

**DIGBY COUNTY**

**Sample Number**  
CP-61

**TOPOGRAPHICAL SHEET:** 21B/08

**LOCATION:** In the ditch on the southern side of the road going from Little River to Little River Cove, approximately 607 m east of Highway 217 (Fig. 38).

**UTM:** 727710 E  
4924980 N

**GEOLOGICAL UNIT:** Clay, Quaternary age

**DESCRIPTION:** Mottled grey and reddish-brown clay containing abundant iron carbonate and organic material. The outcrop extends for 9 m along the ditch and has a thickness in excess of 25 cm.

**SAMPLE INTERVAL:** 25 cm channel sample

**TYPE OF MATERIAL:** Clay

**UNFIRED CHARACTERISTICS:** Moderate yellowish-brown, noncalcareous clay. Fair workability. Fairly plastic. Water of plasticity 28.0%. Safe drying. Air shrinkage 6.5%. Modulus of rupture 332 p.s.i. Benzidine test negative.

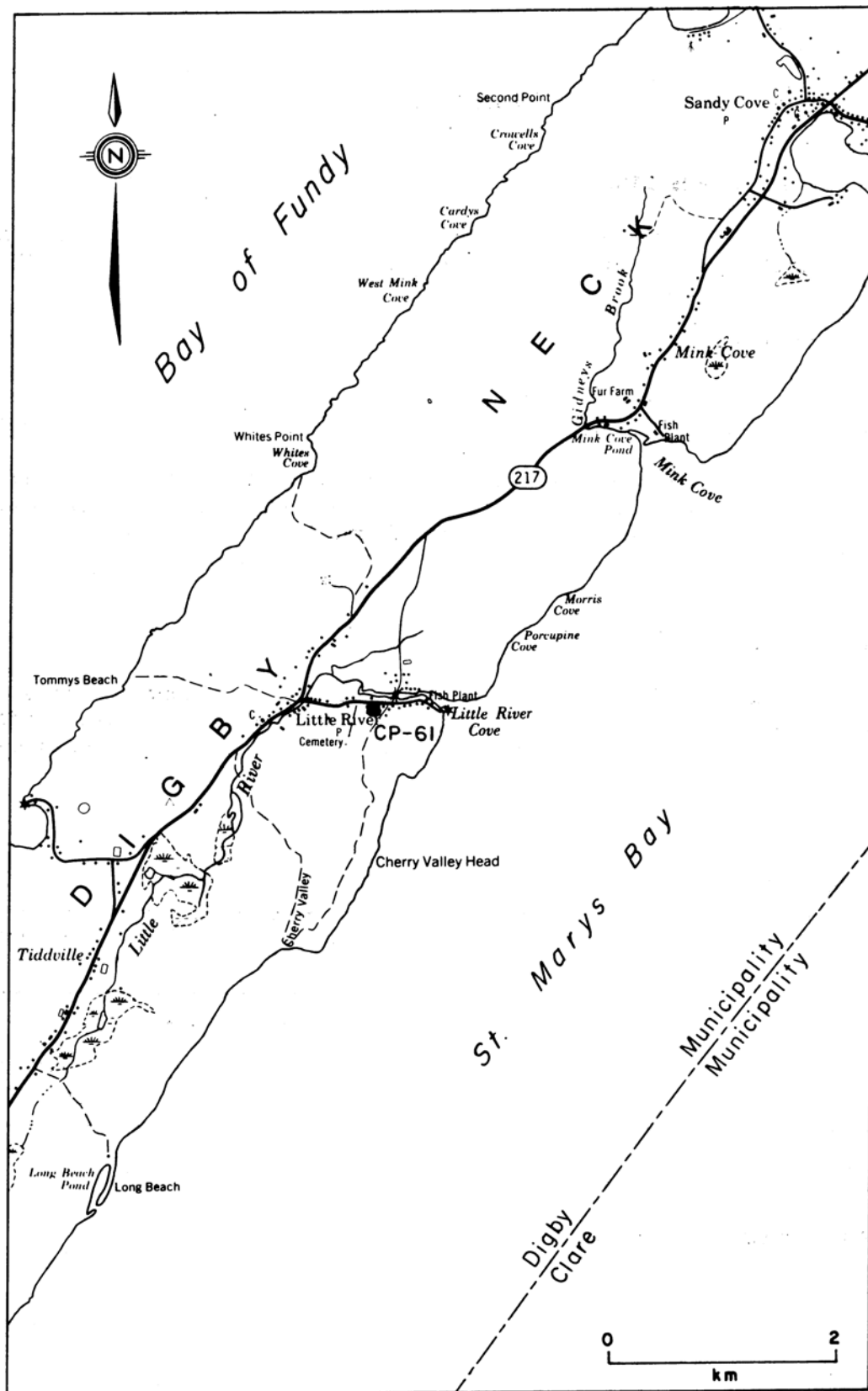
**P.C.E.:** 3

**FIRED CHARACTERISTICS:**

Cone No.	Fired Shrinkage %	Absorption %	Colour	Hardness
06	3.23	12.49	Light moderate reddish brown	Hard
04	8.00	5.64	Moderate reddish brown	Steel hard
02	11.55	0.06	Dark reddish brown	Steel hard

**REMARKS:** Warped in firing at cone 02

**POTENTIAL USES:** Brick products



Ref. Map 21-B-8

Figure 38. Location map for sample CP-61 (Digby Neck)

