J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – ~~SOIL~~ TALUS SAMPLING

671718

NTS 104 J 6W

LINE

AIR PHOTO NO. BC 5358 #184 & 186

SAMPLER ECHO 7

DATE JULY 8-15/82

PROJECT LEVEL MOUNTAIN
NEWEX

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Ag	As	Au	Hg
82-NX-	ET-1	#186	BC5358			<1		ridgetop		rhyolite flow & breccia - stained yellow & red	0.1	7	10	250
	ET-2	#186		Black		<1		ridgetop		basalt	0.1	3	<10	30
	ET-3	5cm		Br	gravel → sand	<1		mod	–	rhyolite flows + porphyritic buff volcanic (phonolite(?))	0.1	9	20	140
	ET-4	5cm		Br	gravel → sand	<1		Mod	–	rhyolite flows + phonolite	0.1	9	10	220
	ET-5	5cm		Br	gravel → silt	<1		Mod	–	rhyolite dome sliderock.	0.1	15	<10	100
	ET-6	5cm		Yel Br	gravel → silt	<1		Mod	–	phonolite	0.1	55	<10	110
	ET-7	5cm		Rd Br	gravel → sand	<1		Mod	–	rhyolite dome sliderock	0.1	17	<10	80
	ET-8	5cm		Yel Br	gravel → clay	<1		Mod	–	rhyolite dome sliderock	0.1	16	<10	190
	ET-9	5cm		Br	gravel → silt	<1		Mod	–	rhyolite dome sliderock + phonolite	0.1	17	<10	260
	ET-10	5cm		Br	gravel → sand	<1		Mod	–	rhyolite dome sliderock + vesicular basalt.	0.1	9	<10	550
	ET-11	5cm		Br	gravel → silt	<1		Mod	–	rhyolite flows + phonolite	0.1	7	<10	590
	ET-12	5cm		Br	gravel → silt	<1		Mod	–	rhyolite dome sliderock + vesicular basalt float	0.1	12	<10	610
	ET-13	5cm		Br	gravel → silt	<1		Mod	–	rhyolite dome sliderock	0.1	5	<10	90
	ET-14	5cm		Br	gravel → silt	<1		Mod	–	rhyolite dome sliderock + vesicular basalt float	0.1	5	<10	60
	ET-15			Br		<1				rhyolite dome	0.1	9	<10	360
	ET-16			Yel Br		<1				rhyolite flows	0.1	22	20	280
	ET-17			Yel Br		<1				dome and flows (rhyolite)	0.1	25	<10	620
	ET-18			Br		<1				rhyolite dome	0.1	15	10	140
	ET-19			Yel Br		<1				flows (78)	0.1	50	<10	80
	ET-20			Red		<1				flows - esp. white rhyolite, rusty (realgar?)	0.1	310	<10	60

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – ~~SOIL~~ TALUS SAMPLING

NTS 104J6W

SAMPLER ECHO 7

LINE

PROJECT NEWEX – LEVEL MTN

DATE JULY 8–15 1982

AIR PHOTO NO. BC 5358 # 184

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS TALUS PETROLOGY	ASSAYS Ag	As	Au	Hg
82NXET-21				Yel Br & Rd		<1				Rhyolite flow – white vessicolar (orpiment + realgar?)	0.4	370	410	70
22				Yel Br						" " " "	0.1	225	410	40
23				Br						Mixed	0.1	100	410	90
24				Yel Br						Mixed – purple & white brec. rhy. flow (orp + real)	0.1	79	410	30
25				Br						Rhyolite flow & dome	0.1	24	10	110
26				Rd Br						White rhyolite, flowbanded (real + orp)	0.1	65	410	240
27				Yel Br						Vessicular white rhyolite flow (Sulphur? orp?)	0.1	550	410	80
28				Red						white rhy. flow (realgar)	0.2	30	20	290
29				Br						rhyolite dome	0.1	39	410	4100
30				Yel Br						white rhyolite flows.	0.1	22	410	630
31				Br						dome rhyolite	0.1	43	410	670
32				Yel Br						mixed – dome and flow rhyolite	0.1	29	10	620
33				Gr Br						mixed	0.1	15	210	730
34				Gr Br						mixed – mostly brown dome rhy; white massive brec. & white scoriaceous	0.1	10	410	340
35				Gr Br						Purple & brecc. white rhy. flows	0.1	10	410	600
36				Gr Br						Dome & silicified white rhy	0.1	30	10	880
37				Br						Dome & white rhy	0.1	6	410	470
38				Yel Br						Silicified white brec. rhy & dome rhy.	0.1	7	410	1200
39				Gr Br						Sedimentary congl; scoriaceous basalt; white flow rhy	0.1	7	410	970
40				Br						Scor. basalt; white flow rhy.	0.1	9	410	90

