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A12251-398

Red & Slate

Felt Quartzite

COATES & Smith

25/6/69

105-N-16

Geology

PLOTTED
JULY '69

018169

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER.....*Tim Beets*.....

PHOTO NUMBER.....*A 12251-398*.....

DATE.....*25/6/69*.....

<u>Office Use Only</u>		
Map.....		
Date Plotted.....		
Plotter.....		

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
TC-69-29	A	N		✓			1'	<i>Underlain by red & Green slates</i>			
-50	✓	✓		✓			1'	"			
-31	✓	✓		✓			1'	"			
-32	✓	✓		✓			1'	"			
-33	✓	✓		✓			2'	"			
-34	✓	✓		✓			2'	"			
-35	✓	✓		✓			3'	"			
-36	✓	✓		✓			3'	"			
-37	✓	✓		✓			4'	"			
-38	✓	✓		✓			4'	"			
-39	✓	✓		✓			4'	"			
-40	✓	✓		✓				"			
-41	✓	✓		✓				"			
-42	✓	✓		✓				"			
-43	✓	✓		✓				"			
-44	✓	✓		✓				"			

105-N-16



GEORGE JOHNSY
JAN 22/69
A13251-437

PLOTTED
JULY 16 '69

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. *George Johnny*.....

PHOTO NUMBER. *A.12251-437*

DATE... *June 22, 1969*.....

Office Use Only

Map.....

Date Plotted.....

Plotter.....

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
0			SAND			organic	1 1/2 ft.				
1				SILT		organic	1 ft.				
2						organic	1 1/2 ft.				
3						organic	1 ft.				
4						organic	3 ft.				
5						organic	2 1/2 ft.				
6					clay	organic	4 1/2 ft.				
7						organic	4 1/2 ft.				
8					clay		2 1/2 ft.				
9						organic	3 ft.				
10					clay		5 ft.				
11						organic	6 ft.				
12						organic	6 1/2 ft.				
13						organic	7 ft.				
14						"	7 ft.				
15						"	7 ft.				

Red Slate

Red Slate

28

27

Red Slate

Red Slate

Red Slate

25
26
23
24

21

22

20

19

18

17

16

15

14

13

12

11

10

9

8

7

6

5

4

3

2

1

Also
164 & B
Rock chips

Slate
Red

Red
Slate

Red Slate

Quartzite

Red
Slate

Quartzite

Quartzite

#2

#3

#4

180

#5

#6

#7

quartzite
slate
5' thick
slaty part

#1

#2

#3

#4

#5

#6

#7

#8

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TRAIL NORTH WA 02/69
of "Uco" by COATES
105-N-16 E
DOG

#1 Triloboid buff ^P
to rusty quartzite - no to 120
medium ground - soil fragment of
black quartz -
intercalated with siliceous
quartzite - in soil fragment to
TC-69-13
of glauconitic layer

#2 on point of ramp
quartzite buff to green with
fragments of argillite #28
micaceous. TC-69-13

is sample of soil from hillside
in vicinity of magnetic anomaly

#3 Coarsely bedded quartzite
beds ...
in ...

Mt. Coarsely grained
quartzite beds exposed
Tops south

#4 Coarsely bedded quartzite
6' thick layers contain
little slaty phyllite (green to
brown. highly fissile)

There are 2 beds in the
quartzite ^{member} a lower
fine to m. g. bed and
a coarse ... to c. g.
bed

#5 N. to fault east West
white (mud sh.) ...
180
78

#6

Fine to med.

buff to red, weathers

quartzite T. S. Brown

100
35

#7 Medium white

fine, reddish quartzite

with muscovite (2-3")

interbeds of schistose

quartzite beds up to 4'

in thickness

026

#8 Peaker

Quartzite thick bedded
thin green shale

42

170

#9

Unbedded red & green

shale interbedded with quartzite

to

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. *George Johnny*.....

PHOTO NUMBER. *A. 12256-437*

DATE. *June 24* / 1969.....

105-N-16

Office Use Only

Map.....
Date Plotted.....
Plotter.....

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
24						"	1 1/2 ft.				
25						"	1 1/2 ft.				
26						"	1 1/2 ft.				●
27						"	1/2 ft.				
28						"	1 1/2 ft.				
29						"	1/2 ft.				
30						"	2 ft.				
31						"	2 ft.				
32						"	2 1/2 ft.				
33						"	3 ft.				
34						"	3 ft.				●
35						"	3 ft.				
36						"	3 1/2 ft.				
37						"	50 ft.				
38						"	52 ft.				
39						"	52 ft.				

Rod Smith.
June 29, 1969

~~105-N-15~~

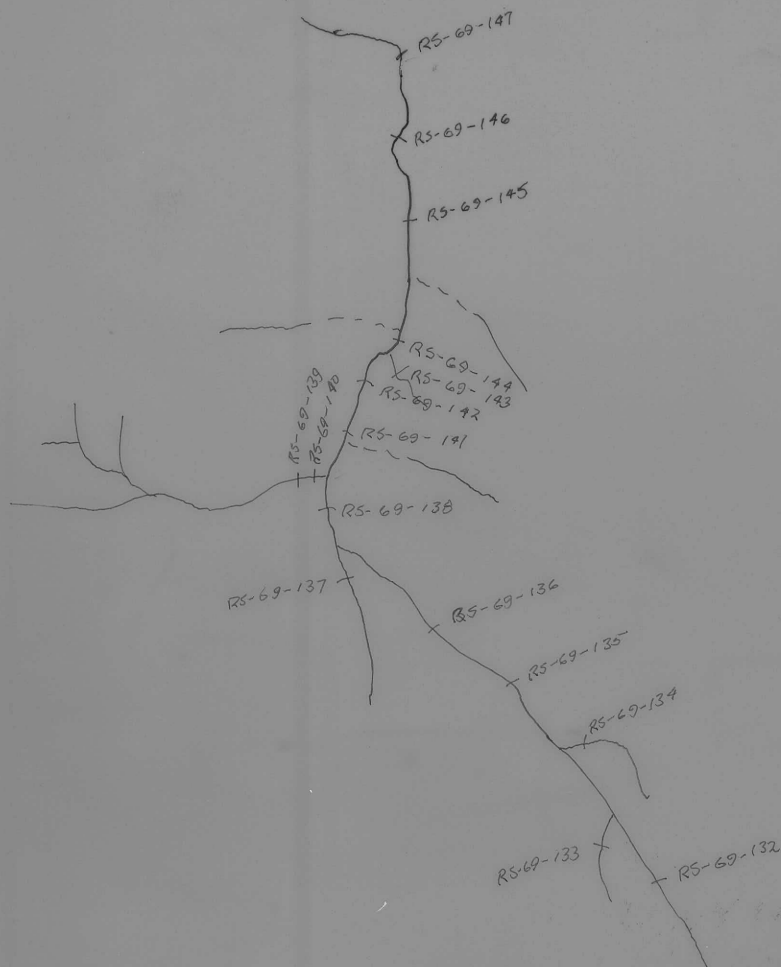
105-N-16

A122833-36

GEOCHEM RESULTS

LANGKONG RIVER.

A



PLOTTED
JULY '69

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM-SEDIMENT SURVEY DATA

SAMPLER... Rod Smith

PHOTO NUMBER... A12333-36

DATE... June 29/69

Office Use Only		
Map.....		
Date Plotted.....		
Plotter.....		

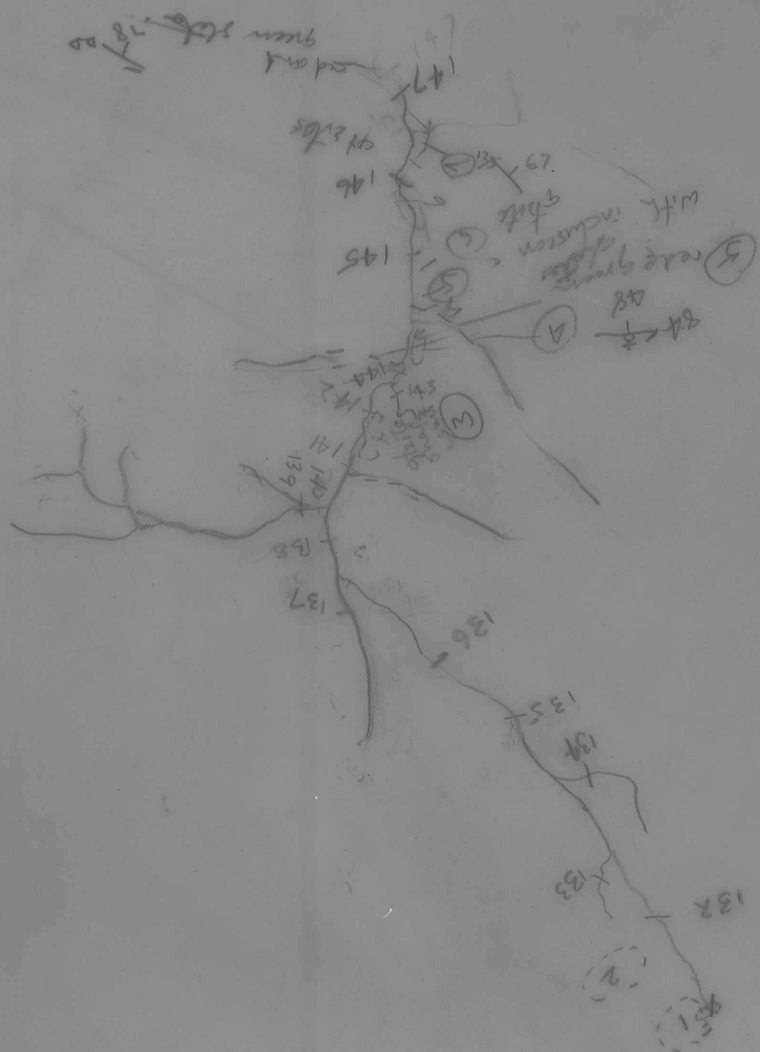
Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
132					✓		1				
133					✓	✓	1				
134					✓		3				●
135					✓		4				
136					✓		5				
137					✓		3				
138					✓		7				
139					✓		5				
140					✓		5				
141					✓		8	qtz in float			
142					✓		8				●
143					✓		1	rd slate pits in float			
144					✓		8				
145					✓		8				
146					✓		8				
147					✓		8				

Rod Smith
June 29/69.

