

ROTARY DRILL REPORT

VIDLER CLAIM GROUP and

ARKOSE CLAIM GROUP

Vernon M.D.

Owners: William R. Gilmour

Kenneth L. Daughtry

Operator: Kerr Addison Mines Ltd.

Location: Vidler Creek

Report by:

John C. Lund, P.Eng.

July , 1977

Table of Contents

Property Index Map (Fig. No. 1)

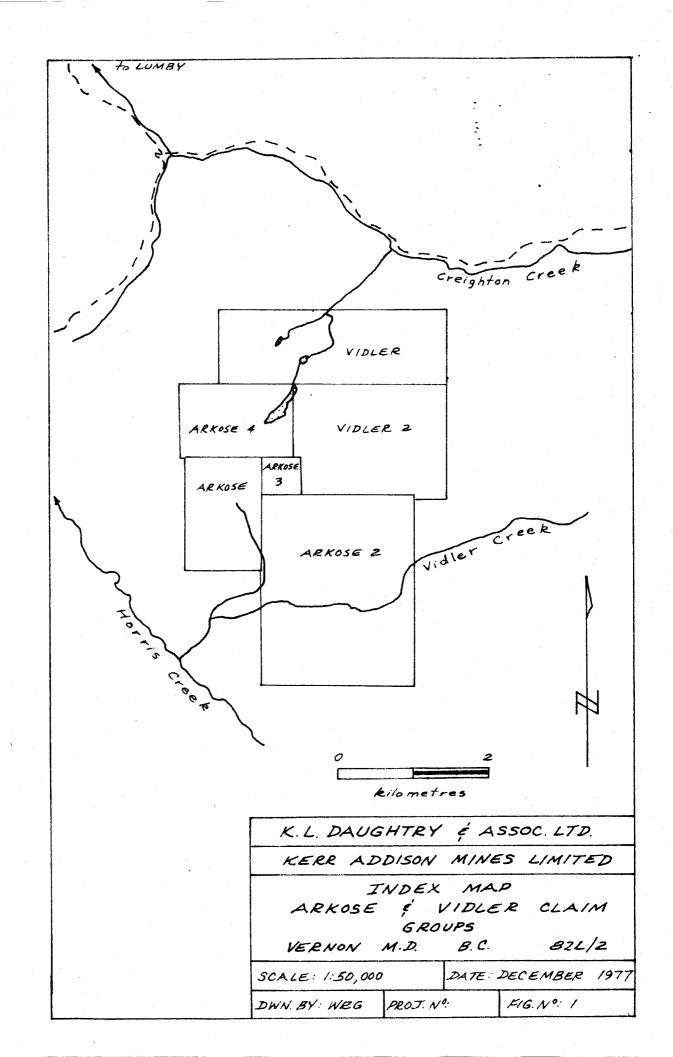
Statement of Expenses

Statement of Qualifications

Map showing drill hole location and claim boundaries (Fig. No. 2) In pocket

Drill log: hole 77-V3

hole 77-V5



Statement of Costs

Direct Drilling Costs (Rotary Drill)

77-V3 (Arkose 2) 67.	1m @ \$32.79/m (\$10/ft)	\$2200.00
77-V5 (Vidler) 114.3	m @ \$32.79/m (\$10/ft)	3750.00
181.4		
	Diamond Drilling Ltd.	
P.O. Box	1397	시 등 등의 수
Merritt,	[B.C: 하다 중기본 : 항상 항상 원.);	
기계 화가 가는 이 이 이 사람이 있다.	그러워 되는 종류 없는 내는 이렇게 말을 하는데 본	

Drill Supervision (including logging)

TOTAL HEREIN

Report Preparation 200.00	
)
Room and Board	Ď.
John C. Lund 8 days @ \$25/day 200.00)
Transportation	
4-wheel drive 8 days @ \$25/day)

\$4850 on Vidler Claim \$2900 on Arkose 2 Claim

Statement of Qualifications

I, John C. Lund, residing at 7631-192 St., Surrey, B.C. received an MSc degree in geology from the University of British Columbia in 1966. I have worked at my profession as an Ecomonic and Exploration Geologist since that time.

I have been a member of the Association of Professional Engineers of British Columbia since 1967.

signed

John C. Lund, P.Eng.

