

LITHOLOGICAL LEGEND

- QUATERNARY [ Qa, g, u<sub>2</sub> ALLUVIUM/SWAMP(a), GLACIAL (g) UNDIFFERENTIATED (u)
- TERTIARY [ TB<sub>8</sub> BASALT LAVA  
TS<sub>7</sub> SILCRETE
- DEVONIAN [ S-D<sub>39</sub> ELDON GROUP SEDIMENTS (UNDIFFERENTIATED)
- SILURIAN [ Ogl<sub>34</sub> GORDON GROUP (UNDIFFERENTIATED)
- ORDOVICIAN [ Oms<sub>33</sub> MOINA SANDSTONE
- EARLY ORDOVICIAN [ Ouu<sub>15</sub> UPPER UPPER OWEN - CHERT BEARING CONGLOMERATE & SANDSTONE (PIONEER BEDS EQUIVALENT)
- LATE ORDOVICIAN [ Oul<sub>17</sub> LOWER UPPER OWEN-WELL BEDDED PINK SANDSTONE
- CAMBRIAN [ Oom<sub>14</sub> MIDDLE OWEN - DOMINANTLY PEBBLE CONGLOMERATE  
20 On<sub>16</sub> NEWTON CREEK SANDSTONE MEMBER EQUIVALENT

- Tyndall Group [ TV<sub>1</sub><sub>39</sub> RED VOLCANICLASTIC CONGLOMERATE (? DORA CONGLOMERATE EQUIVALENT)  
TV<sub>2</sub><sub>38</sub> RED ASH-LAPILLI VOLCANICLASTIC, MINOR CONGLOMERATE

- Southwell Sub-Group [ RDI<sub>26</sub> RHYOLITIC-DACITIC LAVA & SHALLOW INTRUSIVE  
Ms<sub>29</sub> MICACEOUS SANDSTONE, SHALE & MINOR CONGLOMERATE  
Flv<sub>25</sub> FELSIC LAPILLI VOLCANICLASTICS, OFTEN EUTAXITIC  
1<sub>65</sub> QTZ. XTAL RICH VOLCANICLASTICS & BLACK SHALE MATRIX, BLACK VITRIC VOLCANICLASTIC & EUTAXITIC FRAGS  
2<sub>69</sub> GREY LAMINATED SILTSTONE & LITHIC WACKE CONTAINING BLACK SHALE & CHERT FRAGMENTS  
3<sub>68</sub> BLACK SHALE LENSES  
4<sub>52</sub> QTZ. XTAL RICH VOLCANICLASTICS WITHOUT BLACK SHALE OR BLACK VITRIC MATRIX

- Que River Beds [ QRS<sub>68</sub> BLACK CARBONACEOUS QTZ./MICA SHALE

- Dundas Group [ Bpl<sub>50</sub> AMYGDALOIDAL BASALT SHEET LAVA (BI) & PILLOW LAVA (Bpl) WHICH INCLUDES HYALOCLASTITE BRECCIA & INTERPILLOW CHERT  
BI<sub>43</sub>  
Bvc<sub>49</sub> BASALT VOLCANICLASTIC (& BMS SULPHIDE FRAGMENTS IN GOLDEN TRIANGLE)  
Afp<sub>48</sub> ANDESITE FELDSPARPHYRIC LAVA, COMMONLY AUTOBRECCIATED  
Avc<sub>44</sub> ANDESITIC VOLCANICLASTIC  
DI<sub>63</sub> DACITE LAVA MASSIVE, COMMONLY FLOW BANDED, WEAKLY FELDSPAR PORPHYRITIC

- Que-Hellyer Volcanics [ Dvc<sub>54</sub> DACITIC VOLCANICLASTIC  
Yvc<sub>58</sub> CLAST DOMINANT, LAPILLI TO BRECCIA VOLCANICLASTICS. CONTAINS CLASTS OF ANDESITE, BASALT, DACITE & BASE METAL SULPHIDES COMMONLY IN A CHERT MATRIX.  
HA<sub>6</sub> STRONGLY SERICITE-PYRITE-QUARTZ ALTERED ROCKS ALTERATION OBLITERATES PRIMARY FEATURES  
BMS<sub>21</sub> BASE METAL SULPHIDE LENSES  
Ba<sub>22</sub> MASSIVE COARSELY CRYSTALLINE TO WEAKLY BEDDED BARITE  
MS<sub>71</sub> MASSIVE QTZ./MICA SANDSTONE. COMMON INTERBEDS OF BLACK CARBONACEOUS QTZ./MICA SHALE