A12333-36

105-N-501

105-N-501



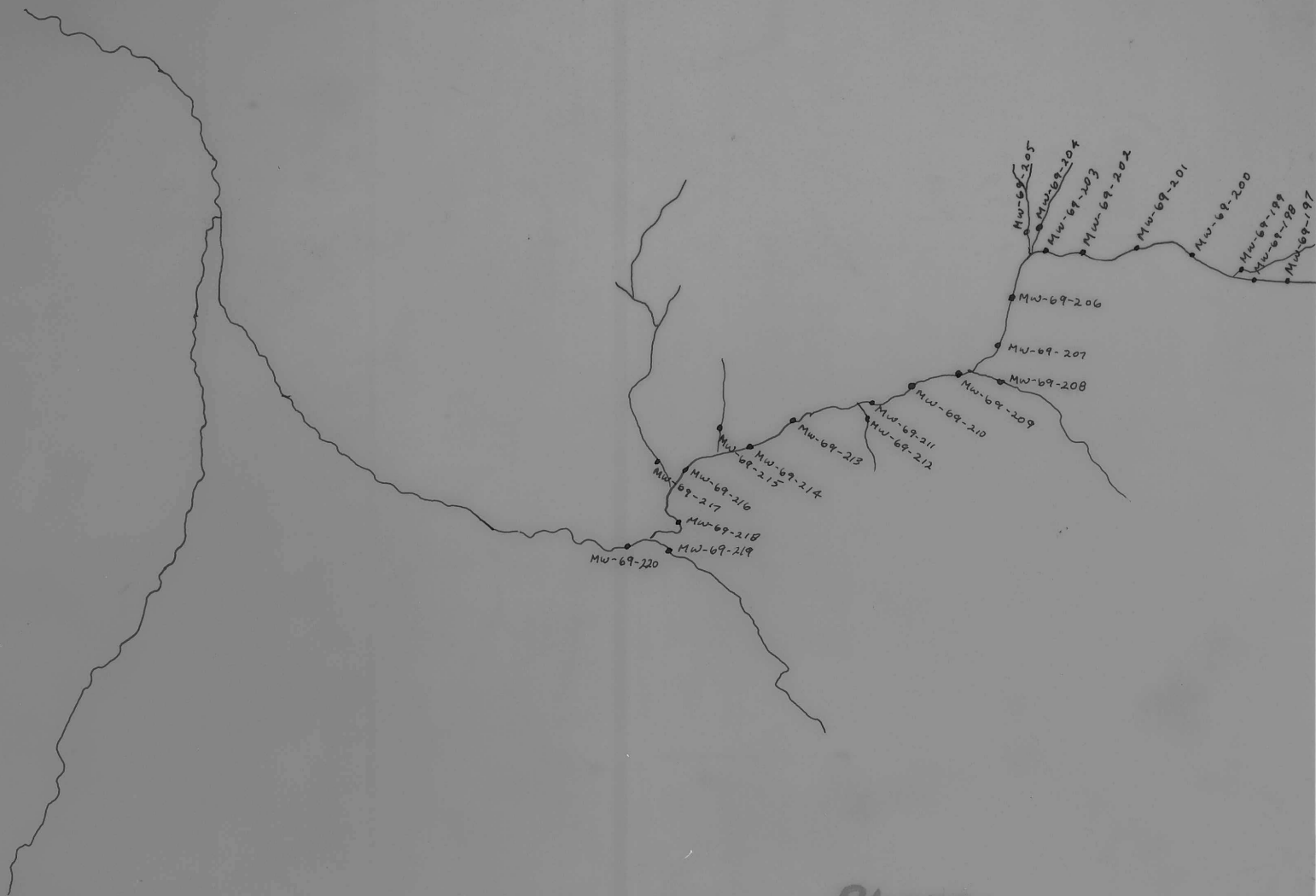
WALDNER

JUNE 29, 1969

105-N-16



A12260-41



PLOTTED

JULY 16/69

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER M. W. WALDNER.....

PHOTO NUMBER A-12260-41.....

DATE JUNE 29 1969.....

Office Use Only

Map.....

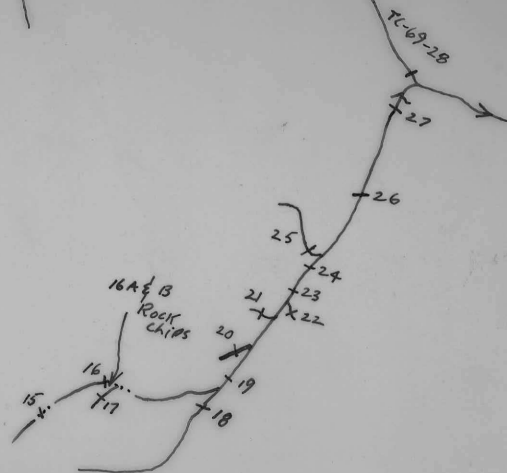
Date Plotted.....

Plotter.....

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
MW-69-197							Dry	- Red & Green Slates comprise sample - Quartz boulders			
198							3'	- silt Red & Green slate - trickles out of ground			
199							Dry	- Red & Green slate silt - Tributary			
200							3'	- Red & Green slate silt - By Quartz outcrop			
201							3'	- red green silt silt - In Red Slate above quartz outcrop			
202							3'	- outcrop Red slate - silt below quartz outcrop - silt R & G. slate			
203							3'	- quartz outcrop			
204							Dry	- R & G. Slates silt			
205							trickle	- small trickle (trib) - quartz outcrop - R & G. Slates silt			
206							3'	- R & Green Slates silt - red slate silt			
207							4'	- below quartz outcrop - R & G. Slates silt			
208							8'	- trib			
209							8'	- By quartz outcrop - R & G. silt			
210							8'	- no outcrop - R & G. silt			
211							8'	- Red silt			
212							2'	- Red silt - side silt			



Ridge top



• TC-69-14
(soil)

• TC-69-13
(soil)

Tim Coates
Geochem

22/6/69

105-N-16

• TC-69-12
Rock chip

PLOTTED
JUL. '69

A12251-434

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. COATES.....

