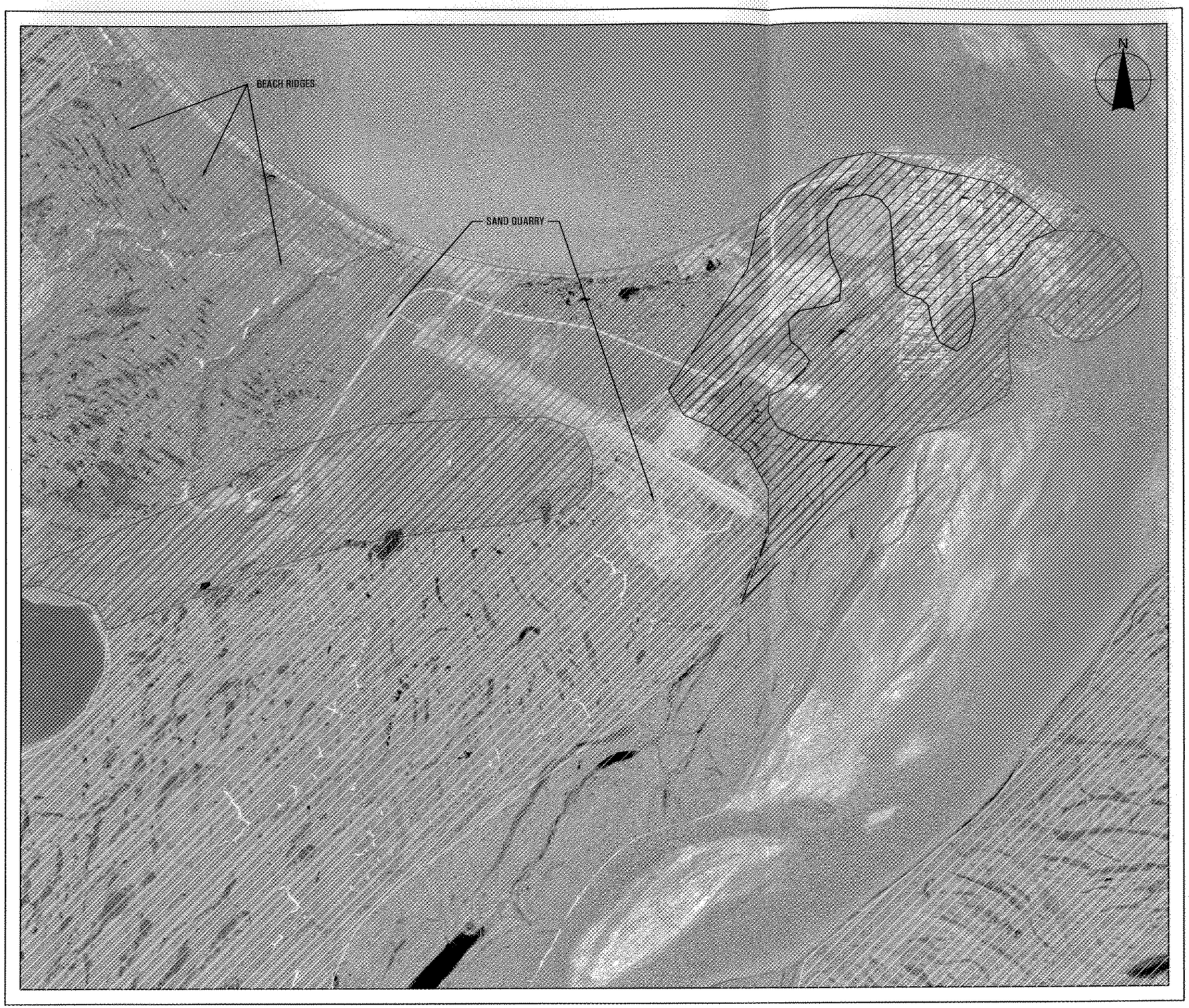


# FIGURE 4

## HAMLET OF KUGLUKTUK

*SEWAGE TREATMENT FACILITY &*
*SOLID WASTE MANAGEMENT FACILITY*
*DETAILED DESIGN - MARCH 2007*

## SURFICIAL GEOLOGY

**Legend**

POST-LAST GLACIATION

- Floodplain Sediments: coarse sand and gravel; 3 to 10 m thick; veneer of pebble and boulder lag common on surface
- Terraced Sediments: fine to coarse sand with minor gravel lenses; wood and peaty material common; 3 to 10 m thick; terrace surfaces commonly gullied or channelled
- Deltaic sediments: boulders, gravel, and sand; 5 to 20 m thick; deeply channelled surfaces with boulder pavements at the bottom of channels
- Littoral Sediments: medium to coarse grained sand with minor gravel; 1 to 5 m thick; blanket deposit with flat to gently undulating surface and with occasional beach ridges

LAST GLACIATION

- Till, washed: boulders and gravel on bedrock surface; 1 to 3 m thick; concentration resulting from washing out of fines by meltwater flow

PRE-QUATERNARY

- Rocks of Middle to Late Proterozoic Coppermine Homocline: sedimentary and volcanic successions, gabbro and diabase sills

Geology Source: 1988: Surficial Geology, Coppermine River, District of Mackenzie, Northwest Territories, Geological Survey of Canada, Map 1645A.

Image Source: © Copyright 2002 DigitalGlobe Inc., All Rights Reserved.

Image Platform: Quick Bird (Satellite)
Image Acquisition: 01 July, 2002
Spatial Resolution: 0.6m

0 200 400 600 800 1000 1200 1400 1600
Meters

1:20,000
October 2005
Project Number: N-0 09755.0

Projection: UTM Zone 16
Datum: NAD83

Prepared by: C. Reynolds

Verified by: J. Walls

Nunavut BURNSIDE

FE009754 DETAILED DESIGN MARCH 2007 SURFICIAL GEOLOGY.DWG