

Sample # 0003

018282

NIS Sheet

Grass Lakes
Project -
Heavy Minerals

105K/06
1981

Stream width ~ 2ft

Flow Rate - slow

Sediment size

Sand, Clay, Silt, Granules.
a few boulder max size. 1m.

No Bar. - Cut Creek in Grassy

Area - some surroundy swamp

- Your Basic hoop-shirt Creek.

- Unsorted.

Colour - Rocks - Orange.

Sediment Brown.

Shovel fulls - 6. all full

There alot of large organic material
ie sticks roots etc.

Creek cut about 4ft into Overburden

Sample 81 G 005

NTS Sheet.

Stream Width ~ 10 ft.

Flow Rate - turbulent

Sediment Size

- boulder, Cobble, silt, sand
pebble, granule

Modal - Sand - granule

Un-Sorted

- Boulders to 1ft³

Side Bar

Colour - Grey-Brown

- Boulders → Brown

20 part shovels.

large amount of organic silt

Small land slide into creek
always up creek.

Sample # 81 G006
NTS Sheet

Stream width 10 ft
Flow Rate - Slow

Sediment Size - Sand
Some Clay

Modal - Sand.

Well Sorted.

Point Bar

Colour - Brown

3 full Shovels.

Some large organic Particles

Sample # 81-G-0009
NTS Sheet

Wass H 5 feet.
Flow Turbulent

Sediment

Size Sand & Everything Else

Modal Sand & Granules
Very Poorly Sorted.
Point Bar

Colour Sed - Brown - Orange
Rocks Brown & orange

35 - 24 part shovels
11 full "

Some of the banks may
contain material sample
from far up stream

Sample # 81G0012

Stream width ~ 4ft

Flow Rate ~ Turbulent

Sediment Size - Silt, Sand
Granules Cobbles.

Modal - Granules

Poorly Sorted.

Point Bar.

Colour - Brown.

19 - 6 full } Shovels
- 13 Partial }

large amount of organic mat'l
due to beaver hunkish
mat'l

Sample # 81G0011

width - 4ft.

flow rate - turbulent

Sediment Size - silt, sand.

Granules Cobbles.

Modal - Sand

Poorly Sorted.

Point Bar.

Colour - Brown.

Shovels - 8 full

There is fresh erosion at the banks of the creek where it has cut in to the organic over burden which could cause major elephant loaf contamination; However there was not much loaf visible in sample

Sample # 81G0010.

width - 3ft.

flow rate - turbulent.

Sediment size - Granule Sand, Silt

Modal - Sand

Well Sorted.

Sample taken from vertical
eddy in middle of stream.

Colour - Brown.

Shovels - 10 full

Stream had cut quite deeply
into organic overburden.

Some large organic material
present on sample site.

Sample # 81 G.O. 016

width - 10ft.

flow rate turbulent

Sediment size granule & sand

Modal - sand

well sorted.

Point Bar.

Color - Brown

Shovels - 10 Full

There was a cat track.

X stream about $\frac{1}{4}$ mile
above sample site

Some large organic material
taken from sample site

Sample # 81G0021

Grith 5ft,

Flowrate slow

Sediment size sand & cobbles

Modal - Sand

Well Sorted

- Sample taken from back
eddy behind fallen stamp

Colour - Brown

Shovels - 5 full

Hardly any organic material
no visible contamination
problems.

Take Short - Your Perfect Sample
Site!

81 G0023

width 6ft

flowrate turbulent

Sediment size Cobbles Pebbles

Granules sand & Boulder

Unsorted

Sample taken from back eddy

Colour - Grey

Shovels - 15 full

A lot of Cat activity all along creek. ∴ fresh erosion material in sample - there was a lot of Black sand in sample

Not much Organic Material

Sample # 81G0028

width ~ 4ft.

flow rate - fairly slow

sediment size - Boulder, Cobble
Pebble, Gravel, Sand.

Unsorted.

Sample taken from behind
Boulders and back eddy.

Colour - Brown

Shovels - 10 full

No fresh erosion visible.

Some large organic material
present at sample site