

HUON

LAND TENURE

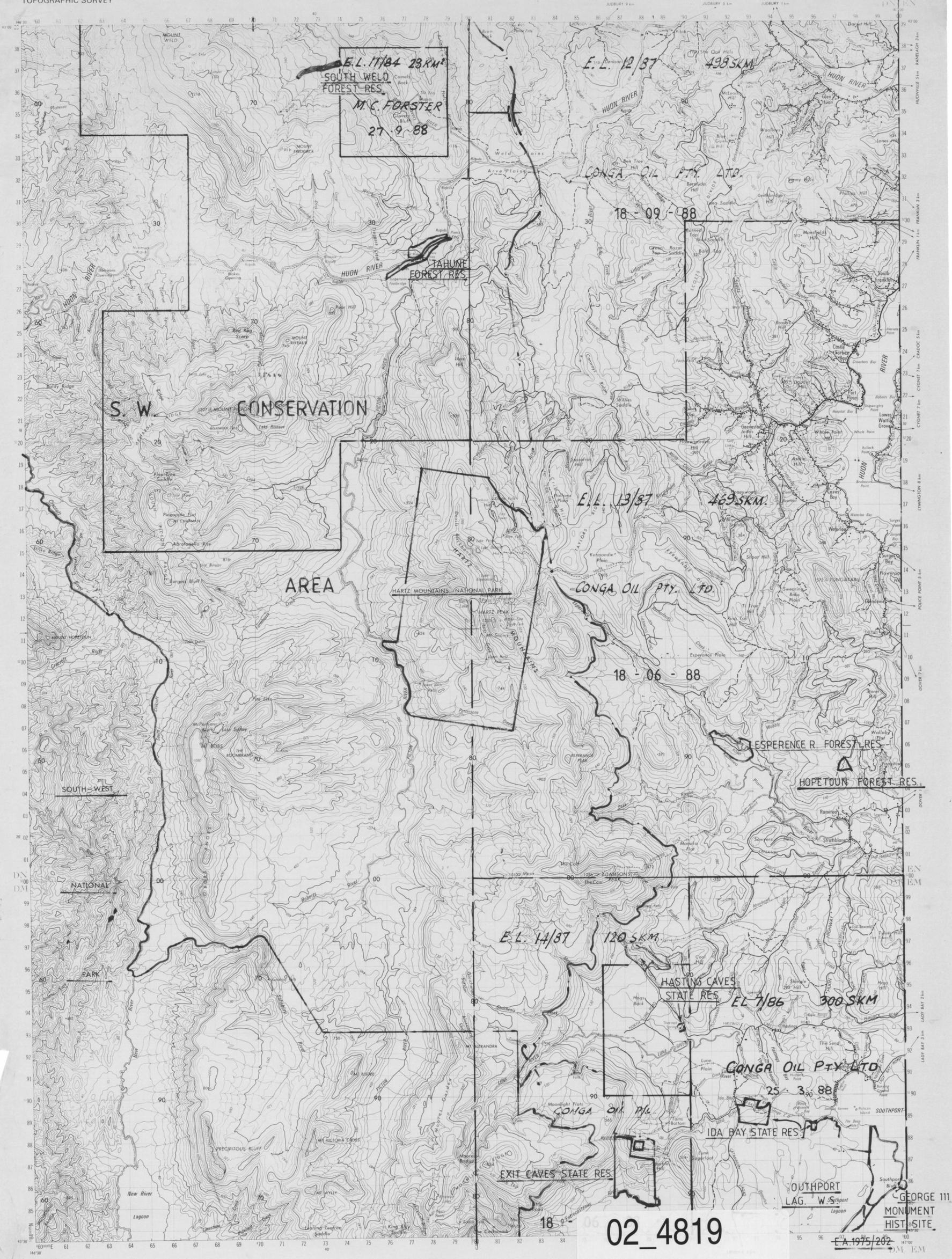
1:100,000

929108

TASMANIA 1:100 000
TOPOGRAPHIC SURVEY

HUON

REFER TO THIS MAP AS SHEET 8211 EDITION 3 1977



PRODUCED BY THE Survey Branch, Lands Department, Hobart 1977
 NOMENCLATURE: Topographic names on this map have been approved by the Nomenclature Board of Tasmania.
 MAP ACCURACY: The average accuracy of this map is ± 25 metres in the horizontal position and ± 5 metres in elevation.
 MAP RELIABILITY: Topographic information shown on this map is correct to 1977.
 ROAD CLASSIFICATION: Roads are classified according to their intended function as part of the national road system.
 The representation of a road or track on this map is to evidence the existence of a right of way.

UNIVERSAL GRID REFERENCE
 BEFORE GIVING A GRID REFERENCE, CIVILIAN USERS
 SHOULD STATE THE NUMBER AND NAME OF THIS MAP
 8211 HUON

GRID ZONE DESIGNATION	TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METRES
100 000 METRE SQUARE IDENTIFICATION	SAMPLE POINT 1226.6, ADAMSON'S PEAK
DN EN	1 Read letters identifying 100 000 metre square in which the point lies
DM EM	2 Locate first VERTICAL grid line to LEFT of point and read LARGE figures labelling the line in either the top or bottom margin, or on the line itself
DM EM	3 Estimate tenths from grid line to point
DM EM	4 Locate first HORIZONTAL grid line BELOW point and read LARGE figures labelling the line in either the left or right margin, or on the line itself
DM EM	5 Estimate tenths from grid line to point
DM EM	SAMPLE REFERENCE: DN857001
DM EM	If reporting beyond 18° in any direction, prefix Grid Zone Designation, ie. 55GN857001

- | | | |
|--|---|---|
| Built-up area, National route marker | Fence, Levee or bank | Lake, perennial; Stream, perennial |
| Principal road and highway; Cutting | Mine, Windmill, Yard, Quarry | Lake, intermittent; Stream, intermittent |
| Secondary road; Embankment | Building's, Church, Ruin, Drive-in theatre | Lake, mainly dry; Stream, mainly dry |
| Minor road; Road bridge | Trig station; Bench mark, Spot elevation | Swamp, perennial, intermittent |
| Vehicular track | Cliff, Contour with value; Depression contour | Land subject to inundation |
| Road distance in kilometres | Forest, dense | Bore or well; Spring; Tank or small dam |
| Railway, multiple track; Station; Railway bridge | Forest, medium | Breakwater, Pier, Wharf |
| Railway, single track; Railway tunnel | Pine plantation | Wreck, exposed; Lighthouse |
| Light railway or tramway | Orchard | Rock, bare or awash; Foreshore flat; Sand |
| Power transmission line | Windbreak | Reef; Rock ledge |

SCALE 1:100000



TASMAP publication



TRUE NORTH, GRID NORTH AND MAGNETIC NORTH ARE SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THE MAP. MAGNETIC NORTH IS CORRECT FOR 1977 AND MOVES EASTWARD BY 0.1° IN ABOUT THREE YEARS.

SHEET 8211
 HUON
 TASMANIA
 EDITION 3 1977
 MERCURY WALTH

02_4819
 Tasmania - Regional Bulk Sampling - Inter-Office
 Memorandum
 CSR Limited
 Ellis, P.D.

929/09



KEY

- Q Quaternary : Alluvium, sand, gravel and talus. Till, fluvioglacial, periglacial and associated deposits.
- Pc Triassic Permian Carboniferous : Fluvio-lacustrine sequences of sandstone, siltstone, mudstone with carbonaceous sequences. Freshwater sequence with some coal measures. Upper glacio-marine sequence of pebbly mudstone, pebbly sandstone and limestone. Freshwater sequence with some coal measures. Lower glacio-marine sequence of pebbly mudstone, pebbly sandstone, minor limestone, talcumite or shale and basal tillite.
- O Ordovician : Limestone sequence. Siliceous terrestrial conglomerate, marine quartz-sandstone and siltstone.
- E Cambrian : Middle-upper Cambrian fossiliferous usually greywacke turbidite sequences.
- pE Precambrian : Comparatively unmetamorphosed sequences. Rutile-sandstone sequences, ortho-quartzite, metabasite, amphibolite, talcumite, calcarenite, dolomite.
- pEm Metamorphic rocks. Pelitic sequences, meta-quartzite sequences with some platy quartzite units.

Igneous Rocks

- Tb Tertiary : Basalt and related rock types.
- C Cretaceous : Gneiss.
- Jdl Jurassic : Diorite and related rock types.
- Eb Cambrian : Serpentine, peridotite, and associated rocks.

- Fault.
- - - Fault - inferred.

02_4819

Tasmania - Regional Bulk Sampling - Inter-Office Memorandum CSR Limited Ellis, P.D.