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – ~~SOIL~~ TALUS SAMPLING

SAMPLER: ECHO 7

DATE: JULY 8 - 15, 1982

PROJECT: NEWEX - LEVEL MTN

NTS: 104 J 6 W

LINE:

AIR PHOTO NO.: BC 5358 # 184

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS Talus rock type	ASSAYS Ag	As	Au	Hg
82NXET-41				Br						Mixed	0.1	6	<10	40
42				Br						Mixed	0.1	9	<10	30
43				Yel Br						Scoriacious basalt + green flow rhyolite (flow b)	0.1	4	<10	20
44				Gr Br						Mixed	0.1	6	<10	20
70				Yel Br						White flow rhyolite	0.1	57	10	40
71				Yel Br						"	0.1	50	<10	70
72				Br						" (vessicular)	0.1	33	<10	50
73				Yel Br						" & trachyte	0.1	22	<10	60
74				Br						White flow rhyolite	0.1	90	<10	40
75				Yel Br						" & some dome rhyolite	0.1	77	<10	80
76				Br						Mixed	0.1	61	<10	110 ✓
77				Br						white rhy	0.1	29	40	440
78				Br						dome & white flow rhy.	0.1	63	<10	300
79				Yel Br						white massive rhy	0.1	80	40	330
80				Yel Br						dome & white rhy	0.1	73	20	120
81				Yel Br						white rhy	0.1	65	10	60
82				Br						white & dome rhy	0.1	32	20	70 ✓
83				Br						"	0.1	63	<10	30
84				Yel Br						white flow (realgar) + dome rhy.	0.1	185	<10	140 ✓

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – ~~SOIL~~ TALUS SAMPLING

NEVADEX SYNDICATE

SAMPLER: ECHO

DATE: JULY 8 - 15/82

PROJECT: LEVEL MOUNTAIN / 07

NTS: 104 J 6 W

LINE:

AIR PHOTO NO.:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Ag	As	Au	Hg
82-NX-	ET-41													
	ET-42													
	ET-43													
	ET-44													
	ET-45	5cm		Br	gravel→ sand	<1		Mod	–	Rhyolite dome outcropping. Rhyolite flow slide rock to south	0.1	12	<10	40
	ET-46	5cm		Br	gravel→ silt	<1		Mod	–	Rhyolite dome o/c, vesicular basalt.	0.1	5	<10	20
	ET-47	5cm		Br	gravel→ sand	<1		Mod	–	Rhyolite dome, vesicular basalt float.	0.1	6	<10	20
	ET-48	5cm		Rd Br	gravel→ silt	<1		Mod	–	contact: upperlying rhyolite dome, overlying red vesicular basalt - yellow-orange vesicle lining	0.1	9	<10	20
	ET-49	5cm		Br	gravel→ sand	<1		Mod	–	Rhyolite dome o/c.	0.1	7	<10	20
	ET-50	5cm		Br	gravel→ sand	<1		Mod	–	Rhyolite dome slide rock (Rhyolite Green flow?)	0.1	9	<10	20
	ET-51	5cm		Br	gravel→ silt	<1		Mod	–	Rhyolite dome o/c. Side of small gulley (Green Rhyolite Flow?) Almost soil.	0.1	6	<10	30
	ET-52	5cm		Br	gravel→ sand	<1		Mod	–	Rhyolite Flows + minor rhyolite breccia.	0.1	14	20	80
	ET-53	5cm		Br	gravel→ silt	<1		Mod	–	Rhyolite dome slide rock + vesicular basalt.	0.1	7	10	60
	ET-54	5cm		Br	gravel→ silt	<1		Mod	–	Congl., basalt, rhyolite uphill.	0.1	9	<10	30
	ET-55	5cm		Br	gravel→ silt	<1		Mod	–	Rhyolite dome + Rhyolite flow.	0.1	7	<10	100
	ET-56	5cm		Br	gravel→ silt	2		Mod	–	Rhyolite Flows.	0.1	5	<10	50
	ET-57	5cm		Br	gravel→ silt	2		Mod	–	Rhyolite flows + dome float.	0.1	5	<10	40
	ET-58	5cm		Br	gravel→ sand	<1		Steep	–	Rhyolite flows + Rhyolite breccia.	0.1	7	<10	90
	ET-59	5cm		Br	sand→ gravel	<1		Steep	–	Flows: Rhyolite & ash flow tuff.	0.1	14	20	520
	ET-60	5cm		Br	sand→ gravel	1		Gentle	–	Rhyolite Float. Ash flow tuffs.	0.1	4	<10	30
	ET-61	5cm		Br	sand	<1		Mod						

