

# Geology of Queensland

## Geological mapping in Queensland — 1900–1950

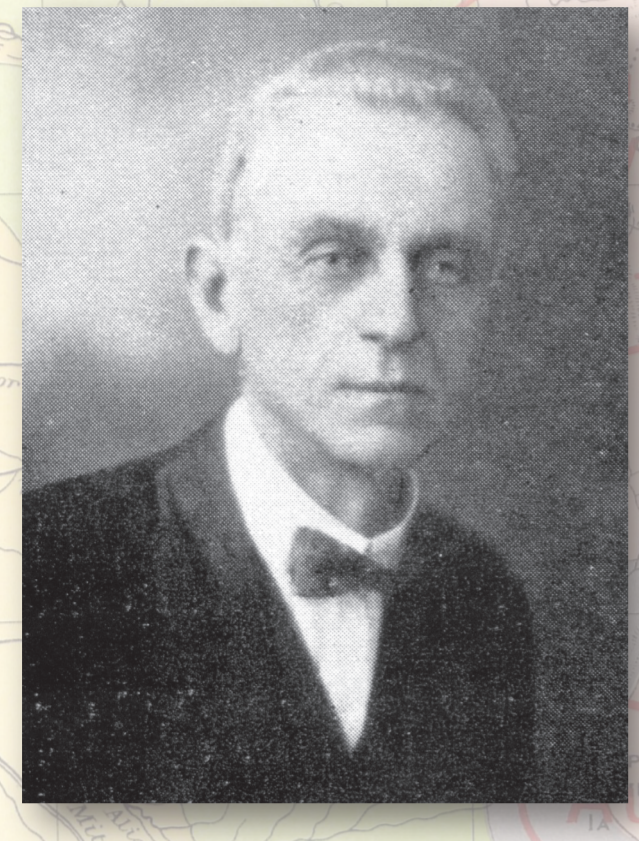
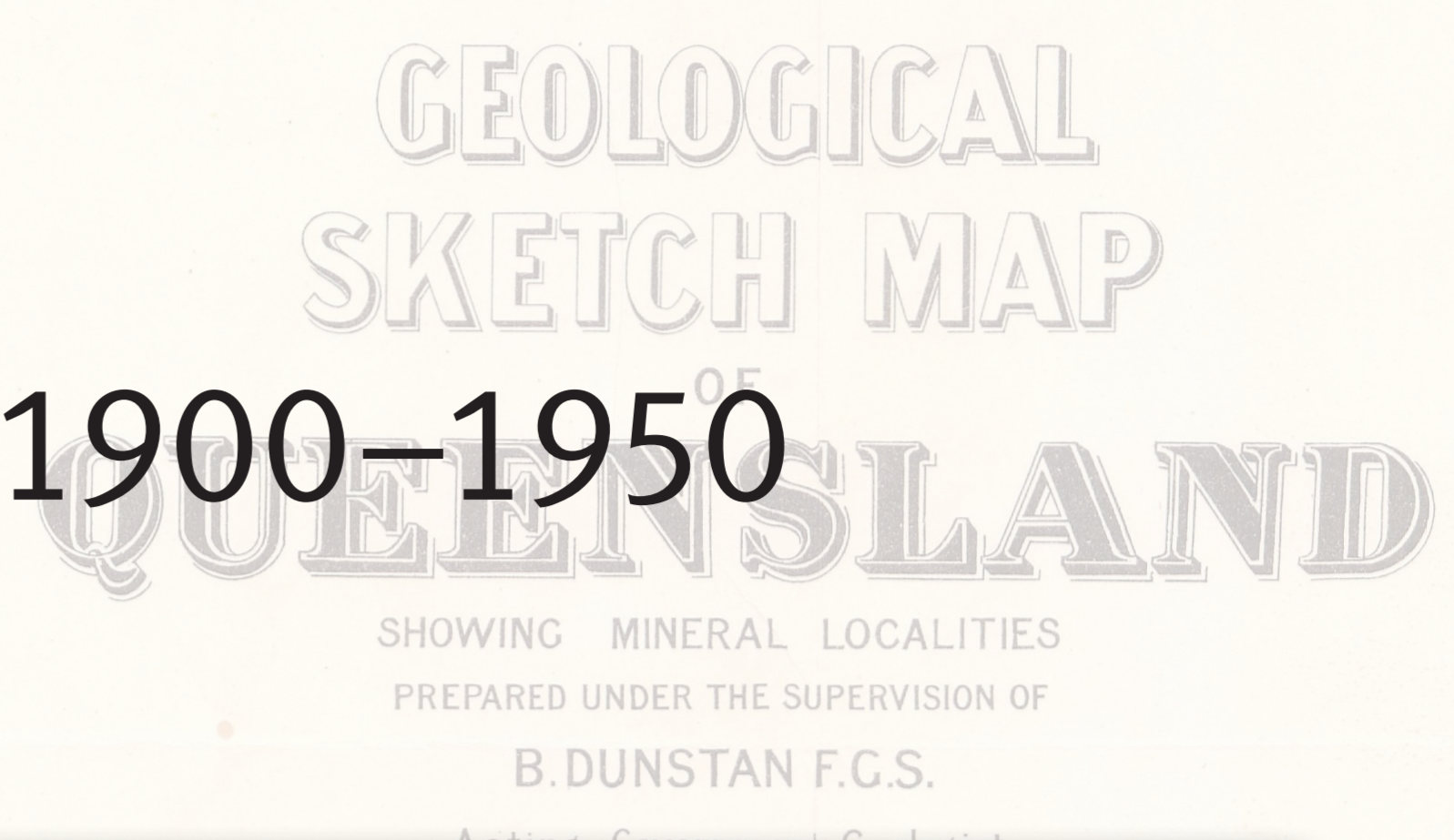
Area of Queensland: 427,838,080 Acres. Population: 528,465.  
Area of Proclaimed Gold Fields: 22,910,444 Acres.  
Area of Proclaimed Mineral Fields: 28,100,993 Acres.

GOLD FIELDS, WITH DATES OF PROCLAMATIONS.

NO. 1	ACATE DOWNS	9-18-01	NO. 17	GRONON	18-1-89	NO. 33	BAVENWOOD	28-8-78
18	MADE RIVER	4-18-06	18	GOONDI	27-8-87	34	RODYS CREEK	17-4-88
2	BARMUNDONG	30-3-89	19	ETHEREIDGE	13-12-01	35	ROCKY RIVER	35-7-87
3	BULLBONGONG	1-18-89	20	ELIMELLA	8-11-89	36	MOUNT SPENDER	29-11-89
4	BOWEN	10-4-90	21	GLAUCI	26-10-89	40	MULDORBY	1-9-88
5	BOWER BIRD	5-9-05	22	GLASTONBURY	8-8-87	41	MOUNT WYATT	30-10-85
6	BALDOONA	37-1-97	23	GLASSTREE	38-10-91	42	MARDIANI	20-11-90
7	CAULFIELD	18-9-89	24	GWIPPE	30-10-87	43	MAREEBA	7-4-95
8	CLACK RIVER	18-11-11	25	GOVERN HILLS	29-8-99	44	NANBAROO	20-1-96
9	CLACK RIVER	18-11-11	26	GOVERN HILLS	29-8-99	45	NEW	20-1-96
10	CLACK RIVER	18-11-11	27	GOVERN HILLS	29-8-99	46	NEW	20-1-96
11	CLACK RIVER	18-11-11	28	GOVERN HILLS	29-8-99	47	NEW	20-1-96
12	CLACK RIVER	18-11-11	29	GOVERN HILLS	29-8-99	48	NEW	20-1-96
13	CLACK RIVER	18-11-11	30	GOVERN HILLS	29-8-99	49	NEW	20-1-96
14	CLACK RIVER	18-11-11	31	GOVERN HILLS	29-8-99	50	NEW	20-1-96
15	CLACK RIVER	18-11-11	32	GOVERN HILLS	29-8-99	51	NEW	20-1-96
16	CLACK RIVER	18-11-11	33	GOVERN HILLS	29-8-99	52	NEW	20-1-96
17	CLACK RIVER	18-11-11	34	GOVERN HILLS	29-8-99	53	NEW	20-1-96
18	CLACK RIVER	18-11-11	35	GOVERN HILLS	29-8-99	54	NEW	20-1-96
19	CLACK RIVER	18-11-11	36	GOVERN HILLS	29-8-99	55	NEW	20-1-96
20	CLACK RIVER	18-11-11	37	GOVERN HILLS	29-8-99	56	NEW	20-1-96
21	CLACK RIVER	18-11-11	38	GOVERN HILLS	29-8-99	57	NEW	20-1-96
22	CLACK RIVER	18-11-11	39	GOVERN HILLS	29-8-99	58	NEW	20-1-96
23	CLACK RIVER	18-11-11	40	GOVERN HILLS	29-8-99	59	NEW	20-1-96
24	CLACK RIVER	18-11-11	41	GOVERN HILLS	29-8-99	60	NEW	20-1-96
25	CLACK RIVER	18-11-11	42	GOVERN HILLS	29-8-99	61	NEW	20-1-96
26	CLACK RIVER	18-11-11	43	GOVERN HILLS	29-8-99	62	NEW	20-1-96
27	CLACK RIVER	18-11-11	44	GOVERN HILLS	29-8-99	63	NEW	20-1-96
28	CLACK RIVER	18-11-11	45	GOVERN HILLS	29-8-99	64	NEW	20-1-96
29	CLACK RIVER	18-11-11	46	GOVERN HILLS	29-8-99	65	NEW	20-1-96
30	CLACK RIVER	18-11-11	47	GOVERN HILLS	29-8-99	66	NEW	20-1-96
31	CLACK RIVER	18-11-11	48	GOVERN HILLS	29-8-99	67	NEW	20-1-96
32	CLACK RIVER	18-11-11	49	GOVERN HILLS	29-8-99	68	NEW	20-1-96
33	CLACK RIVER	18-11-11	50	GOVERN HILLS	29-8-99	69	NEW	20-1-96
34	CLACK RIVER	18-11-11	51	GOVERN HILLS	29-8-99	70	NEW	20-1-96
35	CLACK RIVER	18-11-11	52	GOVERN HILLS	29-8-99	71	NEW	20-1-96
36	CLACK RIVER	18-11-11	53	GOVERN HILLS	29-8-99	72	NEW	20-1-96
37	CLACK RIVER	18-11-11	54	GOVERN HILLS	29-8-99	73	NEW	20-1-96
38	CLACK RIVER	18-11-11	55	GOVERN HILLS	29-8-99	74	NEW	20-1-96
39	CLACK RIVER	18-11-11	56	GOVERN HILLS	29-8-99	75	NEW	20-1-96
40	CLACK RIVER	18-11-11	57	GOVERN HILLS	29-8-99	76	NEW	20-1-96
41	CLACK RIVER	18-11-11	58	GOVERN HILLS	29-8-99	77	NEW	20-1-96
42	CLACK RIVER	18-11-11	59	GOVERN HILLS	29-8-99	78	NEW	20-1-96
43	CLACK RIVER	18-11-11	60	GOVERN HILLS	29-8-99	79	NEW	20-1-96
44	CLACK RIVER	18-11-11	61	GOVERN HILLS	29-8-99	80	NEW	20-1-96
45	CLACK RIVER	18-11-11	62	GOVERN HILLS	29-8-99	81	NEW	20-1-96
46	CLACK RIVER	18-11-11	63	GOVERN HILLS	29-8-99	82	NEW	20-1-96
47	CLACK RIVER	18-11-11	64	GOVERN HILLS	29-8-99	83	NEW	20-1-96
48	CLACK RIVER	18-11-11	65	GOVERN HILLS	29-8-99	84	NEW	20-1-96
49	CLACK RIVER	18-11-11	66	GOVERN HILLS	29-8-99	85	NEW	20-1-96
50	CLACK RIVER	18-11-11	67	GOVERN HILLS	29-8-99	86	NEW	20-1-96
51	CLACK RIVER	18-11-11	68	GOVERN HILLS	29-8-99	87	NEW	20-1-96
52	CLACK RIVER	18-11-11	69	GOVERN HILLS	29-8-99	88	NEW	20-1-96
53	CLACK RIVER	18-11-11	70	GOVERN HILLS	29-8-99	89	NEW	20-1-96
54	CLACK RIVER	18-11-11	71	GOVERN HILLS	29-8-99	90	NEW	20-1-96
55	CLACK RIVER	18-11-11	72	GOVERN HILLS	29-8-99	91	NEW	20-1-96
56	CLACK RIVER	18-11-11	73	GOVERN HILLS	29-8-99	92	NEW	20-1-96
57	CLACK RIVER	18-11-11	74	GOVERN HILLS	29-8-99	93	NEW	20-1-96
58	CLACK RIVER	18-11-11	75	GOVERN HILLS	29-8-99	94	NEW	20-1-96
59	CLACK RIVER	18-11-11	76	GOVERN HILLS	29-8-99	95	NEW	20-1-96
60	CLACK RIVER	18-11-11	77	GOVERN HILLS	29-8-99	96	NEW	20-1-96
61	CLACK RIVER	18-11-11	78	GOVERN HILLS	29-8-99	97	NEW	20-1-96
62	CLACK RIVER	18-11-11	79	GOVERN HILLS	29-8-99	98	NEW	20-1-96
63	CLACK RIVER	18-11-11	80	GOVERN HILLS	29-8-99	99	NEW	20-1-96
64	CLACK RIVER	18-11-11	81	GOVERN HILLS	29-8-99	100	NEW	20-1-96

