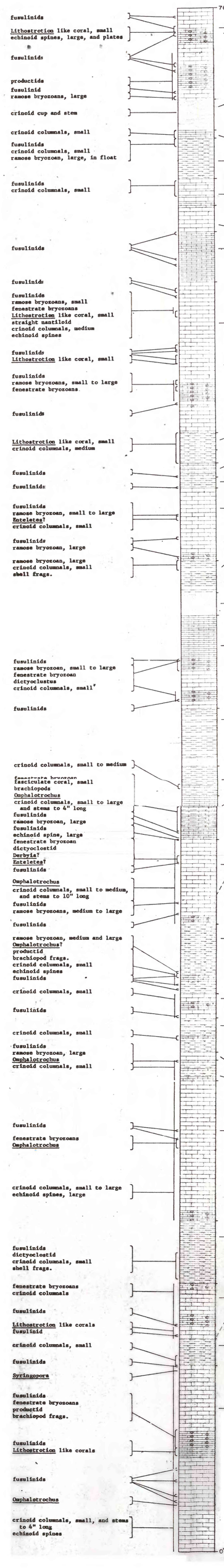
64-10
Plate 9

Plate IX

COLUMNAR SECTION G

Arcturus Formation (lower member)
Southern Butte Mountains (Moorman Ranch)
Part I Sec 8 & 9, T 17N, R 59E
Part II Sec 9 & 4, T 17N, R 59E
White Pine Co., Nevada
July & August, 1963
P J Barosh
1 inch = 20 feet

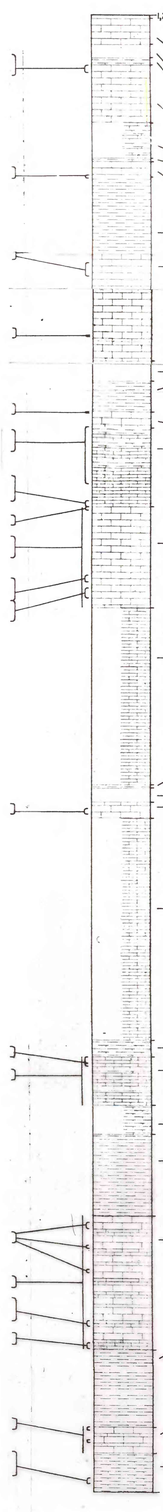
Part I



fusulinids
Lithostrotion like coral, small
echinoid spines, large, and plates
fusulinids
productids
fusulinid
ramose bryozoans, large
crinoid cup and stem
crinoid columnals, small
fusulinids
crinoid columnals, small
ramose bryozoan, large, in float
fusulinids
crinoid columnals, small
fusulinids
fusulinids
fusulinids
ramose bryozoans, small
fenestrate bryozoans
Lithostrotion like coral, small
straight nautiloid
crinoid columnals, medium
echinoid spines
fusulinids
Lithostrotion like coral, small
fusulinids
ramose bryozoans, small to large
fenestrate bryozoans
fusulinids
Lithostrotion like coral, small
crinoid columnals, medium
fusulinids
fusulinids
fusulinids
ramose bryozoan, small to large
Enteletes?
crinoid columnals, small
fusulinids
ramose bryozoan, large
ramose bryozoan, large
crinoid columnals, small
shell frags.

