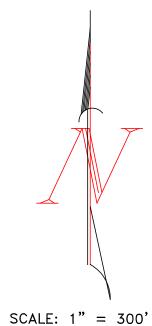


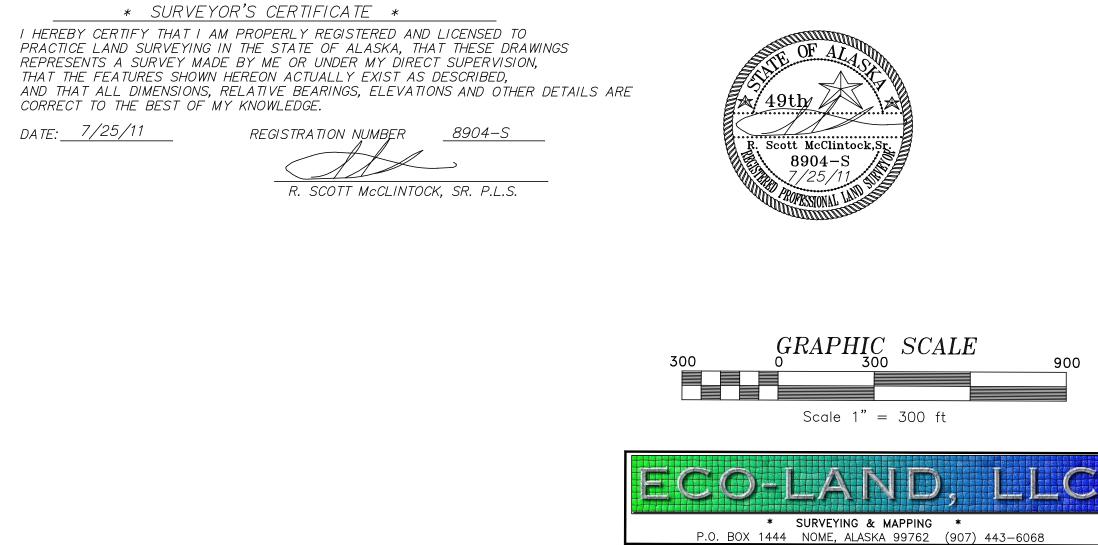
EXHIBIT G

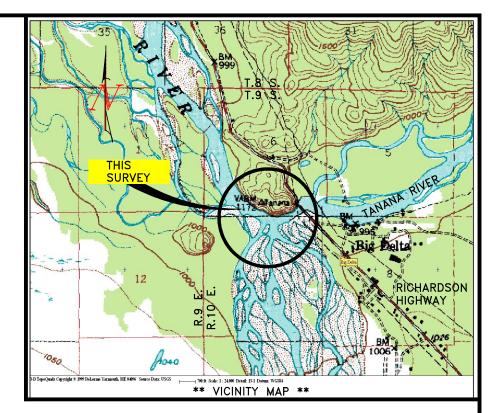
PROJECT BOUNDARY MAPS

The project boundary is within that granted under the preliminary permit issued to WPC under Project No. 13305 and is shown below. The exact location of the device within the project boundary is proposed to be 64°09'22.66" N, 145°51'39.88" W on the right bank of the Tanana River near the community of Whitestone.