COAL FIELDS.

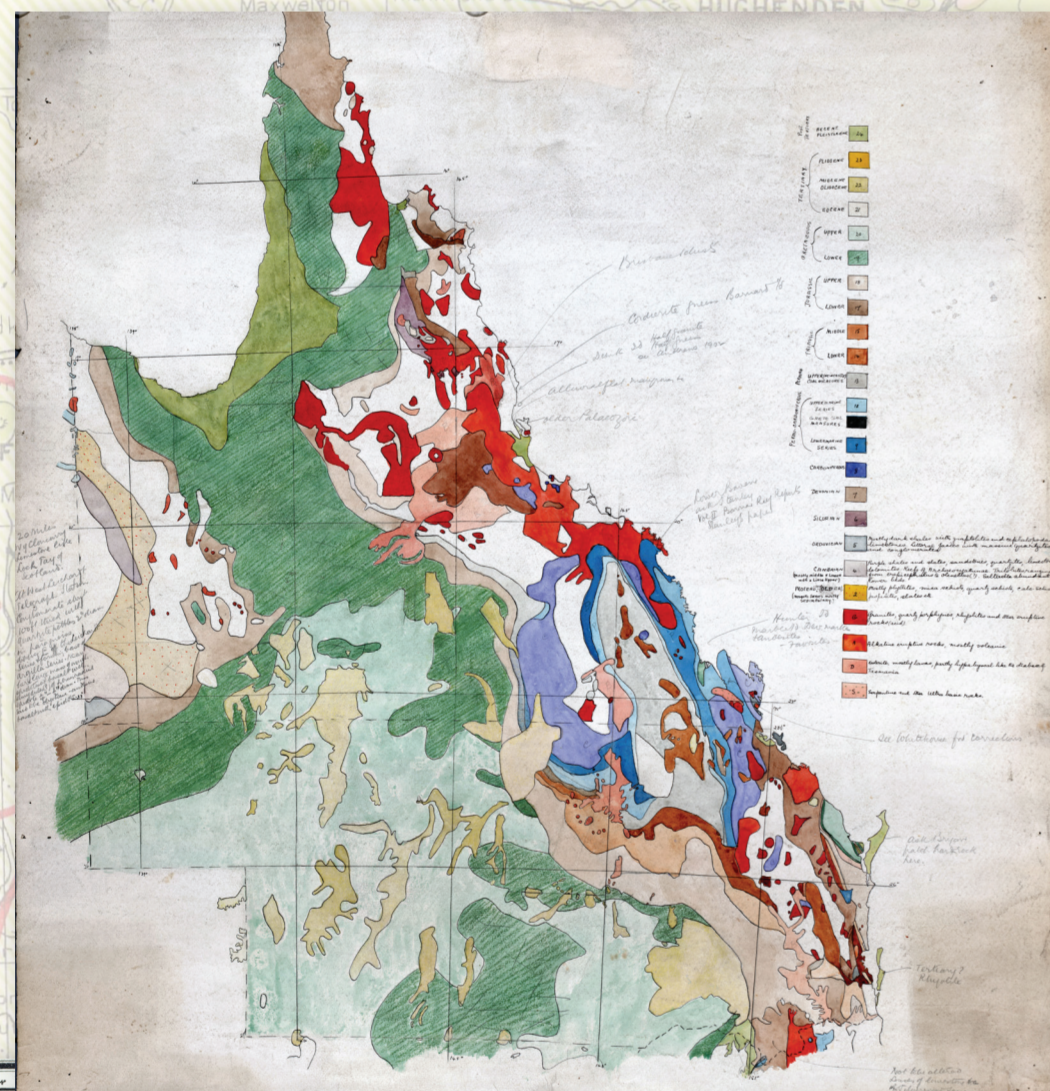
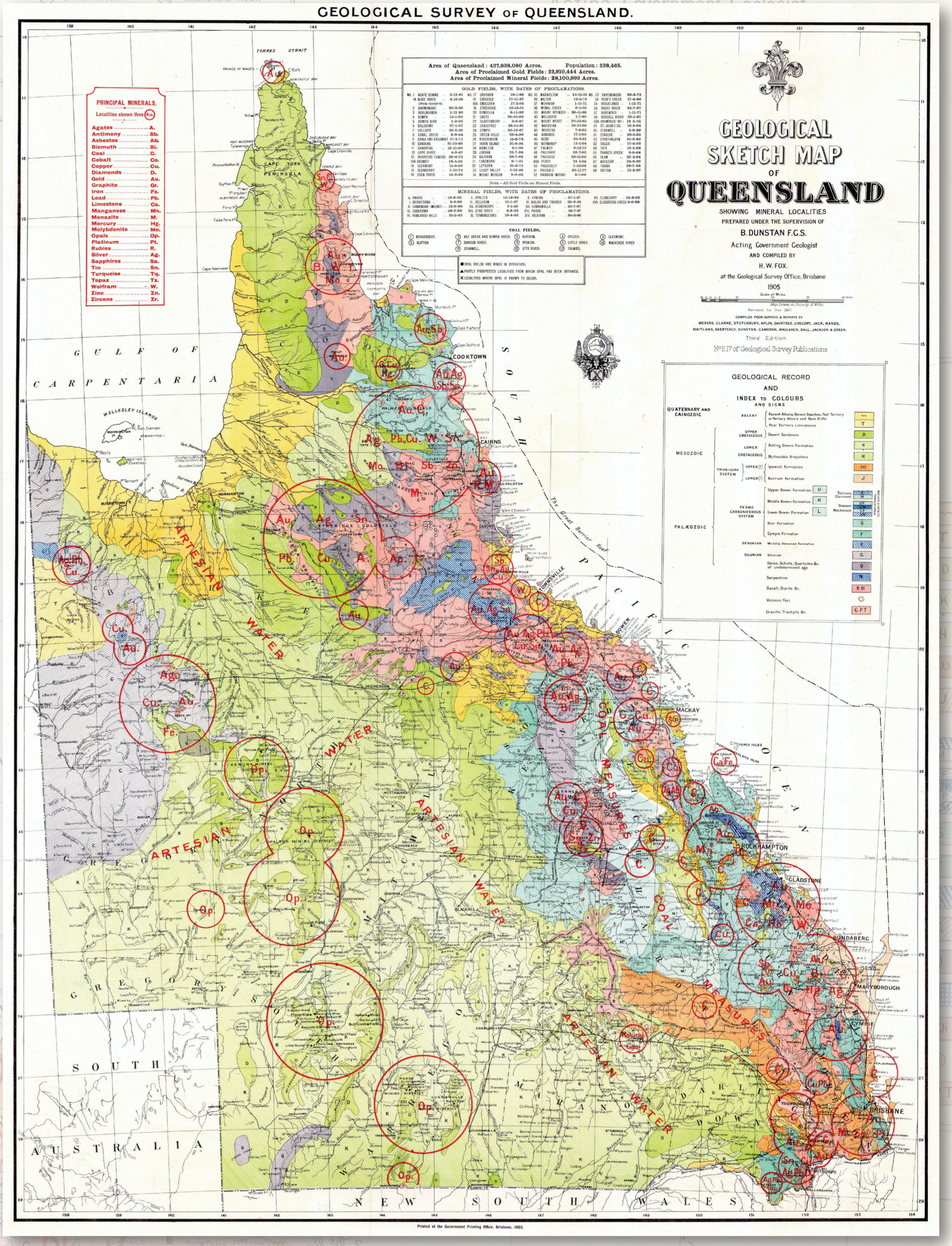
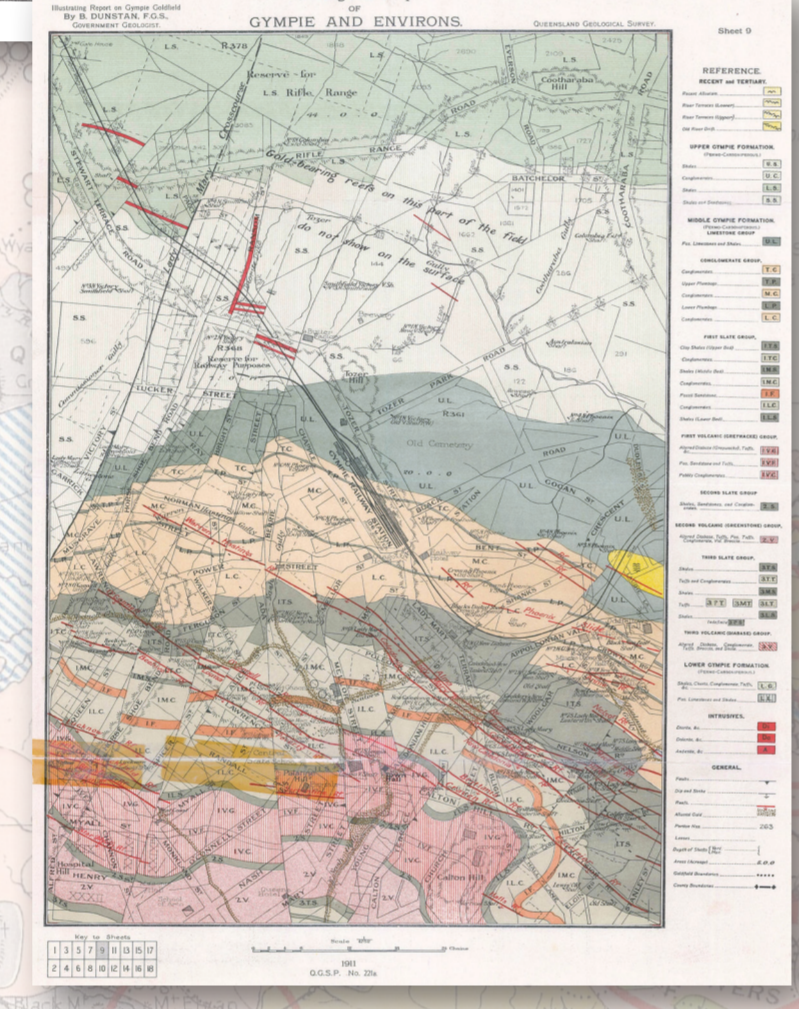
