken up rock		
2170	100%		broken rock		- siltite with lesser quartzite
			broken rock	- dark hard patches	- broken up quartzite
Box 178	94%			py in fractures	
					END OF HOLE, 2177

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10'
BEARING 252° INCLINATION 85°
STARTED Aug. 3 1989 COMPLETED Sept 7, 1989
DEPTH 1634 feet NOTES BY Z. Rebic
COLAR ELEV. PROPERTY GOAT FELL LOCATION
COLLAR COORD. N. 49°07'05" W 116°12'04" W
SHEET 1 OF 16 HOLE No. 64

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
					OVERBURDEN
240					Boulders of metagabbro - rusty on fractured surfaces - medium grey quartzite with white altered patches - large portion are extremely fragmented and contain some cave-in material - locally rusty
Box 1	100%		50° bedding disrupted by fractures - small sections are thinly bedded	- minor patches white alteration	
250	100%			pale white alteration with chlorite - ALBITE? patchy QUARTZ? - contact purplish - hornfels - chloritized with lesser patches of biotite	- fine grained grading into coarser towards the middle - hairline quartz/calcite veinlets - white patches of quartz - non magnetic
Box 2					
260	100%		30° shear zone 45° contact	- purplish chlorite)	- generally purplish grey with darker green patches and white patches - large biotite flakes common in darker areas - alteration probably contact related to the sills
Box 3					
270	100%		rip up beds, crackling 50° bedding - alternate white and dark beds offset by fractures - more rip up beds, crackle	- white patches with flakes of biotite - white alteration along beds - chlorite in dark beds - py on fractures - much quartz veinlets but not large enough to show, crackling	
Box 4					
280	100%		50° bedding	- weaker bleaching with darker purplish brown areas	
Box 5					
290	100%		- crackled 50° contact	- white alteration with chlorite - hornblende crystals form recognizable purplish and white - crackled with chlorite in fractures	- sill penetrates the sediments at contact - contact is fine grained grading into coarser grained toward center - minor hairline fractures
Box 6	100%				
300					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | INCLINATION | COLAR ELEV. | SHEET 2 OF 16
STARTED | COMPLETED | PROPERTY | HOLE No. G4
DEPTH | NOTES BY ZR | LOCATION
COLLAR COORD. N. | E.

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
300					- medium grained metagabbro - equigranular massive
Box 7	100%				- greyish-green colour
310	100%				- cave in quantity
Box 8	100%		Fault gouge at 50°		- very broken up and gouged within fault zone
320	88%		Fault zone		- blocky portions have calcite/quartz veinlets at 50° and also subparallel to core axis
Box 9	55%		Fault gouge		- non magnetic
330	100% / 71%				
Box 10	100%				
340				Calcite/Fe carb in veinlets - also rusty pale greenish bleaching in areas of veinlets due to Fe carbonate?	- medium grey with rusty fractured surfaces and rusty weathering veinlets
Box 11	100%				
350	100% / 95%				
Box 12	96%		broken up rock - Fault		- medium grey with much less rust, lesser argillite - quartz veinlet some subparallel to core axis
360	100% / 92%		70° bedding		
Box 13	100%		broken up rock Fault - broken up rock		
370	100%				
Box 14	100%		Fault gouge 60° quartz/calcite/Fe carb veinlet	quartz/calcite/Fe carb veinlet	- fairly monotonous green gabbro with portion that are sheared and fault chloritized - quartz/calcite veinlets common where rock well fractured
380	100%		Fault gouge		
Box 15	100%				
390	91%		Fault		

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10'

BEARING ____ INCLINATION ____ COLAR ELEV. ____ SHEET 3 OF 16

STARTED ____ COMPLETED ____ PROPERTY ____ HOLE No. G4

DEPTH ____ NOTES BY ZR LOCATION ____

COLLAR COORD. N. ____ E. ____

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
390	91%				
Box 16	100%		Fault gouge		- gabbro is coarser grained away from contact with metasedimentary rocks
400	100%		Fault	quartz/calcite veinlets and silicification	
Box 17	100%				- monotonous with the exception of sheared faulted sections and quartz/calcite veinlets
410	100%				
Box 18	100%				
420	100%		calcite/quartz veinlets with brecciation - almost at 90° to core axis	po in calcite veinlet	
Box 19					
430	100%		broken up rock - Fault?		
Box 20					
440	100%				
Box 21					
450	100%				
Box 22	100%		shear zone @ 50°		
460					
Box 23	98%				
470	100%		shear zone at 50°		
Box 24			broken up rock		
480	100%				

