

KINGS COUNTY**Sample Number**

CP-53

TOPOGRAPHICAL SHEET: 21H/02

LOCATION: Morden. On the southern coast of the Bay of Fundy approximately 31 m west of a small stream flowing into the Bay at French Cross Point, near Morden (Fig. 53).

UTM: 346530 E
4996150 N

GEOLOGICAL UNIT: Clay, Quaternary age

DESCRIPTION: Reddish-brown clay containing some organic material. It contains no grit, but a few stones are present. The clay extends to the west for about 31 m along the coast and has a minimum thickness of 91 cm.

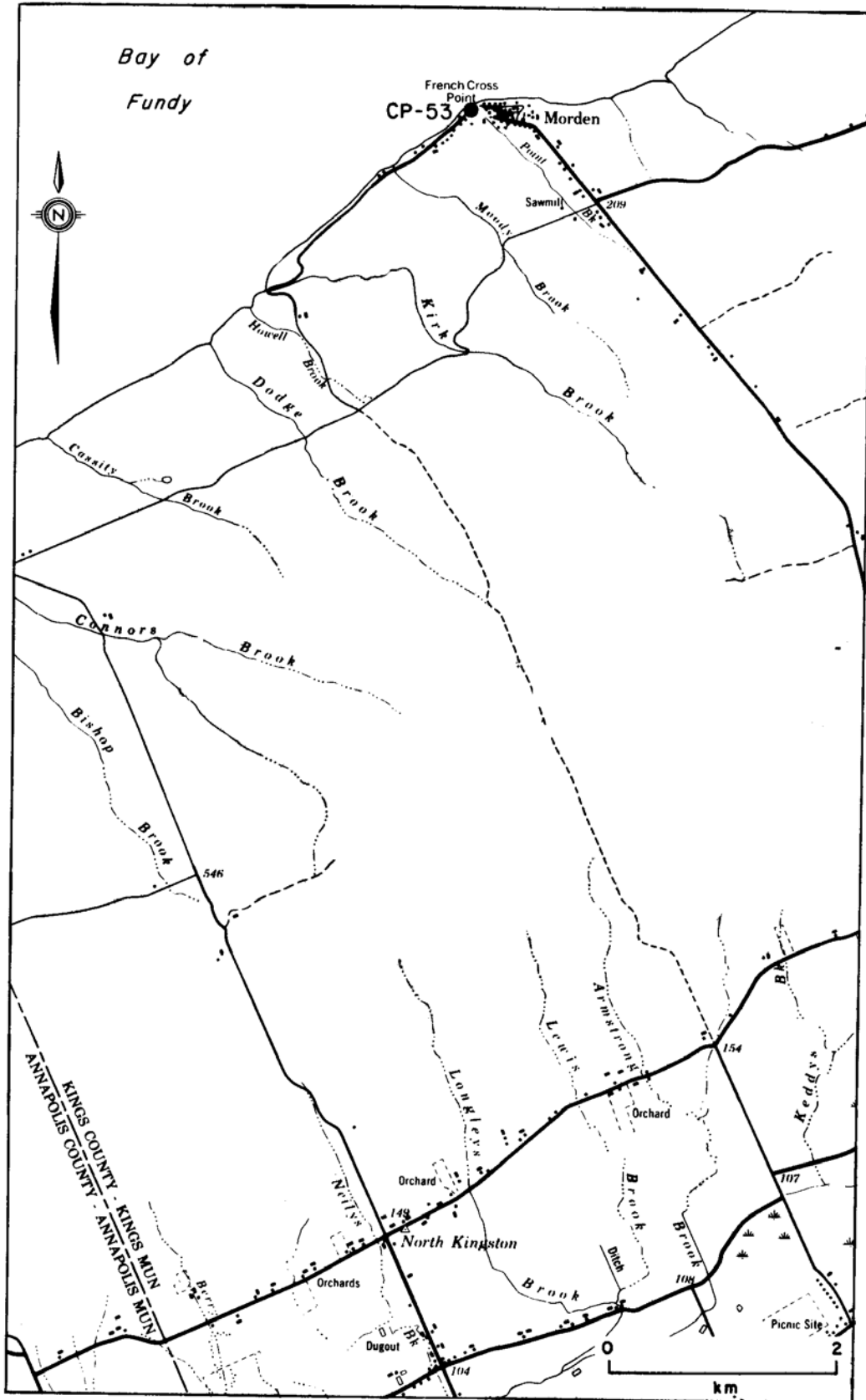
SAMPLE INTERVAL: 30 cm channel sample**TYPE OF MATERIAL:** Clay

UNFIRED CHARACTERISTICS: Moderate red, calcareous clay containing a few stones. Very good workability. Highly plastic. Water of plasticity 28.8%. Safe drying. Air shrinkage 6.8%. Modulus of rupture 317 p.s.i. Benzidine test negative.

P.C.E.: 3+**FIRED CHARACTERISTICS:**

Cone No.	Fired Shrinkage %	Absorption %	Colour	Hardness
06	4.12	7.18	Light moderate reddish brown	Steel hard
04	6.57	2.70	Moderate reddish brown	Steel hard
02	8.81	0.03	Dark moderate reddish brown	Steel hard

POTENTIAL USES: Earthenware, artware and structural products



Ref. Map 21-H-2

Figure 53. Location map for sample CP-53 (Morden)