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – ~~SOIL~~ TALUS SAMPLING

SAMPLER: ECHO

DATE: JULY 8-15/82

PROJECT: LEVEL MTN. /07

NTS: 104J 6W

LINE:

AIR PHOTO NO.:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Ag	As	Au	Hg
82-NX-	ET-61	5 cm		Br	sand	<1		Mod	-	Flows: Rhyolite & ash flow tuff	0.1	23	<10	70
	ET-62	5 cm		Br	gravel→sand	<1		Mod	-	Ashflow tuff	0.1	4	<10	20
	ET-63	5cm		Br	gravel→sand	<1		Steep	-	Ashflow tuff	0.1	4	<10	20
	ET-64	5cm		Br	gravel→sand	<1		Steep	-	Ashflow tuff.	0.1	3	<10	10
	ET-65	5cm		Br	gravel→sand	1		Steep	-	Ashflow tuff	0.1	4	<10	10
	ET-66	5 cm		Br	gravel→sand	<1		Mod	-	Ashflow tuff	0.2	4	<10	10
	ET-67	5 cm		Br	gravel	<1		Mod	-	Ashflow tuff.	0.1	7	20	20
	ET-68	5cm		Br	gravel	<1		Mod	-	Ashflow tuff float.	0.1	5	10	30
	ET-69	5cm		RdBr	gravel→sand	<1		Mod	-	Vesicular basalt frost heaved debris.	0.1	15	20	20
	ET-85	5 cm		Br	gravel→sand	<1		Steep	-	Below vesicular basalt - ashflow tuff contact.	0.1	7	<10	20
	ET-86	5 cm		Br	gravel→sand	<1		Steep	-	Below vesicular basalt - ashflow tuff contact.				
	ET-87	5 cm		Br	gravel→sand	<1		Mod	-	Contact: vesicular basalt + conglom. - ashflow tuff.	0.1	6	<10	20
	ET-88	5 cm		Yel Br	gravel→sand	<1		Mod	-	Contact: conglomerate - ashflow tuff	0.1	7	<10	20
	ET-89	5 cm		Yel Br	gravel→sand	<1		Mod	-	Contact: conglomerate - ashflow tuff.	0.1	6	<10	20
	ET-90	5 cm		Br	gravel→sand	<1		Mod	-	Below Ashflow tuff.	0.1	6	<10	20
	ET-91	5 cm		Br	gravel→sand	<1		Mod	-	Below rhyolite dome - conglom. contact	0.1	5	<10	10

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

NTS 104 J 6W

SAMPLER ECHO

PROJECT LEVEL MTN. / 07

LINE

DATE JULY 8 - 15 / 82

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth (cm)	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Ag	As	Au	Hg
82-NX	E- 195	15	B?	Yel Br	sand-silt	2		Mod	—	Gossan- small in extent.	0.1	7	<10	50
	196	20	B	Rd Br	sand	5		Gentle	lichen, grass.		0.1	3	<10	40
	197	20	B?	Br	clay-silt	5		Gentle	grass.		0.1	3	<10	40
	198	20	B	Rd Br	sand-silt	5		Gentle	grass		0.1	4	<10	20
	199	15	B	Rd Br	sand	5		Level	grass		0.1	5	<10	40
	200	15	B	Yel Br	sand.	2		Gentle	—	Gossan- small in extent.	0.1	38	<10	60
	201	20	B	Rd Br	clay-silt	2		Gentle	Sparse grass.		0.1	3	<10	100
	202	20	B	Br	silt	10		Gentle	Grass & shrubs.	South end of lake	0.1	9	<10	50
	203	20	B	RdBr	silt	5		Gentle	Grass.	North slope of ck flowing east.	0.1	22	<10	70

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – STREAM SILTS

NEWEX SYNDICATE

SAMPLER ECHO 7 - LEVEL MT.