G52	46'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, fn to crs-gr, bds 2'-4' with 4"-6" betwn 29'-35'; betwn 5'-19' + 29'-35' cht nods + silicifd bnds + lens wthrg lt gry to dk bn, gradat'l above
G51	15'	ss, off wht (betwn 10 YR 8/2 + N8) wthrs vy lt gry bn (10 YR 7-8/2), med-gr (.300-.420 mm) well sorted, rounded frosted grains, bds 1 1/2' within large scale cross bdg, thn (1/8") fosstilf ls coatings on some bds, at top breccia (1"-2" thick) with angular ls + ss frags in sandy ls matrix, sl gradat'l above
G50	4'	ls + silty ls, ls mainly crinoidal lt gry bn (10 YR 6-7/2) wthrs same to ltr, med-gr, grades at top + bottom to silty ls like below, bds 6"-1'
G49	20'	siltst, calc, pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), crs-gr, appears massive, some bds with scattrd round frosted med-gr sand grains, by top cylinders of lt gry fosstilf siltst (1/4"-1" diam to 5" long) perpendic to bdg, prob filled holes
G48	13'	ls + silty ls, ls, bioclas, lt gry bn (10 YR 6-7/2) wthrs same to ltr, crs-gr, essentially fusulinid coquina, bds 1 1/2'-2'; silty ls pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), ls + silty ls alt + intergrade, gradat'l contacts
G47	13'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, top 2' like F-46, fn to med-gr, bds 2-3', low 1/2 ledge former, gradat'l above
G46	24.5'	ls, lt yell gry (betwn 5 Y 7/2 + 10 YR 8/2) wthrs same to yell gry (5 Y 7/2), top 1 1/2' yell gry (5 Y 7/2) wthrs same, med-gr, wthrs to 3"-5" layers bdg prob thicker, few scattrd cht nods (1"-2" diam) wthr med gry, sharply gradat'l contacts
G45	75'	ls, mainly bioclas, lt gry bn (10 YR 6/2) wthrs same to ltr, med-crs-gr, bds 1'-2', few med gry wthrg cht nods (3" x 4") at 14' + few other horizons, med gry to carmel cht lens 16'-23', minor lt gry bn wthrg silicifd bnds
G44	14.5'	siltst, calc, pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), crs-gr, prob massive, in top 1/2 some patches (1" x 1" + 2" x 3") of dkr siltst + few of crinoid hash similar to top of G-40
G43	7'	ls, silty ls + minor calc siltst, ls lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr, calc siltst similar to G-36; silty ls gradat'l betwn ls + siltst + forms bulk of unit
G42	5'	siltst, calc, buff (10 YR 7/4) wthrs same, crs-gr, massive gradat'l contacts
G41	35.5'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-crs-gr, bds 1'-2', upper 2/3 mainly bioclas, near top sl silty streaks, 0'-4' contains irreg cht nods (2" x 3" + 6" x 8") wthr med gry
G40	16'	siltst + some ss, siltst off wht (betwn 10 YR 8/2 + N9) wthrs same to yell gry (5 Y 7/2), crs-gr, bds about 1', in lower pt, upper pt like G-36, calc; ss similar to basal G-37 two 2' bds in middle, gry buff siltst in top 5' spotted with patches (1" x 1"-2" x 3") of fossil trash that wthrs vy lt gry bn (10 YR 7/2) lenticular or cylindrical in shape
G39	11'	ss, similar to base of G-37 with basal 1 1/2' gry buff vy fn to fn-gr (.060-.210), rounded frosted grains, large scale cross bdg 4'-5' sets, lamin surface from differential wthrg
