

North Star/Stemwinder

822650

Monday

Kimberley Tuesday July 6 1935

Traverse East of North Star - Stemwinder  
Road to Stemwinder Mine

102 - Bearing to Sullivan haulage tunnel

110 A = first outcrop of diorite in contact  
with heavy granitoid

112 - strike  $135^\circ$  dip  $30^\circ$   $225^\circ$   
massive black grey calc 930



112 A

across creek dip  $25^\circ$   $265^\circ$  massive  
dark grey calc 930

114 A 18 feet from portal lower tunnel  $250^\circ$  direction  
tunnel  $250^\circ$  in direction

114 B shaft

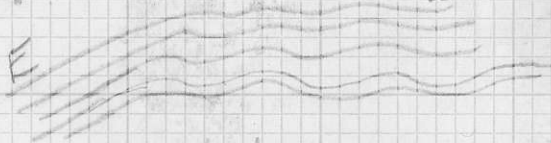
114 C upper tunnel 30' from portal  $230^\circ$  to Portal

115 Stn (cross) of tunnel  $230^\circ$

117+46' strike  $15^\circ$  dip  $75^\circ$  to  $7^\circ$  massive  $\phi$

121-

E



121 + 100 feet Bars - horizontal

121 - Col. strike  $5^\circ$  dip  $40^\circ$  E  
massive shaly

Sta 718 strata apparently dipping w.  
badly fractured difficult to  
determine the attitude.

Notes regarding Stenwinde

- 1- no outcrops along Road to Rumbekly after cross train
- 2- outcrops on train below wagon road crossing
- 3- 60' tunnel only accessible in mine
- 4- Road from Suan trail to

Sunday July 5 1925

Traverse down Train from Sta 50 to junction of North <sup>main</sup> Sten + Stenwinde Roads

59A-50 - no crops lots of quartz float

59A- strike N-S - dip  $35^{\circ}$  to W - massive

quartz

63B dip  $20^{\circ}$  to  $265^{\circ}$  - massive thin bedded rusty matrix argillaceous quartz.

Sta 62 - Jct of upper Stenwinde Road + North Sten Road. at 62 + below river granules freshly bent from lake down granules sets for sure.

Sta 97 - Jct of lower Stenwinde Road + North Sten Road.

~~Ergebnis der Arbeit~~

Ergebnis

S M T W Th Fr Sat

540
840
1380

13  
20

6	22 7	23 8	24	25	26	27
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13	14	15	16	17	18	19
5	6	7	8	9	10	11

Fri

Sat = close up work

Sun = stemwinder

Mon = Sekindan

Tues = doretu

Wed - Survey = stemwinder & Timberline

Thur - Survey - Road .. .. .

Fri - Anita .. .. .

Sun = Vanam

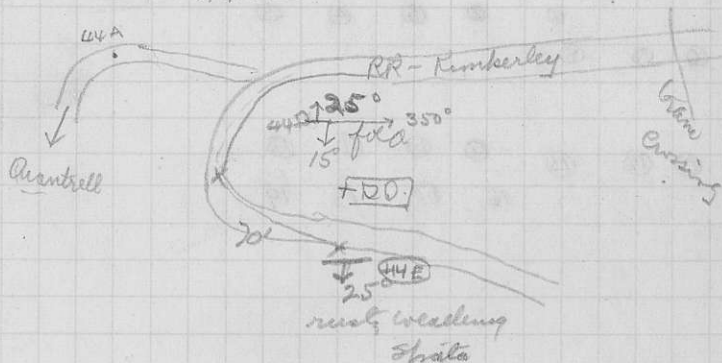
44A = on Quantrell W of

44B = outcrop nearly vertical

Strike 355° dip almost vertical

but 85° to E - slick cliff

44B  $\Delta$  75° slick cliff



44D axis of anticline

• 44B

44E dip 75° to W strike 355°

Sta 45 dip 35° to W - strike 0°. rather massive 6"-12"