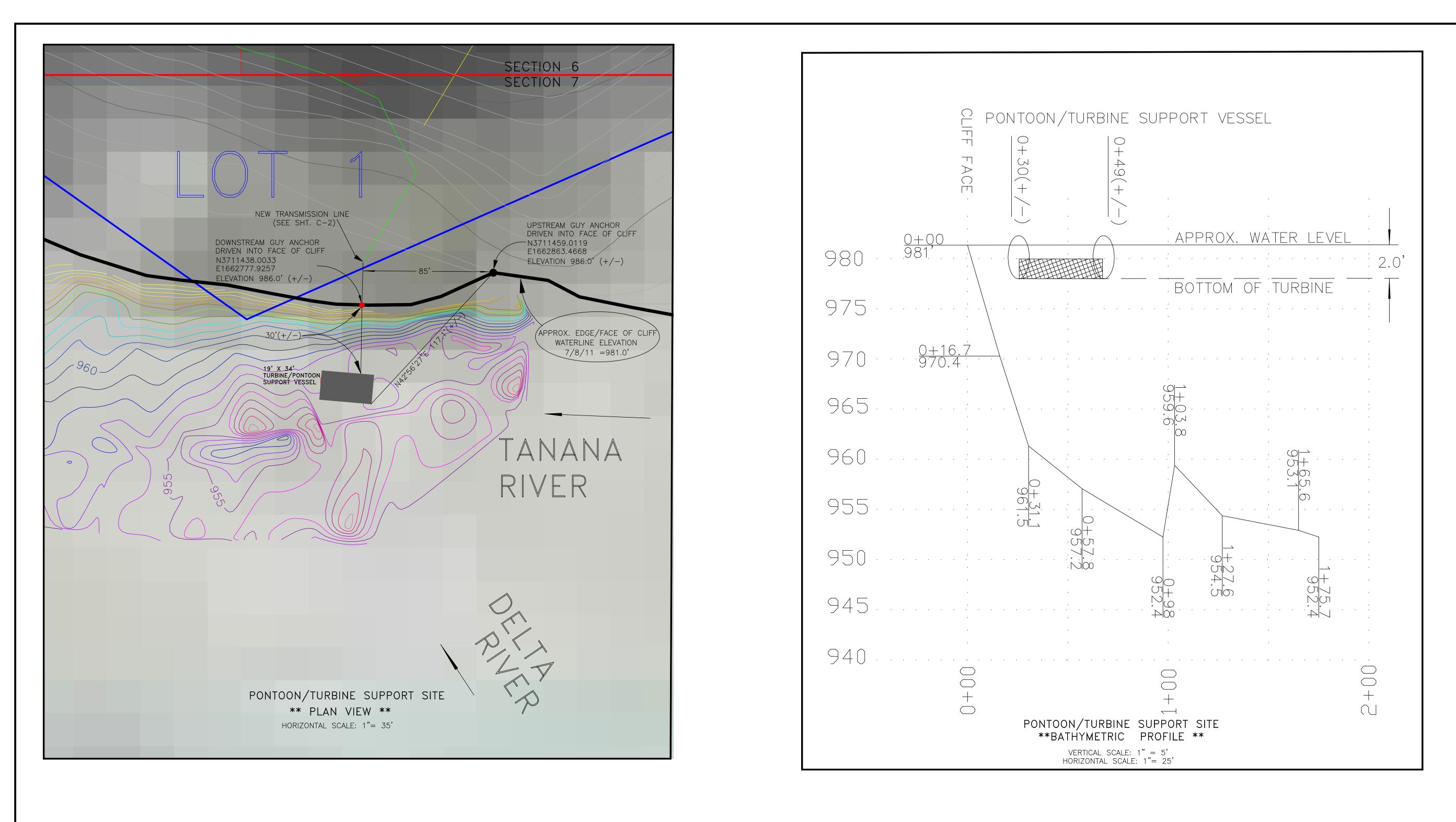
** SURVEY NOTES **

- THE BASIS OF BEARINGS FOR THIS SURVEY WAS THE COMPUTED LINE BETWEEN N.G.S. STATION "PROBERT" LAT.64°08'50.93678"N LONG.145°49'54.80231"W ALASKA STATE PLANE COORDINATES N3708250.4987, E1667259.6450 AND A RTK/GPS BASE STATION LAT.64°08'25.85756"N LONG. 145°50'21.49237"W ALASKA STATE PLANE COORDINATES N3705699.5358, E1666082.1594 THE COMPUTED BEARING BEING S24°46'38"W.
- COORDINATES REFERRED TO HEREON ARE EXPRESSED IN NAD 83 ALASKA STATE PLANE, ZONE 5003 CONVERTED TO HORIZONTAL GROUND US SURVEY FEET.
 THE BASIS OF ELEVATION FOR THIS SUBVEY WAS A RECOVERED BRASS DISK SET IN THE TOR
- 3. THE BASIS OF ELEVATION FOR THIS SURVEY WAS A RECOVERED BRASS DISK SET IN THE TOP OF A CONCRETE CURB, AT THE S.W. END OF THE RICHARDSON HIGHWAY BRIDGE HAVING A PURPORTED ELEVATION OF 998.94 FEET. DATUM IS UNKNOWN.
- 4. THIS SURVEY WAS ACCOMPLISHED USING RTK/GPS METHODS. EQUIPMENT CONSISTED OF SPECTRA EPOCH L1/L2 SURVEY GRADE RECEIVERS HORIZONTALLY/VERTICALLY CORRECTED TO THE BASIS OF BEARING/ELEVATIONS WITH TDS SURVEY PRO-GPS SOFTWARE.
- 5. THE HYDROGRAPHIC SURVEY WAS ACCOMPLISHED USING RTK/GPS METHODS INTERFACED WITH AN OHMEX ULTRA-HIGH FREQUENCY, NARROW BEAM, SURVEY GRADE SONAR SOUNDER CORRECTED IN REAL-TIME TO THE BASIS OF ELEVATIONS WITH TDS SURVEY PRO-GPS SOFTWARE AND PROCESSED IN THE OFFICE WITH HY-PAC SOFTWARE.

