

SEPT 2 / 87

ROSS RIVER COME

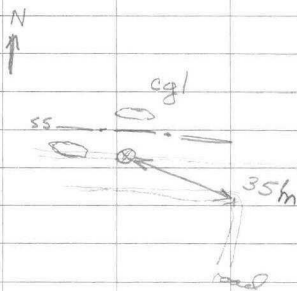
020309

TRAVERSE ALONG POWER LINE

87-1

Power pole # 518

Small scuffs of d/c to s/c just north of the power pole in right-of-way



Cgl - medium grained, light gray. Mainly rte pebbles. Minor thin coal fragments

Ss - dk grey brown, micaceous sandstone  
Poorly layered, breaks with rough surface  
Bedding on scale 1-2 cm.

Measured bedding in ss: 060 / 33 S

87-2

Scruffings of dk brn gray micaceous  
sandstone in road

Same material as noted right by  
the power pole

=

87-3 large blocks @ side of road

Coarse grained white to light gray  
conglomerate. White sand matrix.

Pebbles white & dk gray gr. Matrix  
supported

No measurement because not in place

=

87-4 o/c to s/c in road.

Dk gray brn micaceous poorly layered  
sandstone to silty sandstone. Weathers  
to a dull dk brown.

No structure.

=

87-5 Coarse grains light gray conglomerate.

Dark & light gr. pebbles

No structure

Mass of lichen covered o/c

87-6 Massive light gray, coarse congl.

No readily visible bedding. Dark & light  
cleats.

521  $\Delta$  249° for 36m

87-7 light grey med. to coarse grained  
congl. Thin lenses of light grey  
sandstone. Coarse bedding on scale  
30-50 cm or greater. Much of coarse  
congl. massive.

So bedding 070/32 S

87-8 light grey congl w/ 30-50 cm  
interbeds of coarse grey weathering sandstone

So bedding 045/31 SE

87-9 Coarse light grey congl. with  
thick coarse grey sandstone interbeds  
locally

Congl. massive with sandstone matrix.  
Clasts largely quartzite.

So bedding contact between  
sandstone & coarse congl.

So = 058/36 SE

Sandstone weathers dull british tan to grey  
Quite dirty w/ some isolated pebbles & some  
micas

> 3m thick

87-10 Massive med-grained congl.  
 Dominantly clasts of light & dark gray  
 gneiss. Minor green & red gneiss clasts.  
 Matrix is light gray sandstone. Rock  
 weathers salt & pepper light gray.  
 So bedding not readily visible.

87-11

So bedding 053/46SE

pole # 526

Massive to poorly bedded congl &  
 coarse sandstone. Contains sandst. inclusions  
 w/ thin congl. layers. Weathers to light  
 gray.

87-12

Dk brown, poorly bedded, dirty, micaceous  
 sandstone.

locally very bumpy bedding surface,  
 locally very planar

Structurally overlain & underlain by  
 white-weathering massive conglomerate.

I would estimate that thickness of  
 sandstone is less than 15'

So 020/23E

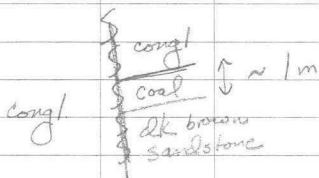
053/19S

Sept 3/87

## ROSS RIVER COAL PROPERTY

87-13 Small pit edge - filled w/ water -  
at NE edge of waste dump

looking SW @ SE edge of the  
pit



Orientation of fault surface.  
028/81W

So contact between coal & overlying congl.  
075/34S

Congl & coal west of fault very broken &  
weathered. Possible clays in fractures of  
conglomerate

Congl. east of fault very competent -  
not highly fractured

Two sets of striations on fault surface  
fine grooves 218/45  
coarse nullion & grooves 005/60

Cannot tell relation between them

87-13 Continued

Rock exposed on N. wall of small pit is very dk gray, very "soaly" - (i.e. organic-rich) mudstone. Poorly bedded - breaks w/ conchoidal fracture

=

87-14. Dominantly med to coarse grained conglomerate. Weathers to a salt & pepper grey. Matrix is sandstone.

Weathers to large, smooth to slightly bumpy rounded outcrops.

Contains lesser interbeds of dk brownish grey, micaceous sandstone. Not planar bedded. About  $\frac{1}{2}$  m exposed of ss.

So bedding in sandstone

060/35SE

=

87-15 Massive to poorly thick bedded conglomerate. Weathers to a pale tan

Matrix is salt & pepper sandstone. Clasts are matrix supported.

Bedding poorly delineated by variations in clast content.

So bedding 047/28SE

Contains only widely spaced fractures

87-16. Coarse massive congl.  
 o/c at edge of road capped by coarse  
 sandstone. Overlain & underlain by  
 congl.  
 On east edge ss is  $1\frac{1}{2}$ ' thick - on  
 west edge it is 4' thick

So bedding 065/29S

Duly widely spaced fractures

87-17 Coarse massive congl. w/ lesser  
 thin interbeds of salt & pepper med. sandstone.  
 Sandstone beds commonly contain isolated  
 pebbles. These beds are generally less than  
 1' thick.

So bedding 064/32SE

SEPT 4/87

## Ross River Coal

87-18

Light gray to tan weathering sandstone  
+ fine conglomerates. b/c had smooth  
surfaces indicative of high sandstone content.

87-19. Congl. with  
sandstone interbeds  
So bedding

4"-6" thick minor  
weathers pale tan.  
020/16E

87-20 So bedding 055/28S  
contact between coarse & med congl.

87-21. large clear area w/ tall evergreens  
Flat slab of coarse & med. grained  
congl.

Coarse congl. has cobbles > 10 cm across

So bedding contact. 073/33S

87-22

Hill top slab of coarse and medium grained congl. Minor units of coarse sandstone. Weathers to a grey. Matrix supported clasts.

So bedding contact 042/345

87-23

Dk brn silty mudstone. Poorly bedded. locally micaceous. Weathers to a dull brown - locally w/ orange rust stain. Breaks with concoidal surface.

87-24

Hcl to dk grey brown, dirty, micaceous sandstone. Weathers to a tan grey. Breaks w/ rough surface.

So bedding 072/265

Structurally underlain by med congl. on west side of of.

87-25 Dk grey to almost dull black  
micaceous, fine sandstone. Breaks into  
small chips w/ irregular surface.  
So bedding 057/265

87-26 Med grained congl with thin coarse  
sandstone bands. Weathers to light tan.  
Smooth rounded of.

First of to east is brown to grey to  
dull black micaceous sandstone. In thin  
intervals very coaly appearance.

87-27 Med. to coarse grained massive  
congl. Weathers to pale tan.  
Underlain by sharp contact by dk brown  
to brnsh grey dirty micaceous sandstone.  
Sandstone breaks w/ rough, conchoidal  
surface.  
So bedding 040/375

87-28. Dk br micaceous sandstone structurally  
overlies dk dull grey black siltstone to  
mudstone. SS weathers tan grey.  
Siltst. has strong pencil chip development in  
of surface along road.  
So bedding 042/205  
Orange weathering irregular concretions in sandstone.