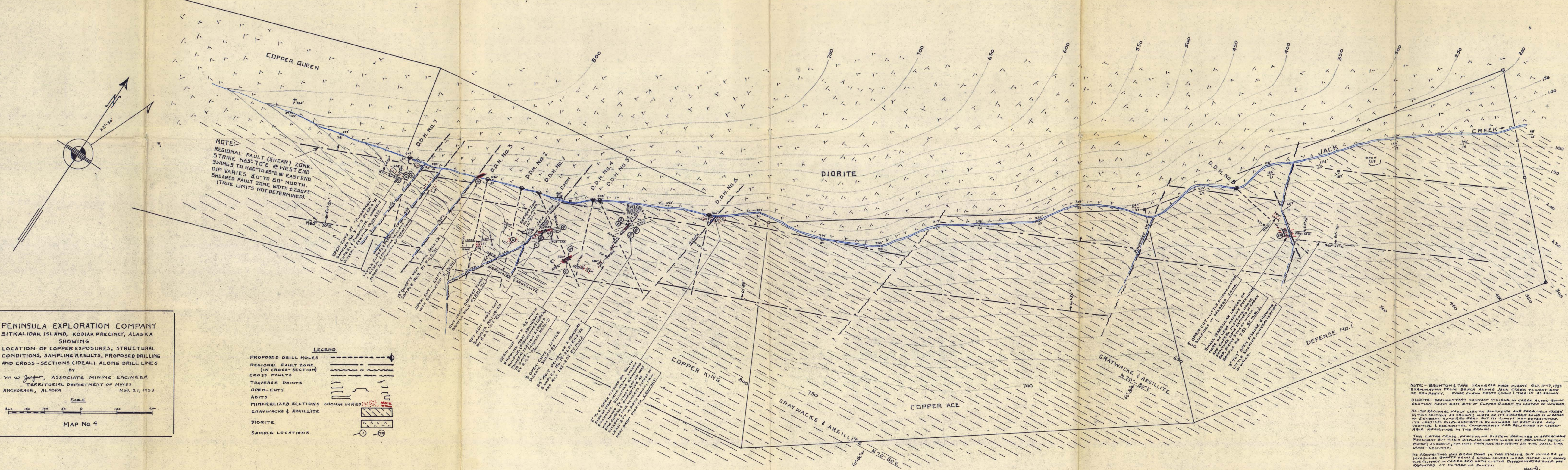


CROSS-SECTIONS OF PROPOSED DIAMOND DRILLING PROGRAM SCALE: 1" = 100' HOR. DIST. 1" = 100' VERT. DIST. 1" = 100'



PENINSULA EXPLORATION COMPANY
SITKALIDAK ISLAND, KODIAK PRECINCT, ALASKA
SHOWING
LOCATION OF COPPER EXPOSURES, STRUCTURAL
CONDITIONS, SAMPLING RESULTS, PROPOSED DRILLING
AND CROSS-SECTIONS (IDEAL) ALONG DRILL LINES
BY
M. W. [Name], ASSOCIATE MINING ENGINEER
TERRITORIAL DEPARTMENT OF MINES
ANCHORAGE, ALASKA
Nov. 21, 1953
SCALE
MAP No. 4

LEGEND

PROPOSED DRILL HOLES

REGIONAL FAULT ZONE (IN CROSS-SECTION)

CROSS FAULTS

TRAVERSE POINTS

OPEN CUTS

ADITS

MINERALIZED SECTIONS SHOWN IN RED

GRAYWACKE & ARGILLITE

DIORITE

SAMPLE LOCATIONS

NOTE: BRUNTON & TAPE TRAVERSE MADE DURING OCT. 10-13, 1953 EXAMINATION FROM BRACK ALONG JACK CREEK TO WEST END OF P.D. QUARRY. FOLIO CLIMAX POSTS LOCATED AS SHOWN.

DIORITE - SEDIMENTARY CONTACT VISIBLE IN CREEK ALONG QUARTZ SECTION FROM EAST END OF COPPER QUEEN TO CENTER OF UPHOON.

N. 50° REGIONAL FAULT LIES ON SOUTHWEST AND PARALLEL CREEK IN THIS SECTION AS SHOWN. DIP OF ITS SHEARED ZONE IS IN RANGE OF SEVERAL HUNDRED FEET BUT ITS LIMITS NOT DETERMINED. THE EXACT DISPLACEMENT IS UNKNOWN BUT EAST SIDE IS VERTICAL & HORIZONTAL COMPONENTS ARE BELIEVED OF CONSIDERABLE MAGNITUDE IN THE REGION.

THE LATEST CROSS-FRACTURING SYSTEM RESULTED IN APPEARING MOVEMENT BUT THEIR DISPLACEMENTS WERE NOT DEFINITELY DETERMINED; AS RESULT, FOR THIS THEY ARE NOT SHOWN ON THE DRILL LINE CROSS-SECTIONS.

NO PROSPECTING HAS BEEN DONE IN THE DIORITE, BUT NUMBER OF IRREGULAR QUARTZ VEINS & SMALL LENSES WERE NOTED IN IT ALONG THE CONTACT IN CREEK BED WITH LITTLE DISSEMINATED BLENDED REPECTED AT NUMBER OF PLACES.