P.O. BOX 1444 NOME, ALASKA 99762 (907) 443-6068 - SITE PLAN - TOPOGRAPHIC ELECTRIC ROUTE -- HYDROGRAPHIC SURVEY -

WHITESTONE POWER & COMMUNICATIONS PONCELET KINETICS RHK100 HYDROKINETIC TURBINE PROTOTYPE PROJECT within SECTIONS 6 & 7, T.9 S., R.10 E., FAIRBANKS MERIDIAN 275.5 MILE, RICHARDSON HIGHWAY

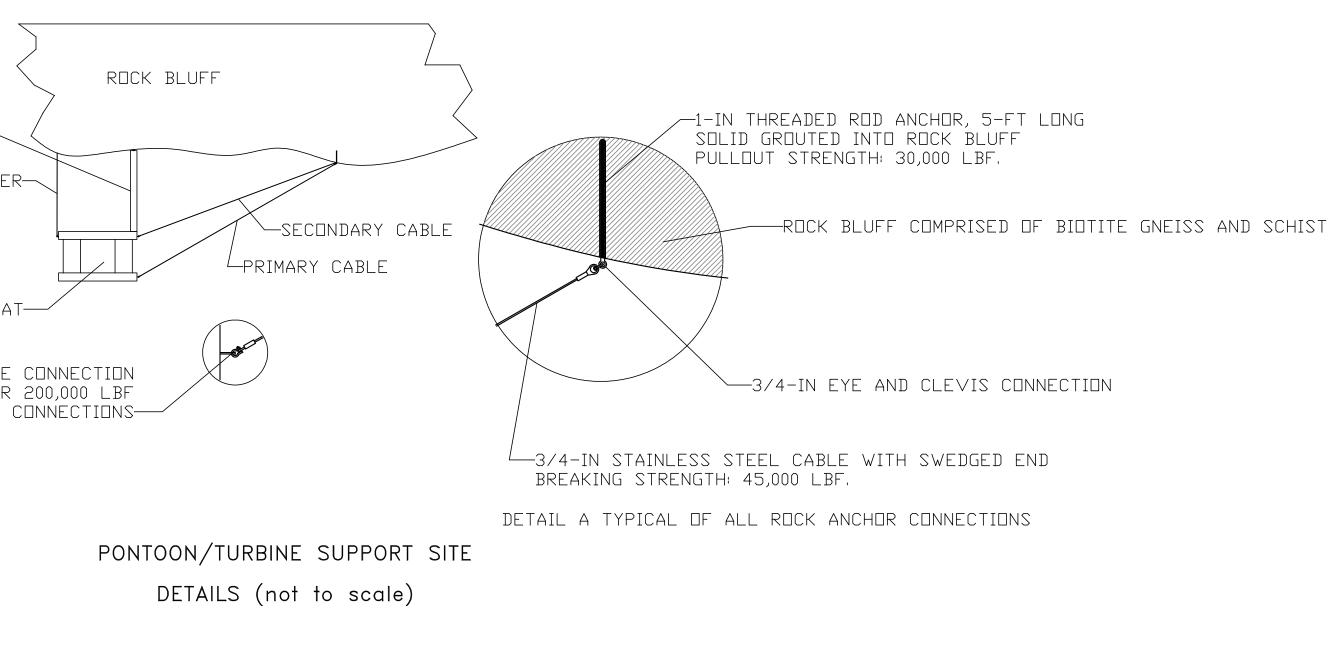
BIG DELTA, ALASKA				
DRAWN BY: R.S.M.	DATE: JULY 25, 2011	DEVELOPER: WHITESTONE POWER & COMMUNICATIONS MR. STEVEN SELVAGGIO, REP. P.O. BOX 782		
SHEET:	FILE #:	DELTA JUNCTION, ALASKA 99762		
COVER (1 of 3)	AK11-011	D.N.R. FILE REF: XXXXXXXX-XXXX		



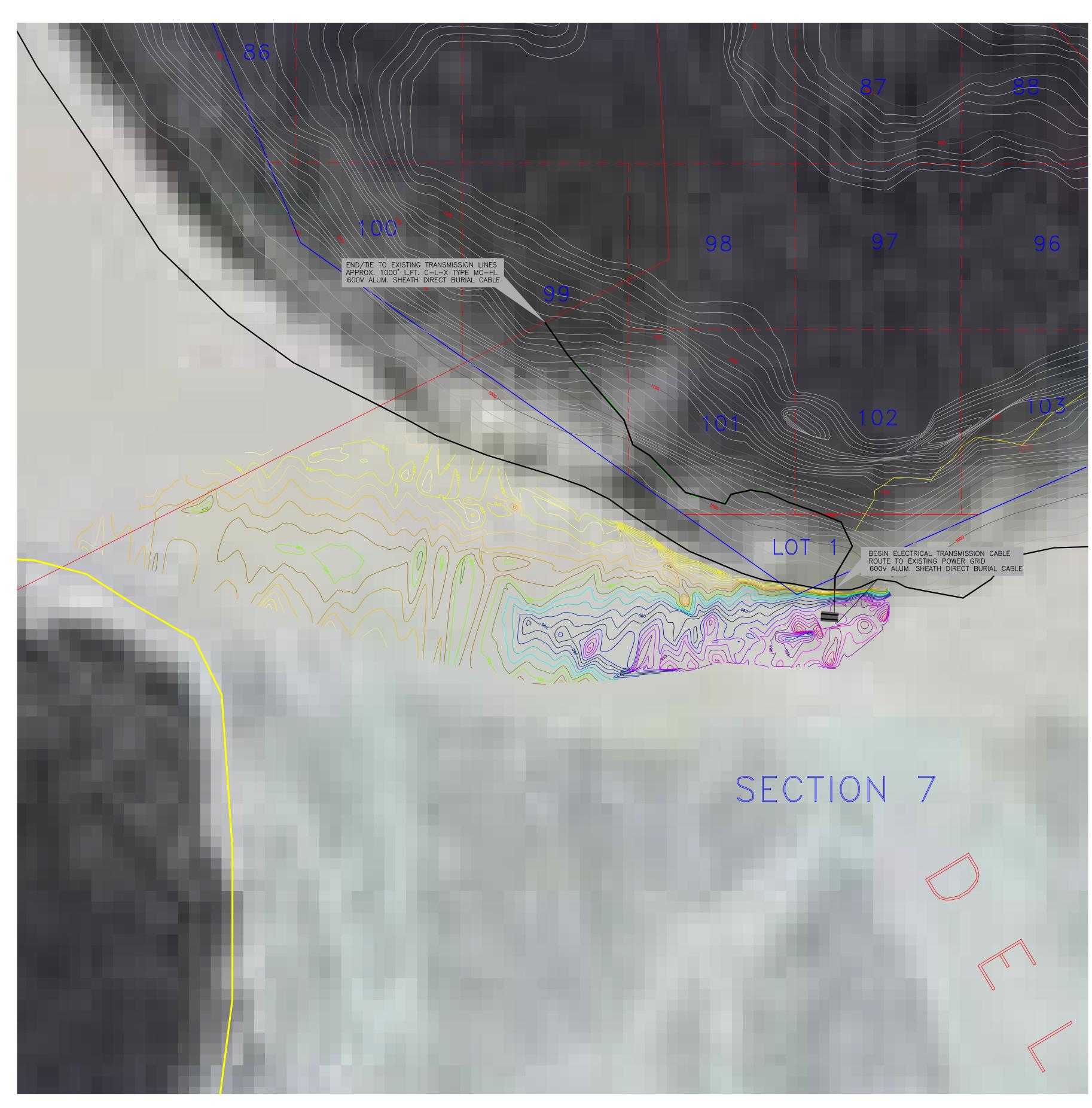
ACCESS BRIDGE/THIRD ANCHOR POINT

PRIMARY SAFETY TETHER-

PONCELET KINETICS RHK100 FLOAT

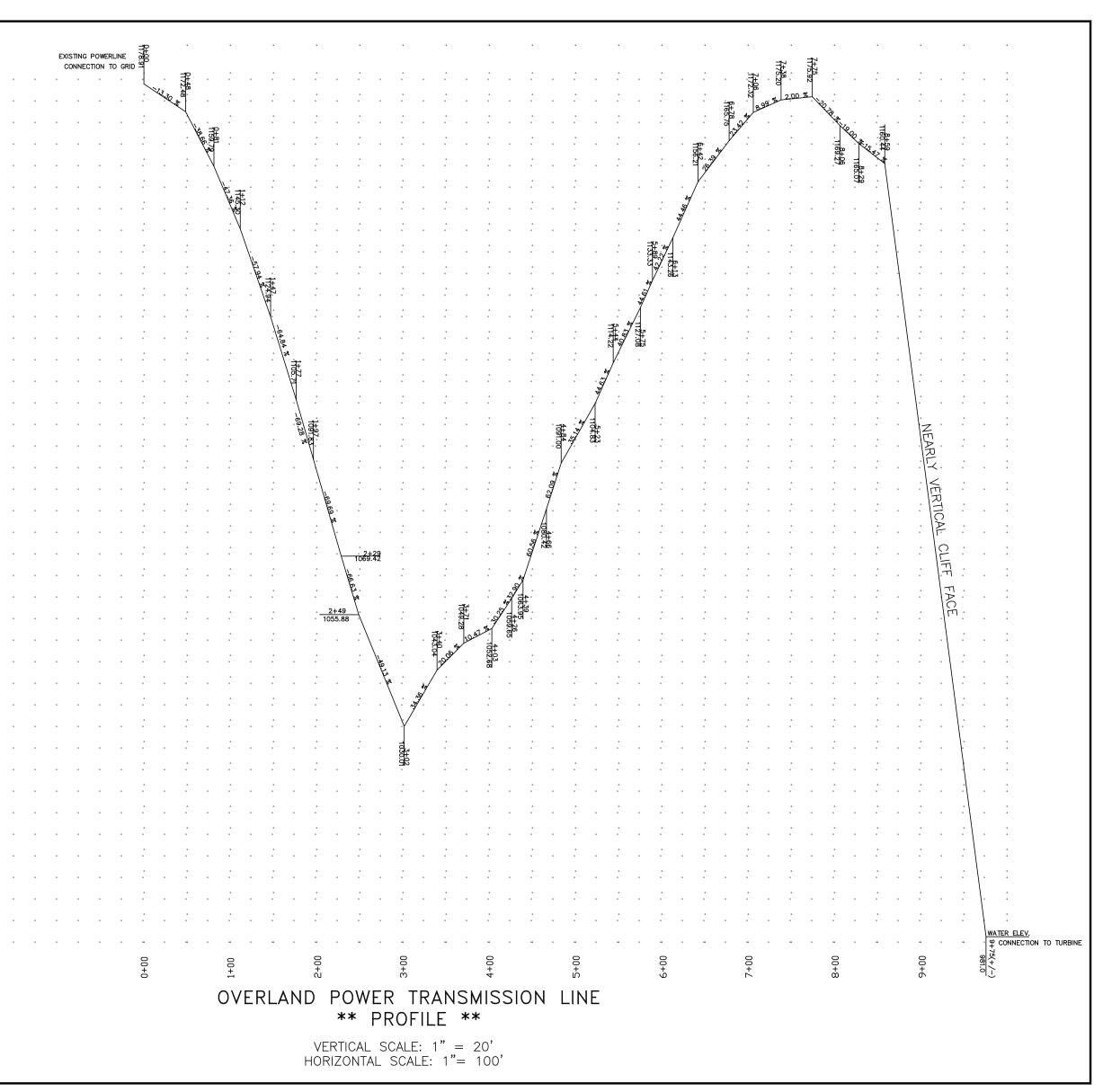


ECO-	LAN	D, LLC		
* SURVEYING & MAPPING * P.O. BOX 1444 NOME, ALASKA 99762 (907) 443-6068				
	– TOPOGRAPH YDROGRAPHIC	IIC ELECTRIC ROUTE – SURVEY –		
WHITESTONE POWER & COMMUNICATIONS PONCELET KINETICS RHK100 HYDROKINETIC TURBINE PROTOTYPE PROJECT within SECTIONS 6 & 7, T.9 S., R.10 E., FAIRBANKS MERIDIAN 275.5 MILE, RICHARDSON HIGHWAY				
BIG DELTA, ALASKA				
DRAWN BY: R.S.M.	DATE: JULY 25, 2011	DEVELOPER: WHITESTONE POWER & COMMUNICATIONS MR. STEVEN SELVAGGIO, REP. P.O. BOX 782		
SHEET: C-1 (1 of 3)	FILE #: AK11-011	DELTA JUNCTION, ALASKA 99762 D.N.R. FILE REF: XXXXXXXX-XXXX		

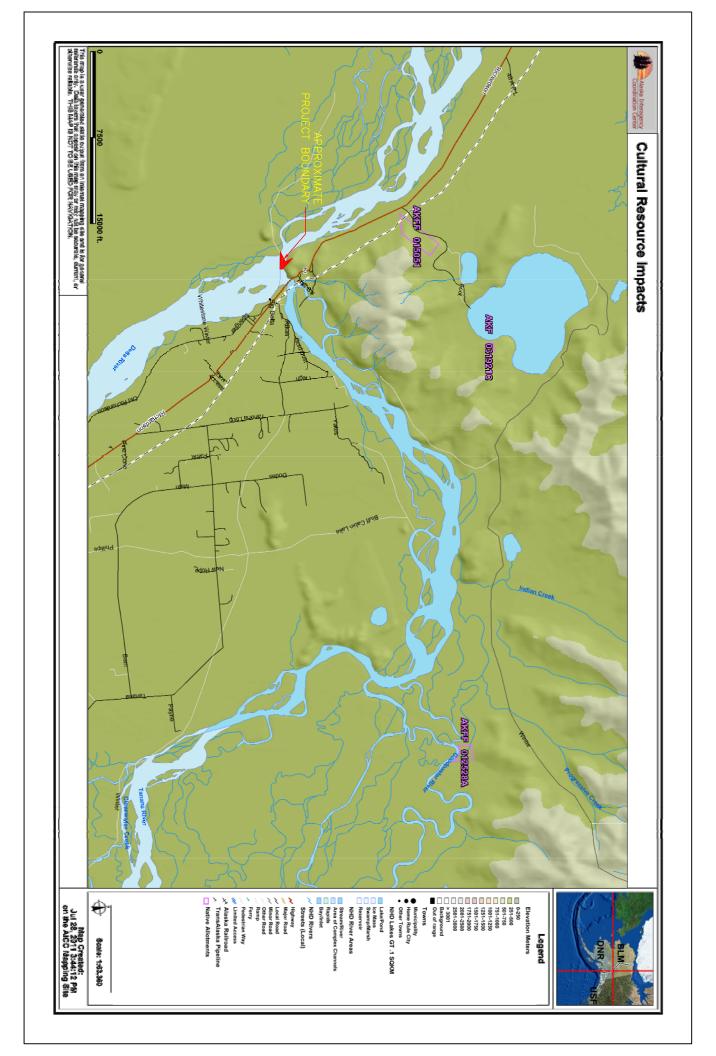


OVERLAND POWER TRANSMISSION LINE ** PLAN VIEW ** HORIZONTAL SCALE: 1"= 100'