PHOTO NUMBER. A-12251-484.....

DATE. June 22/69.....

Office Use Only

Map.....

Date Plotted.....

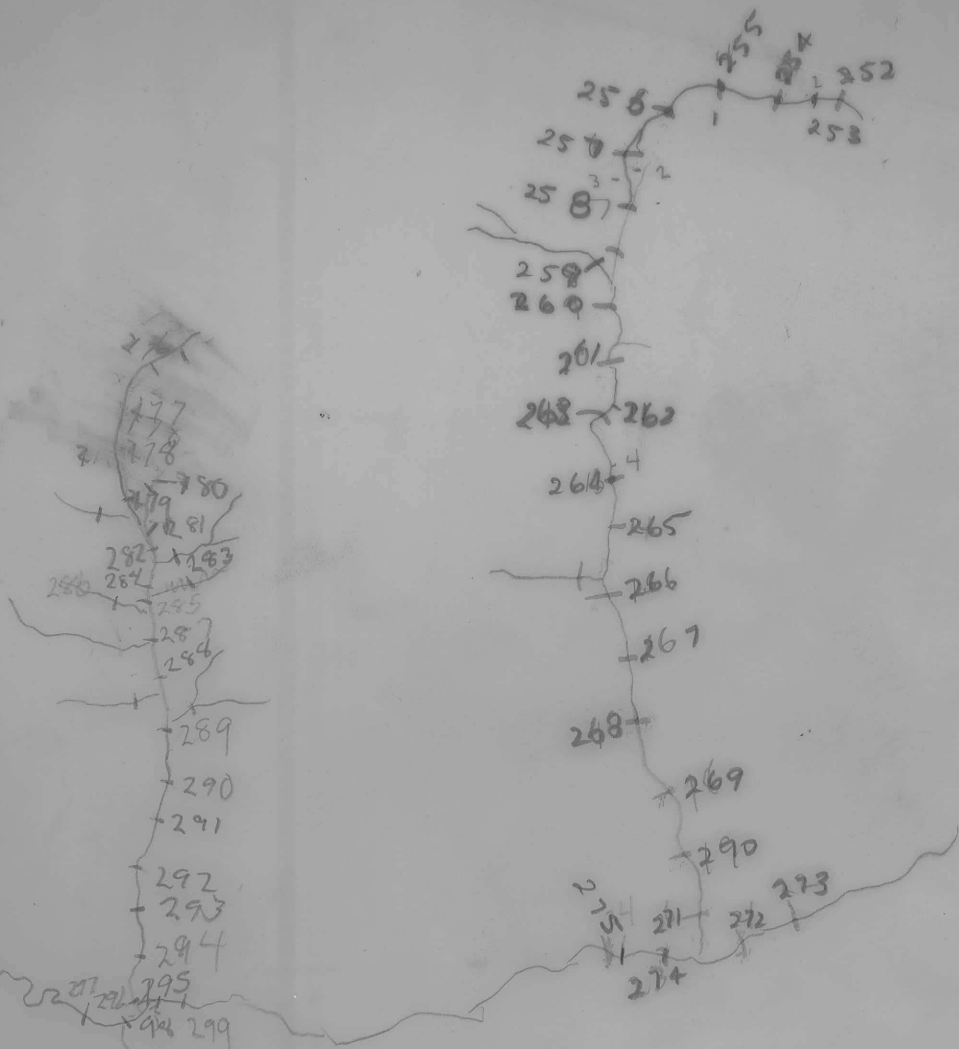
Plotter.....

