Preliminary Map Number: 1978 PW-3 N.T.S. 62G/8 MIAMI Mineral Resources Division Legend POST GLACIAL JUL 18 2003 ll Wet low lying areas - sloughs 10 Alluvium - silt and clay 9 Colluvium - land slide massflow debris 8 Eolian sand - dunes 7a 1-4 River terrace deposits - gravel, silt, clay 7b River terrace deposits - undifferentiated GLACIO-LACUSTRINE 6a Beach ridges - reworked gravel or lag concentrates 6b Littoral sand, shorelines 5b Offshore clay - silt, yellow medium to fine 5a Nearshore sand, yellow 4 Lacustrine clay, brown GLACIOFLUVIAL - PROGLACIAL 3a Outwash and esker sediments - gravel 3b Outwash and esker sediments - sand GLACIAL 2b Brown till - 2b-1, Subdued till, 2b-2, Hummocky stagnation till, 2b-3, Wave washed till 2a Grey till BEDROCK 1 Cretaceous shale Symbols beach ridges - - - bedrock ridges - escarpment zone recessional moraine PEMBINA RURAL MUNICIPALITY QUATERNARY GEOLOGY OF THE PORTAGE - WINKLER AREA Geology by Susan Ringrose and Maryann Mihychuk, 1978. This map is a provisional summary of work carried out during the summer field season and is printed directly from the geologist's manuscript. It is not to be regarded as a final interpretation of the geology of the area. Reference: