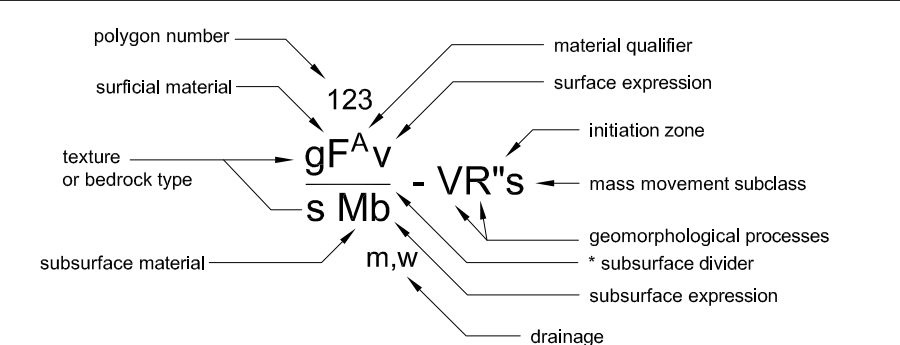


LEGEND

EXAMPLE OF MAP SYMBOLS



* The subsurface divider divides layered units which are identified by groups of letters arranged one above the other where one or more kinds of surficial materials overlie a different material or bedrock.

TERRAIN LEGEND **

<p>SURFICIAL MATERIALS:</p> <ul style="list-style-type: none"> E Eolian M Morainal (Till) F Fluvial F^g Glacioluvial C Colluvial L^g Glaciolacustrine O Organic U Undifferentiated Sediments R Bedrock D Weathered Bedrock V Volcanic 	<p>TEXTURE:</p> <ul style="list-style-type: none"> c Clay (< .002 mm) z Silt (.002 - .06 mm) s Sand (.06 - 2 mm) p Pebbles (2 - 64 mm, (sub) rounded) k Cobbles (64 - 256 mm, (sub) rounded) b Boulders (>256 mm, (sub) rounded) r Rubble (64 - 256 mm, (sub) angular) l Blocks (> 256 mm, (sub) angular) x Angular Fragments (> 2 mm) g Rounded Clasts (> .06 mm) d Mixed Rounded and Angular Fragments (> 2 mm) 	<p>MODIFYING PROCESSES:</p> <ul style="list-style-type: none"> -V Gullied or Gullying -A Snow Avalanching -Am Minor Avalanching Active -AM Major Avalanching Active -AO Old Avalanche Track -M Mixed Major and Minor Tracks, Active -B Braided -AB Anastomosing -M Meandering -E Channelled by Glacial Meltwater -H Kettled -SE Seepage Evident -R Rapid Mass Movement -M Mass Initiation Zone -Rb Rockfall -Rd Debris Flow -Rm Bedrock Slump -Rt Debris Torrent -RS Debris Slide -S Slow Mass Movement -M Mass Movement Initiation Zone -Fk Tension Cracks -Fp Lateral Spread of Fractured Bedrock -Fn Falling Slump in Bedrock -Fu Falling Slump in Surficial Material -N Nivation -I Irregular Channel 																																																														
<p>COMPLEX MAP UNIT SYMBOLS:</p> <p>aCb/R where:</p> <ul style="list-style-type: none"> / = Greater than (i.e. 60/40 proportionally) // = Much greater than (i.e. 80/20 proportionally) c = Steeper than 20% slope f = Fan - up to 20% slope t = Terrace - stepped topography p = Plain - 0 to 5% slope r = Ridged - elongated slopes steeper than 20% h = Hammocky - 25-70% slopes s = Steep - steeper than 70% m = Rolling - elongated slopes with 5-25% slopes u = Undulating - slopes less than 25% 	<p>(SUB) SURFACE EXPRESSIONS:</p> <ul style="list-style-type: none"> b Blanket (> 1 m thick) v Veneer (< 1 m thick) w Mantle of variable thickness (0-3m) x Thin veneer (2-20cm) c Cone - steeper than 20% slope f Fan - up to 20% slope t Terrace - stepped topography p Plain - 0 to 5% slope r Ridged - elongated slopes steeper than 20% h Hammocky - 25-70% slopes s Steep - steeper than 70% m Rolling - elongated slopes with 5-25% slopes u Undulating - slopes less than 25% 	<p>BEDROCK TYPES</p> <table border="0"> <tr> <td>uf Shale</td> <td>um Sandstone</td> </tr> <tr> <td>eb mafic Extrusive</td> <td>el Intermediate Extrusive</td> </tr> <tr> <td>ea felsic Extrusive</td> <td>la felsic Intrusive</td> </tr> <tr> <td>ff Slate / Phyllite</td> <td>fm Gneiss / Schist</td> </tr> <tr> <td></td> <td>gr Granite</td> </tr> <tr> <td></td> <td>nm Metasandstone</td> </tr> </table>	uf Shale	um Sandstone	eb mafic Extrusive	el Intermediate Extrusive	ea felsic Extrusive	la felsic Intrusive	ff Slate / Phyllite	fm Gneiss / Schist		gr Granite		nm Metasandstone																																																		
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** Based on: Guidelines and Standards to Terrain Mapping in British Columbia. British Columbia Resource Inventory Committee, 1996.

Sierra / Yoyo / Desan Aggregate Potential Map

1:40,000 scale maps created from TRM base employed for this project:
094J/11, 12, 13, 14 094J/09, 10, 15, 16 094P/02, 03, 04, 05, 07, 10

November 2002
November 2002
November 2002

Field Checked: September 2002
Monorestitution by: Paul Savinkoff G.T.
Air Photographs by: The Province of British Columbia, 1:40,000 1997 Monochrome

UTM Zone 10, NAD 83, Contour Interval: 20m

For: British Columbia Ministry of Energy and Mines

Map by: Heather Blyth, M.Sc., D.F.Eng., P. Geo., and Victor Levson, Ph.D., P. Geo. (British Columbia Ministry of Energy and Mines)

Any revision or additional geologic information would be welcomed by the authors
c/o Blyth Consulting, 1844 Bueria Vista Avenue, Comox, B.C. V9M 2B7

094J/09