Sample No.	Quartz P or A	Gossan or Min	Soil ✓		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
TC-69-12	P	X						Rock chips - phyllitic Layer ~ quartz phyllitic seq.			
TC-69-13	A	X			Soil		—	Soil sample in vicinity of May analysis.			
TC-69-14		✓			Soil			Light matrix alteration zone on slope below ridge			●
TC-69-15				silt			2'	Rock flour & silt			
16			Silt gravelly					Underlain by red slates			
18A								Caution bixia type (calcareous) rock chips			
18B								spotted dirt? type rock (see 19) silt from main drainage			
19				Silt				silt from tributary above waterfalls area of alluvial dikes?			
19								silt from main stream below waterfall red & green slates			
20								Small trib			●
21								trib stem (spring)			
22								small trib			
23								—			
24								Red & green slates			
25		✓						Rock material washed stream flowing in from the west			

JUNE 22, 1969

G. Haineult

PLOTTED
JULY 69



91-N-501

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER..... *Mary Hancock*

PHOTO NUMBER..... *A 12260-45*

DATE..... *June 23rd*

Office Use Only

Map.....

Date Plotted.....

Plotter.....

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
<i>251</i>	<i>P</i>				<i>✓</i>		<i>2 ft</i>	<i>Side of mt</i>			
<i>253</i>	<i>P</i>				<i>✓</i>		<i>2 "</i>	<i>"</i>			
<i>254</i>	<i>P</i>				<i>✓</i>		<i>"</i>	<i>"</i>			
<i>255</i>	<i>P</i>				<i>✓</i>		<i>"</i>	<i>Bottom of waterfall</i>			
<i>256</i>	<i>P</i>				<i>✓</i>		<i>5 ft</i>	<i>Bottom of STALLS</i>			
<i>257</i>	<i>P</i>				<i>✓</i>		<i>"</i>	<i>Side of Ravine</i>			
<i>258</i>	<i>P</i>				<i>✓</i>		<i>"</i>	<i>Just Before series of waterfalls</i>			
<i>259</i>	<i>P</i>				<i>✓</i>		<i>3 ft</i>	<i>Stream coming into Meadow</i>			
<i>260</i>	<i>P</i>				<i>✓</i>		<i>8 ft</i>	<i>Bending Stream</i>			
<i>261</i>	<i>P</i>					<i>✓</i>	<i>6 ft</i>	<i>Very deep</i>			
<i>262</i>	<i>P</i>				<i>✓</i>		<i>3 ft</i>	<i>Stream coming into</i>			
<i>263</i>	<i>P</i>				<i>P</i>		<i>12 ft</i>	<i>Just Before Rapids</i>			
<i>264</i>	<i>P</i>					<i>✓</i>	<i>8 ft</i>	<i>Rapids</i>			
<i>265</i>	<i>P</i>				<i>✓</i>		<i>"</i>	<i>"</i>			
<i>266</i>	<i>P</i>				<i>✓</i>		<i>4 ft</i>	<i>End of Meadow</i>			
<i>267</i>	<i>P</i>				<i>✓</i>		<i>6 ft</i>	<i>Side of Ridge</i>			

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER *Aug Haventill*

PHOTO NUMBER *A.12260-45*

DATE *June 22nd + 24th*

Office Use Only		
Map.....		
Date Plotted.....		
Plotter.....		

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
268	P				✓	<	8 ft	STARTING DOWN VALLEY			
269	P						"	HALF WAY DOWN VALLEY			
270	P				✓		8 ft	3/4 WAY DOWN VALLEY			
271	P				✓		2 ft	SWAMP			
272	P				✓		8 ft	"			
273	P				✓		"	"			
274	P				✓		"	Beside BEAVER			
275	P				✓		"				
276	P				✓		3 ft	Side of TALUS			
277	P				✓		"	"			
278	D				✓		"	"			
279	P				✓		"	"			
280	P				✓		5 ft	Stream coming into it.			
281	P				✓		"	"			
282	P				✓		"	"			
283	P				✓		"	Stream coming into it.			

