



SEE REPORT  
EMR 46/81

GEOTREX AIRBORNE EM  
ANOMALY 183-15

RITS IN LIMONITE

6500E

6700E

6900E

7100E

7300E

7500E

7700E

7900E

8100E

8300E

8500E

8700E

8900E

9100E

9300E

9500E

9700E

9900E

5100N

5200N

5300N

5400N

5500N

5600N

5700N

NOTE: 1962 ZEEHAN 1 MILE SHEET GEOLOGY SUPERIMPOSED OUTSIDE  
GRID MAPPED LITHOLOGIES

REFERENCE	
Qra	Alluvium
Qrg	Gravels T3 High level gravels 2-4m above creeks; T2 Intermediate, Terrace level; T1 Low level
Qrs	Older alluvium, downwash
L	Limonite Terrace capping
€b	Brewery Junction formation
€ra	Razorback Conglomerate (Prefix R) (i) Upper - cg x g: Purple & green siltstone & chert clast greywacke pebble/cobble conglomerate (cg) and sandstone (s), green greywacke matrix ie Rcg Razorback greywacke conglomerate (ii) Middle - S3 Beaded platy green siltstone with occasional greywacke bands, usually fine greywacke sandstone (qs) - Symbol RS3 (iii) Lower - CSS "Chip" breccia sandstone - a fine variety of Cb - not always present on top of Cb (iv) Lower - Cb "Chip" breccia conglomerate - clasts of red, pink and white shale and chert chips, some subrounded - typical Era? Symbol Rcb Hodge Slate (H prefix) medium green platy to thinly bedded siltstone (S3) and shale. Apparently lacks greywacke bands unlike Era middle unit - Symbol HS3 Crimson Creek Formation Gabbro, dolerite Serpentine
€c	
€g	
€s	

LITHOLOGY TYPES	
(1) Conglomerate - c	
1-1 eg	Greywacke congl. with mixed large pebbles/cobbles, generally red & green siltstones, green greywacke matrix
1-2 cb	€ra "chip" breccia - pale
1-3 CSS	A finer variety of Cb - a pale gritstone
(2) Greywacke - g	
2-1 g	greywacke - coarse grained with rock clasts
2-2 qss	greywacke sandstone
2-3 gs	greywacke siltstone
2-4 gsh	greywacke shale
(3) Siltstone - s	
3-1 S1	grey siltstone
3-2 S2	grey-blue siltstone
3-3 S3	green siltstone (gs2 = green greywacke siltstone)
3-4 S4	black siltstone / shale
3-5 S5	dark green contorted schist (possibly €s?)
(4) Quartz/Chert - Q/ch	
4-1 Ch	chert: red (rch), grey (gch), white (wch)
4-2 fch	brown limonite chert ("gossanous" chert)
4-3 QS	siliceous sinistery quartz, often with 1-5% black f-g crystals/chromite? Usually with chert, limonitic chert & quartz veins, derived from €s?

- (5) Δ - Scree slope material  
ie ΔQS - quartz sinter slope scree
- BASE OR CHANGE OF SLOPE
- RIDGE TOP
- GEOLOGICAL BOUNDARY
- WATER COURSE
- FAULT
- STREAM SEDIMENT SAMPLE
- PAN CONCENTRATE SAMPLE
- AUGERED SOIL SAMPLE SERIES A38851-895 (1982). SEE EMR 20180 FOR RESULTS ON LINES NEV1-3. SAMPLES 602 NEV 001-122

**CSR LIMITED - M D**

**GEOLOGICAL MAP & SAMPLE LOCATIONS**  
619040  
NEVADA GRID  
E.L. 15/76 DUNDAS, TASMANIA

SCALE 1:2500  
DRAWN PMM/CJL  
DATE DEC 1982  
REVISED

**K 555 - 39**