WEDGE	T YENNA	PERMENT
Q112	Q312	Q312
O1D RIVER	HUON	D'ENTRE-COUSTES
Q111	Q211	Q311
SOUTH CAPE		Q310

CSR LIMITED - AMCD

HUON

8211

SCALE 1:100 000
DRAWN S.D.
DATE 10-85



HUON

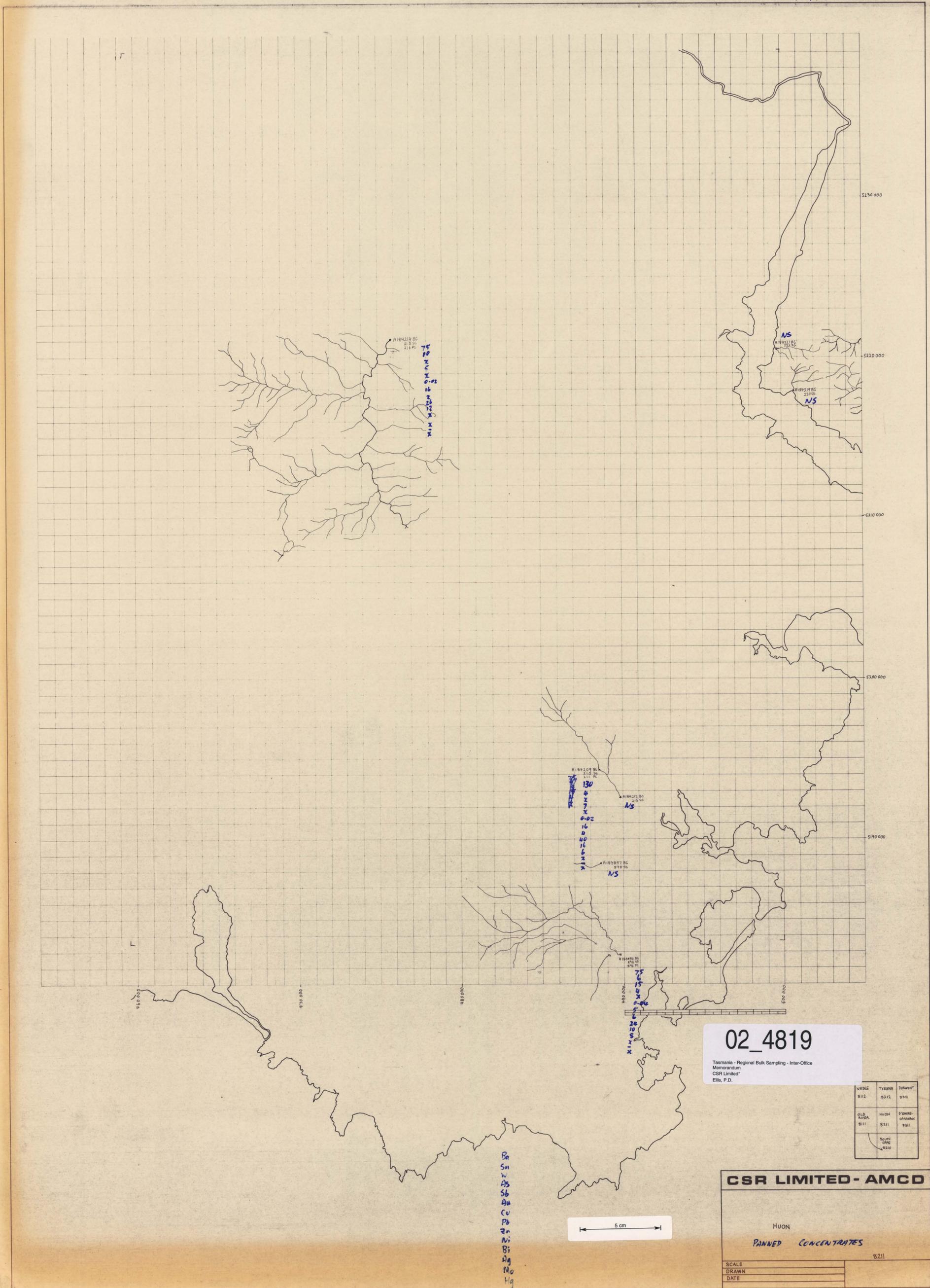
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929110

Panned Concentrates

PANNED CONCENTRATES

HUON



02_4819

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CSR Limited*
Ellis, P.D.

WIDE	TYERRA	DELWENT
\$112	\$212	\$312
OLD	HUON	PANNE-
\$111	\$211	\$311
	Scum	
	\$210	

CSR LIMITED - AMCD

HUON

PANNED CONCENTRATES

8211

SCALE

DRAWN

DATE

Sn
W
As
Sb
Au
Cu
Pb
Zn
Ni
Bi
Hg
Mo
Pb

5 cm

HUON

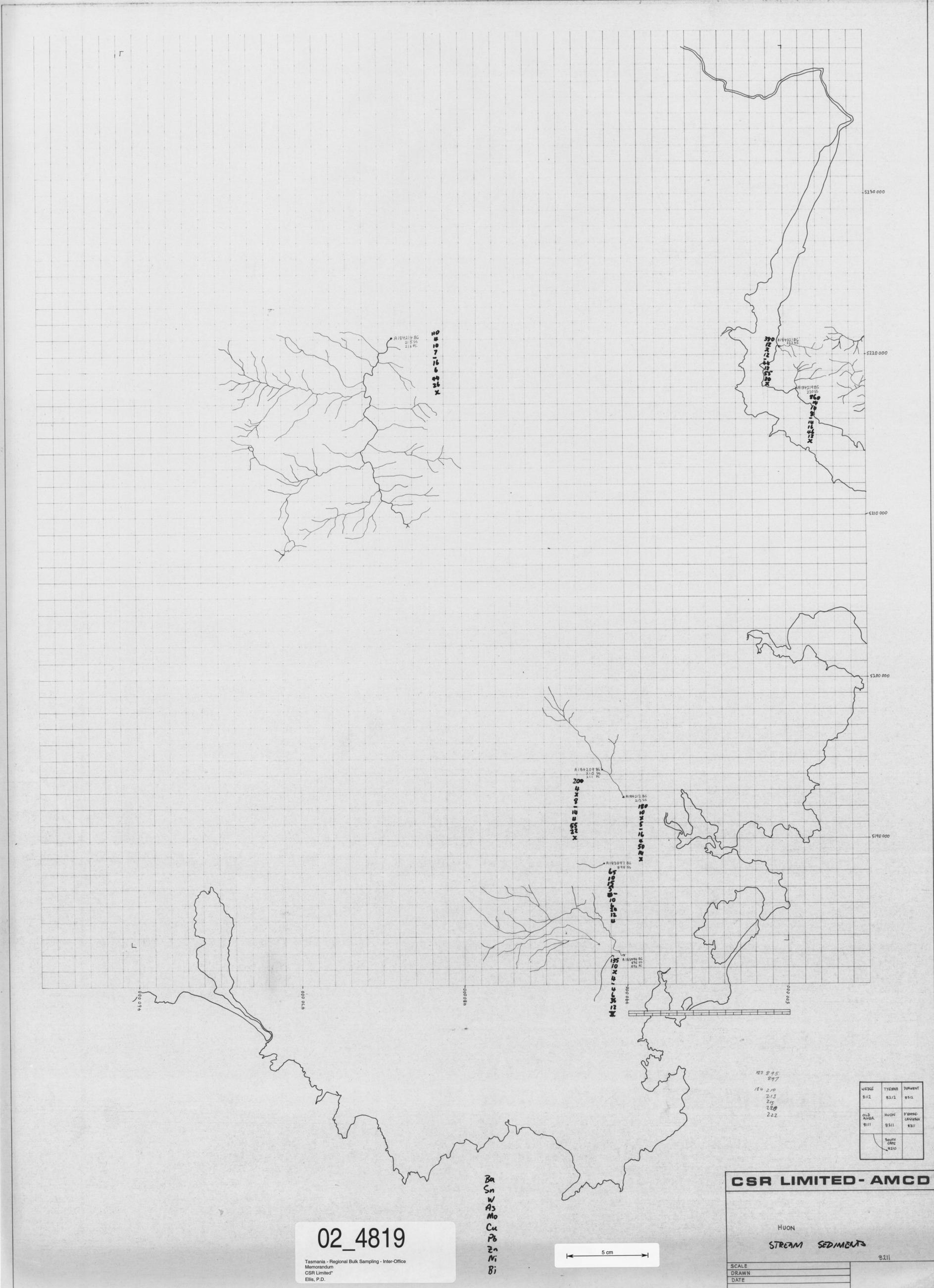
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STREAM
SEDIMENTS

929 III

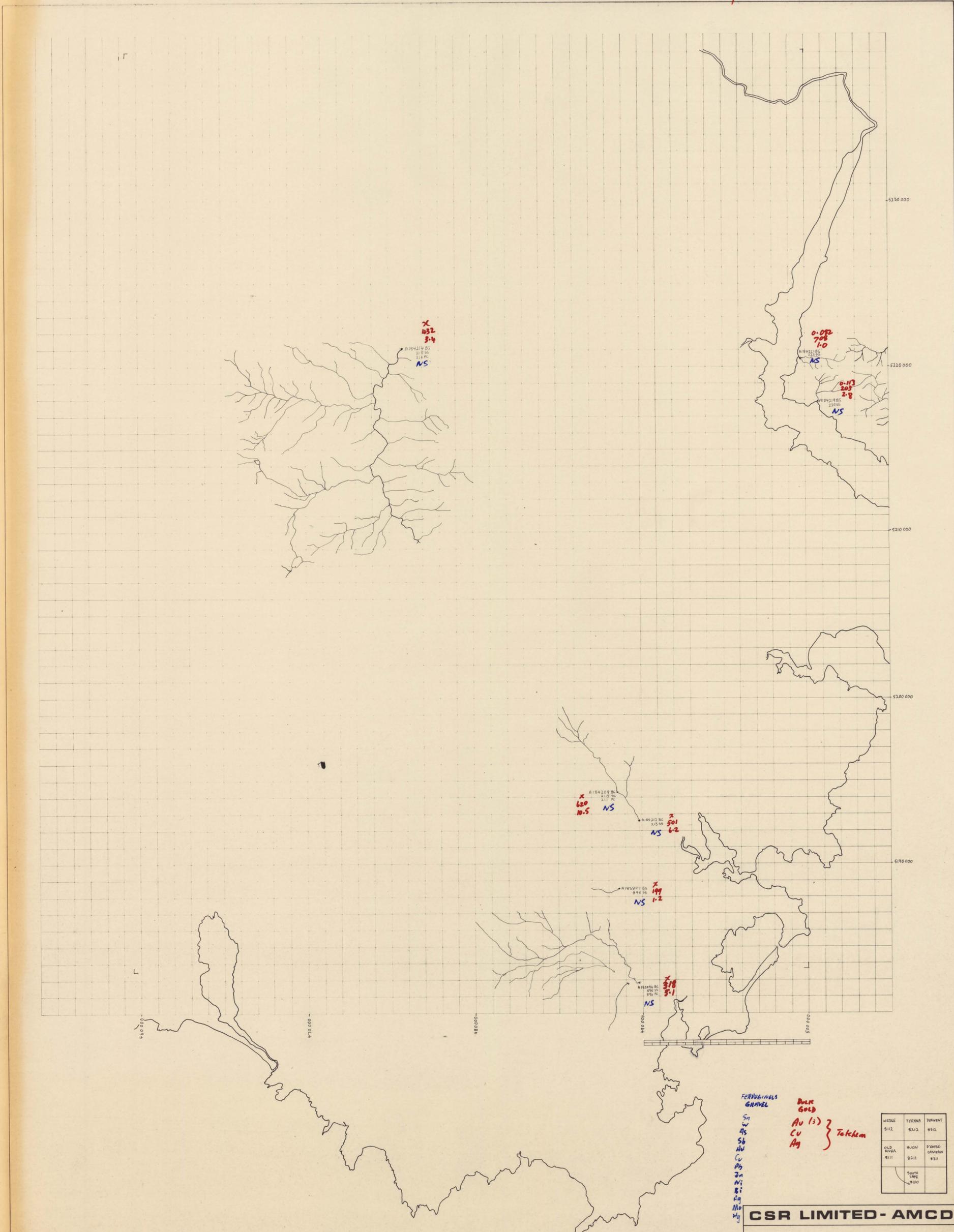
STREAM SEDIMENTS

HUON



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Tasmania - Regional Bulk Sampling - Inter-Office
Memorandum
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HUON
STREAM SEDIMENTS
SCALE
DRAWN
DATE
9211



5 cm

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FERRUGINOUS GRAVEL
Sn
Sb
As
Ni
Bi
Mo
Pb
Zn
Cu
Ag

BULK GOLD
Au (3)

TELLURUM
Te

WEDGE S112 S113 S114	TYERINA S112 S113 S114	DONBERT S112 S113 S114
OLD RANGA S111 S112 S113	HUON S111 S112 S113	D'ERRE-CATHERON S111 S112 S113
	SOUTH CAPE S210	

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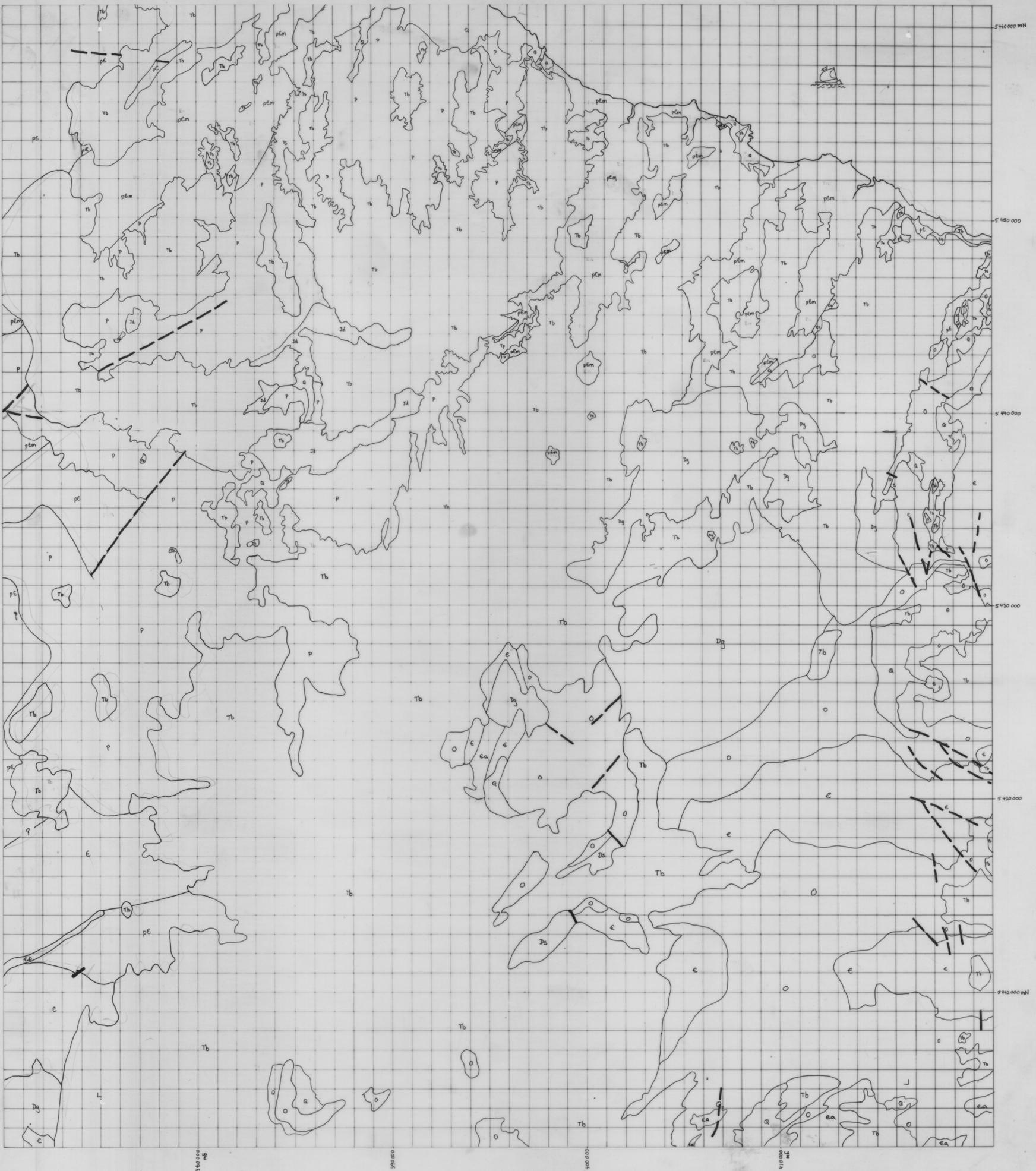
HUON
BULK GOLD / FERRUGINOUS GRAVEL

8211

SCALE	
DRAWN	
DATE	

INGALS

929113



KEY

- Q Quaternary : Landslide material
Alluvium and beach deposits
Gravel and clay
- Ts Tertiary : Sand and gravel, usually beneath Tb
Table Cape Group - marine calcarenite
- P Permian : Flowerdale Sandstone - dominantly coarse sandstone with fossiliferous pebbly sandstone and siltstone at base
Pre-Irma Coal Measures - sandstone with carbonaceous shale and coal seams
Ingals Siltstone - mudstone with fossiliferous siltstone at top and oil shale at base
Wynyard Tuffite - mainly pebbly mudstone, including tuffite with nodules and prominent sandstone beds (Carboniferous)
- Dg-L. Devonian-Silurian : Some quartzite sequences, siltstone-shale, sh. limestone
O Ordovician : Chert and quartzite conglomerate
- E Cambrian : Siliceous siltstone containing haematite ore bodies (Ea)
Rushford Creek Group - siltstone and porphyry
- pE Precambrian : Keith Metamorphics
- Borneo Quartzite and Slate
- Phyllite marginal to metamorphics
- Schistose quartzite
- Rhyolite, and basic schists
- Amphibolite
pE- Rocky Cape Group
- Tascos Orthogneiss
- Inby Siltstone
- Detention Sub-group - mainly orthogneiss
- Cowrie Siltstone

- Igneous Rocks**
- Tb Tertiary : Basalt
 - Tp Tertiary : Pyroclastics
 - Jd Jurassic : Dolerite
 - Dg Devonian : Granite - adamellite
 - Ea Cambrian : Acid with intermediate volcanic and related rocks.
 - Cb Cambrian : Basic-intermediate volcanic.

— Fault



02_4819

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CIRCARR HEAD		
ARTHUR RIVER	INGALS (HELLYER)	FORTH
7915	8015	8115
PREMUN	SOPIHA	MEASEY
7914	8014	8114

CSR LIMITED - AMCD

INGALS (HELLYER)

8015

SCALE 1:100 000
DRAWN B.D.
DATE 7-35

INGLIS
(HELLYER)

1:100,000

STREAM
SEDIMENT

929114

STREAM SEDIMENT INGLIS



02_4819

Tasmania - Regional Bulk Sampling - Inter-Office
Memorandum
CSR Limited
Ellis, P.D.

5 cm

Sr
As
Mo
Co
Pb
Zn
Ni
Bi

CELLS			
HEAD			
7916			
INTRK	INGLIS	FORTH	
RIVER	(HELLYER)		
7915	92915	8115	
REGRN	52908	80567	
7914	82016		

CSR LIMITED - AMCD

INGLIS (HELLYER)

STREAM SEDIMENT

9215

SCALE
DRAWN
DATE

929115



5 cm

02_4819

Tasmania - Regional Bulk Sampling - Inter-Office
Memorandum
CSR Limited
Ellis, P.D.