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | INCLINATION | COLAR ELEV. | SHEET 4 OF 16
STARTED | COMPLETED | PROPERTY | HOLE No. G4
DEPTH | NOTES BY ZR | LOCATION
COLLAR COORD. N. E.

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
480	100% Box 25		35° Fault		monotonous medium grained equigranular green gabbro
490	91%		Fault		
	100% Box 26		vein is almost parallel to core axis		quartz vein with lesser calcite and wallrock of gabbro
500	100%		55° fault		
	100% Box 27			chlorite + clay	
510	61%		fractures subparallel to core axis		
	92%		40° shear		- medium-grained equigranular gabbro, broken up into small pieces, gouge
	100% Box 28		Fault zone - very broken up gouged rock		
520	98%				- minor quartz/calcite veinlets throughout
	100% Box 29				
	86%				
530	100%				
	44% Box 30				
540	100%				
	100% Box 31		slickensides on surface parallel to core axis at 60° to core axis		
550	100%				
	Box 32 90%		35° quartz vein contact		35° quartz/calcite veinlet 5cm
560			unbroken section - excluding lesser fracturing		
	100% Box 33				
	83%				
570			- Fault gouge broken up section starts		

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | INCLINATION | COLAR ELEV. | SHEET 5 OF 16
STARTED | COMPLETED | PROPERTY | HOLE No. 64
DEPTH | NOTES BY ZR | LOCATION
COLLAR COORD. N. | E.

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
570			Fault zone		
Box 34	77%			chlorite + clay	
	100%				
580	85%				- medium grained greenish gabbro - in places quite broken up and gouged
Box 35	100%				- calcite veinlets present but not numerous
590	97%				
Box 36	83%				
600	100%		Fault gouge		
Box 37	90%				
610	88%		fractures subparallel to core axis, slickensided and fault gouge		
Box 38	100%				
	100%		15° shear - also contact with silicified quartzite? broken up rock	← calcite and quartz veinlets, silicification	pale greenish grey with black chlorite spots and possibly disrupted bedding
620					
Box 39	100%				- medium fine grained equigranular greenish rock - soft chloritic - most likely fine phase of gabbro - massive
	100%				
630					
Box 40	100%				
640	85%		50° shear with some fault gouge		
Box 41					
	96%		minor gouged surfaces		
650			quartz vein contact at 15° to core axis	• - po in quartz vein	quartz vein at 15° to core axis
Box 42	86%				
	100%				
660					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" = 1:10' | BEARING | STARTED | DEPTH | INCLINATION | COMPLETED | NOTES BY ZR | COLAR ELEV. | PROPERTY | LOCATION | COLLAR COORD. N. | E. | SHEET 6 OF 16 | HOLE No. 64

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
660				- chloritized	
Box 43	100%				
	86%				
670			Fault gouge subparallel to core axis, slickensides	- 5mm wide quartz veinlet	- grain size becomes coarser, still green gabbro
Box 44	100%			- chloritization	
680	100%				
Box 45					
	92%		35° fault zone		
690	82%		Fault zone, all gouged rock, messy		
Box 46			minor breccia with calcite matrix		- pale grey, broken up
	55%			- pervasive bleaching with flakes of biotite	- pale grey, very broken up quartzite with lesser siltite
700	42%		fragmented and gouged fault zone		
	44%				
Box 47	25%				
	50%				
710	75%				- quartz vein
					- quartz vein
	97%				
Box 48				- minor hairline calcite veinlets throughout	- green chloritic rock Moyie gabbro
720	93%				
	83%		fault gouge and broken		
Box 49	96%		- fractured surface parallel to core axis, coated with carbon, slickensides at 45° to core axis	- carbon on vertical fracture with slickensides at 45° to core axis	
730					
	100%				
Box 50			gouged broken up rock	- minor vein type bleaching	
	80%		Fault zone		
740	100%		- 40° Bedding in a larger piece		- Quartzite with lesser siltite
	60%				
Box 51	83%				- very broken up pale grey rock
	67%				
	32%				
750					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD — SHEET 7 OF 16

SCALE 1" : 10' — BEARING — INCLINATION — COLAR ELEV. — PROPERTY — HOLE No. 64 — STARTED — COMPLETED — DEPTH — NOTES BY ZR — LOCATION — COLLAR COORD. N. — E.