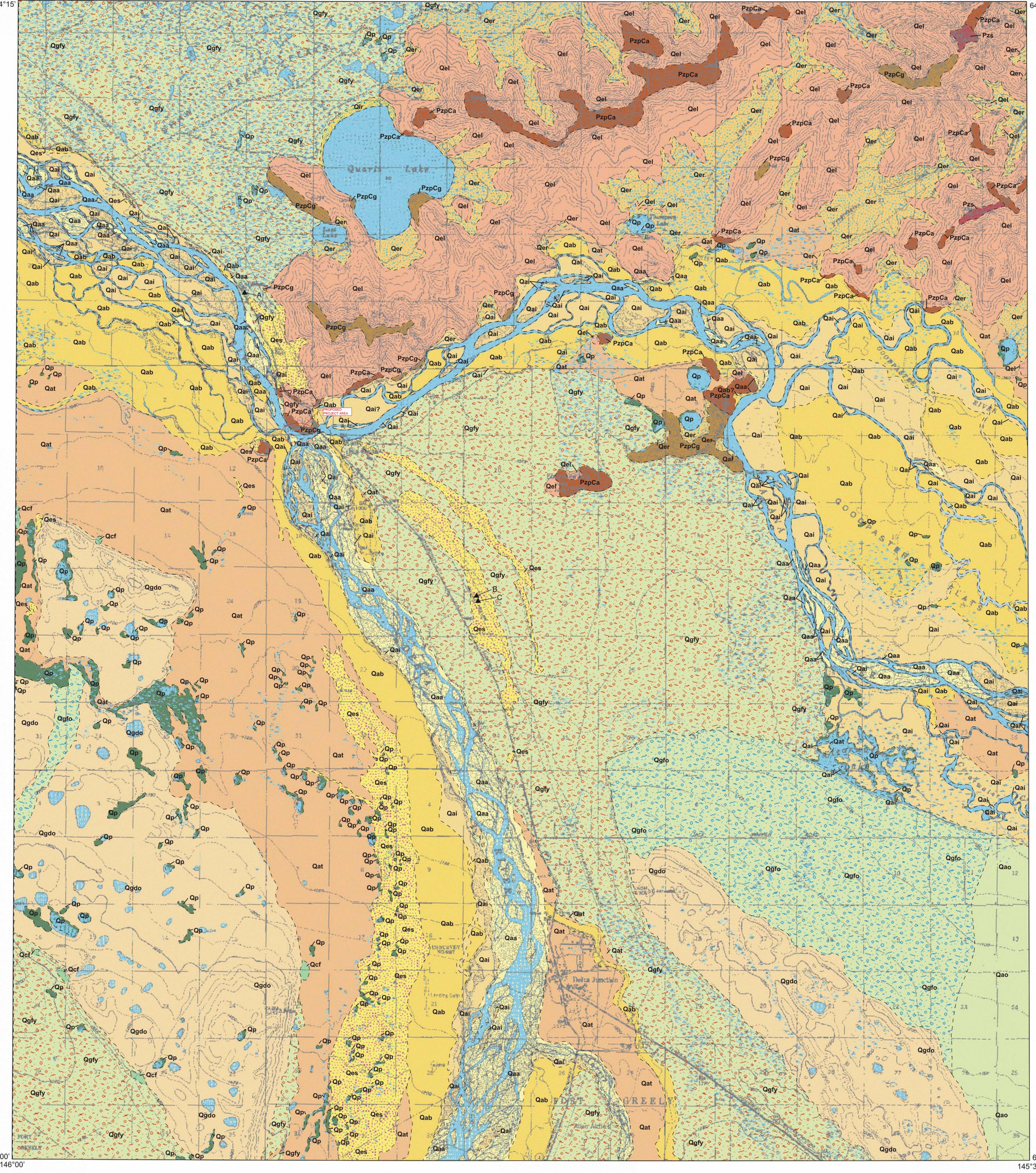
EXISTING POWERLINE 1180 -. 1175. 1170· 1165-1160 · 1155-. . . . 1150 · 1145 1140 · 1135-1130 · 1125. 1120. 1115 · 1110 -1105 -. 1100 -· · · · · 1095. 1090. 1085-. 1080. 1075. 1070. 1065 1060. 1055 1050. 1045 1040. 1035 1030. 1025 1020-1015· 1010 · 1005-1000 · 995 · 990 · 985 ·



ECO-LAND, LLC * SURVEYING & MAPPING * P.O. BOX 1444 NOME, ALASKA 99762 (907) 443-6068 - SITE PLAN - TOPOGRAPHIC ELECTRIC ROUTE -				
- HYDROGRAPHIC SURVEY -				
WHITESTONE POWER & COMMUNICATIONS PONCELET KINETICS RHK100 HYDROKINETIC TURBINE PROTOTYPE PROJECT within SECTIONS 6 & 7, T.9 S., R.10 E., FAIRBANKS MERIDIAN 275.5 MILE, RICHARDSON HIGHWAY BIG DELTA, ALASKA				
DRAWN BY: R.S.M.	DATE: JULY 25, 2011	DEVELOPER: WHITESTONE POWER & CO MR. STEVEN SELVAGGIO, F P.O. BOX 782		
SHEET: C-2 (3 of 3)	FILE #: AK11-011	DELTA JUNCTION, ALASKA D.N.R. FILE REF: XX>		



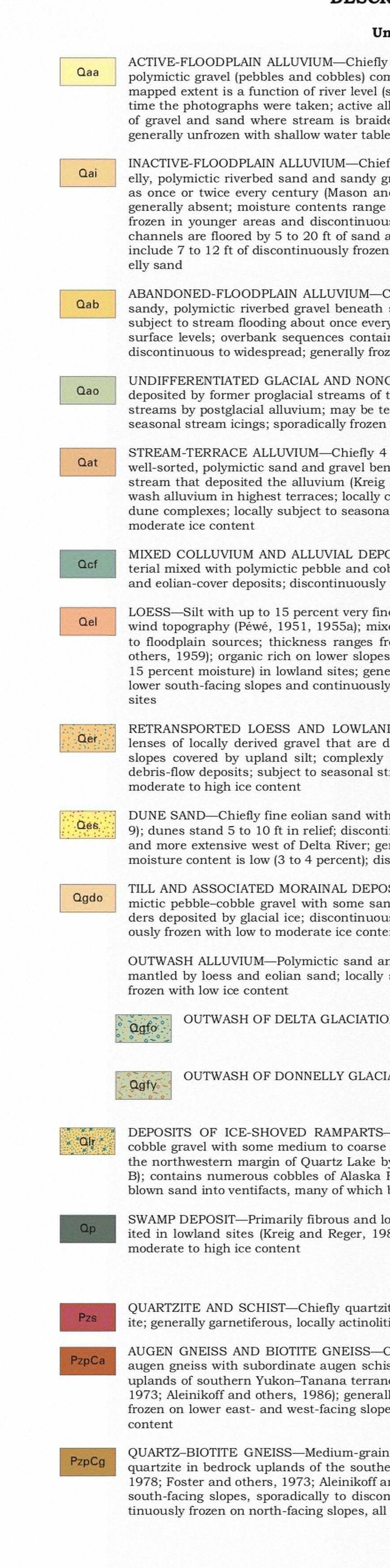
Alaska Division of Geological & **Geophysical Surveys**



Base from U.S. Geological Survey topo-graphic map Big Delta A-4 Quadrangle, Alaska (1950, with minor revision 1991)

SCALE 1:63,360

CONTOUR INTERVAL 50 FEET



4 MILES 21000 FEET 18000 5 KILOMETERS

15000

This map illustrates extents and types of unconsolidated depos-its and bedrock in the Big Delta A-4 Quadrangle, Alaska. This map is based on field observations begun by Péwé in 1949 and by Reger in 1976. Unit characteristics and extents were determined during field visits and by interpreting 1:40,000-scale black-and-white aerial photographs taken in August 1949 and ≈1:63,360-scale, false-color infrared aerial photographs taken in

July 1978, August 1980, and August 1981.

Electronic cartography: Alfred G. Sturmann

ALASKA

DESCRIPTION OF MAP UNITS Unconsolidated Deposits



ously frozen with low to moderate ice content (Péwé and Holmes, 1964; Holmes, 1965) OUTWASH ALLUVIUM—Polymictic sand and gravel deposited by former proglacial streams; may be terraced; mantled by loess and eolian sand; locally subject to seasonal stream icings; sporadically to discontinuously OUTWASH OF DELTA GLACIATION (Péwé and Holmes, 1964; Holmes, 1965) OUTWASH OF DONNELLY GLACIATION (Péwé and Holmes, 1964; Holmes, 1965)

