

## Bob Tingey Supplementary Notebooks – Gravity & Magnetic recordings

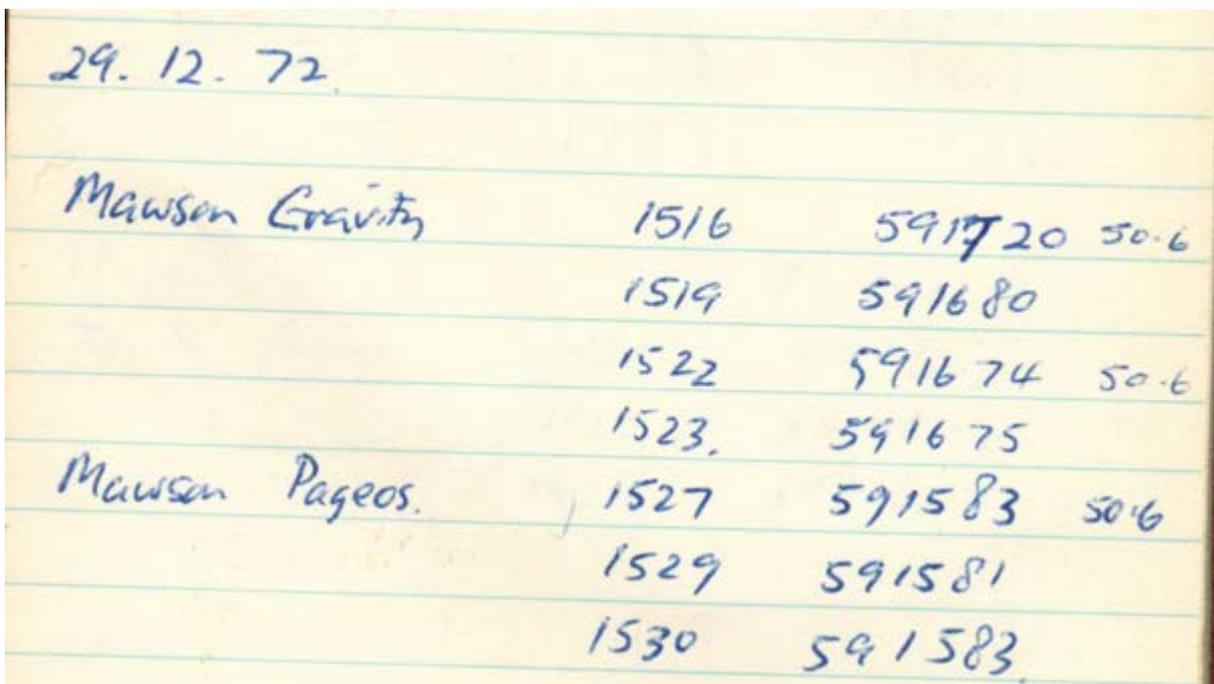
### About the notebooks

These notebooks are recordings of gravity and magnetic readings taken by Bob Tingey. These are known as geophysical properties of rocks. The readings are useful for calibrating airborne geophysical surveys. Other recordings include time, temperature and barometric readings.

They are different to the standard geological notebooks and we are going to do different things with them than the other notebooks, so there are slightly different instructions in how to transcribe them.

### How to transcribe gravity and magnetic notebooks

These notebooks contain mainly numerical lists of readings taken from the instruments. Don't worry about recording the place names for these notebooks as we aren't going to do the same things with them we are with the standard geological notebooks and the locations where the recordings are taken usually remain fairly consistent.



A photograph of a handwritten notebook page with green horizontal lines. At the top left, the date '29. 12. 72.' is written in blue ink. Below the date, there are two sections of data. The first section is titled 'Mawson Gravity' and contains four rows of data. The second section is titled 'Mawson Pageos.' and contains three rows of data. Each row consists of a station number, a magnetic reading, and a gravity reading.

Station	Magnetic Reading	Gravity Reading
1516	591720	50.6
1519	591680	
1522	591674	50.6
1523	591675	
1527	591583	50.6
1529	591581	
1530	591583	

The Antarctic Gazetteer <https://data.aad.gov.au/aadc/gaz/> is handy if you need to check a place name.

As in the other notebooks, feel free to use your judgement when transcribing things that don't quite fall neatly on one line.

Sometimes there are tables (see image next page). Please use the <table> tag at the beginning and </table> tag at the end.

STATION	DATE	TIME	READING
CAUDAL HILLS	14 NOV	0213 (on ice covered moraine)	65532
FINDLAY G.	14 NOV	<del>25450</del> (on rock)	65475
REILLY RIDGE			
ANDALUSITE R.	16 NOV.	2300	66513 T-200
Bara	Plummet Camp		A 826.75 261. 826.85 ± 130C

The fields in **Section 2** don't relate to the content in these notebooks, so please don't worry about including any information in them EXCEPT for the occasional page e.g. Notebook #14 page 15 where Bob explicitly records that they are rock samples. In this case, please put the full Rock Store Number e.g. 73281763 in the Rock Store Number field of Section 2. Please include the 4 digit prefix as given e.g. 73 [year] 28 [Antarctic program code].

In some of the later notebooks you will notice the abbreviation OAT = outside air temperature

Sculpture Mt	68650
	OAT -30°C

The other abbreviation is NVL = North Victoria Land

NVL	2020	13 Dec
	547230	

Thanks again for your efforts in transcribing these!  
Jane