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
750	50%		gouged broken up rock Fault zone	- minor vein-type bleaching	- pale grey quartzite with lesser siltite
Box 52	40%				
760					
	29%			- red ochre film (minor) hematite within gouged rock	chlorite-rich rock, gouged → Magic gabbro
Box 53	83%				
	100%				
770	69%			- extensive chloritization within broken gouged fault zone	
	78%				
Box 54					
780	90%			- minor calcite/quartz veinlets	
Box 55	100%				
790	100%				
			Fault gouge and broken rock		
Box 56	96%				
800	100%				
	100%		gouge fault at 30° to core axis		
Box 57	92%		40° bedding	- bleached pale greenish patches with darker biotite-rich patches	- pale grey quartzite with thin dark beds where thinly bedded - when wet dark bands are pitch black - carbon? but hard
810			40° bedding		
	100%		10° fracture with py disrupted bedding and minor breccia with calcite	- py in minor breccia with calcite - vein-type bleaching throughout - py in fractures - also patchy pale greenish bleaching	- quartzite with lesser siltite brownish grey when dry - when wet pale greenish and darker purplish colour with latter dominating closer to the lower contact with gabbro
Box 58			30° bedding		
820			boudined beds - some rotated	- chlorite abundant in areas of white alteration	
	100%			- by far purplish material dominate close to lower contact with gabbro - it looks like hornfels	- minor redrilled gabbro - cave-in
Box 59	87%				
830	100%			- coarse biotite flakes are locally common	
Box 60	98%		30° bedding		
840	100%		35° contact sheared		

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | STARTED | DEPTH | INCLINATION | COMPLETED | NOTES BY ZR | COLAR ELEV. | PROPERTY | LOCATION | COLLAR COORD. N. E. | SHEET 8 OF 16 | HOLE No. 64

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
840 Box 60	100%			-chloritized - calcite veinlets present but not abundant	- fine to medium grained gabbro - quite monotonous - non-magnetic
	100%				
850 Box 61	72%		Fault gouge Fault gouge		
	83%				
Box 62	100%		extremely broken		
860	75%		30° fault gouge with slickensides at 70° to core axis (ie fairly flat)		
Box 63	91%				
870					
	100%				
	100%				
Box 64	100%		? Fault broken up rock		
880	13%			-bleached very pale grey - minor quartz veinlets	- pale grey quartzite with lesser siltite
	33%				
	15%		extremely broken up rock, pebble size mostly - minor gouge as mostly washed out - probably a fault zone with washed out gouge or perhaps just extremely shattered rock		
890					
Box 65	22%				
	98%				
	83%		?		siltite - calcsts of siltite
900					
	98%				- subvertical quartz vein
Box 66	90%				
910	83%		extremely shattered rock		
	100%				
	66%		40° bedding		
	68%		Fault gouge, broken up rock		medium grey siltite - quartzite with minor siltite
920 Box 67					
	91%				
			- 10 cm of breccia and crackle breccia with calcareous matrix		
	93%				
930					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | STARTED | DEPTH | INCLINATION | COMPLETED | NOTES BY ZR | COLAR ELEV. | PROPERTY | LOCATION | COLLAR COORD. N. | E. | SHEET 9 OF 16 | HOLE No. G4