ORVILLE MAY 7916		
ARTHUR KUMER 7915	INGLIS (HELLYER) 929115	FORTH
RICHARD BOLLE 7914	SOPHIA HEGSEY	

CSR LIMITED - AMCD

INGLIS (HELLYER)

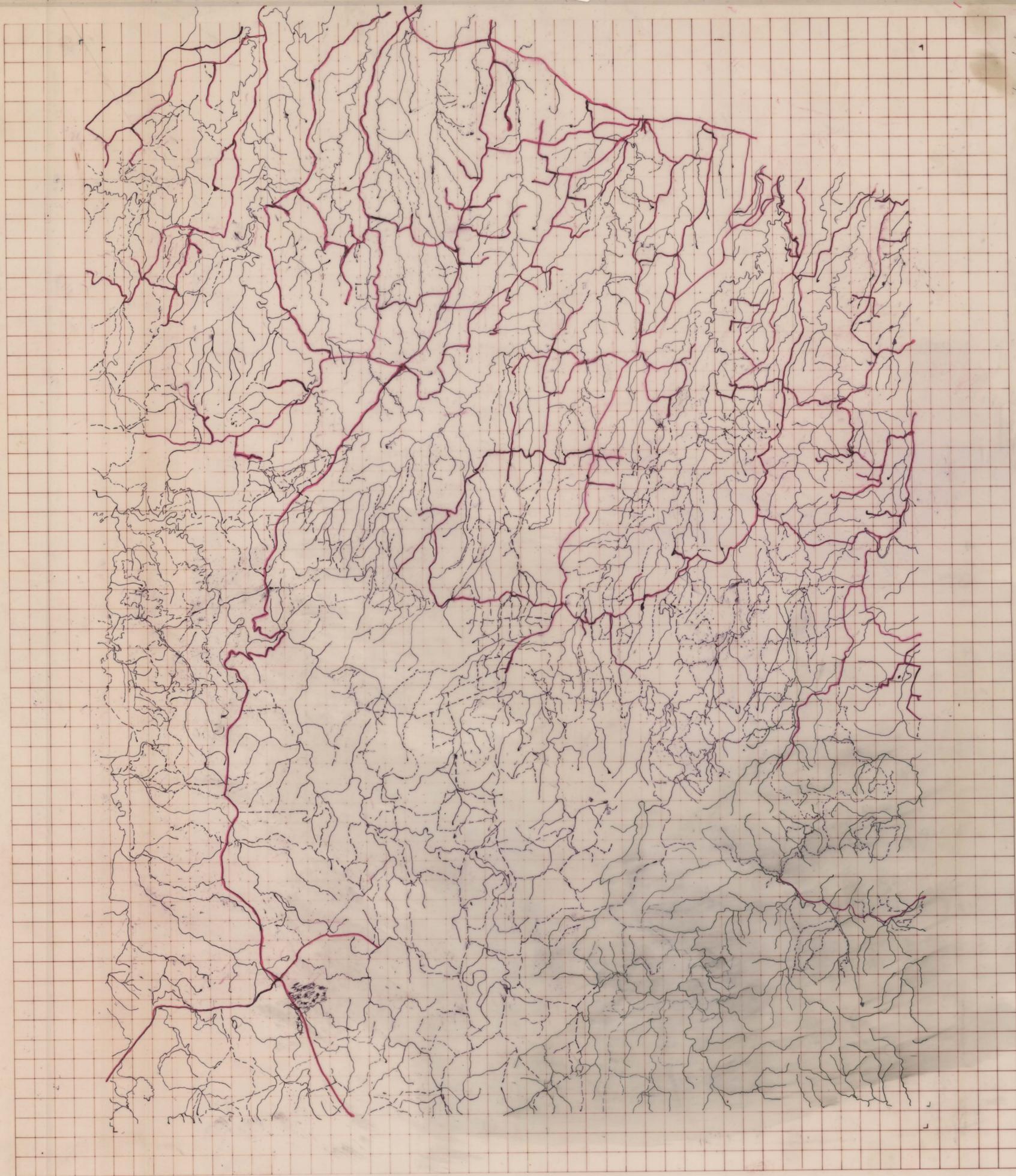
9015

SCALE	
DRAWN	
DATE	

INGLIS

1:100,000

929117



Handwritten notes and markings on the right margin, including a vertical line and some illegible scribbles.

5 cm

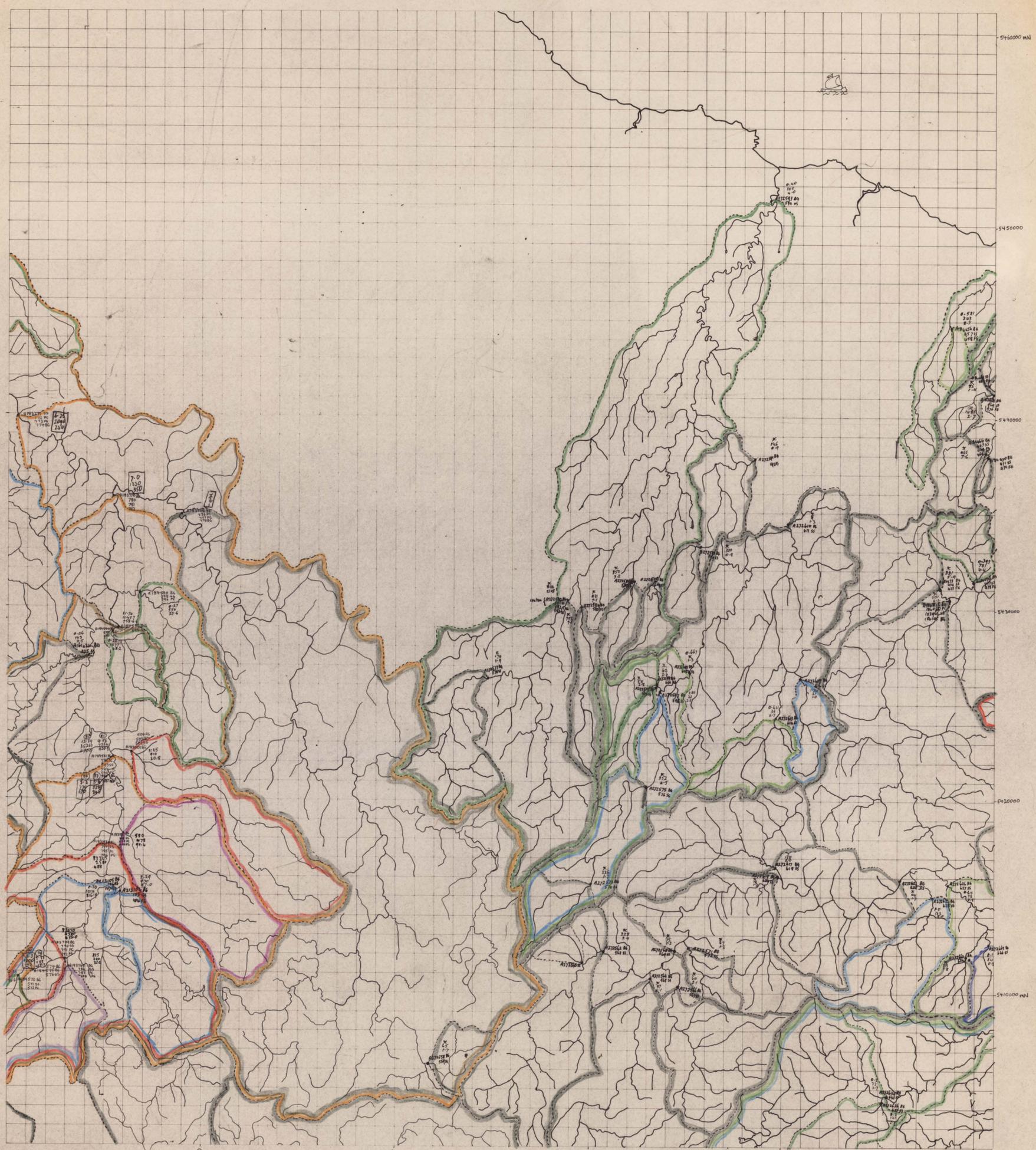
02_4819
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Memorandum
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INGLIS

SCALE
DRAWN
DATE

929118

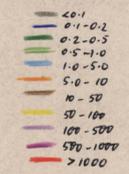
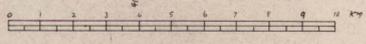


STREAM SEDIMENT

Sample ID	Cu	Pb	Zn	Bi	Mn	Sr	As	Se	W	Ag	Au	Hg
A161625	16	8	10	X	115	X	X	X	X	X	X	X
A183771	107	260	1300	80	26	-	510	1700	25	-	-	-
772	20	18	190	16	61	-	9	510	25	-	-	-
782	20	35	135	70	82	-	11	86	X	X	X	X
790	280	890	1592	21	30	-	8700	830	-	-	-	-
798	210	550	1000	28	68	-	920	820	-	-	-	-
799	28	16	115	10	45	-	9	70	X	X	X	X
845	29	19	190	16	180	-	1	70	X	X	X	X
944	60	23	130	16	165	-	36	18	X	X	X	X
A116457	75	105	800	10	115	-	20	14	X	X	X	X
845	2	2	2	2	2	-	2	2	X	X	X	X
847	26	10	190	16	115	-	10	10	X	X	X	X
871	26	10	190	16	115	-	10	10	X	X	X	X
874	26	10	190	16	115	-	10	10	X	X	X	X
877	26	10	190	16	115	-	10	10	X	X	X	X
882	16	10	120	14	120	-	10	10	X	X	X	X
871	85	85	300	X	120	-	80	70	X	X	X	X
876	80	80	300	X	120	-	80	70	X	X	X	X
883	80	80	300	X	120	-	80	70	X	X	X	X
888	80	80	300	X	120	-	80	70	X	X	X	X
893	80	80	300	X	120	-	80	70	X	X	X	X
895	16	10	120	14	120	-	10	10	X	X	X	X
A213103	115	115	115	115	115	-	115	115	X	X	X	X
106	80	80	300	X	120	-	80	70	X	X	X	X
A212554	18	18	18	18	18	-	18	18	X	X	X	X
560	2	2	2	2	2	-	2	2	X	X	X	X
563	16	16	16	16	16	-	16	16	X	X	X	X
564	16	16	16	16	16	-	16	16	X	X	X	X
567	16	16	16	16	16	-	16	16	X	X	X	X
572	16	16	16	16	16	-	16	16	X	X	X	X
574	16	16	16	16	16	-	16	16	X	X	X	X
576	16	16	16	16	16	-	16	16	X	X	X	X
578	16	16	16	16	16	-	16	16	X	X	X	X
581	16	16	16	16	16	-	16	16	X	X	X	X
583	16	16	16	16	16	-	16	16	X	X	X	X
585	16	16	16	16	16	-	16	16	X	X	X	X
587	16	16	16	16	16	-	16	16	X	X	X	X
590	16	16	16	16	16	-	16	16	X	X	X	X
592	16	16	16	16	16	-	16	16	X	X	X	X
594	16	16	16	16	16	-	16	16	X	X	X	X
596	16	16	16	16	16	-	16	16	X	X	X	X
598	16	16	16	16	16	-	16	16	X	X	X	X
600	16	16	16	16	16	-	16	16	X	X	X	X
602	16	16	16	16	16	-	16	16	X	X	X	X
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611	16	16	16	16	16	-	16	16	X	X	X	X

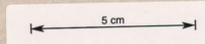
STREAM SEDIMENT

Sample ID	Cu	Pb	Zn	Bi	Mn	Sr	As	Se	W	Ag	Au	Hg
A272614	9	16	16	12	16	100	8	7	X	X	X	X
814	14	16	16	12	16	100	8	7	X	X	X	X
820	10	8	26	8	30	85	8	6	X	X	X	X
822	10	8	26	8	30	85	8	6	X	X	X	X
825	7	26	100	16	85	210	6	7	6	10	X	X
827	22	20	100	16	85	210	6	7	6	10	X	X
829	14	26	70	19	85	110	26	7	6	10	X	X
830	16	28	80	20	75	230	10	6	6	X	X	X
831	16	49	90	22	60	260	X	7	6	X	X	X
846	20	28	100	20	100	200	6	9	6	X	X	X



CIRCULAR		
HEAD		
TRAIL		
ANTHRA	INGLES	FORTH
RIVER	(HELLYER)	
7915	8015	8115
PEEMAN	SOPIA	MEASEY
7919	8019	8119

02_4819
Tasmania - Regional Bulk Sampling - Inter-Office
Memorandum
CSR Limited
Ellis, P.D.