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VIDLER OPTION

JOHN C. LUND LOGGED BY ____

John	C Lund
	D.D.H. No. 77 - V5 PAGE 1 of 4
77	A CLAIM No. Make
77	DIRECTION AND DISTANCE FROM

NE. CLAIM POST

PROPERTY July 19, 1977 STARTED_ BEARING OF HOLE LATITUDE -90⁰ July 26, 1977 COMPLETED_ DIP OF HOLE____ DEPARTURE 114.3m. ELEVATION 1596.96m (3327 ft.) DEPTH_ DIP TESTS __

NOT 1.37 1 18	XXXX Meters	ated 105m SW of Drill hole 77 - V1 on rd.	SAMPLE	F00	TAGE	SAMPLE	A	ASSAY	A Carlotte
FROM	TO	DESCRIPTION	No.	FROM	ТО	LENGTH			
0	3.048	Unconsolidated; pebbles of green rhyolite tuff, fine grained quartz rich							
ar derigang demonstration		granitic material, grey fragmental, grains of red hemetitic volcanic, green volc. frags. in sandy clay.							**************************************
	6.096	Unconsolidated as above, increase sand, finer material predom. of volc.							198 F - 1990 F 6
The state of the s		origin. Larger fragments mainly green rhyolite tuff.							Angel Congress of the Congress
	9.14	Unconsolidated; decrease in larger fragments and pebbles, still predom. volc. few grains brownish sandstone, increase in brown siltstone frags.							
	12.19	Fine brown siltstone (Kettle River Formation)						The state of the s	
	15.24	As above.							The second second
	18.29	Light grey tuff; fairly sharp change near 18.29m. Marb. Siltstone frag. < 1	10%						
	21.34	Fine grey tuff; much finer clay-like material stays in suspension in water. Occas. red hematite frags.							
	24.38	No change.							
	27.43	No change.					MINERALE	CES B	BANCH
	30.48	Same.					1	REPO	RI
	33.53	Fine grey tuff, few brown siltstone frags.					NO.	36	
	36.58	Fine brown siltstone. Other material < 10%.					NU.		

	RUMEY				Market Committee	
HA	MON	D D	RILL	R	CO	RD

PROPERTY VIDLER OPTION		D.D.H. No. 77 - V5 PAGE 2 of 4
LATITUDE BEARING OF HOLE	STARTED_	CLAIM No.
DEPARTURE DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION DIP TESTS	DEPTH_	NE. CLAIM POST

F00	TAGE	PECODIDITION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS	SAMPLE	F00	TAGE	SAMPLE		 ASSAY	
FROM	ТО	HOLD OF THE PROPERTY OF THE PR	No.	FROM	ТО	LENGTH			
3 6.58	39.62	White to pale green mottled rhyolite tuff. Grains angular to rounded grains							
		approx. 40% of material. Some sst; 2 - 3% siltstone frags. Some of granition origin, few grains red hemetitic volc. debris. May be mainly sst.	ic	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					
	42.67	Pale green rhyolite tuff. Angular chips. This is same rock that outcrops							
		along road. Py grain in tuff, siltstone frags. < 0.5%.							
	45.72	Pale green rhyolite tuff. 10 - 20% subrounded grains, grain access of impure	sst.				Erwe Tarihanan Tarihanan		
	48.77	Little change.							
	51.82	Pale green rhyolite tuff with < 15% white fragments. Occas. reddish							
		grain of hematite.							
	54.86	More rounded to subrounded grains white in colour. Probably up to 35% of							
		material. Rc. still has tuffaceous appearance.							
	57.91	As above, decrease in subrounded grains. Chips more angular.							
	60.96	Pale green rhyolite tuff.							
	64.10	Predom. green rhyolite tuff chips but distinct increase in rounded to sub-							
		rounded grey, white, red and green rock fragments. May indicate change to polymictic sst.							
	67.06	Green tuff grains.							
	70.10	As above, increase rounded grains of differing composition - likely sandstone.							
	73.15	As above, increase in qtz, feldspar, brown siltstone (?) and dark volc. materia							

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PROPERTY VIDLER OPTION	D.D.H. No. 77 - V5 PAGE 3 of 4
LATITUDE BEARING OF HOLESTARTED	CLAIM No.
DEPARTUREDIP_OF_HOLECOMPLETED	DIRECTION AND DISTANCE FROM
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ELEVATION DIP TESTS DEPTH_	NE. CLAIM POST