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
930	93%		45° bedding		siltite with lesser quartzite
	100%		broken up rock		
Box 69	83%			- quartz vein	quartz vein with wallrock - subvertical
	79%		45° bedding Fault gouge	- abundant py in gouge	quartzite with lesser siltite
940			30° contact quartz vein	- py and pp abundant in quartz veins; black carb	MARKER? *
Box 70	90%		40° bedding	pp and cpy? py in quartz veins;	quartz vein
			bedding at 40° quartz vein at 10° to core axis		3 inches of quartz vein
	100%			py, cpy in quartz vein black carb on fractures	small quartz vein
	83%				small quartz vein
				- py, cpy abundant in quartz vein piece, black carbon,	- medium grey siltite
950	100%		35° bedding	- py fractures	
	100%			- py on fractured surfaces	medium grey siltite
Box 71			35° bedding. < minor gouge		
				- black, py in fractures - black spots up to 3mm in diameter	medium to dark grey quartzite with minor siltite beds
	100%		*	- py on fractured surfaces generally only minor vein type alteration; hard - tourmaline?	- hard - do a section to test * for tourmaline? probably not
960					
Box 72	100%			- bleached pale	
			40° bedding, parting parallel to bedding		- medium grey siltite with lesser quartzite, minor quartz veinlets
	100%			- some portions are pervasively bleached, other only minor vein type bleaching, some appears hardly altered	- medium to pale grey quartzite with lesser siltite
970					
Box 73	100%				- cave in gabbro
			oriented at 50° to core axis	- black hard lens of tourmaline? up to 1cm *	
	98%				- up to 2mm pale lath-like in some beds ⇒ probably altered from centres with biotite rims giving fragmental appearance
Box 74	100%		40° bedding. broken up rock - Fault?		
980	77%		40° bedding		
	100%				- siltite with quartzite
	100%		40° bedding		
Box 75				- py in 1cm quartz vein with pale greenish alt around the vein	- medium grey quartzite with bleached hairline fractures
	100%			- pale greenish bleaching around hairline fractures	
990			contact at 33°, minor shearing		
				- chlorite - calcite veinlets - also minor quartz veinlets	fine to medium-grained green gabbro-diorite
	100%		Fault gouge		
Box 76					
1000	100%				medium to pale grey
	55%		extremely broken up		
	67%			- py in quartz vein	- minor quartz veining
Box 77	71%		Fault gouge		
1010			extremely broken up gouge		
	83%				
	91%			- minor galena + sphalerite	- fine to medium grained
Box 78			broken up Fault zone	- calcite veinlets, chlorite patches, galena (specs of tetrahedrite) and sphalerite	- when wet pale greenish grey with dark patches of chlorite - calcite veinlets common
1020	83%				- also minor clean quartz veinlets

SCALE 1" : 10' | BEARING | STARTED | DEPTH | INCLINATION | COMPLETED | NOTES BY ZR | COLLAR ELEV. | PROPERTY | LOCATION | COLLAR COORD. N. E. | SHEET 10 OF 16 | HOLE No. G4

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1020				- calcite and quartz veinlets	medium-grained gabbro to diorite
	100%				
Box 79			broken rock 45° bedding broken rock	- calcite, Fe-carb veinlets - vein type alt with some pervasive	when wet pale greenish with darker patches
	100%				
1030				- Fe-carb/calcite veinlets at 50° and perpendicular to core axis. Fe carb within bleached areas around veinlets - 2mm oval clots of dark mineral (chlorite) - mostly vein type bleaching	when wet darker greenish grey with bleaching around veinlets - when wet pale greenish grey around fractures and where bleached, with darker areas
	100%				
Box 80	100%		gouge 35° bedding extremely broken — Fault zone		
	91%				
1040					
	100%		subvertical fractures 40° shear gouge — calcareous		fine to medium grained gabbro-diorite
Box 81	89%				
1050			shear at 40° 40° bedding	- py common on fractured surfaces - also blebs of py in darker clots within pervasively bleached rock (chlorite?)	- medium to pale grey quartzite with lesser thinly bedded siltites - where thinly bedded siltites it is darker ie. medium grey
	100%				
Box 82	100%				
	100%		25° bedding ?	- tiny clear quartz veinlets - disseminated py - 2mm rectangular and oval andalusite? with pale centers - sericite - minor quartz veinlets - mostly vein type bleaching	- medium-grey with thin darker chloritic streaks medium to pale grey quartzite with lesser siltite
1060	88%				
Box 83	42%				
	100%				
1070	83%		45° bedding Fault gouge disrupted bedding by fractures and bleaching 35° bedding	- quartzite beds bleached completely or vein type alteration - darker laminae present (chlorite) py - black concentrations in py pale spots (andalusite gone to sericite?)	10cm of MARKER? ✱ - siltite to lesser quartzite
	95%				
Box 84	75%				
	100%			- pervasively bleached ie. complete alteration (sericite, SiO_2, chlorite) lesser areas are vein type alteration, clear quartz veinlets	very pale greenish grey to greenish buff.
1080	94%				
Box 85	100%				
Box 86	86%			- 1-3" quartz veins with pyrite - almost parallel to core axis	pale grey quartzite
1090					
	75%		broken up rock, minor gouge Fault 40° shear		
	100%			- dark oval spots - centers not bleached - minor dark spotted with slightly bleached centres - oval elongate spots with bleached centers, black also pale green spots - some purplish patches (biotite) but generally pervasive bleaching - dark spotted with also pale centered black spots with pale cores - amoeba-like beige spots in light bands of matrix?	- medium to pale grey, dark spotted sections - spotted siltstone (hornfels) - minor black ripup clasts - very pale greenish bleached some purplish patches siltite with lesser argillite MARKER? ✱
Box 87	100%				
1100					
	91%		extremely broken up Fault		
Box 88	100%				
	92%		60° bedding, 15° foliation		
1110				- rock is foliated (or schistose)	