G38	46'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med to crs-gr, bds 1'-2' upper 2/3 mainly 1'; 4'-9' scattrd cht lens (2"-3" x 2'-10') wthrg carmel to tan, many with silicifd fusilinids or pits from their wthrg out, middle 2/3 with few scattrd cht nods + ptially silicifd patches wthrg med gry
G37	27.5'	siltst + ss, ss 0"-3 1/2' + few 1' bds above, off wht (10 YR 8/2 to N8-9) wthrs vy lt gry bn (10 YR 7-8/2), fn to med fn-gr (.125-.300 mm), rounded + frosted grains; siltst, calc in pt, variety of colors, same similar to ss, G-36 + minor deep pink (near 10 YR 6/4) wthrs about same, bds or color bnds 8"-3'
G36	15'	siltst, calc, pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), crs-gr, massive, silty ls 3 1/2'-5', sharply gradat'l at top over 1"-2"
G35	21.5'	ls, silty ls + some calc siltst, ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr; silty ls + calc siltst, gry buff (10 YR 7/3) wthrs same to buff (10 YR 7/4) or yell gry (5 Y 7/2) med to crs-gr; 0'-6' silty ls bds 6"-1 1/2'; 6'-15' ls bds 6"-1' separated by 1"-5" bds of calc siltst + silty ls; 15'-21.5' ls bds 6"-1' with minor silty bnds; gradat'l contacts
G34	42.5'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, fn to crs-gr, bds 1'-4', basal 1' + top 35' mainly bioclas, 29.5'-34' vy fosstilf; 1'-2' + 3.5'-4.5' cht nods + lens with silicifd fusulinid or pits where fusilinids wthr out, also scattrd cht nods + silicifd patches at 5', 7' + 20'-23' wthr lt gry, tan + some dk bn, basal 7' ledge former, gradat'l contacts
G33	34.5'	calc siltst + silty ls, siltst 0'-5' + 9.5'-34.5' like base of G-31, crs-gr, bds 4"-1' low pt, upper pt massive with one 1 1/2' bd about 15'; silty ls, 5'-9.5', vy lt gry bn (10 YR 7/2) wthrs same, fn-crs-gr, bioclas in pt gradat'l to siltst; 3 cht bnds (1"-4" wide) wthrg med gry to vy lt gry bn at 5'-6.1' + few small med gry wthrg cht nods at 8', gradat'l contacts
G32	12'	ls, lt gry bn (10 YR 6-7/2) wthrs same to ltr, med-gr, some crs-gr bioclas, bds 1'-3', 5'-8' chty with irreg nods (1"-3" diam) wthrg med gry or tan, 8'-10' few ptially silicifd patches (6"-1' diam) wthrg dk bn
G31	17'	siltst, calc, 0-4.5' pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), crs-gr, bds 4"-1', upper pt lt gry bn (10 YR 6/2) wthrg same to ltr grading to pale to vy pale buff (10 YR 8/2 to almost 7/4) wthrg lt gry (N8) to yell gry (5 Y 7/2), crs-gr, vy minor vy fn-gr ss, bds 1'-4'; 6'-8' silty ls, gradat'l contacts
G30	4'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-crs-gr, bd 1'-3', gradat'l contacts
G29	9.5'	silty ls + calc siltst, pale buff (10 YR 7/4 + 8/2) wthrs buff (10 YR 7/4) to vy lt gry bn (10 YR 7/2), crs-gr, silty ls base + top, calc siltst middle, gradat'l contacts
G28	69.5'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, fn to crs-gr, bds 1'-5', 0'-5' chty with med gry wthrg nods (1"-3" diam) often cylindrical with a wht rim, also ptially silicifd patches (6"-1' diam) wthrg med to dk bn, 36'-40.5' crinoidal, top pt bluff former