BULK GOLD
0.3 Au } ppb TETRAH
1.1 Cu }
2.5 Ag }

83 Au } ppb
1.1 Cu }
1.1 Ag }

CSR LIMITED - AMCD

INGLIS (HELLYER)

SCALE 1:100,000
DRAWN S.D. P.P.C.
DATE 7.95 23/9/95

8015

INGLIS

1:100,000

LAND TENURE

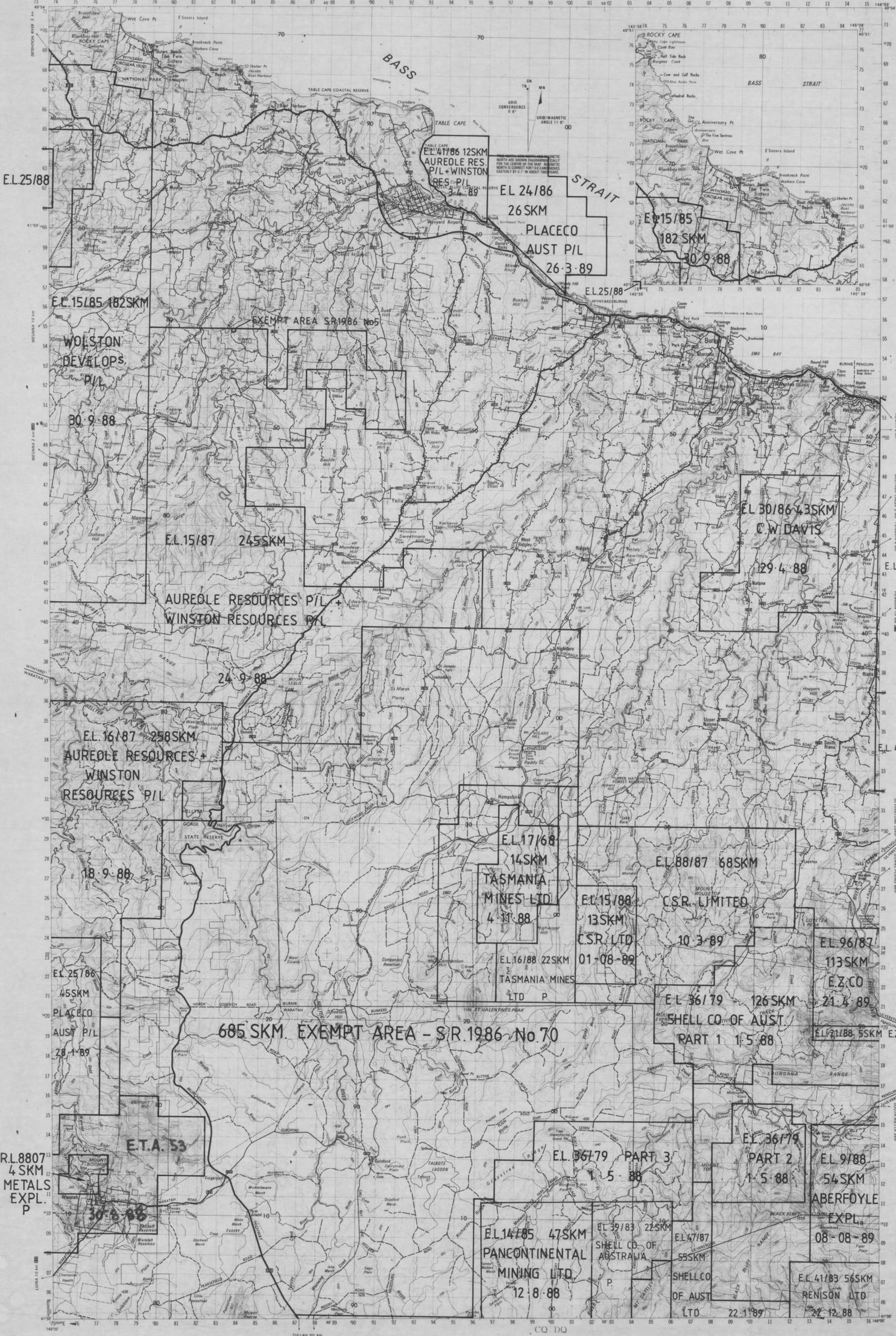
929121

TASMANIA 1:100 000 TOPOGRAPHIC BASE EDITION 3 1983

INGLIS LAND TENURE INDEX SERIES

REFER TO THIS MAP AS: LTIS SHEET 8015 EDITION 1 1983

SCALE 1:100 000



BLACK NUMBERS GRID LINES ARE 1000 METRE INTERVALS OF THE AUSTRALIAN MAP GRID, ZONE 54. GRID VALUES ARE SHOWN IN FULL ONLY AT THE SOUTH WEST CORNER OF THE MAP. VERTICAL DATUM FOR TASMANIAN MAINLAND AUSTRALIAN HEIGHT DATUM (TASMANIAN). VERTICAL DATUM FOR OFF SHORE ISLANDS MEAN SEA LEVEL. HORIZONTAL DATUM AUSTRALIAN GEODESIC DATUM 1983. UNIVERSAL TRANSVERSE MERCATOR PROJECTION. CONTOUR INTERVAL 20 METRES. ELEVATIONS IN METRES.

PROCESSED BY THE Mapping Division, Lands Department, Hobart, 1983. NOMENCLATURE: Topographic names on this map have been approved by the Nomenclature Board of Tasmania. MAP ACCURACY: The average accuracy of this map is 25 metres in the horizontal plane and 10 metres in the vertical plane. This map is based on the 1:50,000 Public Right of Way. Roads or tracks on this map do not necessarily indicate a public right of way. CONDITIONS: To assist in correcting future editions of this map, users requiring more and more accurate information should refer to the Director of Mapping, GPO Box 444, Hobart, Tasmania, 7001.

UNIVERSAL GRID REFERENCE BEFORE GIVING A GRID REFERENCE, CIVILIAN USERS SHOULD STATE THE NUMBER AND NAME OF THIS MAP: 8015 INGLIS

GRID ZONE DESIGNATION	TO OBTAIN A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METRES
54 S	SAMPLE POINT 1700 = ST. VALENTINE'S PEAK
00 00	1 Read letters identifying 100 000 metre square in which the point lies. (CO)
	2 Locate first FORTY (40) metres of east and read LAST TWO figures (starting from the top left) of the 100 metre square or on the line itself. (00)
	3 Estimate within the grid line to point. (8)
	4 Locate first METRE (1000) and first 50000 metre and read LAST TWO figures (starting from the top left) of the 100 metre square. (20)
	5 Estimate within the grid line to point. (2)
	SAMPLE REFERENCE: CO859202
	If reporting beyond 10' in any direction, length will give Zone Designation = UTM CO8592027

LAND TENURE INDEX INFORMATION has been compiled by the Lands Department with assistance from the Forestry Commission. Land tenure is current to 1983. Due to limitations of scale, some land parcels are not shown. The inclusion of a particular land parcel does not imply that it is a public right of way. Boundaries of a particular land parcel are not necessarily shown. Boundaries of a particular land parcel are not necessarily shown. Boundaries of a particular land parcel are not necessarily shown.

Private Freehold Land	State Forest with Forest Reserve
Forestry Commission - Forest Reserve	Forest Reserve
Lands Department - Crown Reserve	Leased or Uncommenced Crown Land
National Parks & Wildlife Service - State Reserve, etc.	N.P.W.S. administered Conservation Area
Hydro Electric Commission	Commonwealth administered
Proclaimed Town or Municipality boundary	Boundary location uncertain or indefinite
Conservation Area boundary	Conservation Area boundary
Build-up area, National route marker	Other road, Route number
Roads maintained for continuous public use	Primary road, Route number
	Secondary road, Route number
	Minor road, Route number
Roads of restricted use or access	Other road, Route
Walking track	Vehicle track, Gate
Railway, Tunnel, Station, Bridge	Light railway or tramway
Power transmission line	Levee or bank, Landmark area
Landmark object, Quarry, Mine	Building's, Church, Ruin, Drive in theatre
Triangulation, Spot elevation	Contour, Contour with value, Depression contour
Lake perennial, Stream perennial	Lake intermittent, Stream intermittent
Swamp perennial, intermittent	Land subject to inundation
Dam or weir, Spring, Tank or small dam	Breakwater, Pier, Wharf
Wharf, expanded, lightship	Rock, bare or washed, Foreshore flat
Reef, Rock ledge	

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1:100 000 LTIS MAP SHEET INDEX

INGLIS	8015	8016	8017	8018	8019	8020
8015	8016	8017	8018	8019	8020	8021
8021	8022	8023	8024	8025	8026	8027
8028	8029	8030	8031	8032	8033	8034
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8287	8288	8289	8290	8291	8292	8293
8294	8295	8296	8297	8298	8299	8300