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | STARTED | DEPTH | INCLINATION | COMPLETED | NOTES BY ZR | COLAR ELEV. | PROPERTY | LOCATION | COLLAR COORD. N. E. | SHEET 11 OF 16 | HOLE No. G4

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1110	92%		folding fault gouge		pale greenish grey quartzite with lesser purplish patches (biotite)
	100%		very broken up rock		
	81%		Fault	minor black spotting generally pervasive sericite, SiO_2, carbonate bleaching with purplish patches	
Box 88	100%				
1120	100%		45° bedding, some disrupted some schistosity parallel to bedding	beige spotted (1mm spots) purplish patches (biotite)	pale grey siltite pale greenish grey with dark patches
	94%		45° bedding some disrupted	pain 5mm wide quartz vein lets, greenish spotted with lighter centers	MARKER ? * 20cm → angle core may be used between holes
Box 90	100%			vein type bleaching with some areas pervasively bleached, mostly patches of purplish biotite	medium and pale greenish grey quartzite with lesser siltite
1130	100%				
Box 91	100%		45° bedding	some areas with dark green spots, other black spotted	dark grey and pale greenish grey with spotting
	100%		50° bedding	areas bleached pale greenish grey are generally spotted darker purplish beds have vein type alteration	
1140					
Box 92	100%		chlorite with fragmented calcite, 1cm wide at 50° to core axis 50° bedding		thinly bedded pale grey and medium grey
	95%		50° bedding	portions bleached pale greenish grey, also dark areas when wet parts are tannish greenish	pale and medium grey quartzite
1150	66%				pale to medium grey siltite with lesser quartzite
Box 93	100%		35° foliation		
	100%			sericite, SiO_2, Fe carb alteration pervasive-pervasive fract. some dark patches biotite-rich material Fe carbonate vein	very pale grey when wet tannish pale grey
Box 94	100%		shear - broken rock 45°		
1160			60° bedding	pale tannish with dark areas - is not completely altered Fe carbonate alteration partly tan alteration spotted in parts (black spots with slightly lighter centers)	pale grey with dark areas
	100%				
Box 95	100%		55° bedding		pale grey siltite with lesser quartzite
1170	100%		2cm quartz vein @ 15° to core axis	Pain 2cm quartz vein specks of galena? pale greenish-tan mostly vein type alt along fractures darker grey patches (biotite?) dominate	pale grey and medium grey quartzite with lesser siltite
Box 96	100%				
1180	100%		60° shear		
Box 97				black spotted in a small portion greenish purple alt where Fe carb mostly black spotted except for thinly bedded portion	Pale brownish grey and darker brownish grey siltite with lesser quartzite
	100%		50° bedding		
1190			crackled breccia with Fe-carb cement matrix (3cm wide) broken rock, minor gouge 60° foliation	minor breccia texture with Fe carb, calcite matrix soft, chloritic garnet in dark portions but associated with a white mineral, ? albite vein with biotite sericite/chlorite alteration also vein type	pale grey quartzite with lesser siltite, minor breccia pale grey siltite 5mm quartz vein at 18° to core axis
Box 98	95%		minor shear at 60°		
	100%		50° bedding		thinly bedded siltite
1200					