- S.W. of Mt. Charter Fault [ R<sub>26</sub> QTZ. FELDSPAR PORPHYRY INTRUSIVES  
Sh<sub>68</sub> BLACK SHALE, SILTSTONE  
FI<sub>46</sub> FELSIC LAVA, MOSTLY FELDSPARPHYRIC, MASSIVE TO VESICULAR

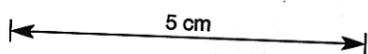
- Central Volcanic Complex [ CV<sub>18</sub> FELSIC VOLCANICLASTIC & EUTAXITIC FRAGMENTS (IGNIMBRITE?)  
CV<sub>2</sub><sub>13</sub> RHYODACITIC-RHYOLITIC LAVA & POSSIBLE INTRUSIVES  
CV<sub>3</sub><sub>11</sub> ASH TO FINE LAPILLI VOLCANICLASTIC

- INTRUSIVE LITHOLOGIES [ KI<sub>19</sub> ?CRETACEOUS LAMPORPHYRE DYKES  
Do<sub>1</sub><sub>32</sub> ?DEVONIAN DOLERITE SILLS  
R<sub>26</sub> QTZ.(FELDSPAR)PORPHYRITIC RHYOLITE SILLS  
ADI<sub>64</sub> ANDESITIC - DACITIC INTRUSIVES. COMMON IN MSs GROUND 1600 N 6000E

UNASSIGNED SEQUENCE - East of Henty Fault

- RDI<sub>26</sub> RHYOLITIC TO RHYODACITIC LAVA &/OR INTRUSIVE
- MS<sub>71</sub> MICACEOUS SANDSTONE & INTERBEDDED SHALE
- Dvc<sub>54</sub> DACITIC VOLCANICLASTIC
- Rvc<sub>27</sub> RHYOLITIC VOLCANICLASTIC
- BI<sub>45</sub> BASALTIC LAVA

- GEOLOGICAL BOUNDARY, ACCURATE/APPROXIMATE
- - ? - - ? - - GEOLOGICAL BOUNDARY, INFERRED/CONCEALED
- ? ? ? LIMIT OF INFORMATION
- FAULT, ACCURATE / APPROXIMATE
- ? ----- FAULT INFERRED
- ↑ ↓ EARLY ANTICLINE, SYNCLINE
- ↑ ↓ LATE ANTICLINE, SYNCLINE
- ⊥ ⊥ STRIKE & DIP OF BEDDING - FACING KNOWN, OVERTURNED, FACING UNKNOWN, VERTICAL
- ⊥ ⊥ STRIKE & DIP OF CLEAVAGE, VERTICAL CLEAVAGE
- ▲ ○ FLOW BANDING IN INTRUSIVE OR EXTRUSIVE ROCKS, VERTICAL FLOW BANDING
- DIAMOND DRILLHOLE COLLAR
- TB 0 DDH & THICKNESS OF TERTIARY BASALT & BASEMENT ROCK TYPE  
SD 200  
210
- ⊙ MACROFOSSIL LOCALITY



91-3268.

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| <b>Aberfoyle Resources Limited</b>                                 |  |  |  | 654624              |  |
| EXPLORATION DIVISION   |  |  |  | Compiled : AMcN     |  |
| NORTH WEST TASMANIA<br>MACKINTOSH E.L. 106/87<br>GEOLOGICAL LEGEND |  |  |  | Drawn : JLR         |  |
| 1:10 000 INTERPRETIVE GEOLOGY                                      |  |  |  | Traced :            |  |
| Location Code :  |  |  |  | Checked :           |  |
| Scale : N/S  |  |  |  | Date : June, 1989   |  |
| Date : June, 1989  |  |  |  | Plate No. : MAC 247 |  |