

SAMPLER S. ANGUS
DATE JULY 15-16/81PROJECT NEWEXNTS 104 K/9E
LINE _____
AIR PHOTO NO. _____

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS						
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Hg			
81-NXL																	
AT-90	LUNG CLASMS	10	B	Orange Brown	Fine	Low		Steep	grass	near contact of basalt and rhyolite on top of ridge.	<10	6	0.1	10			
A-91	"	10	B	light brown	"	"		"	"	just west of steep columnar jointing	<10	6	0.2	20			
A-92	"	"	"	Brown	"	"		MOD.	"	ON TOP of ridge above steep columnar jointing	<10	6	0.1	20			
A-93	"	"	"	Red Brown	"	"		STEEP	"	Basalt Boulders.	<10	14	0.1	50			
A-94	"	"	"	"	"	"		MOD	"	"	<10	5	0.2	20			
A-95	"	"	"	Rusty Brown	"	"		Slight	B. Grass	West of camp between camp and N.S. running ridge	<10	7	0.1	40			
A-96	"	"	"	light brown	Coarse	"		STEEP	"	ON N.S. running ridge.	<10	9	0.1	30			
A-97	"	"	"	"	Fine	"		Slight	Small trees		<10	4	0.1	40			
A-98	"	"	"	"	"	"		"	"		<10	4	0.1	30			
AT-99	"	"	"	"	Coarse	"		STEEP	no veg.	on top of steep jagged ridge where bright red pillars stand out.	10	6	0.1	30			

SAMPLER J. Pantler

PROJECT Newex

NTS 104K/9E

LINE LUNG 1

DATE July 14 - July 16/81

AIR PHOTO NO. _____

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Hg
81- NXL- BT-91	before 1st gully E-W ridge	-	B	buff - slightly rusty br	fine - med.	<2	dry	steep	-	vesicular basalt w/ botryoidal hematite overlain by acid scoria	<10	16	0.1	50
BT-92	E-W ridge	-	C	very rusty br	fine clay	<2	"	"	-	below rusty columnar jointed basalt, above vesicular rhy	<10	10	0.1	40
BT-93	in gully E-W ridge	1	B	rusty br	fine	<2	"	"	-	beneath felsic volc breccia - agglom which is beneath columnar basalts	<10	9	0.1	30
BT-94	after gully 1st ridge	-	B	v. rusty br	"	"	"	"	-	beneath rusty olc basalts.	<10	43	0.1	60
B-95	SE/1900N	-	B	dk br.	"	<2	"	flat	grass	on top columnar basalt	<10	17	0.1	30
B-96	4N/2420E	-	B	rusty br	med	"	"	"	grass moss	top of basalts.	<10	24	0.1	40
BT-97	5 slope N-S ridge	-	B	rusty OR.	"	"	"	steep	some moss	beneath rusty rhy	20	230	0.1	20
BT-98	"	-	C	rusty OR.	fine	"	"	"	-	with rusty rhy float	10	43	0.1	20
BT-99	"	-	C	rusty br. or	med	"	"	"	grass	with rusty basalt + basalt blds	<10	20	0.1	30
BT-100	"	-	C	"	med- coarse	"	"	v. steep	some grass	rusty rhyolite.	<10	4	0.1	30
BT-101	"	-	C	"	med.	2	"	steep	-	beneath rusty pie rock (clt balls coating reddish br. basalt)	20	5	0.1	30

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SAMPLER J. Pautler, Susan Kay
DATE June 23 - June 24/82

PROJECT Newex - LUNG 1

NTS 104 K/9E

LINE _____

AIR PHOTO NO. BC 5618 219

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Zn	
82-NXL-BT 16	w end E-W ridge	-	C	lt Or	coarse fine	-		mod. flat	some moss scrub						
17	further S.	-	C	lt rusty br	med	-		"	Some moss	below or basalt blds.					
18	"	-	C	rusty	coarse	-		flat	-	basalt float					
19	N-S ridge	2	C	rusty br	fine	-		mod	-	scoriae + lapilli tuff talus					
20	"	1	C	lt Or	"	few		steep	-	beside carrots pumicey high yellow volc or volc sdst??					
21	"	-	C	rusty Or	coarse	"		mod	weeds	below rusty agglomerate?					
22	"	5	C	Or-Br	sandy fine	"		"	-	below " "					
23	"	7	C	Or-Br	med coarse	"		"	grass	20m S of BT 22					
24	"	3	C	rusty Br	fine	"		"	grass	below rusty, horiz sdst or pumice-like etc.					
TALUS LINE 1:		at	50m intervals												
82-NXL-BT 25		-	C	lt br-buff	fine pebbly sand	-		mod	-						
26		-	C	cream	fine coarse	-		"	-	only 30m from BT 25					
27		2	C	lt br	med clayey sand	-		"	-						
28		-	C	cream	fine-med sandy	-		"	bushes						
29		5	C	rusty	clayey	-		steep	-	below vesicular basaltic Pk lap. tuff?					
30		7	C	lt br	fine clayey	-		bottom of steep	-						
31		3	C	"	coarse pebbly	-		mod	-						
32		5	C	rusty Or.	med clayey	-		"	-						