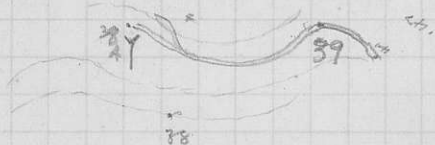
argillaceous qtzite - matrix very rusty

46A = bend in road

46B = dip 40° to E. Strike 340° - whitish

qtzite bed 1"-2" thick matrix rusty

27  
St 39 on Road Quantrel to N. Sloe Road



40 A - dip 20° strike 180° (Approx) - massive  
greyish argillae qtzs 6"-1 foot thick.  
180° direction of veinlet - 2" wide  
containing sulphides  $\text{FeS}$ ,  $\text{S}_8$ ,  $\text{ZnS}$ , dip  
veinlet vertical cuts strata

0.15'  $\leftarrow$   $\square$

40 B - dark grey fractured argillae qtzs  
N open cut axis of Antulume strike  
N+S - rather gentle one strata on axis  
horizontal at 42 B -

40 C - open cut 400 ft

40 D - dip 15° 190°? irregularly or cross bedded  
in thin bedded 1"-4" dark grey argill. qtzs

Sta 41  $\left\{ \begin{array}{l} \text{thin bedded dark grey argillae qtzs} \\ \text{dip } 10^\circ \text{ } 90^\circ \text{ strike N. S. - open cut} \\ \text{20 feet S of road} \end{array} \right.$

42 - Sta on Road - crops indeterminate

42 A - open pits filled in 3 N+S.

42 B on dump of open cut

shown fractures filled with pyrite

dip strata 40° 90° - strike 180° - black massive  
fracture trends 180° - dip 60° to S.

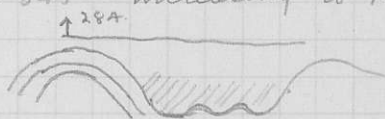
L. Johnson - came to N.S.

Tuesday June 30/25 Bar 24.45 A.M.

32A - strike 355° dip 34° 85°

white sandstone in thin platy beds  
weathering rusty brown - same  
strike and dip as those - w of North Star  
mine showing structure is constant

28A = axis of N+S anticline between the  
E + W ore bodies of north star mine  
rocks massive dark grey quartzite  
on footwall - slightly altered by mineral  
solution - Eastern limb dip 35° E -  
strike 345° increasing to 70°



28B -

on anticline as 28A Shale Flat

E 28B ↗ west wall of work body  
80°

28C - 20' to W. footwall vertical showing  
structure of pyroclites + Turckblende  
From here to Parker shaft foot wall  
45° but at 28C - almost vertical  
as shown in tunnel

North Star -

Midnight -

Stemwinder -

Ontario -

Allan -

Sean -



Stemwinder S. D holes

14 - 200 ft E. of shaft. (paced)  
line 50 feet S. of shaft.  
dip 30°.

0-240 qtz

240-272 - Zn Fe Ph - complex matrix Zn

272-400 - Zn, Sg

400-460 - Zn Sg end of hole

15 - same set up 20° to left dip 30° (same)

0-224 qtz

224-228 Zn, Sg

228-257 Zn Sg

257-271 (new) hole - Zn Sg

Wednesday July 1, 1925 Bar - 24.50 -

Traverse - midnight dump to Queenhill  
back to Road -

Sta 11 - midnight dump

11A = peg 31

34 - " 32 no crops

35 - " no crops

35A = cor post.

Sta 36 - open cut


open cuts 3 in number see work  
no exposures -

95 feet @ 206° - open cut no ore  
shale then bedded - 1" - 4" - dark grey  
argillac. qtz - strike 165° dip 60° SE  
somewhat broken up

Sta 37 - no crops no crops hit 26137

Sta 38 " " " " # 27138

- 38A - Queenhill open cut.

strata contorted  resembling  
what was seen near midnight claim &  
Keelogg shaft. dip on west side 65°  
strike 345° - on east side broken -  
galena in small clumps also replacing  
quartzites which is dark grey argillaceous  
galena 1" - 1 1/2" wide fine grained greenish

38B Queenhill tunnel rocks contorted - strike 0° - 350°  
dip 55° - 30° - strike 355° tunnel 200' long  
fracture 2" wide crosses a few feet series  
of dark grey quartzites.