G27	15'	ls, similar to G-25, fn to med-gr, bds 6"-1 1/2'; at 12.5' irreg patches of cht (3" x 5"-1' x 2') wthrg med gry to dk bn, sl silty at top, ledge former
G26	11'	ls, silty ls + calc siltst, similar to G-19, bds 1'-2', approx 40% ls, 40% silty ls + 20% calc siltst, slope former
G25	9'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, appear fn-gr bds 6"-1 1/2', thicker bds break down laterally to 6" bds, ledge former
G24	5.5'	siltst, calc, pale buff to buff (10 YR 8/2 to almost 7/4) wthrs buff (10 YR 7/4) with some lt gry (N8) to yell gry (5 Y 7/2), crs-gr, prob massive, by top faintly lamin bd, 50% expos
G23	5.5'	ls, lt gry bn (10 YR 7/2) wthrs same to ltr, med-gr, bds 1 1/2', vy minor silty bnds
G22	12'	siltst, calc, gry buff (10 YR 7/3) wthrg same to buff (10 YR 7/4) grades to pale to vy pale buff (10 YR 8/2 to almost 7/4) wthrg lt gry (N8) to yell gry (5 Y 7/2), crs-gr, bds prob 1'-2', much appears massive, vy minor silty ls, gradat'l contacts
G21	11'	ls + ss, ls lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr; ss + siltst pale to vy pale buff (10 YR 8/2 to almost 7/4) wthrs lt gry (N8) to yell gry (5 Y 7/2), vy fn-gr ss (.06-.125 mm) to crs-gr siltst; bds 1 1/2'-2' with 4"-8" of ss-siltst at base of predominantly ls bd, "cyclic" bds
G20	35.5'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr, bds 1' in lower 6' then bluff 10'-15' high with thicker bds + 1'-3' bds above; 25'-26' irreg ptially silicifd patches (3" x 6"-8" x 18") wthrg dk bn with pits from fusulinids wthrg out, cht nods (2" x 3") just below wthr med gry to carmel; two other silicifd zones higher at about 3' intervals
G19	36'	ls + silty ls, ls lt gry bn (10 YR 6/2) wthrs same to ltr, with few silty bnds + minor calc siltst like G-18, gradat'l betwn ls + siltst med-gr, bds 1'-2', at base some silicificatn wthrg lt tan, gradat'l above with loss of silty ls
G18	10.5'	siltst, calc, gry buff (10 YR 7/3) wthrs same to almost buff (10 YR 7/4), med-gr, nearly silty ls, gradat'l at top over 1'
G17	72.5'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, 0'-25' sl ltr, med-gr, bds prob 1 1/2'-3'; basal few inches silty; 8'-10' few cht nods, 10'-12' many silicifd patches with abundant fusulinids wthr lt tan to dk bn; vy minor cht above 25', gradat'l above; 18'-25' only 30% expos
G16	8.5'	cov, prob like below
G15	4.5'	siltst, calc, buff (sl ltr than 10 YR 7/4) wthrs same, crs-gr, may be massive
G14	49'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr, bds 1'-4' with 5' bd by base, few crinoidal bds, 20'-23' chty with silicifd patches + some nods (2"-6" diam) wthrg dk bn to blk with silicifd fusulinids, 43'-45.5' ptially silicifd bnd (5"-6" wide) wthrs dk bn, at 12' thn siltst bd, 37.5'-45' silty ls + vy minor calc siltst grading to colors like G-2 with some buff (10 YR 7/4)
G13	33'	ls + calc siltst, ls lt gry bn (10 YR 6/2) wthrs same to ltr, fn to med-gr, bds 1'-3', alt with calc siltst similar to G-11 with one bd like base of G-12, crs-gr, siltst some times forms base of mainly ls ledge, gradat'l betwn bds + at contacts