SAMPLER J. Pautler, S. Kay

DATE June 24/82

PROJECT Newex - LUNG1

NTS 104 K/9E

LINE _____

AIR PHOTO NO. BC 5618 219

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS							
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Zn				
TALUS LINE	2: Rusty		at															
82 NXL BT 33		3	C	med br	fine clayey	-		steep	-	below agglomerate - basaltic matrix, felsic volc fragments.								
BT 34		7	C	lt br	pebbly sand	few		mod	-	"								
BT 35		7	C	med br	"	"		"	-	"								
BT 36		-	C	lt grey	pebbly coarse	-		"	-	below pumice-like yellow volc, resembles sdat								
BT 37		5	C	med br		few		"	-	"								
BT 38		5	C	lt br	pebbly sand	-		"	-	"								
BT 39		5	C	or-br	"	-		"	-	only 30m from BT 38								
TALUS LINE 3:			at															
Bt-40		5	C	med br.	clayey sand	few		gentle	scrub									
Bt-41		7	C	dk br.	coarse	-		mod.	-									
Bt-42		-	C	buff	coarse sandy	-		mod	scrub									
Bt-43		-	C	buff	coarse	-		mod.	-									
Bt-44		10	C	med br.	fine clayey	few		mod	scrub									
Bt-45		-	C	lt br	med. sandy	few		mod	scrub									
Bt-46		10	C	greenish br.	coarse clayey	few		mod	scrub									
TALUS LINE No. 4:			at															
Bt-47		7	C	lt. br	med. clayey	few		gentle	-									
BT-48		5	C	med. br.	clayey sand	few		mod	-									
BT-49		2	C	med. br.	med. clayey sand	few		mod	-	only 30m from BT-48								

SAMPLER J. Pautler, S. Kay
DATE June 25/82

PROJECT Newex-Lung 1

NTS 104K/9E
LINE _____
AIR PHOTO NO. BC- 5618 219

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Zn
TALUS BT-50	LINE No 4.	1	(cont) C	med br	clayey sand	few		mod	-	only 45 m from BT-49				
BT-51		2	C	med. br.	clayey sand	-		mod	-					
BT-52		2	C	med. br.	coarse pebbly	mod		mod	-					
BT-53		1	C	or. red.	fine clayey sand	few		mod	scrub					
TALUS	LINE No. 5:			along	ridge W of camp;			at 50m		intervals				
BT-54		2	C	pink. red	med. pebbly sand	few		gentle	bush					
BT-55		-	C	pink brown	med. sand	-		gentle	-	overlying pink o/c; (L-10)				
BT-56		3	C	lt br.	clayey sand	-		mod	-					
BT-57		5	C	lt. or. br.	med. pebbly sand	few		gentle	scrub	overlying fine to med pumice (vesicular layers)				
BT-58		3	C	lt. br.	fine clay	-		mod	-	vesicular andesite w porph trachyte above				
BT-59		5	C	lt. br.	med pebb sand	-		mod	-					
BT-60		10	C	or. br.	clayey sand	few		gentle	scrub	start of dark basalt o/c				
BT-61		5	C	or. br.	coarse pebb sand	few		mod	-					
BT-62		7	C	med br.	med. pebb sand	few		mod	-					
BT-63		5	C	pale or. br.	med pebb sand	few		mod	-					
TALUS	LINE No 6			(beneath	columnar basalts)			- 50m		intervals				
BT-64		-	C	rusty or	med.	-		mod	-	} columnar basalt, porphyritic trachyte, pumice.				
BT-65		3	C	cream	med	few		mod	scrub					
BT-66		15	C	lt br	clayey sand	few		mod	-					
BT-67		-	C	cream	coarse pebb sand	-		mod	scrub					