INGLIS Area Covered Includes: Wynyard, Waratah, Burnie, Black Bluff

TASMANIA 1:100 000 TOPOGRAPHIC MAP LAND TENURE INDEX SERIES Edition 1

02_4819

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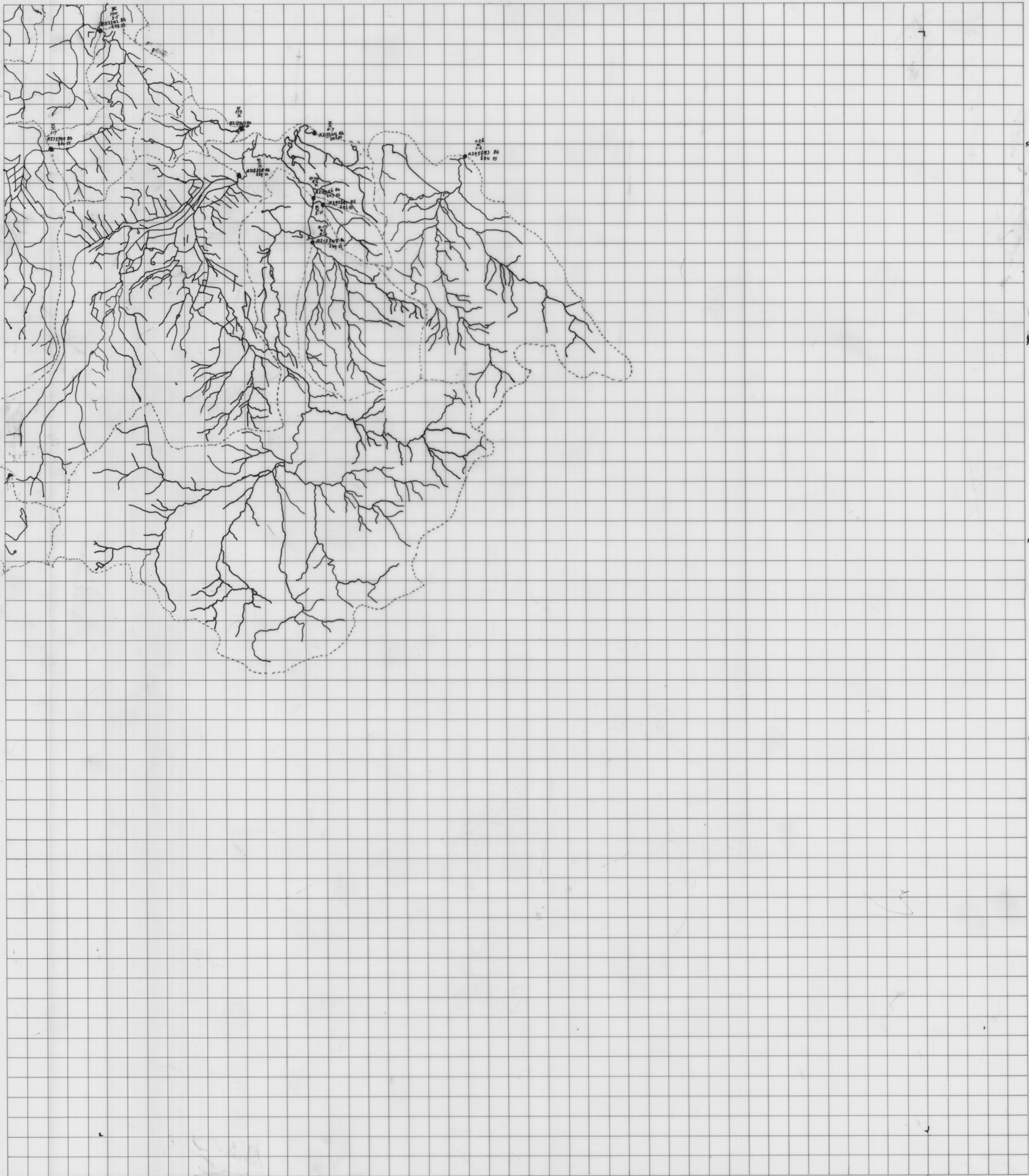
MEANDER

1: 100,000

SAMPLES

929122

MEANDER



549000 N
548000 N
547000 N
546000 N
545000 N
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STREAM SECTIONS

Station	W	D	V	S	T	S	L	A	P
A23234	8	6	14	18	270	5	4	X	X
241	10	8	26	34	80	8	8	X	1
243	12	10	35	32	250	8	8	X	X
245	10	6	36	10	19	230	8	8	X
247	16	4	50	10	24	240	8	8	X
249	7	4	18	12	10	310	8	8	X
A274 900	10	8	40	14	22	190	8	8	X
A245 642	6	6	7	4	10	70	6	6	X
684	4	4	26	14	14	200	6	6	X



BULK GOLD
0.4 Au } ppb
55 Cu }
01 Ag } TETHEM

FOUR	TEN	FIFTY
HUNDRED	THOUSAND	ONE HUNDRED THOUSAND
ONE MILLION	TEN MILLION	ONE HUNDRED MILLION



02_4819
Tasmania - Regional Bulk Sampling - Inter-Office
Memorandum
CSR Limited
Ellis, P.D.

CSR LIMITED - AMCD

MEANDER

SCALE 1: 100,000
DRAWN P.D.
DATE 11/8/89

MEANDER

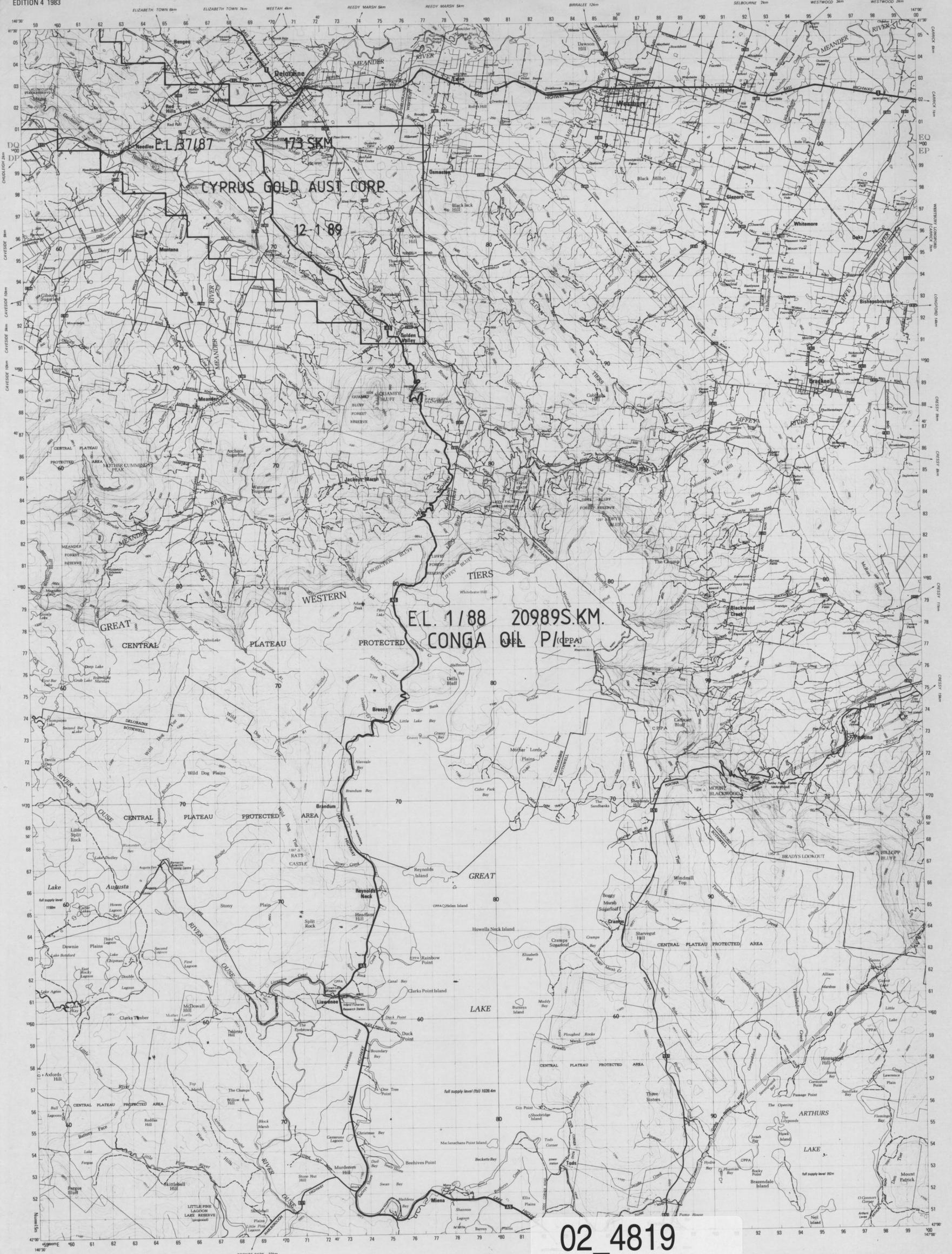
929123

1:100,000 LAND TENURE

TASMANIA 1:100 000 TOPOGRAPHIC BASE
EDITION 4 1983

MEANDER

REFER TO THIS MAP AS LTIS SHEET 8214 EDITION 2 1983



02_4819

PRODUCTION: Mapping Division, Lands Department, Hobart, 1983
ACCURACY: Horizontal: 90% of topographic detail is within 50 metres of true position. Vertical: 90% of elevations are within 10 metres. These accuracies may not be achieved in areas of dense vegetation.
RELIABILITY: Topographic detail compiled from aerial photography flown 1982 with field verification 1983.
NOMENCLATURE: Topographic names have been approved by the Nomenclature Board of Tasmania.
PUBLIC RIGHT OF WAY: Roads and tracks on this map do not necessarily indicate a public right of way.