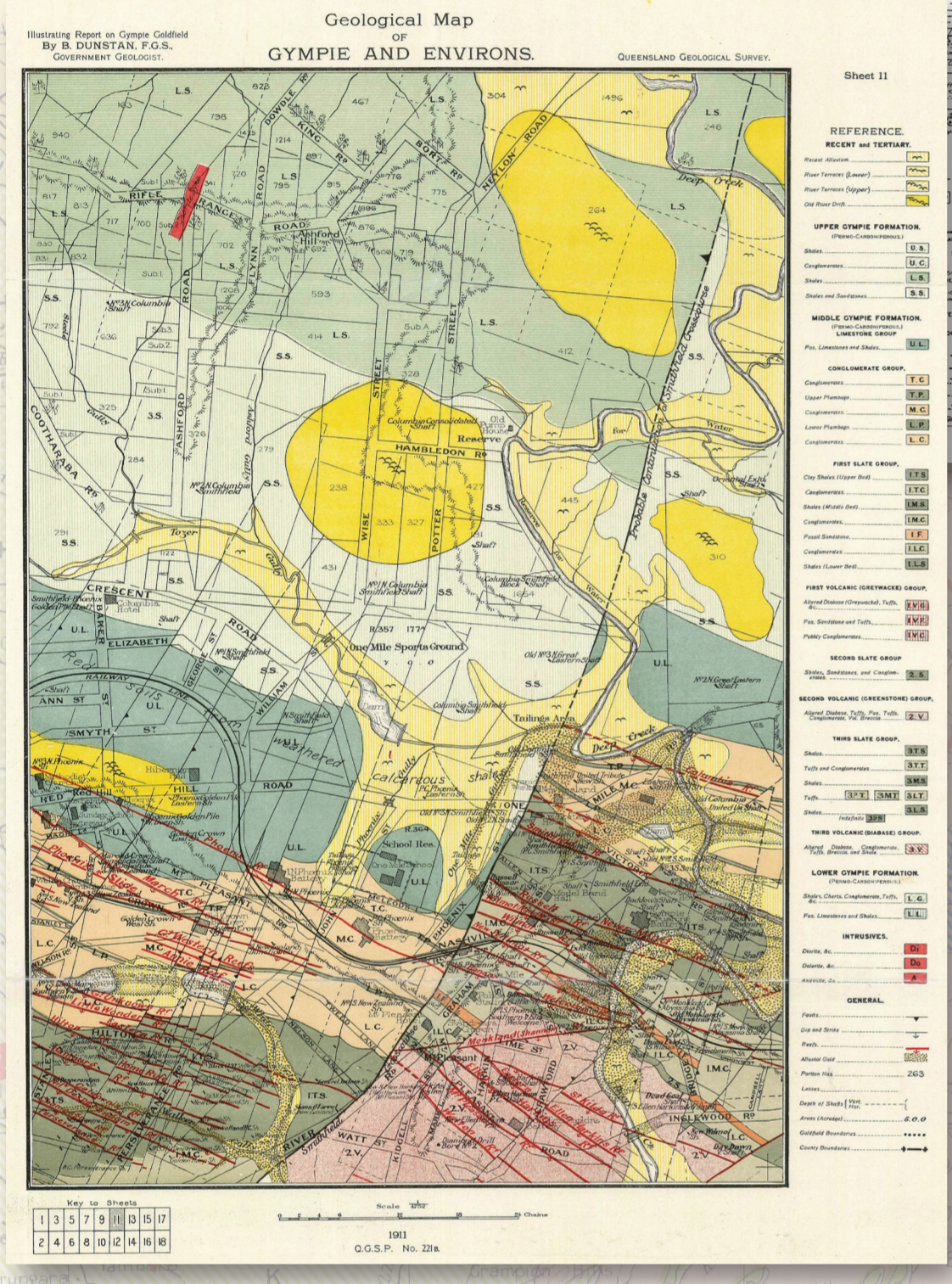
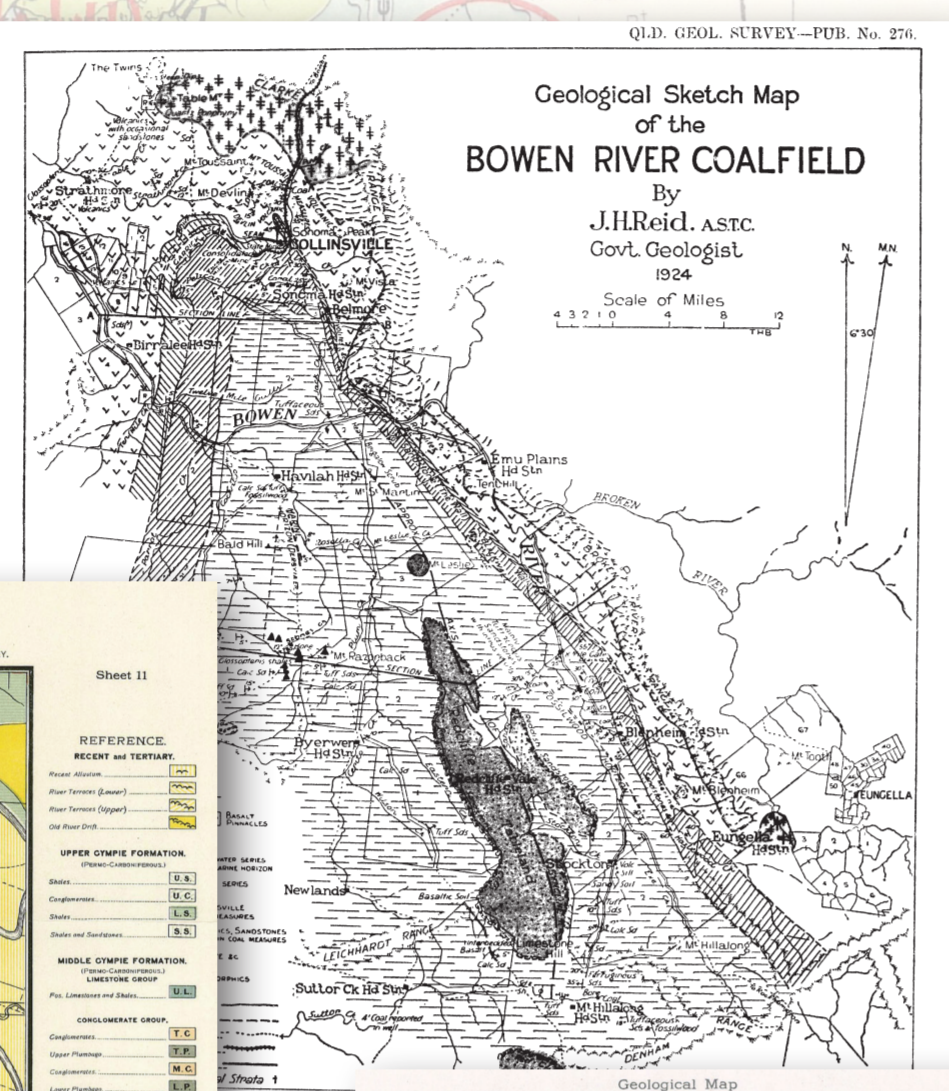
1 READESERT. 2 BEE CREEK AND BOWEN RIVER. 3 HORRUM. 4 CALLIDE. 5 LITTLE RIVER. 6 CLERMONT. 7 BEE CREEK AND BOWEN RIVER. 8 HORRUM. 9 CALLIDE. 10 LITTLE RIVER. 11 MACKENZIE RIVER.