CHEVRON RESOURCES COMPANY

DIAMOND DRILL RECORD

SCALE 1" : 10'
BEARING ____ STARTED ____ DEPTH ____
INCLINATION ____ COMPLETED ____ NOTES BY ZR
COLAR ELEV. ____ PROPERTY ____ LOCATION ____ COLLAR COORD. N. ____ E. ____
SHEET 12 OF 16
HOLE No. G4

DEPTH	% REC.	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1200	100%		50° bedding, rip up beds	- vein type bleaching also tan alt. around fractures - weakly magnetic portion po?	- pale grey quartzite - darker brownish grey thinly bedded siltite
Box 99	100%		50° bedding	- mostly sericite/Fe carbonate tan alteration with some areas with dark patches (biotite)	- pale grey quartzite with medium grey patches - lesser siltite
1210 Box 100	100%		broken rock with minor gouge - Shear	- alteration is tan colour rather than greenish	
	100%				
1220 Box 101	100%				
Box 102	100%		50° bedding, wispy disrupted	- black spots over 2cm section - pervasive tan alteration with darker biotite and chlorite areas	- pale grey siltite with lesser quartzite
1230	92%		gouge - Fault	- tan alteration - pervasive sericite, Fe carb, SiO_2	pale grey quartzite
	80%		broken rock	dark patches unaltered	
	98%		40° bedding.	- very dark with only minor tan beds	- pale to medium grey siltite with lesser quartzite
Box 103	87%			- weakly magnetic - po? - patchy tan bleaching; lesser vein type unalt. areas fresher	- pale grey quartzite with lesser medium grey siltite
1240	66%		extremely broken up, shattered	- mostly tan alteration with minor patches of darker material	- very pale grey quartzite
	100%			- minor specs of py	
Box 104	100%		40° bedding		
1250	100%		broken up, minor gouge Fault	- mostly tan grey alteration - not as intense as above quartzite	- paler grey siltite with lesser quartzite
	87%		broken up, minor gouge Fault	- mostly tan alteration with broken up areas tan grey	- pale grey quartzite with lesser siltite
Box 105	92%		broken up, minor gouge 40° bedding	- tan alteration except where broken, it's tan grey	- pale grey thinly bedded
1260	100%		1cm quartz vein at 30°	- 1cm quartz vein with po and lesser py - pale greenish grey with dark patches and also lesser tan alteration	- pale grey quartzite with dark biotite-rich patches
Box 106	93%				
	100%		35° broken up, gouge, Fault 50° bedding - some discontinuous	- po in a 1mm quartz veinlet	- medium grey, thinly bedded
1270	86%		broken up	- chloritic patches - sericite - tan grey alt. - spec of tetrahedrite or galena within Fe carb blob - darker patches present	- pale grey quartzite - pale grey - pale grey quartzite with lesser siltite
Box 107	96%			- darker portions predominate - chlorite	- pale grey and medium grey siltite with lesser quartzite - up to 2mm round garnets within darker biotite/chlorite rich area
1280 Box 108	100%				- medium grey quartzite with pale grey sections - minor siltite
	96%				
1290			45° bedding		

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | INCLINATION | COLAR ELEV. | SHEET 13 OF 16
STARTED | COMPLETED | PROPERTY | HOLE No. G4
DEPTH | NOTES BY ZR | LOCATION
COLLAR COORD. N. | E.