PROJECTION: Universal Transverse Mercator (UTM)
HORIZONTAL DATUM: Australian Geodesic Datum 1966
VERTICAL DATUM: Australian Height Datum (Tasmania) excepting offshore islands whose datum is mean sea level.
GRID: 1000 metre intervals of the Universal Transverse Mercator Grid, Zone 55 Australian Map Grid, Australian National Spheroid. Grid values are shown in full at the south west corner of the map.

CONTOUR INTERVAL: 20 metres with 100 metre index contours.

WORLD GEODETIC SYSTEM 1972: To convert co-ordinates from this system to Australian Geodesic Datum 1966, on which this map is based, increase the value of latitudes by 5.2", equivalent to 163 metres, and decrease the value of longitudes by 14.4", equivalent to 112 metres. To obtain heights increase sea level heights by 1 metre.

**LAND TENURE INDEX SERIES
SHEET 8214 EDITION 2, 1983
MEANDER**

© TASMANIAN GOVERNMENT, 1983

MAGNETIC VARIATION: True, Grid and Magnetic North are shown diagrammatically for the centre of this map. Magnetic north is correct for 1983 and moves easterly about 1.1" every two years.

UNIVERSAL GRID REFERENCE

GRID ZONE DESIGNATION: 55Q DP
 100 000 METRE SQUARE IDENTIFICATION

To give a standard reference to the nearest 100 metres

1. State name and number of this map
2. Locate first VERTICAL grid line to the left of point and read easting figures only in either the top or bottom margin e.g. 74 71
3. Estimate tenths from grid line to point e.g. 8
4. Locate first HORIZONTAL grid line below the point and read northing figures only in either the left or right margin e.g. 88
5. Estimate tenths from grid line to point e.g. 7

SAMPLE POINT: A QUAMBY RELIEF 147886
 To give full grid reference, prefix with Grid Zone Designation and 100 000 metre square identification letters e.g. 55QDP147886

SCALE 1:100 000

1 centimetre represents 1 kilometre

Contours with values: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000

Other roads: Bridge

Walking track
 Railway, Tunnel, Bridge
 Light railway or tramway
 Power transmission line
 Levee or bank, Landmark area
 Landmark object, Quarry, mine or gravel pit
 Building, Run
 Trig station beacon

Contour with value: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000

Contour with value: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000

Contour with value: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120, 130, 140, 150, 160, 170, 180, 190, 200, 210, 220, 230, 240, 250, 260, 270, 280, 290, 300, 310, 320, 330, 340, 350, 360, 370, 380, 390, 400, 410, 420, 430, 440, 450, 460, 470, 480, 490, 500, 510, 520, 530, 540, 550, 560, 570, 580, 590, 600, 610, 620, 630, 640, 650, 660, 670, 680, 690, 700, 710, 720, 730, 740, 750, 760, 770, 780, 790, 800, 810, 820, 830, 840, 850, 860, 870, 880, 890, 900, 910, 920, 930, 940, 950, 960, 970, 980, 990, 1000

Tasmania - Regional Bulk Sampling - Inter-Office Memorandum
CSR Limited
Ellis, P.D.

MEAN TEMPERATURE
 MEAN RAINFALL

Station: PALMERSTON(PATRAN) elevation 178m
 Rainfall: 1000mm
 Temperature: 12°C
 To give full grid reference, prefix with Grid Zone Designation and 100 000 metre square identification letters e.g. 55QDP147886

EXPLANATION OF LAND TENURE DIVISIONS

FORESTRY COMMISSION
 STATE FOREST: Areas for timber production and protection, and for recreation. Many areas are open to the public, with some restrictions on hunting, fires and camping that apply to the public. Some areas are reserved for the Forestry Commission.
 FOREST RESERVE: State forest areas, managed by the Forestry Commission, which are reserved for timber production and protection, and for recreation.
 TIMBER RESERVE: Areas of production forestry, managed by the Forestry Commission with similar restrictions as those in State Forest.

LANDS DEPARTMENT
 LAND RECREATION AREA: Areas managed to provide for community recreation, with some restrictions on hunting, fires and camping that apply to the public.
 ADMINISTRATIVE RESERVE: Unreserved areas such as quarry, school, water, set aside for use by government departments.
 NON-ALLOCATED LAND: Much of which is reserved for mining or agricultural uses.

NATIONAL PARKS AND WILDLIFE SERVICE
 STATE RESERVE ETC: Essentially for the conservation of the natural environment, with some provisions made for recreation. Areas of historic significance as terms of European exploration or settlement, also areas containing relics of Aboriginality are shown. In some areas provision is made for particular forms of hunting and the maintenance of game populations.
 N.P.A.'S CONSERVATION AREAS: Areas under the Services management that protect wildlife and their habitat, and provide for recreation.

OTHER CONSERVATION AREAS
 Areas under joint management with another land owner, that protect wildlife and their habitat, and may provide for recreation.

HYDRO ELECTRIC COMMISSION
 WEIR: Reservoirs and other structures for aquatic activities. Some land areas are not available for recreation during the construction of dams and associated works.

COMMONWEALTH ADMINISTRATION
 QUARANTINE RESERVE: Quarantine Stations and land required for communication purposes.

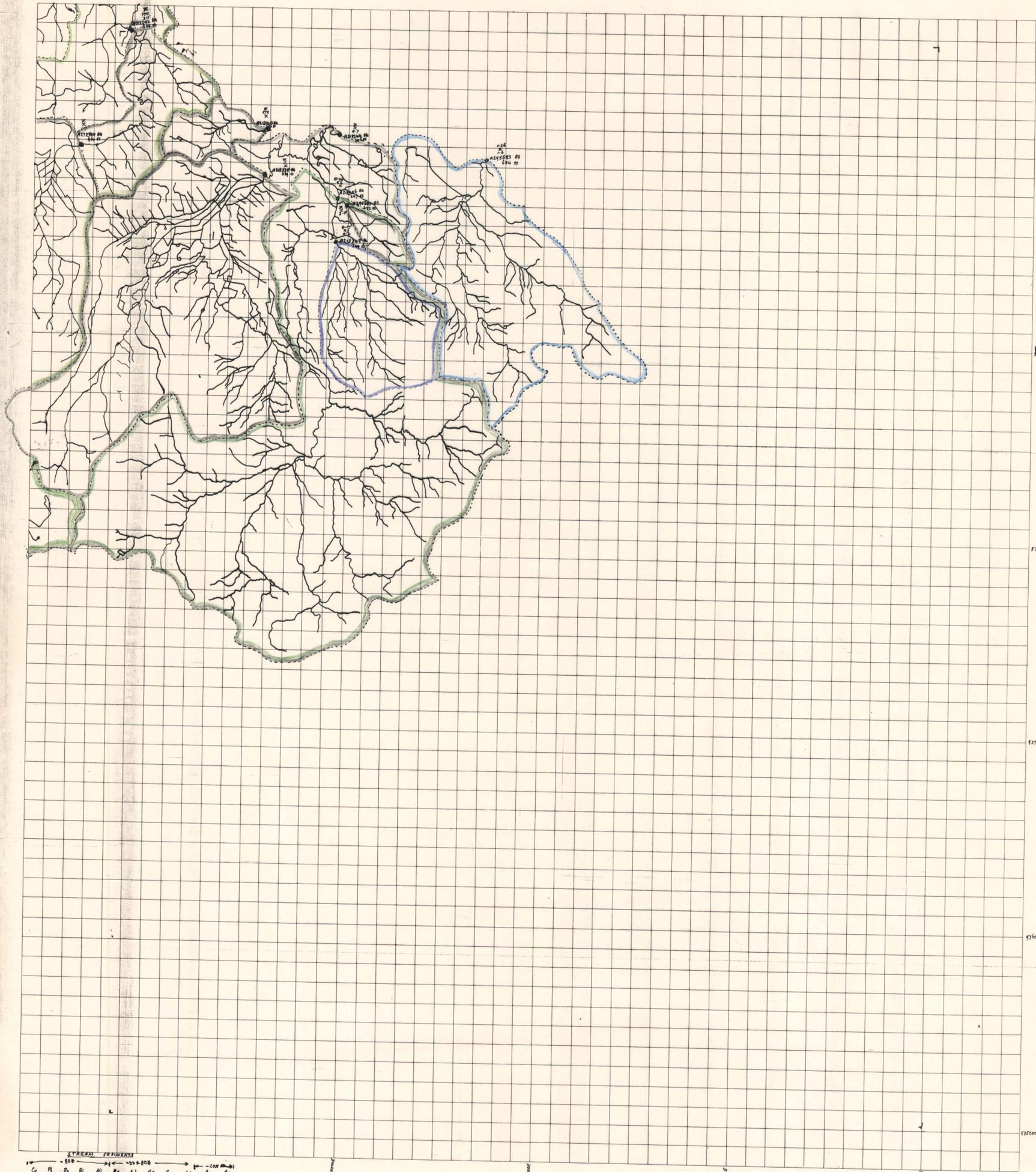
COUNCIL RESERVE
 Generally small areas of land owned by the Warden and Electors of a municipality and set aside for a particular use by the public.

CONSERVATION AREA BOUNDARY

5 cm

929124

MEANDER



STREAMS PRESENT

Stream ID	W	D	W	D	W	D	W	D	W	D	W	D
A212334	8	6	26	6	19	270	X	5	W	X	X	-
261	10	8	14	2	24	80	8	8	8	X	1	-
263	12	10	55	8	32	200	X	4	4	X	X	-
265	10	6	36	10	19	230	8	6	4	X	X	-
267	16	6	50	10	26	260	8	6	4	X	X	-
269	7	4	18	12	10	310	X	8	6	X	X	-
A272 900	10	8	40	16	22	190	X	8	8	X	X	-
A285 682	6	6	7	12	10	140	6	6	4	X	10	X
684	9	6	26	10	18	200	6	6	6	X	X	-



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- 0.2 - 0.5
- 0.5 - 1.0
- 1.0 - 5.0
- 5.0 - 10
- 10 - 50
- 50 - 100
- 100 - 500
- 500 - 1000
- >1000

FORTH	TAMAR	PURAS (ST. PATERICK)
MURRAY	MICHOVER	SOUTH BRK.
NIVE	SWANSON	CAMP SHARCK

5 cm

02_4819

Tasmania - Regional Bulk Sampling - Inter-Office Memorandum
CSR Limited
Ellis, P.D.