G12	20'	siltst, calc in pt, 0'-11' buff (10 YR 7/4) wthrs same, crs-gr, bds 4"-8", 11'-16' with some siltst similar to G-2 + siltst in G-11, 16'-20' calc siltst-silty ls gradat'l above
G11	30.5'	ls + vy minor siltst, ls lt gry bn (10 YR 6/2) wthrs same to ltr, med to crs-gr, bds mainly 1'-1 1/2' some coalesce to 4'-5' bds, many crinoidal bds especially towards top; 18.5'-21' calc siltst pale to vy pale buff (10 YR 8/2 to almost 7/4) wthrs vy lt gry (N8) to yell gry (5 Y 7/2), crs-gr
G10	35.5'	siltst, similar to G-2, crs-gr almost fn-gr ss, bds 1'-1 1/2', minor lamin on wthr surfaces, some calc, gradat'l at top
G9	78.5'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med to crs-gr, bds 1'-4' mainly 1'-2', several crinoidal bds; cht wthrg tan to dk bn in places: 0'-12' mod abundant round to lumpy nods (2"-5" diam) some with silicifd fusulinids, 38'-78.5' vy few to common irreg silicifd patches (1"-6" diam) + nods near top; 12'-50' 50% expos
G8	4'	siltst, calc, similar to G-6, gradat'l above
G7	12'	cov, prob like above + below
G6	8'	calc siltst-silty ls, pale buff (10 YR 8/2 to 7/4) wthrs buff (10 YR 7/4) to vy lt gry bn (10 YR 7/2), crs-gr, bds 1'-3', grades from siltst to med-gr ls, gradat'l below
G5	45'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr, bds 1'-3'; 23'-45' chty with dk bn wthrg nods (2"-5" diam) + irreg silicifd patches
G4	33'	siltst, ss + ls, siltst similar to G-2 with some wthrg to med gry bn (10 YR 5/2) at base + top + few other horizons, limy cement to calc; ls, 16'-18' + 25'-28', lt gry bn (10 YR 6/2) wthrs same to ltr, med to crs-gr, 2' bds, upper bd bioclas, some rounded sand grains scattrd in ls; ss colors like ls, fn-gr sand to crs-gr silt, rounded frosted grains (up to .3 mm) in with silt size grains; bds 1'-2', gradat'l betwn lith types + at contacts
G3	27.5'	ls, similar to G-1, bds 1'-4', thicker bds break down laterally to 2' bds; by 20' vy few cht nods (1"-2" diam) wthr gry
G2	29'	siltst, off wht (betwn 10 YR 8/2 + N9) wthrs same to yell gry (5 Y 7/2) locally, crs-gr approaching vy fn-gr ss, bds 1', minor amt sl lamin
G1	90.5'	ls, lt gry bn (10 YR 6/2) wthrs same to sl dkr, some crinoidal ls which is sl ltr fresh + wthr, med-gr, most has fn-gr appearance prob due to ptial recrystallization, bds 6"-5' most 1'-3'; vy minor sl silty ls gry buff (10 YR 7/3-4) wthrs same to lt org bn (5 YR 7/4); some tan to dk bn wthrg cht + silicifd patches at several horizons: near base silicifd patches (1"-6" diam), 40'-45' sl to mod amt nods (1" x 2"-6" x 6"), often with silicifd fusulinids, + some lens (6" x 1'-2') at 44', 56'-69' round nods (3"-1' diam) in somewhat massive ls, above 69' round nods (2"-8" diam) along certain horizons giving a banded effect from distance; unit forms series of benches with fn-gr appearing ls forming low ledges + crinoidal ls forming treads, basal 20' bluff