F00	TAGE	DECODIDATION	SAMPLE	F00	TAGE	SAMPLE		 ASSAY	
FROM	ТО	DESCRIPTION	No.	FROM	ТО	LENGTH			
7 3.15	76.2	Polymictic sandstone; still 30% pale green rhyolite tuff grains. (This may							
		in part be wash from drill hole walls).							
	79.25	As above.							
	82.3	Sandstone; polymictic grain rounded to subrounded brownish siltstone, rounded, 15% rhyolite frags remainder is quartz, feldspar, coal? red							
	e a company	hematite and volc. frags, 10 - 12% + "rusty" material.							
	85.35	As above.							
	88.39	As above but increase in green rhyolite tuff.							
	91.44	Increase rhyolite tuff (possibly over 40%) rest polymictic sandstone. Coal frags suggest sst.							
	94.48	Predom. green rhyolite tuff with 10 - 20% sst.							
	97.53	Mainly green rhyolite tuff, subrounded to angular with 10 - 15% brownish grain	\$.						
	100.58	Predom. green rhyolite tuff with 12% ± subrounded to angular white quartzo-							
		feldspathic chips scattered bi plates and orange-brown in part skeletal grains.							
	103.63	Predom. pale green rhyolite tuff chips; < 20% white qtz - fld. chips							
		with hb. and occas. plate of biotite. Sparse brown siltstone, yellow-brown grains approx. 3%. Other grains 5 - 8% includes occas. black coal.					a kulkiyo		
	106.68	Pale green Rhyolite tuff with < 20% other frags. and grains. These include							
		qtz., fld., reddish brown frags. of volc. origin and rare yellowish-red fragments with micro-spherulites. Chips are angular.							

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LOGGED BY _____JOHN C. LUND

PROPERTY _				D.D.H. No. 77 - V5	PAGE 4 of 4
LATITUDE_		BEARING OF HOLE_	STARTED	CLAIM No.	
DEPARTURE		DIP OF HOLE	COMPLETED	DIRECTION AND	DISTANCE FROM
ELEVATION		DIP TESTS	DEPTH	NE. CLAIM POST	

F00	TAGE	DECORIDE OF	SAMPLE	F00	TAGE	SAMPLE	 ASSAY	
FROM	ТО	DESCRIPTION CONTRACTOR OF THE PROPERTY OF THE	No.	FROM	ТО	LENGTH		
106.68	109.73	Pale green Rhyolite tuff: grains subrounded to rounded. 45% of material consists of qtz, feldspar, grey tuff, dark rock frags, fine sst frags,						
		brownish-red "rusty" grains and $< 0.5\%$ red hematite.						
		NOTE: There appears to be much mixing of material with re-circulation						
		of fines through the mud pump.						
	112.77	Pale Green Rhyolite tuff - comprises approximately 35%. Much like above						
		increase in lighter tuff frags, qtz, feldspar and other grains. Increase in roundness. Rc. may be sst.						
		NOTE: Finer fraction from sludge predom, qtz, feldspar with bi and hb						
		and a small percentage green tuff. This material looks granitic. Possibly Rhyolite basement or fine grained granite						
		dyke (rhyolite). Sludge system on drill may not be giving an adequate return of larger chips, hence a strong mixing of top						
		material with bottom. Try thicker mud.						
	114.30	Pale Green Rhyolite tuff - thicker mud used - more coarse material returned						
		probably much is result of cleaning hole. Chips include 30% green rhyolite tuff, brown rounded siltstone, rounded arkosic grains, angular qtz & feldspar.						
		NOTE: Broke 3 tricone wheels down hole - abandoned hole.						
		END OF HOLE						

Ð	IAMC	DRILL RECORD LOGGED BY JOHN C. LUND		Je.	la 6 X	lud.	
and the same		vidler option n Arkose cl. BEARING OF HOLE STARTED July 11,	1977			77 - V3 F No. Arkose 2	
Bry Lewis My 1		m ESE of 77-V2 DIP OF HOLE - 90° COMPLETED July 13,	뭐요한 명하		Ni Ni	TION AND DISTAI	AND SECTION OF THE PROPERTY.
		DIP TESTS DEPTH 67.06m				_AIM_POST	ACL CROM
	TAGE	SUMMARY LOG DESCRIPTION	SAMPLE	FOOTAGE	SAMPLE	ASSAY	
FROM	ТО	A CARLO CARROLLO CARROLLO CARROLLO DESCRIPTION	No.	FROM TO	LENGTH		
0	15.24	Unconsolidated Arkosic sediment. Sandstone and conglomerate. POST EOCENE					
	27.43	Arkosic sediment : Sandstone and conglomerate					
		- 18 - 19 - 19 - 19 - 19 - 19 - 19 - 19					
	45.72	Arkosic sediment : Sandstone and conglomerate with increase in volc. bldrs.					
		Volc. approx 10 - 15%.					
	60.96	Arkosic sediments with 15 - 35% volc material. Volc. material in part					
Hermitani (1986)		hornfelsed.					
zesta gen							
	67.06	Hornfelsed Volc. rock : Basement.					
		Note: Volc. rock likely pre-tertiary.					
						RAL RETO LOTTOR	: aı
						721	
					NO.	626	U