BULK GOLD
0.4 Au } 776 TETCHER
56 Cu
0.1 Ag

CSR LIMITED - AMCD

MEANDER

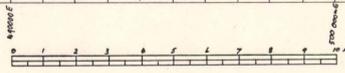
SCALE	1:100,000
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DATE	11/8/89

929125

MEANDER



No.	STREAM SEGMENTS									
	Ca	Pa	Bi	Al	Fe	Si	Li	Ag	As	Other
A212239	8	6	26	6	19	270	X	5	4	X
241	10	8	26	X	30	80	8	8	X	X
243	12	10	35	8	32	200	X	8	X	X
245	10	6	35	10	19	200	8	8	X	X
247	16	4	10	10	24	260	8	8	X	X
249	7	4	18	12	10	310	X	8	X	X
A275 900	10	8	40	10	22	190	X	5	X	X
A295 672	6	6	7	4	10	70	6	6	X	X
684	4	4	26	10	18	200	8	6	X	X



- 0.1
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- 0.2 - 0.5
- 0.5 - 1.0
- 1.0 - 5.0
- 5.0 - 10
- 10 - 50
- 50 - 100
- 100 - 500
- 500 - 1000
- >1000

FOUR	TAMAR	PIPERAS (ET PARKS)
MURPHY	MEANDER	SOUTH EAK
WIFE	SANDHILL	LAKE DORRILL

BULK GOLD
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 Yb }
 Lu }

5 cm

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 Memorandum
 CSR Limited
 Ellis, P.D.

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MEANDER

SCALE	1:100,000
DRAWN	P.D.
DATE	11/9/88

MERSEY

LAND TENURE 1:100,000

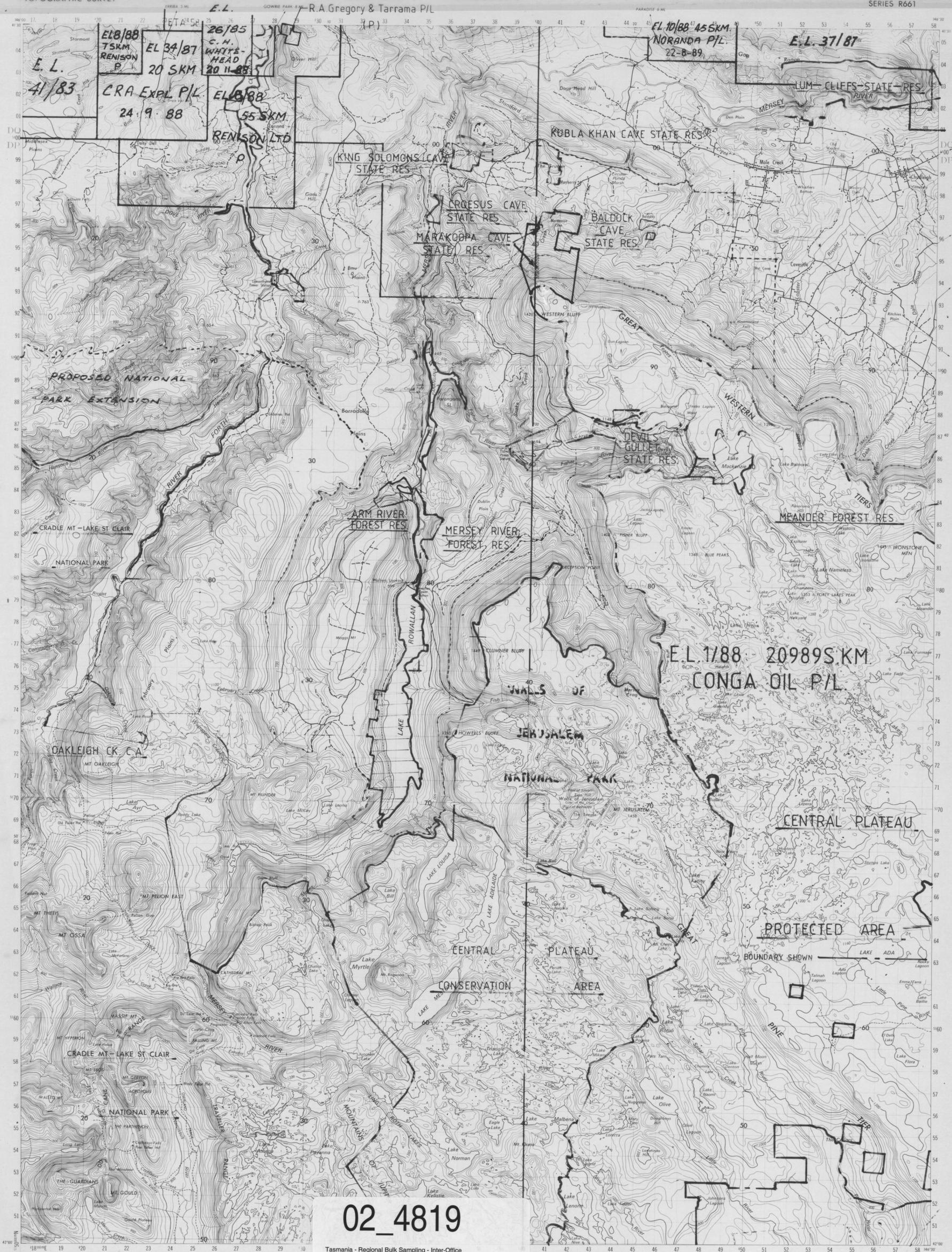
929127

AUSTRALIA 1:100,000
TOPOGRAPHIC SURVEY

EL 38/88 1SKM
R.A Gregory & Tarrama P/L

MERSEY

SEEK TO THIS MAP SHEET 8114 (EDITION 1)
SERIES R661



CONVERSION TABLE

1	= 3.28
2	= 6.56
3	= 9.84
4	= 13.12
5	= 16.40
6	= 19.68
7	= 22.96
8	= 26.24
9	= 29.52

1 FOOT = 0.3048 METRES

02_4819

Tasmania - Regional Bulk Sampling - Inter-Office Memorandum
CSR Limited
Ellis, P.D.

LAND VESTED IN THE H.E.C. SHOWN
EDITION 1-DNM
SERIES R 661

HORIZONTAL DATUM: AUSTRALIAN GEODETIC DATUM 1966



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MAP ACCURACY: the average accuracy of this map is ±25 metres in the horizontal position of well defined detail and ±5 metres in elevation.

MAP RELIABILITY: Topographic information shown on this map is correct to 1970 ROAD CLASSIFICATION: Roads are classified according to their intended function as part of the national road system. Classification of road surfaces will be shown on larger scale series when published.

BLACK NUMBERED GRID LINES ARE 1,000 METRE INTERVALS OF THE AUSTRALIAN MAP GRID ZONE 55
GRID VALUES ARE SHOWN IN FULL ONLY AT THE SOUTH WEST CORNER OF THE MAP

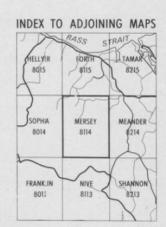
CROWN COPYRIGHT RESERVED



UNIVERSAL GRID REFERENCE

GRID ZONE DESIGNATION: 55G	TO ONE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METRES
100,000 METRE SQUARE IDENTIFICATION	SAMPLE POINT: 1449 Δ CUMMER BLUFF
1000 00	1 Read lateral identifying 100,000 metre square in which the point lies.
DP	2 Locate first VERTICAL grid line to left of point and read LARGE figure labelling the line in either the top or bottom margin, or on the line itself.
37	3 Estimate tenths from grid line to point.
9	4 Locate first HORIZONTAL grid line BELOW point and read LARGE figure labelling the line in either the left or right margin, or on the line itself.
76	5 Estimate tenths from grid line to point.
9	SAMPLE REFERENCE: 09379769
118 00	IF reporting beyond 10' in any direction prefix Grid Zone Designation, as: 55GDP9769

CONTOUR INTERVAL 20 METRES
ELEVATIONS IN METRES
VERTICAL DATUM: MEAN SEA LEVEL



- Built-up area, National route marker
- Principal road and highway, Cutting
- Secondary road, Embankment
- Road under construction
- Minor road
- Vehicular track
- Bridge, road; Bridge railway; Tunnel railway
- Gate; Cattle grid
- Railway, multiple track; Station; Siding
- Railway, single track; Station with siding
- Light railway or tramway
- Power transmission line (cross country)
- Fence: Levee or bank
- Mine: Windmill; Quarry
- Building; Church; Ruins; Yard
- Trig station; Bench mark; Spot elevation
- Contour with value; Auxiliary contour.
- Depression contour; Cliff
- Forest, dense; medium; scattered
- Scrub, dense; medium; scattered
- Breakwater; Pier; Wharf
- Tropical rain forest; Pine plantation
- Windbreak
- Orchard or vineyard; Mangrove
- Swamp; perennial; intermittent
- Land subject to inundation; Ricefield
- Lake, perennial; Stream, perennial
- Lake, intermittent; Stream, intermittent
- Lake, mainly dry; Stream, mainly dry
- Bore or well; Spring; Tank or small dam
- Breakwater; Pier; Wharf
- Wreck, exposed; Lighthouse
- Rock, bare or awash; Foreshore flat; Sand
- Reef; Ledge

THE RELATIONSHIP BETWEEN TRUE NORTH, GRID NORTH AND MAGNETIC NORTH IS SHOWN DIAGRAMMATICALLY FOR THE CENTRE OF THIS MAP. MAGNETIC VALUE IS CORRECT FOR 1970. ANNUAL CHANGE IS 0' 11.9403 EASTWARD.

MERSEY SHEET 8114 TASMANIA