PROJECT NX

NTS 104 J 6W

CREEK

DATE JULY 8 - 15, 1982

AIR PHOTO NO. BC5358 #184 & 186

SAMPLE NO.	VOLUME Width	VOLUME Depth	VELOCITY	Ph	TYPE OF SAMPLE	COLOUR	TEXTURE	% ORGANIC MATERIAL	PETROLOGY OF BEDROCK AND/OR FLOAT	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Ag	ASSAYS As	ASSAYS Au	
82NXV-35	2m	15cm	Mod		Behind rocks	Br	silt/sand	2	Mixed	Flows E #184	0.1	5	<10	
36	40cm	3cm	Mod		Behind rocks	Br	silt/sand	2	Basalt	#186	0.1	6	<10	
37	50cm	10cm	Mod		Backwater	Br	sand/silt	2	Mixed	#186	0.1	15	<10	
38	1m	20cm	Mod		Backwater	Yel Br	sand/silt	<1	white rhyolite flows, rusty.	#184	0.1	51	<10	
39	50cm	10cm	Mod		Backwater	Br	silt/clay	5	dome rhyolite	"	0.1	11	<10	
40	1m	10cm	Mod		Backwater	Br	silt/gr/clay	5	dome rhyolite	"	0.1	15	<10	

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

NEWEX SYNDICATE

NTS 104 J6W

SAMPLER ECHO 7

PROJECT NEWEX LEVEL MTN.

LINE

DATE JULY 8

AIR PHOTO No. BC 5358 #184

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Ag	As	Au	
(1)	73701	2500 m SE of camp. Main gossan	Flow rhyolite		No sulphides; orpiment and realgar on weathered surfaces and in vessicles. Deeply weathered.					0.1	12	<10	
(2)	73702	S. end of main gossan. 4100 m SE of camp	White massive flow rhyolite	Pale blue qtz stringers. Some clear vuggy qtz stringers in brecciated rock.	No sulphides visible. Minor realgar & orpiment(?) stain.		Talus along 400 m of slope. Deeply weathered. No outcrop. Brecciated (flow?) less common than massive.			0.1	36	<10	
(3)													
(4)													
(5)													
(6)													
(7)													
(8)													
(9)													
(10)													
(11)													
(12)													
(13)													
(14)													
(15)													
(16)													
(17)													
(18)													
(19)													
(20)													

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

NTS 104 J

SAMPLER C. KOWALL

PROJECT NEWEX - LEVEL MTN

LINE

DATE

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	As.	Ag	Hg
(1)	77599 B	OPAL PEAK C-1	HEAVILY KAOLINIZED TAN ALTERED VOLCANIC, BOX WORKS WITH SOME OPAL				HEAVY OPEN IRON STAINED WEST END OF ZONE		<10	7	0.1	400
(2)	77600 B	C-2	LIGHT COLORED VOLCANIC OPAL STRINGERS				MIDDLE OF ZONE		10	7	0.4	180
(3)	28224 B	C-3	PINKISH VOLCANIC OPAL-IRON OXIDES STOCKWORKS FOUND IN SEVERAL LOCALITIES INCLUDING CREST OF RIDGE + TALUS						<10	3	0.1	290
(4)	28225 B	C-4	LIGHT COLORED VOLCANIC BRECCIA - OPEN SPACES CEMENTED BY Fe OXIDES AND OPAL. SOME SILICIFICATION GREENISH WHITE AWAY FROM OPAL STRINGERS						<10	4	0.9	440
(5)	28190 B	C-5	OPEN SPACE OPAL CEMENTED BRECCIA NEAR WEST END OF ZONE						10	14	0.2	82
(6)	28191 B	C-6	FLESH COLORED VOLCANIC (RHYOLITE) BRECCIA NOT SO KAOLINIZED. OPEN SPACES CEMENTED WITH IRON OXIDE AND OPAL. WEST END OF ZONE.						<10	5	0.1	220
(7)	28192 B	C-7	TOP OF RIDGE NEAR FLAGGING, YELLOW TO RED OPAL + CHERT STRINGERS IN REDDISH ~~GREEN~~ TAN KAOLINIZED VOLCANIC.						<10	3	0.1	240
(8)	28193 B	C-8	QTZ OPAL STRINGER. BRECCIATED IN FLESH COLORED VOLCANIC (RHYOLITE) EAST END OF ZONE ALONG RIDGE CREST NEAR CONTACT WITH "TIGER HILL" GOSSAN.						<10	7	0.1	80
(9)	28194 B	CK-1	QUARTZ FLOAT FOUND NEAR WEST EDGE OF GOLDEN EAGLE CLAIM						<10	3	0.1	40
(10)	28195 B	CK-2	BRECCIATED QTZ CHERT TALUS ON CREST OF RIDGE ADJACENT TO WEST CONTACT OF TIGER HILL GOSSAN						<10	9	0.1	110
(11)	28196 B	CK-3	OPAL BOX WORKS, PINK TAN KAOLINIZED VOLCANIC OPAL PEAK TALUS						<10	3	0.1	90
(12)	28197 B	CK-4	HIGHLY KAOLINIZED WHITISH VOLCANIC BRECCIA WITH OPEN VOID CEMENTED BY IRON OXIDES AND SOME OPAL - OPAL PK TALUS						10	5	0.1	270
(13)	77592 B	LEVEL MTN	JAMES LAWSON SAMPLES						<10	215	0.2	110
(14)	593 B		Primarily varieties of Basalt						<10	335	0.4	120
(15)	594 B								<10	36	0.1	50
(16)	595 B								<10	12	0.1	30
(17)	596 B								<10	10	0.1	30
(18)	597 B								<10	14	0.1	30
(19)	598 B								<10	17	0.1	30
(20)												