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1290					medium grey quartzite with lesser siltite
Box 109	100%		? broken up 65° foliation	2mm garnets in dark areas po on fractures	
	100%			minor weak bleaching locally, also chlorite	medium grey siltite with lesser quartzite
				3cm to 2mm pg ritz filled fracture	medium grey quartzite
1300	100%		45° bedding - streaky quartz vein 2cm at 45°	weak alteration - pale greenish along fractures, appears locally crackled	medium brownish grey siltite
				po in quartz vein	medium grey quartzite with lesser siltite
Box 110	100%				medium brownish grey
	100%			mostly patchy weak greenish bleaching with dark areas dominating	medium grey and pale grey quartzite with lesser siltite
	89%			portions are pervasively fer - carbonate rich	
1310			broken up		
Box 111	89%			minor Fe carb veinlets	
	100%				
Box 112	100%		minor breccia at 70° with carbonate matrix - vein		
1320	100%		60° bedding	relatively unaltered except for chlorite	medium grey siltite with lesser quartzite
	100%		60° bedding		
				minor disseminated po	
Box 113	100%		fragmented rock	only minor bleaching	
1330	94%		50° Fault gouge	vein-type alt. with locally pervasive bleaching	pale grey quartzite with lesser siltite
			50° bedding	garnets 2mm in dark area	
Box 114	100%		50° bedding ripup and slumping	some portions pervasively bleached	medium to pale grey siltite with lesser quartzite
				only minor local bleaching	pale grey to medium quartzite
1340	100%		hairline fracturing with some portions fragmented		very pale grey to cream quartzites
Box 115	94%				
1350	100%		Fe carbonate veinlets in some fractures, also quartz veinlets	sulphides in veinlets	
Box 116			crackle brecciated		
	100%		Fe carbonate veinlets and black argillaceous streaks	sulphides as blebs associated with black material	streaky black argillaceous material closer to lava contact
1360			60° shear, opened, stretched white fragments in a mylonite streaky with flow lines at 55°	po in fractures and with black material	cream to light grey quartzite with black argillaceous material
				2mm plots of mafic black mineral (chlorite)	pale greenish with streaky flow lines, very hard
Box 117					medium greenish grey greywacke with streaky deformation
	100%		Mylonite with streaks and flow lines, local gabbroic material with quartz with interstitial chlorite		pale greenish grey with streaky flow lines 0.1cm of granulated recrystallized amoeboid quartz with interstitial chlorite
1370				mostly chlorite streaks	greenish grey greywacke
			streaky deformation	some tarnish grey bleaching visible when wet	long streaky chlorite flow lines or lines of deformation
Box 118	100%			+ blebs of po	
1380					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | INCLINATION | COLAR ELEV. | SHEET 14 OF 16
STARTED | COMPLETED | PROPERTY | HOLE No. G4
DEPTH | NOTES BY ZR | LOCATION
COLLAR COORD. N. | E.

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1380	100%		chloritic deformation streaks		
Box 119	100%		55° bedding? cherty bands		3 cherty bands up to 5 mm thick, disrupted by fractures
1390			45° gouge	pale tan - pervasive sericite, soft	very pale to tan grey - can be scratched with knife
	90%		lesser dynamic deformation exhibited as streaks (not abundant)	- po blebs	medium grey siltite
Box 120	93%			- po as fracture reinlets	
1400			minor shear		
Box 121	100%			- po blebs in fractures - py on fractured surfaces	medium to pale grey
1410	87%			- po and py along fractures	medium to pale grey quartzite with lesser siltite
Box 122	100%				
	100%				
1420				py in quartz veinlet	somewhat coarser grained wacke to quartzite - 1mm quartz veinlet with minor py - includes smaller portions of fine grained quartzite
Box 123	90%		extremely shattered, broken		
	88%		fault gouge	- mostly clays within gouged fault zone - tannish grey colour	pale grey, broken, appears a bit coarser - some finer quartzite included
1430	100%		65° shear		
Box 124				- pale SiO_2, sericite, carbonate pervasive (tan colour)	very pale grey to tan - appears mostly coarser grained than yellow quartzite. However, it is most likely granulated and somewhat recrystallized
	100%		granulated partially recrystallized rock, shearing obvious in places	- po and py in fractures and as tiny stringers - some py cubes up to 2mm - po abundant in fractures - up to 3% sulphides locally	- sheared rock
1440					
Box 125	100%		fault gouge at 65° - minor clasts in streaks - dynamically metamorphosed rock	- quartz/calcite/ferrocarb veinlets within shear	
			possible ripup clasts		
Box 126			soft sediment deformation - swirly		pale grey quartzite with portions of coarser quartzite to wacke
1450	100%				
	100%			- po blebs with streaks of chlorite - vein type pale greenish alteration within finer quartzite portions	coarser pale grey wacke to quartzite - bedding not observed
1460					
Box 127	100%				
1470					