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER Greg Daniels.....

PHOTO NUMBER 1712260-45.....

DATE June 24th.....

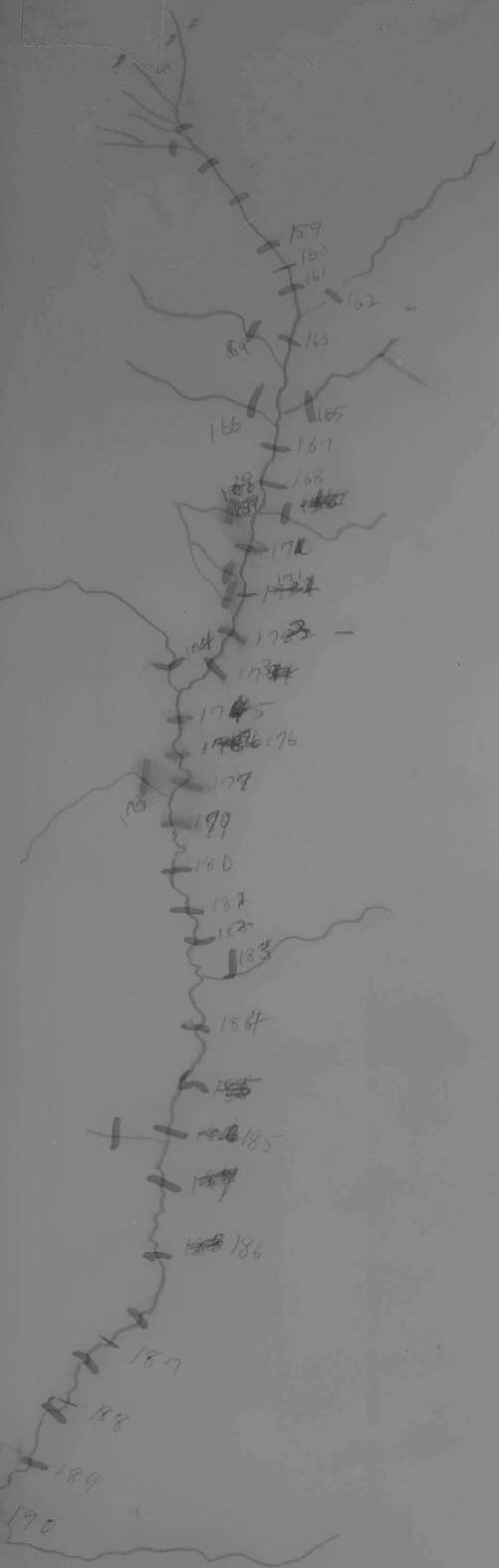
<u>Office Use Only</u>		
Map.....		
Date Plotted.....		
Plotter.....		

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
284	P				✓		6"	Stream coming into it			
285	10				✓		4'				
286	P				✓		6"	Stream coming into it			
287	P				✓		6 ft				
288	P				✓		16 ft				
289	P				✓		8 ft	End of meadow			
290	10				✓		"	Rapids			
291	P				✓		6 ft	near Big Rocks			
292	P				✓		8 ft	fork in stream			
293	P				✓		8 ft	Beside Washout			
294	P				✓		"	"			
295	10				✓		12 ft	Joining into one in valley			
6	"				✓		"				
7	"				✓		"				
8	"				✓		"				
9	"				✓		"				

GEORGE
JOHNNY

JUNE 28, 1969

605-N-16 ?



PLOTTED
JULY 1969.

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. *George Johnson*.....

PHOTO NUMBER. *A. 12251-433*

DATE. *June 28, 1969*.....

Office Use Only		
Map.....		
Date Plotted.....		
Plotter.....		

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
159						"	1 ft.				
160						"	1 ft.				
161						"	1 1/2 ft.				
162						"	3 ft.				
163						"	4 ft.				
164						"	3 ft.				
165					Clay		3 ft.				
166						"	2 1/2 ft.				
167						"	5 1/2 ft.				
168						"	6 ft.				
169						"	2 ft.				
170						"	6 1/2 ft.				
171						"	7 ft.				
172						"	7 ft.				
173						"	7 1/2 ft.				
174						"	4 ft.				

