



CONTROL STATION DATA			
Alaska State Plane Zone 1 Coordinate			
Station Name	Northing (Feet)	Easting (Feet)	Elevation (MLLW - ft.)
*CHAN	1915080.844	2348381.218	13.93
**HARBOR2	1937959.905	2343617.387	12.09
BRIDGE	1939689.792	2347553.298	21.03
CP3	1933268.552	2344926.135	290.77
CP4	1933524.039	2344747.495	302.89
CP5	1934739.359	2346100.036	220.58
CP6	1934629.870	2346596.760	230.76
CP7	1935118.757	2346022.349	219.78
CP8	1937135.072	2346440.005	137.43
CP9	1957441.475	2346392.954	135.05
PT11 (= CP1)	1929185.888	2342826.658	113.91
PT12 (= CP2)	1929712.909	2343711.892	108.89
REZANOF	1939070.045	2348259.345	10.90
* Published Coordinate, NGS (NAD27): 57° 05' 53.44800" N 135° 21' 40.96700" W			
** Published Coordinate, NGS (NAD27): 57° 07' 37.63800" N 135° 23' 17.56300" W			

- NOTES**
1. This mapping was performed under contract to the City and Borough of Sitka as part of the Granite Creek Topographical and Geological Field Investigations. The period of work is June 2000 through December 2000.
  2. See "Granite Creek Soils Probe and Wetlands Investigation," dated November 29, 2000, for more detailed information on soils, wetlands and vegetation, and for road route discussion.
  3. Horizontal datum is Alaska State Plane Zone 1 NAD27. Control survey was based on a GPS network constrained to USC&GS Stations "HARBOR2" and "CHAN". Vertical datum is MLLW. See "Granite Creek Control Survey Technical Report," dated December 2000, for additional information.
  4. Photogrammetric mapping prepared by AeroMap, U.S. from aerial photography acquired 7-26-98 at a nominal scale of 1"=1000' and control data acquired June 2000 by Kean and Associates. The mapping conforms to National Map Accuracy Standards.
  5. Topography in vegetated areas should be field-verified prior to use for engineering purposes, in accordance with ASPRS Standards.
  6. The source of the Granite Creek Industrial Site lease boundaries, shown hereon, is the City and Borough of Sitka Department of Public Works (drawing dated 8-10-00). See "Granite Creek Lease Sites: Document Analysis and Preliminary Map of Leaseholds," dated 9-21-00, for details on lease parcels.

**LEGEND**

- DEEP PEAT (PROBE REFUSAL OVER 4 FEET)
- PROBE HOLE, NUMBER AND DEPTH IN FEET (TO THE NEAREST 1/2 FOOT)
- WETLAND SURVEY POINTS
- STREAMS AND CREEKS
- CITY AND BOROUGH OF SITKA PROPERTY BOUNDARY
- LOGGED AREA BOUNDARY
- 25-FT CONTOUR
- 5-FT CONTOUR
- EDGE OF FOREST
- INDUSTRIAL SITE LEASE BOUNDARIES
- USC&GS CONTROL STATION
- CONTROL POINT ESTABLISHED BY KEAN AND ASSOCIATES
- PROPOSED ROAD ROUTE
- STATE PLANE GRID TICK
- WETLAND TYPES:
  - A. OPEN MUSKEG WETLAND
  - B. FORESTED WETLAND ON UNDULATING LAND
  - C. FORESTED WETLAND (MARGINAL) ON STEEP SLOPE
  - D. FORESTED UPLAND (MARGINAL) ON STEEP SLOPE
  - E. FORESTED UPLAND
  - F. FORESTED RIPARIAN UPLAND, WITH CHANNEL INCLUSIONS
  - G. UNFORESTED UPLAND

0 100 200 300 400 500 Meters  
0 400 800 1200 1600 2000 Feet

**GRANITE CREEK  
TOPOGRAPHICAL AND GEOLOGICAL  
FIELD INVESTIGATIONS**

PREPARED FOR:			
CITY AND BOROUGH OF SITKA 100 Lincoln Street      Sitka, Alaska      99835			
PREPARED BY:			
KEAN & ASSOCIATES 14510 Ahlena Circle      Anchorage, Alaska      99516			
IN ASSOCIATION WITH			
AEROMAP, U.S. Topographic/Planimetric Base Map		STEPHL ENGINEERS Soils Data	
		HDR ALASKA, INC. Wetlands Data	
SCALE: 1"=400'	DATE: December 20, 2000	P.O. 20-0007996	
FINAL BASE MAP			