Part II



algae?
fusulinids
fusulinids
fusulinids
algae?
fusulinids
straight nautiloid, in float
echinoid spines, large, in float
fusulinids
productid, small
fusulinids
brachiopod frags.
crinoid columnals, small
fusulinids
dictyoclostid
algae?
fusulinids
fusulinids
crinoid columnals, small
fusulinids
crinoid columnals, small
fusulinids
Omphalotrochus
ramose bryozoan, large
fusulinids
fusulinids
Omphalotrochus

G80	.5'	ss, off wht (10 YR 8/2 to N8-9) wthrs vy lt gry bn (10 YR 7-8/2), med crs-gr (.420-.600 mm), well sorted rounded frosted grains, few silicifd patches wthr dk bn
G79	8'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, fn-med-gr, bds 1'-3'
G78	4'	cov,
G77	1.5'	siltst, calc, buff (10 YR 7/4) wthrs same with minor off wht (betwn 10 YR 8/2 + N9) wthrg same to yell gry (5 Y 7/2), crs-gr, bds 4"-8"
G76	18.5'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr, bds 1'-3' lower pt + top, 6"-8" bds separated by silty partings betwn 10'-16', 3" siltst bnds at 1' + 16'
G75	11'	cov, float like above + some siltst float
G74	.5'	siltst, calc, pale buff (betwn 10 YR 8/2 + 7/4) wthrs same, crs-gr
G73	5'	ls, lt gry bn (10 YR 6/2) wthrg same to ltr grading to lt yell gry (betwn 5 Y 7/2 + 10 YR 8/2) wthrg same to yell gry (5 Y 7/2), med-gr, thn bd, gradat'l below with some siltst bnds in lower 3'
G72	23'	siltst, pale buff (betwn 10 YR 8/2 + 7/4) wthrs buff (10 YR 7/4) to yell gry (betwn 10 YR 6/2 + 5 Y 7/2), crs-gr, [illegible]
G71	35'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, fn to med-gr, bds 1'-1 1/2', few siltst interbds 1"-3" thick in lower 5', top 1' with horizon of ptially silicifd lens (6" x 1') with pits from fusulinids wthrg out
G70	6'	cov, float from above
G69	9'	siltst, pale buff (betwn 10 YR 8/2 + 7/4) wthrs buff (10 YR 7/4) to gry buff (betwn 10 YR 7/4 + 5 Y 7/2), some faint bndg, vy crs-gr, bds prob 1' wthr to slabs, cross bd
G68	4.5'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr, bds 1'
G67	24'	silty ls + some calc siltst, silty ls similar to G-65 bds 1'; in upper pt some calc siltst pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), crs-gr; gradat'l contacts
G66	31'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr, bds 6"-6' with thicker bds changing laterally to 1' bds; 16'-20.5' silty ls like below, gradat'l above
G65	54'	cov, float mainly silty ls gry buff (10 YR 7/3) wthrs same to sl yellr (betwn 5 Y 7/2 + 10 YR 7/4) to buff (10 YR 7/4), med-gr
G64	1'	siltst, calc, pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), crs-gr
G63	4.5'	cov,
G62	5'	ls, lt gry bn (10 YR 6/2) wthrg same to ltr grading to lt yell gry (betwn 5 Y 7/2 + 10 YR 8/2) wthrg same to yell gry (5 Y 7/2), med-crs-gr, nearly fusulinid coquina in pt, bds prob 1'
G61	68.5'	cov, float mainly ls + silty ls with some calc siltst, ls lt yell gry (betwn 5 Y 7/2 + 10 YR 8/2) wthrs same to yell gry (5 Y 7/2), med-gr; silty ls gradat'l betwn ls + siltst; calc siltst pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), crs-gr
G60	4.5'	siltst, calc, pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), crs-gr, prob massive, minor silty ls
G59	15'	ls, silty ls + calc siltst, ls lt gry bn (10 YR 6/2) to lt yell gry (betwn 5 Y 7/2 + 10 YR 8/2) wthrg about same to yell gry (5 Y 7/2)respectively; silty ls + calc siltst pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4); alt bds, med-gr, bds 6"-1'
G58	9'	cov, prob like below
G57	25'	siltst, calc, buff (10 YR 7/4) wthrs about same, crs-gr, approaches ss, prob massive, middle 1/2 cross bd sat, lamin on wthr surface, poorly expos
G56	41'	ls + silty ls, ls lt yell gry (betwn 5 Y 7/2 + 10 YR 8/2) wthrs same to yell gry (5 Y 7/2) with few bds lt gry bn (10 YR 6/2) wthr same to ltr, med-gr; vy minor calc siltst pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4); silty ls betwn ls + siltst, 30% of unit; bds 6"-1 1/2', few scattrd cht nods wthrg med gry (1" x 2"-3" x 3")
G55	24'	siltst + minor ss, off wht (betwn 10 YR 8/2 + N8-9) wthrs same to yell gry (5 Y 7/2) near base grades to pale buff (betwn 10 YR 8/2 + 7/4) wthrg same + by top some wthrs vy lt gry bn (10 YR 7-8/2), vy crs-gr silt-vy fn-gr sand, some vy fn-gr sand (.060-.125 mm) by top, prob massive, lower pt cross bd, some lamin on wthr surface, calc in pt, poorly expos
G54	8'	ls + silty ls, ls lt gry bn (10 YR 6/2) wthrs same to ltr crs-gr fusulinid coquina near base, med-gr above; few bnds of silty ls + vy minor calc siltst similar to below, bds 1'-2'
G53	12'	siltst, calc, pale buff (betwn 10 YR 8/2 + 7/4) wthrs same to buff (10 YR 7/4), crs-gr, prob massive, sharply gradat'l at top