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER. *George Johnson*.....

PHOTO NUMBER *A 17.25.1-433*

DATE. *June 20/69*.....

Office Use Only

Map.....
Date Plotted.....
Plotter.....

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
175						"	9 ft.				
176						"	9 ft.				
177						"	9 1/2 ft.				
178						"	4 ft.				
179						"	10 ft.				
180						"	10 ft.				
181						"	10 1/2 ft.				
182						"	11 ft.				
183						"	1 1/2 ft.				
185						"	12 ft.				
186						"	12 ft.				
187						"	12 ft.				
188						"	14 ft.				
189						"	15 ft.				
190						"	17 ft.				



A 179-60-119

Wong's Survey
June 29 189
A12260-49
105-N-49

PLOTTED
JULY '69

ATLAS EXPLORATIONS LIMITED

GEOCHEMICAL STREAM SEDIMENT SURVEY DATA

SAMPLER *H. Honegalt*

PHOTO NUMBER *A-12251-394*

DATE *Feb 29th*

105-N-16

Office Use Only

Map.....

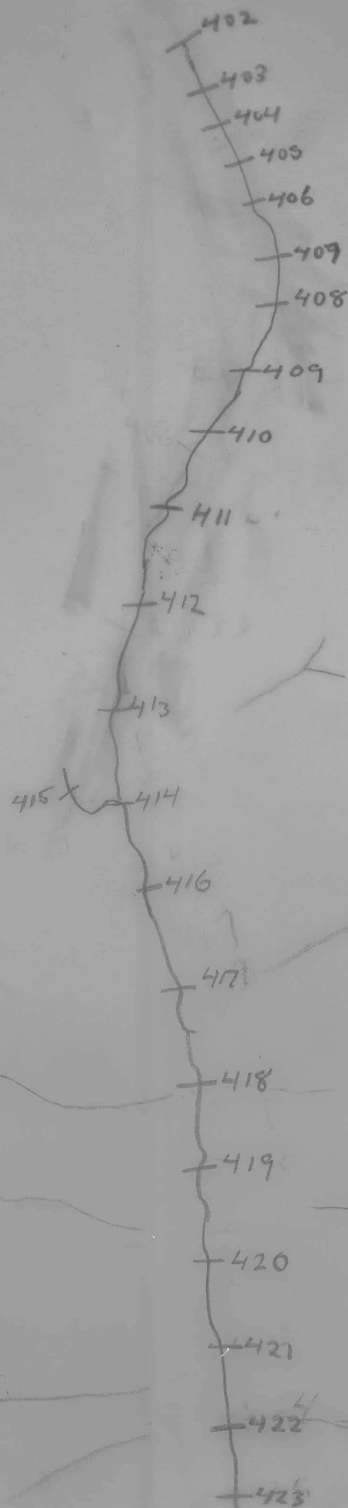
Date Plotted.....

Plotter.....

Sample No.	Quartz P or A	Gossan or Min	Soil		Silt		Stream Width	Remarks	Analytical Results		
			Sand	Silt	Clay	Organic			Cu	Pb	Zn
402	P				✓		2 ft	Rd slate			
403	P				✓		4 ft	red slate			
404	P				✓		8 ft	Red slate			
405	P				✓		4 ft	Red slate			
406	P				✓			"			
407	P				✓		6 ft	"			
408	P				✓		8 ft	"			
409	P				✓		2 ft	Stream coming into Red slate			
410	P				✓		6 ft	Red slate			
411	P				✓			"			
412	P				✓		2 ft	Stream			
413	P				✓		5 ft	Red slate			
414	P				✓		"	"			
415	P				✓		8 ft	"			
416	P				✓		10 ft	"			
417	P				✓		20 ft	"			

PLOTTED
JUL. 69

G. HAINES
105-N-16
A12251-394
June 29th



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