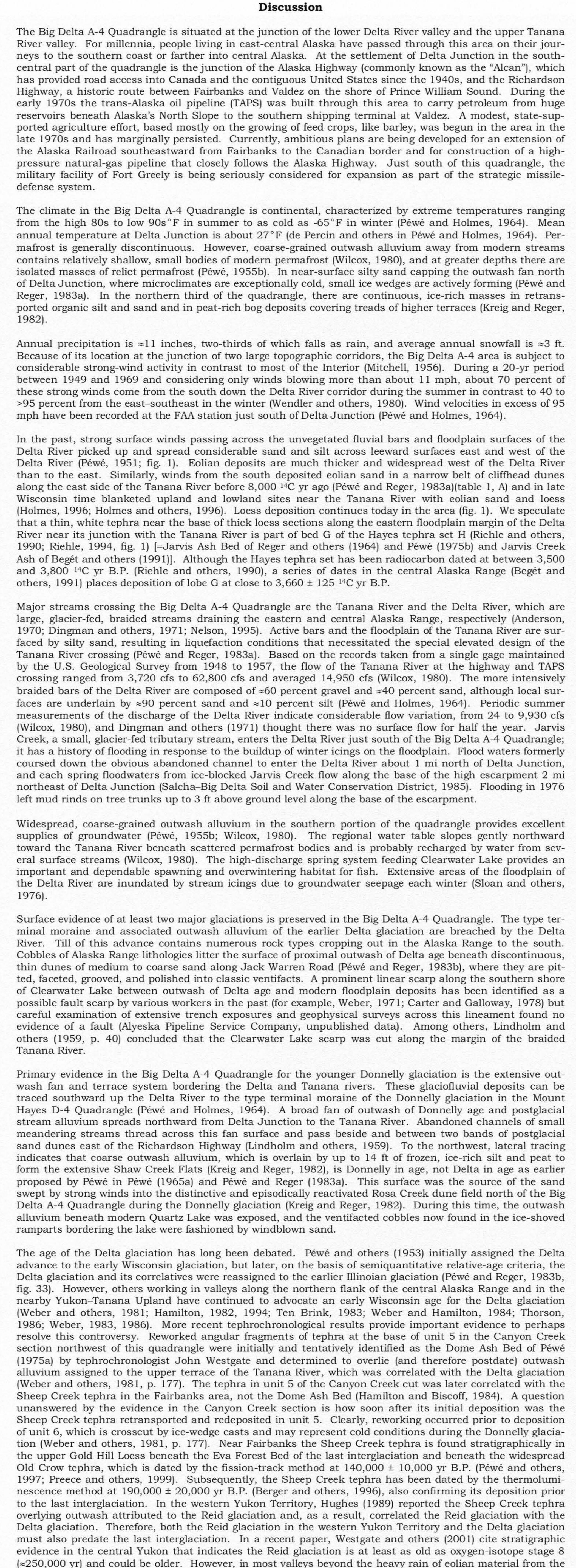
DEPOSITS OF ICE-SHOVED RAMPARTS—Chiefly well-sorted and complexly deformed polymictic pebble-cobble gravel with some medium to coarse sand pushed into a system of double 3- to 5-ft-high ridges around the northwestern margin of Quartz Lake by wind-driven, drifting lake ice (Péwé and Reger, 1983a, figs. 22A, B); contains numerous cobbles of Alaska Range lithologies that are faceted, grooved, and polished by windblown sand into ventifacts, many of which bear caliche rinds; discontinuously frozen with low ice content SWAMP DEPOSIT—Primarily fibrous and locally woody autochthonous peat with organic silt and sand depos-ited in lowland sites (Kreig and Reger, 1982); up to 8 ft thick; discontinuously to continuously frozen with moderate to high ice content Bedrock

QUARTZITE AND SCHIST—Chiefly quartzite with common quartz-mica schist and lesser feldspathic quartz-ite; generally garnetiferous, locally actinolitic and gneissic (Weber and others, 1977, 1978) AUGEN GNEISS AND BIOTITE GNEISS—Chiefly medium- to coarse-grained, foliated and typically mylonitic augen gneiss with subordinate augen schist and biotite gneiss of amphibolite metamorphic facies in bedrock uplands of southern Yukon–Tanana terrane (Weber, 1971; Weber and others, 1977, 1978; Foster and others, 1973; Aleinikoff and others, 1986); generally unfrozen on south-facing slopes, sporadically to discontinuously frozen on lower east- and west-facing slopes, and continuously frozen on north-facing slopes, all with low ice 0 I I 0 1 1

QUARTZ-BIOTITE GNEISS-Medium-grained, well-foliated and banded to massive gneiss interbedded with quartzite in bedrock uplands of the southern Yukon-Tanana terrane (Weber, 1971; Weber and others, 1977; 1978; Foster and others, 1973; Aleinikoff and others, 1986); weathered as deep as 50 ft; generally unfrozen on south-facing slopes, sporadically to discontinuously frozen on lower east- and west-facing slopes, and continuously frozen on north-facing slopes, all with low ice content

	Map Symbols
	Approximate contact
?	Questioned identification
▲ ^B	Field locality quoted in text

LOCATION INDEX RIVER



a recessional moraine of late Illinoian age. Although Péwé initially assigned the Donnelly glaciation to the late Wisconsin glaciation (Péwé and others, 1953), in subsequent papers (Péwé, 1961, 1965b, 1968, 1975a; Péwé and Holmes, 1964; Péwé and Reger, 1983b) he consistently proposed that the Donnelly and its correlatives spanned all of Wisconsin time, and

lower Delta River, moraines of Delta and Donnelly ages have very similar morphologies and do not appear to

be weathered much differently. Also, in the type area of the Delta glaciation, there is an inner and an outer

moraine of Delta age (Péwé and Holmes, 1964). We speculate that the inner Delta-age moraine may represent

Report of Investigations 2002-2 Reger and Péwé

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