SAMPLER J. Pautler, S. Kay
DATE June 26, 1982

PROJECT Newex-Lung 1

NTS 104K/9E
LINE _____
AIR PHOTO NO. BC 5618 219

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS				
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Zn	
BT-68		2	C	rusty	coarse pebb sand	-		gentle	scrub	only 30 m from BT-67					
BT-69		-	C	lt or.	fine pebb sand	-		mod	scrub						
BT-70		3	C	med br.	med clay sand	few		mod	scrub						
BT-71		5	C	med br.	med clayey	-		mod.	scrub						
BT-72		-	C	cream	fine to med sand	-		mod.	scrub						
BT-73		-	C	lt br.	med sandy	-		mod	-						
TALUS LINE NO. 7.			(continuing	along ridge of columnar basalts						east of wooded ridge)	columnar basalt, layers of altered porph + trachyte, pumice.				
BT-74		5	C	med br	silty sand	-		mod.	-						
BT-75		-	C	cream	fine sandy	-		mod	-						
BT-76		-	C	lt br.	med sandy	-		mod	-	60 m from BT-75					
BT-77		7	C	med br.	fine silty sand	-		mod	-						
BT-78		-	C	lt br.	med	-		mod	-						
BT-79		-	C	lt br.	fine sandy	-		mod	-						
TALUS LINE NO. 8															
BT-80		7	C	med br.	med clay sand	few		mod	-	} columnar basalt with layers of vesicular basalt and scoriae					
BT-81		10	C	med br.	clayey sand	-		mod	-						
BT-82		7	C	rusty or. br.	med pebb sand	-		mod	-						
BT-83		10	C	med br.	coarse pebb clay	few		mod	-						

SAMPLER J Pautler, Susan Kay.

DATE June 27 / 82 - 30th

PROJECT Newex LUNG 1

NTS 104K19E

LINE

AIR PHOTO NO. ^{BC} 5618 219

SAMPLE NO.	LOCATION	Depth cm	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Zn
82-NX BT 84	beside stream along N-S ridge w. carrots	-	C	rusty Br	med pebbly sand	-		mod	scrub	below volc sdst etc.				
BT 85	4N/1.2E	3	C	Or-Br	med sandy	-		steep	"	below basalt above sdst.				
BT 86	N of claim	2	C	Red-br	fine pebbly sand	-		gentle	-	above steep slope with sdst.				
BT 87	Rusty ridge N of claims	-	C	rusty Or-Br	fine coarse sandy	few		steep	-	above on basalt				
BT 88	"	-	C	Or-Br	"	-		flat	-	on top of basalt etc.				
BT 89	gully N of camp	1	C	yellow or	med sandy	-		mod.	scrub					
BT 90	N of col. basalts goat tail near camp	5	C	med br	fine clayey sand	mod		"	-					
BT 91	91 N of claims	2	C	yellow -OR	fine sandy	few		"	-	near BT 16				
BT 92	92 N of claims	-	C	med br	"	"		"	-					
BT 93	"	5	C	lt OR- Br	med pebbly sand	-		"	-					
BT 94	"	5		buff	fine sandy	few		"	scrub					
82-NX BT 507	NE of Carrots	5	C	dk red brown	fine	few		mod	scrub	overlying rusty weath. basalt				
BT 508	upslope from BT22	5	C	pink red	fine	few		gentle	spruce					
BT 509	upslope from BT23	5	C	dk or brown	med	med		gentle	spruce					
BT 510	along ridge NE of camp	5	C	lt. red brown	coarse	few		gentle	scrub	basalt etc;				
BT 95	N of claims	-	C	rusty br	fine sandy	few		gentle	-	on top of vesic. basalt				
BT 96	"	3	C	med br	fine pebbly sand	mod		mod.	scrub scrub					

NTS 104 K / 9E

SAMPLER J. Pawtler, S. Kay

LINE _____

DATE June 27 / 82, June 29

PROJECT Newex LUNG 1

AIR PHOTO NO. BC 5618 219

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As	Ag	Zn
82-NX- B-30	N of 4N/1-SE	3	B	Rusty med br	fine sandy	none few		flat gentle	scrub					
B-31	"	3	B	Rusty or	"	few		gentle	"					
B-32	"	5	B	Red br	med sandy	"		"	"					
B-33	on slope of rusty with N of claim	7	B	Rusty Or-Br	pebbly clay	"		mod.	—					
B-34	just N of 4N/2E	3	B	yellow OR	fine clayey sand	"		flat	scrub					
B-35	back side of level Mtn basalts	1	B	med br	fine sandy	mod		mod.						
B-36	"	1	B	dk rusty br	fine clay	—		mod	—					
B-37	"	2	B	rusty	fine clayey sand	lots		"	grass moss					
B-38	"	2	B	dk br	med clayey sand	mod		"	—					
B-29	"	5	B	med br	fine silty	few		mod	—					
82-NX B-515	NE of Carrots	5	B	pink- red	sandy	—		mod	grass +moss	basalt OTC				

A P P E N D I X II

GEOCHEMICAL PROCEDURE