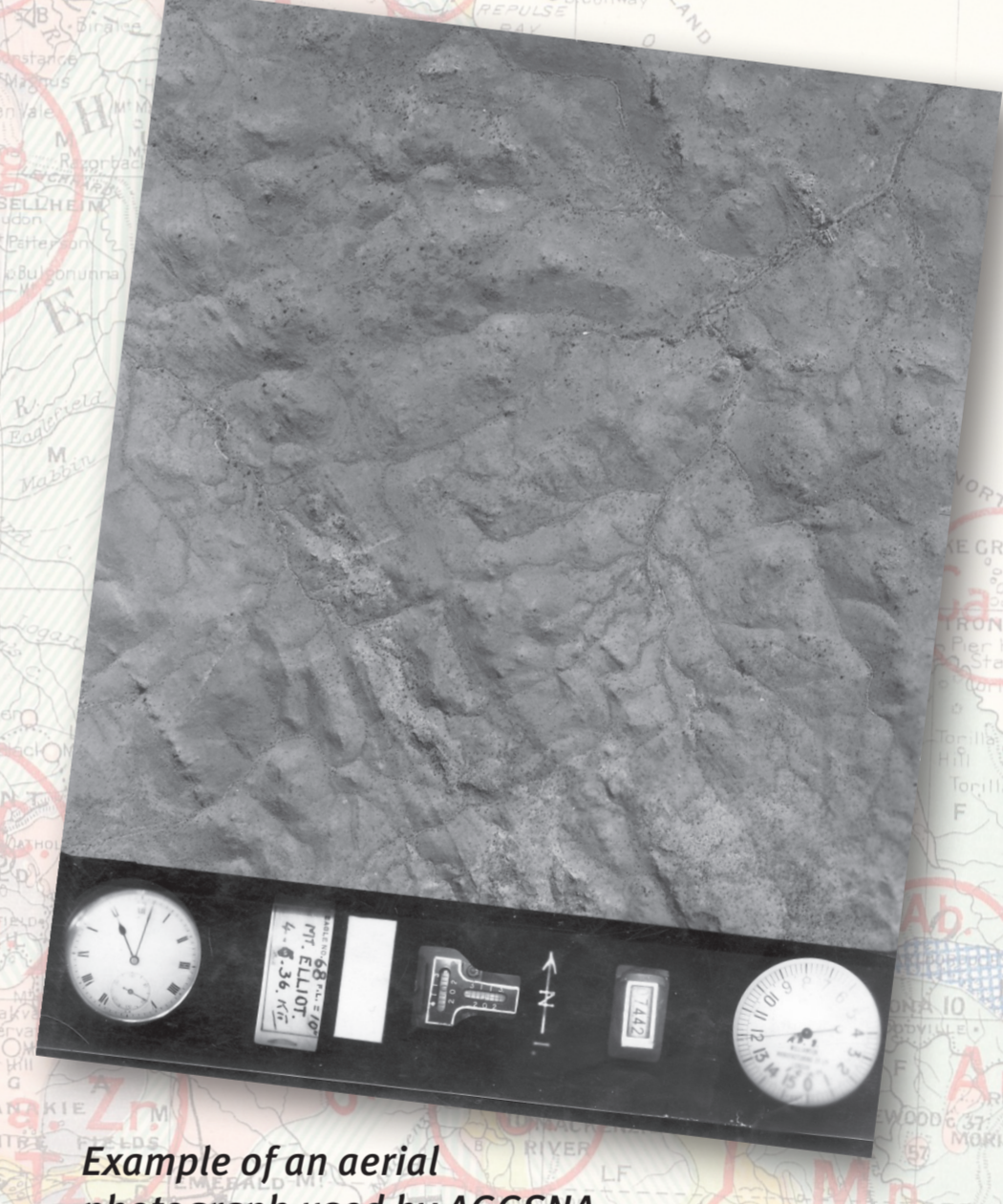
Benjamin Dunstan

Jack resigned as Government Geologist and head of GSQ in 1899 after supervising a revision of his 1892 map. He was succeeded initially by Rands until 1902, when Benjamin Dunstan became Government Geologist remaining head of GSQ until 1930. Dunstan published a new geological map at a scale of 40 miles to an inch (about 1:2 500 000) in 1903, and revised it in 1905 and again in 1908, adding mineral localities.