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | STARTED | DEPTH | INCLINATION | COMPLETED | NOTES BY ZR | COLAR ELEV. | PROPERTY | LOCATION | COLLAR COORD. N. E. | SHEET 15 OF 16 | HOLE No. G4

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1470 Box 128	100%			- vein-type pale greenish alteration with some weak bleached pervasively - coarser portions are not altered	- medium grey quartzite with coarser looking portions of quartzite or greywacke - massive - ie no bedding observed
1480 Box 129	100%				
1490 Box 130	100%				- uncommon 2mm white quartz grain aggregates → it looks like it might have been garnet at one time
1500 Box 131	100%		70° bedding from po laminae	thin laminae of po, also veinlets in fractures with chlorite	- pale greenish grey with darker purplish areas - lesser salt to present
			30° foliation	- thin laminae of po - pervasively bleached areas has streaks of chlorite with po blebs	
1510 Box 132	100%		60° po lamination	thin laminae of po - 6"	
1520 Box 133	100%			- po common - minor Fe carb/violete veinlets - po within darker spots	very pale grey
1530 Box 134	100%			py bleb along fracture	
1540 Box 135	100%		- extremely contorted, folded and refolded po laminae	- contorted laminations of po - also po in fractures	
1550 Box 136	100%		60° discontinuous po laminae	- po blebs and streaks within darker areas po as blebs along fractures - Fe carb veinlets quite spaced out	very pale grey
1560	100%			very patchy pervasive bleaching with remaining darker purplish patches	

CHEVRON RESOURCES COMPANY — DIAMOND DRILL RECORD

SCALE 1" : 10' | BEARING | INCLINATION | COLAR ELEV. | SHEET 16 OF 16
STARTED | COMPLETED | PROPERTY | HOLE No. G4
DEPTH | NOTES BY ZR | LOCATION
COLLAR COORD. N. | E.

DEPTH	REC. %	ASSAYS	DETAIL	MINERALIZATION	ROCK TYPE
1560					
Box 137	100%			- pervasively bleached due to sericite - py as fracture fillings	- very pale grey siltite with lesser quartzite
			60° bedding?	- lightly cracked and py in fractures	- pale grey quartzite
1570	100%			- very pale pervasively sericitic alt'n	- pale grey siltite
Box 138				- dark spots with po	- pale grey quartzite
	100%			- very pale sericitic rather than SiO_2	- very pale grey siltite with lesser quartzite
			60° bedding	- py in fractures	- discontinuous black streaks
1580					
Box 139	100%		60° shearing parallel to bedding?	- py in fractures, dark streaks hard	- extremely pale grey quartzite with lesser black hard
			45° shearing	- Fe carb/calcite veinlets up to 1cm wide	- alternating streaks pale grey sericite siltite with black streaks argillite, delicately laminated
Box 140	100%			- Fe carb/calcite veinlets weather orange	- also lesser quartzite
1590					- essentially striped black and creamy rock
	100%		shearing 45°	- sericitic	
Box 141					
1600	100%		30° shear with brecciated siltite and quartzite		- pale grey quartzite - pale grey siltite with lesser quartzite and sheared argillite
					- pale grey quartzite siltite with lesser argill patches
	100%				- pale grey quartzite with lesser siltite (sericitic)
Box 142				- sericitic	- pale grey siltite with lesser quartzite
1610	97%				
					- pale grey quartzite
				- po as fracture fillings	- very pale grey siltite
Box 143				- sericitic	
					- very sheared black argillite with lesser siltite
1620	100%		50° minor foliation		
				po as fracture fillings and tiny veinlets	- very pale grey siltite
				- Fe carb/calcite veinlets (orange weathering)	
Box 144				- sericitic	
1630	100%				
Box 145					
1640				END OF HOLE @ 1634 feet	