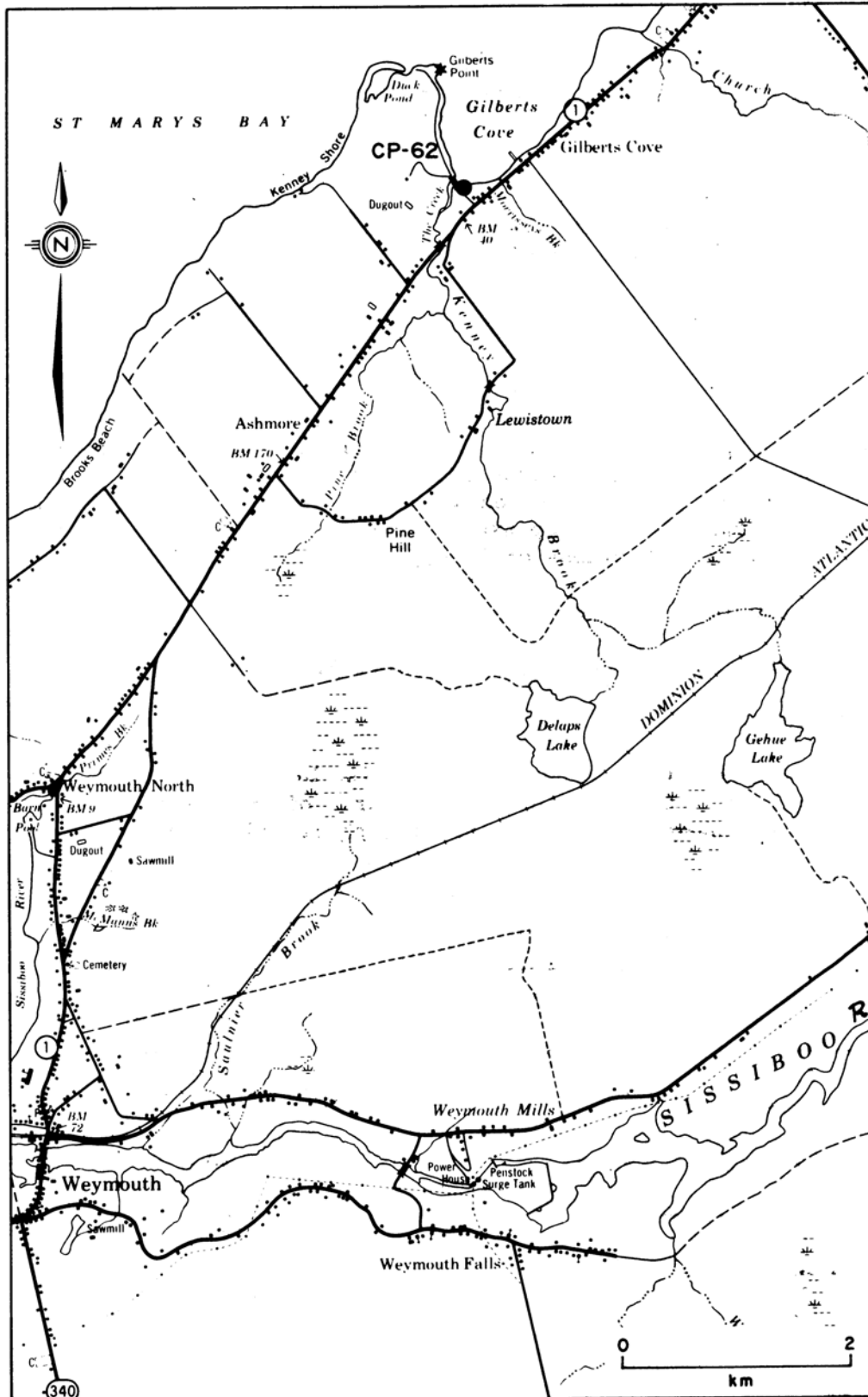
**DIGBY COUNTY****Sample Number**

CP-62

**TOPOGRAPHICAL SHEET:** 21A/05**LOCATION:** Gilberts Cove. On the road to Gilberts Point, 61 m east of the bridge which crosses Kenney Brook (Fig. 39).**UTM:** 265390 E  
4929780 N**GEOLOGICAL UNIT:** Clay, Quaternary age**DESCRIPTION:** Greyish-brown clay with very prominent iron carbonate stains and minor organic material. Large stones are scattered throughout the outcrop. Layering is very pronounced with individual beds ranging in thickness from 2-30 cm. The outcrop extends for 76 m along the southern side of Gilberts Cove with a thickness of 30 m.**ATTITUDE OF BEDDING:** Horizontal**SAMPLE INTERVAL:** Channel sample across lower 1.2 m of thickness**TYPE OF MATERIAL:** Clay**UNFIRED CHARACTERISTICS:** Moderate yellowish-brown, noncalcareous clay. Poor workability. Poorly plastic. Water of plasticity 23.2%. Safe drying. Air shrinkage 5.0%. Modulus of rupture 156 p.s.i.**P.C.E.:** 3+**FIRED CHARACTERISTICS:**

Cone No.	Fired Shrinkage %	Absorption %	Colour	Hardness
04	1.76	13.12	Moderate reddish brown	Soft
02	5.62	6.97	Dark moderate reddish brown	Hard
1	6.47	4.41	Dark moderate reddish brown	Steel hard

**POTENTIAL USES:** None



Ref. Map 21-A-5

Figure 39. Location map for sample CP-62 (Gilberts Cove)