GSQ staff undertook considerable mapping but it was not systematic and was directed at particular basins or mineral fields, e.g. detailed mapping of the major goldfields such as Gympie and JH Reid's work on the Bowen Basin.



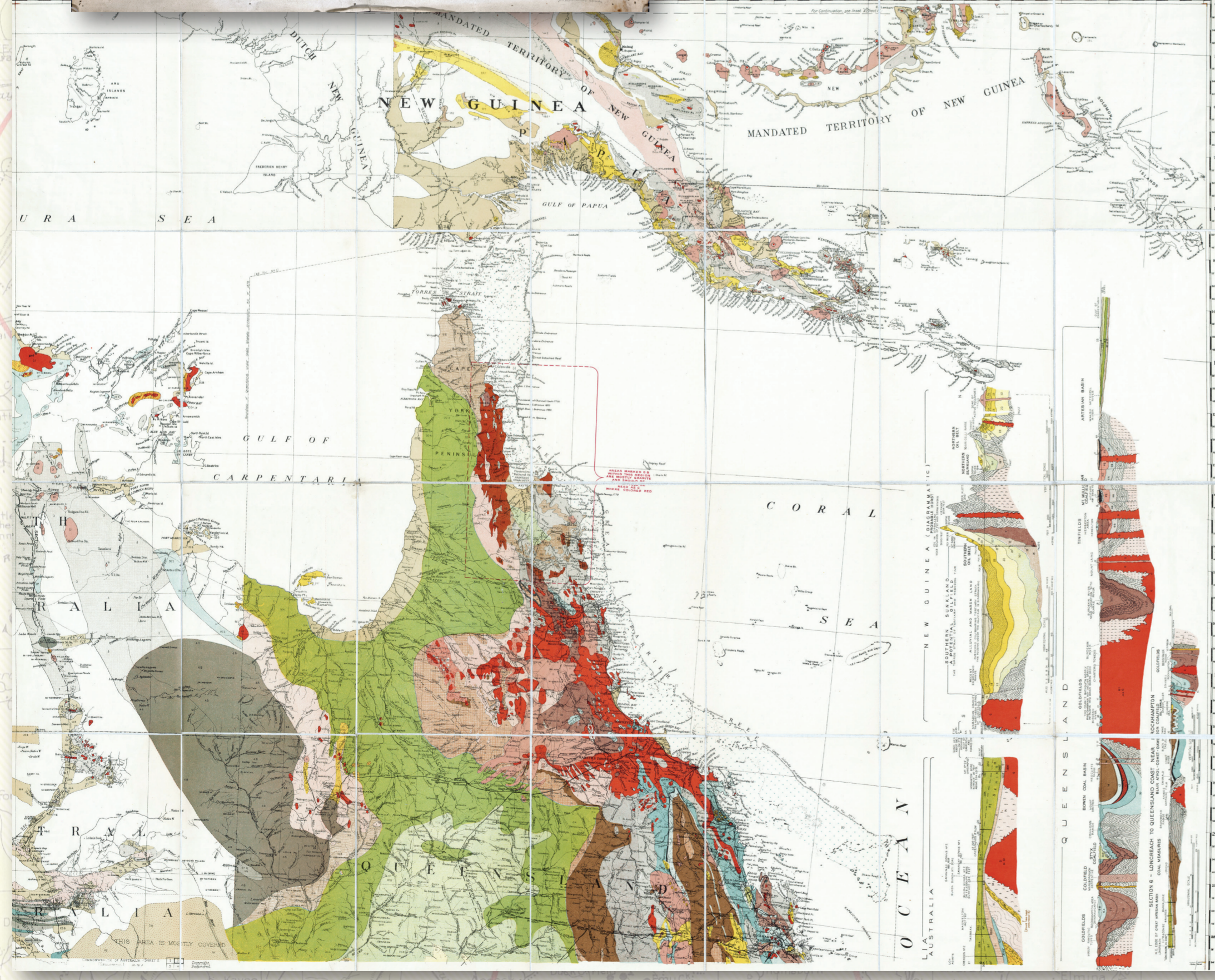
In 1928–29, JH Reid, under instruction from Dunstan, produced a revised draft of the map of Queensland. However, it was never published as a stand-alone map, and instead was incorporated into the Geological Map of the Commonwealth of Australia, published in 1931 by T Edgeworth David in 4 sheets at about 1:3 000 000 scale. The inset is a preliminary compilation by David with annotations by GSQ staff.



Example of an aerial photograph used by AGGSNA.

In 1934, the Aerial, Geological and Geophysical Survey of Northern Australia (AGGSNA) was formed, under State and Commonwealth control, to search for ore deposits north of the 20th parallel. Although work was still concentrated around known mineral fields, an important aspect was the convincing demonstration that aerial photography was an exceptionally powerful tool for rapid geological mapping. However, World War 2 curtailed the work.

Motor vehicles used by AGGSNA for access found the terrain challenging without four-wheel drive.



Great state Great opportunity.

