

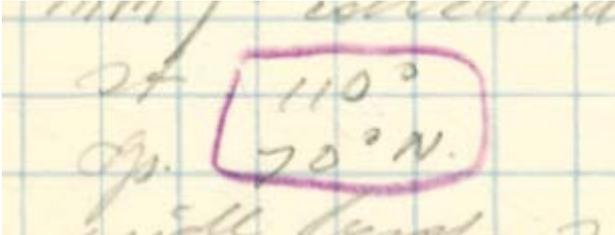
Tips for Russell Hill's notebook

Russell's notebook is neatly written in cursive script. Some parts may be a little hard to discern, so please feel free to use the <unclear> tag for anything that isn't immediately apparent.

Strike and Dip

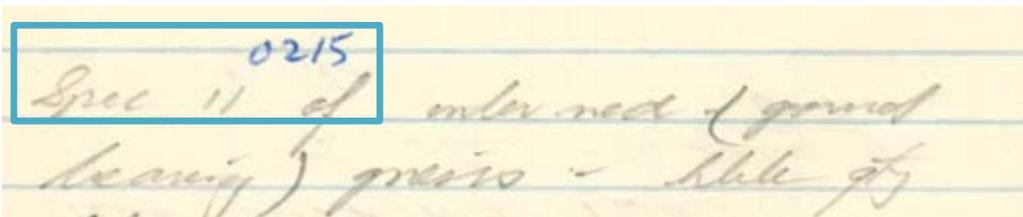
Russell sometimes records strike and dip measurements using the following abbreviations.

St = strike dp = dip Please expand as per usual as [strike] and [dip].



Rock Sample Numbers

Russell uses a variety of annotations for recording his rock samples, as highlighted below:



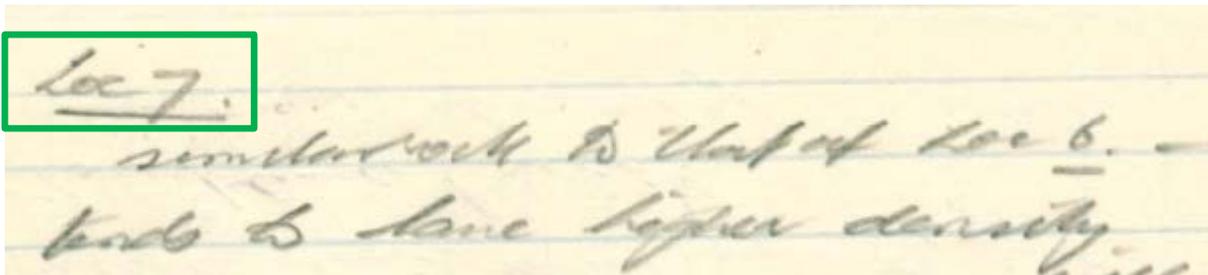
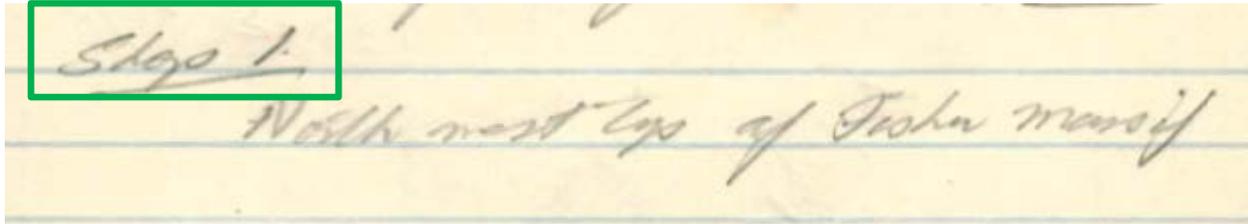
In Section 2, please put the original pencil recording (e.g. MM1) in the Rock Sample Number field and then the later number written in pen (e.g. 205) into the Rock Store Number field. If you like you can add in the extra 4 prefix of 7128 for 71 = year 28 = Antarctic program code to the three and/or four digit shortened Rock Sample Number e.g. 0215 = 71280215

For the second example of Spec 11 and 0215 please record the Spec 11 in the Rock Sample Number, and the 0215 (preferably with the prefix 7128) in the Rock Sample Number field e.g. 71280215

In the third example the Rock Sample Number and Rock Specimen Number are separated, but still related.

Point/location Number

Russell records these in several ways either as Stops of Locations. Mostly they are underlined. Please transcribe this into the Point # field in Section 2.



Abbreviations

Some of the abbreviations used include:

Amph = amphibole

BIF = banded iron formation

Biot = biotite

Cpx = clinopyroxene

c.g. / co. g. = coarse grain/ed

Diops = diopside

Fe = iron

feld = feldspar/ feldspathic

f.g. = fine grain/ed

Gnt = garnet

HNB/ hnbl = hornblende

Ksp = potassium feldspar

Ky = kyanite

Lin = lineation

Lith = lithology

Mu = muscovite

Opx = orthopyroxene

Peg = pegmatite

Plag = plagioclase

Pyr = pyrite

Qtz = quartz or quartzite

Sch = schist

S_n = formula for metaphoric foliation

s.s./ ss = sandstone

spec = specimen

st = strike

struct = structure

sym = symmetrical/ symmetry

Tourm = tourmaline

v. = very

X = crystal or cross (as in cross section)

Symbols

or //	parallel
L	right angle to
->	up to (-> 2cms)
x	by (3m x 2m)
+ - or +/- or ±	plus/minus
	with

Please see Marie and Ross Davidson's excellent list of minerals and place names in the tutorial links section for extra guidance.

The usual Antarctic geological words are used by Alan such as foliation, concentric, discordant, dip, veins, mineral, gneiss, outcrop, lineation, bedding, surface, layering, intruded, bands, dykes, definition, plunge, parallel, orientation, striking, mafic, and magnetic.

As always thank you VERY much for your ongoing efforts in transcribing these notebooks. We are nearly at the end of our project, with just one more geologist's set of notebooks to go! Thank you for your generous support, it is greatly appreciated!

Jane