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – ~~SOIL~~ TALUS SAMPLING

NEWCEL SYNDICATE

NTS

LINE

AIR PHOTO NO.

SAMPLER JAMES LAWTON

DATE July 25 to August 1. 1982

PROJECT LEVEL MOUNTAIN - CHARLIE

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION Colour	Part Size	% ORG.	Ph	SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS Au	As	Ag	Hg
82 NXLM CT 1		surface		rusty brown		0%		mod. to steep	/	taken next to a watershed.	<10	45	0.1	130
2		"		red brown		"		top of ridge	/		<10	69	0.1	70
3		"		beige grey		"		top of ridge saddle	/		<10	4	0.1	30
4		"		brown		"		top of ridge	/		<10	7	0.1	280
5		"		"		"		moderate	/	some small pebbles	<10	9	0.1	180
6		"		gray		"		top of ridge	/		10	4	0.1	190
7		"		beige brown		"		top of ridge	/	sandy, slightly damp	10	4	0.1	80.
8		"		red brown		"		flat	moss & lichen					
9		"		"		"		flat	/	taken at side of lake - uncovered by drop in water level				
10		"		"		"		top of ridge	/					
11		"		"		"		moderate	/					
12		"		brown		"		moderate	/	taken near top of ridge				
13		"		red brown		"		top of ridge	/	cinder like				
14		"		light brown		"		top of ridge	/					

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

NEWEX SYNDICATE

NTS

SAMPLER JAMES LAWTON

PROJECT LEVEL MTN - NEWEX

LINE

DATE JULY 75

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH	TRUE WIDTH	ASSAYS Au.	As.	Ag	
(1)	77580B	JL5	basalt				JL. 5			<10	2	0.3	
(2)	77581	JL9	olivine basalt		magnetite		green stained, black layering appears faintly JL9			<10	2	0.2	
(3)	77582	JL7	volcanic				dark volcanic with intermesh of some mineral			10	3	0.2	
(4)	77583	JL1	breccia				slightly altered			<10	4	0.3	
(5)	77584	JL3	~~rhyolite~~				contains red mineral possible realgar			10	2	0.3	
(6)	77585	JL8	rhyolite			metallic	altered, vesicular, mineral in some of vesicles			<10	2	0.3	
(7)	77586	JL4	agglomerate				flow with some vesicular basalt			<10	3	0.2	
(8)	77587	JL10	rhyolite or basalt			altered	rhyolite or olivine basalt. many red minerals			<10	5	0.2	
(9)	77588	JL6	rhyolite				contains filled vesicles			<10	3	0.3	
(10)	77589	JL2				dark rock with porphyroblasts of possible basalt.				<10	4	0.2	
(11)													
(12)													
(13)													
(14)													
(15)													
(16)													
(17)													
(18)													
(19)													
(20)													