fusulinids
dictyoclostid
crinoid columnals, small
shell frags.
fenestrate bryozoans
crinoid columnals
fusulinids
Lithostrotion like corals
fusulinid
crinoid columnals, small
fusulinids
Syringopora
fusulinids
fenestrate bryozoans
productid
brachiopod frags.
fusulinids
Lithostrotion like corals
fusulinids
Omphalotrochus
crinoid columnals, small, and stems to 4" long
echinoid spines
crinoid columnals, small to large
echinoid spines, large
fusulinids
ramose bryozoan, small to large
fenestrate bryozoan
dictyoclustus
crinoid columnals, small
fusulinids
crinoid columnals, small to medium
fenestrate bryozoan
fasciculate coral, small
brachiopods
Omphalotrochus
crinoid columnals, small to large and stems to 4" long
fusulinids
ramose bryozoan, large
fusulinids
echinoid spine, large
fenestrate bryozoan
dictyoclostid
Derbyia?
Enteletes?
fusulinids
Omphalotrochus
crinoid columnals, small to medium, and stems to 10" long
fusulinids
ramose bryozoans, medium to large
fusulinids
ramose bryozoan, medium and large
Omphalotrochus?
productid
brachiopod frags.
crinoid columnals, small
echinoid spines
fusulinids
crinoid columnals, small
fusulinids
crinoid columnals, small
fusulinids
ramose bryozoan, large
Omphalotrochus
crinoid columnals, small

G84	31'	siltst, mainly calc, pale buff (10 YR 8/4) to buff (10 YR 7/4) with minor gry buff (10 YR 7/3) wthrs same to pale org + org buff (10 YR 7-8/6), crs-gr, prob massive, wthrs to 1" thick slabs
G83	27'	ls, similar G-81, med-gr with some crs-gr, bds 1' lower pt rest 2'-3', 0'-6' with vy abundant rexlized Lithostrotion like coral (heads to sl over 1' diam) forms 1/2 to 2/3 ls + gives fn-gr smooth appearance to ls; 6'-12' chty with med to dk bn wthrg ptially silicifd patches + lens; 24.5'-27' vy chty ledge with lt to med gry wthrg bnds + lens (1"-2" wide); few small cht nods elsewhere
G82	13'	siltst, calc, buff (10 YR 7/4) wthrs same, some color lamin perpendic to bdg, in 0'-5' some bds gry buff (10 YR 7/3) wthr dkr to vy lt gry bn (10 YR 7/2), crs-gr, bds 1' to massive
G81	91'	ls, lt gry bn (10 YR 6/2) wthrs same to ltr, med-gr with some crs-gr + fn-gr, bds 1'-3', much of unit crinoidal, few bds sl chty with med gry wthrg nods (1"-3" diam), 51'-59.5' with ptially silicifd bnds (1"-4" wide) wthrg tan to med bn; 46.5'-51' silty ls, pale buff (10 YR 8/4) wthrs same, gradat'l above

Little more ls similar to G-81 exposed betwn base of G-81 + highway to S, but appears faulted

fusulinids
productid
crinoid columnals, small
fusulinids
fusulinids
Omphalotrochus
crinoid columnals, small
echinoid spines
fusulinids
brachiopod frags.
crinoid columnals, small
echinoid spines
fusulinids
linoproductid
fusulinids
fusulinids
Lithostrotion like coral, small
productids
echinoid spine
fusulinids
fusulinids
fusulinids
dictyoclostid
small gastropod
fusulinids
Lithostrotion like coral, small
fusulinids
crinoid columnals, small, and stems to 1" long
fusulinids
crinoid columnals, small
echinoid spines
crinoid columnals, small
echinoid spines
fusulinids
crinoid columnals, small, and stems to 3" long
echinoid spines
fusulinids
fusulinids
brachiopod frags.
Omphalotrochus
fusulinids
crinoid columnals, small
echinoid spines
fusulinids
fusulinids
fusulinids
crinoid columnals, small
fusulinids
dictyoclostid
echinoid spines
fusulinids
productid
crinoid columnals, small
fusulinids
crinoid columnals, small
fusulinids
fusulinids
productid
fusulinids
Omphalotrochus
crinoid columnals, small