

**FIGURE 5. DETAILED PLOT OF NOVA SCOTIA DEPARTMENT OF NATURAL RESOURCES DIAMOND-DRILL HOLE STY 93-3, STANLEY, HANTS COUNTY, NOVA SCOTIA.**

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MINERAL RESOURCES DIVISION

**NOVA SCOTIA DEPARTMENT OF NATURAL RESOURCES**

HONOURABLE DONALD R. DOWNE, MINISTER

Halifax, Nova Scotia  
1993

**DRILLHOLE:** STY 93-3 **BY:** NOVA SCOTIA DEPARTMENT OF NATURAL RESOURCES

**LOCATION:** STANLEY, HANTS COUNTY (Figure 2) **NTS:** 11E/04

**LATITUDE:** 45 08 01.37 **LONGITUDE:** 63 56 28.08

**ELEVATION:** 151 FEET (46 m) **INCLINATION:** VERTICAL

**TOTAL DEPTH:** 546 FEET **DATE DRILLED:** September, 1993

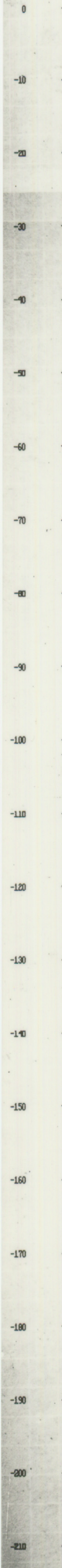
**DRILLED BY:** NSDNR; G. MacLeod and H. Avery

**CASING:** TEMPORARY DIAMOND-DRILL CASING WAS REMOVED AND THE UPPER OVERBURDEN SECTION OF THE HOLE CEMENTED

**CORE SIZE:** NQ from 0 to 546 feet

**DRILL FLUID:** WATER AND ALCOMER POLYMER ADDITIVE

Figure 5



0.0 to 102.0: OVERBURDEN: unconsolidated fill, partially recovered, comprises red silty to muddy till with variable 1-10 cm clasts, section is locally very sandy, lost core in the 36-46 foot interval, middle part of section is very soft and wet clay, lower part has grey sandstone clasts.

102.0 to 158.5: SILTSTONE: siltstone and mudstone, red brown with grey green mottle, locally limestone block 125-126 feet, transitional up to red silty to muddy till, contact with the Windsor Group is arbitrarily chosen at the top of a gypsum block (102-104 feet) although not clearly defined the till bedrock contact may be deeper in the section below is poorly consolidated, reduced from HQ to NQ core at 156 feet, PALYNOLOGY SAMPLE taken at 145.0 feet.

158.5 to 241.0: SILTSTONE: silty mudstone, light to medium red brown with local green mottle, grey and calcareous at basal 1 foot, fractured limestone fragment at 214.5.

