88-42 Sheet 21H/09-3

LCC-PB

Stanley Brook

Brook

Holt Mill Brook

gy. m.s. and sl.s.t. 21H/09/03/(P)2
overlain by m.g. org. stained sst.
" " pb. para conql. w/gy m.g. sst mtx.
" " pb-cb rd-bn ortho conql. w/v.c.g. sst. mtx.

LCC-SH,-J
See Note Below

gy m.g. p.s., sst. w/org. stain txb
J-60°, 100°, 170°

f.g-m.g sst. gy. w/org. stn. p.s., highly fractured.
J. 170°, 40°, 60°, 20°

gy. f.g-m.g ftxb sst. J=60,140 staining by gy shale. 21H/09/03/(P)1

gn-gy, f.g-m.g ftxb, sst

Stewarts

channel fill ortho conl. gn-gy shale mtx. w/m.s. pebbles

Bn-gy, f.g-M.g- sst. txb, org. stain. some m.c. J = 50, 150, 170

T10

ECWD
(E-LCC-M?)

LCC-PB?

LCC?

LCC-J
"Sand"

Please Note: These units are tentatively assigned to the Joggins, Springhill Mines and Ragged Reef Formations. The "J" and "M" units are distinct and mappable but deviate from the type area facies in that they do not contain coal, are coarser overall. They are age equivalent and facies equivalent. Stratigraphy and correlation based upon BP series drillholes # 5, 6, 28.

heavy rubby gy mg. sstn

sstn gy mg

SS-7
295°, -45°
TD 705'

gn-gy c.g sst. orange stain, txb
J-130, 170
slicken Side at 005/82 S
100/31 S

ECWD.

gypsum localities (karst) reported by Bell, Shaw Hutchen, et al.

LCC-SM
"fine"

Salt Spring

LCC-RR

gn-gy F.g. sst. txb

Int. beds F.g. bn-gy sst., and gy m.s. and sltst. 21H/09/03/(P)3
21H/09/03/(P)4

LCC-RR

m.y. p.s. sst. w/org. stn.

gn-gy F.g. sst.

gn-gy M.g p.s. sst. plant debris txb

Brook

Creek

CANADIAN NATIONAL

F.g-M.g gn-gy sst. txb, p.s. plant debris.

LCC-J

LCC-SM

M.g. p.s., txb, sst. gy w/org. stn.

Peak

LCC-J transitional to LCC-SM

SALT SPRINGS STATION
14m - stacked 3m. apart
thick multi-sst body; trough X-stratified sst overlain by horiz. to low angle X-stratified sst.

SS-1
SS-8
SS-3
SS-2
SH-16
SH-98
SH-96
SH-97
BLACK RIVER ROAD
seam
Sandrun
seam

LCC-RR?

phtc pebbly gn-gy sst matrix and lithic blocks 330

V scale trunated 030, 120 rd-bn f.g sst.

rd-bn slst. c.l. to pebbly para conql

rd-gn v.f.g. sst. by v.c.g. sst. pebbly para conql. overlain by pebbly para conql w/c.g. sst. mtx.

rd-bn mst. rd-bn F.g. sst. overlain by mud st.

SSmst

LCC-J transitional to LCC-SM

LCC-J

LCC-PB

horiz. to low angle X-strat. sst. pelecypod-bearing siltstone

SS9

LCC-PB

LCC-I

LCC-PB

LCC-J

LCC-PB

LCR-BP?

E-LCC-M

LCR-BP

LCR-C

ECW

LCR-BP

Karst Area

Randalls Lake

SH-13

SH-14

Southampton River

Brook

Gap

ECW

salty red shale in well

ECC-M?

E-LCC-M?-R-C?

Deep

Brook

overturned?

Black

?

gn-gy F.g. sst. txb

Int. beds F.g. bn-gy sst., and gy m.s. and sltst. 21H/09/03/(P)3
21H/09/03/(P)4

LCC-SM

LCC-J

LCR-BP

0 500 1000M

GUMB BASIN PROJECT MAP

21H/09/3

21H/16 04	21H/16 01	11E/13 12
21H/09 06	21H/09 03	11E/12 12
21H/09 05	21H/09 02	11E/12 11

Z4
Z2

Nova Scotia Department of Mines and Energy

Canada-Nova Scotia Mineral Development Agreement

NSDME OFM 88-42
MAP SHEET 21H/09-3