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PROPERTY	VIDLER OPTION			D.D.H. No. 77 - V3 PAGE 1 of 4
LATITUDE	BEARING OF HOLE	STARTEDJ	July 11, 1977	CLAIM No. Arkose 2
DEPARTURE	DIP OF HOLE - 90°	COMPLETED_J	July 13, 1977	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH 6	67.06m	NE. CLAIM POST

KXX	XXXXXX Met	ers	SAMPLE	F001	TAGE	SAMPLE		ASSAY		
ROM	ТО	DESCRIPTION POLICY DESCRIPTION OF THE PROPERTY	No.	FROM	ТО	LENGTH				
	3.05	Unconsolidated Post Eocene Conglomerates. Predom. granitic bldrs with			3.13					
		fragments of the white rhyolite plug that outcrops 200m to the North and green andesitic volcanic debris as well as fragments ofvesicular lavas.								
		Fine material is arkosic sand. Otc is "rusty" with limonite. No coal or py. Grains are angular to rounded.								
	6.096	Unconsolidated conglomerates as above. Predom. granitic in origin; Less								
		than 5% rhyolite, very little volc. (dark green) material; grains angular to well rounded. Material limonitic.						d.	•	
	9.14	<u>Unconsolidated Arkosic Sediments</u> as above.								
	12.19	As above, decrease in oxidation.								
	15.24	Unconsolidated Arkosic sediments as above.								
	18.29	Arkosic Sediments as above, becoming harder as indicated by drill progress. May be in consolidated sandstones or conglomerates.								
		ray be in consortation some of congresses.								
	21.34	Arkosic conglomerates; increase in white rhyolite chips, dark volc frags,			,					
		brown siltstone and rounded to angular grains of hornblende.								

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PROPERTY	VIDLER OPTION		D.D.H. No. 77 -	V3 PAGE 2 of 4
	BEARING OF HOLE	STARTED	A CLAIM No.	
LATITUDE			REAL PROPERTY IN THE REPORT OF	농에 다음을 내려면 내려 봤네는 호텔 하고 있다.
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION	AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM	POST

FOO	TAGE		SAMPLE	F001		SAMPLE		ASSAY	
FROM	ТО	DESCRIPTION	No.	FROM	то	LENGTH			
21.34	24.38	Grey arkosic sediment; increase in fragments of hornfelsed volc. Probably							
		conglomerate.							
	27.43	Arkosic conglomerate as above.							
	30.48	Darker, increase in dark volc. fragments.							
	33.53	Conglomerate; predominantly arkosic material (60%).with increase in dark							
		green hornfelsed (?) volc (35%) grains angular to well rounded.							
	36.58	Dark arkosic sediment as above.							
	39.62	As above.							
	42.67	Arkosic sediment as above. Volc. frags. approx 10%.							
		Number of angular chips suggest conglomerate.							

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PROPERTY	VIDLER OPTION		D	.D.H. No. 77 - V3 PAGE 3 of 4
LATITUDE	BEARING OF HOLE	STARTED	4	CLAIM No.
	DIP OF HOLE	COMPLETED		DIRECTION AND DISTANCE FROM
DEPARTURE				
ELEVATION	DIP TESTS	DEPTH		NE. CLAIM POST

F00	TAGE	DECODIDETON OF THE PROPERTY OF	SAMPLE	F00	TAGE	SAMPLE		ASSAY	
FROM	TO	Property of the state of the st	No.	FROM	ТО	LENGTH			 ·
12.67	45.72	Arkosic sediment (conglomerate). White chips of rhyolite (<5%), glassy							
		qtz - rich chips of gdi and dark green volc. fragments. Chips are angular to rounded. Finer material includes qtz, feldspar, bi, hb.							
	48.77	Arkosic sediments as above, possibly conglomerate. Larger chips angular							
		finer material rounded. Volcanic debris 25% - 35%, remainder is arkosic.							
	51.82	Mainly Arkosic sediments. Some darker grain pale green on inside and							
		coated with dark brown material. Grains angular to sub-rounded - finer material is rounded. Rock is likely an arkosic sst with pebbles or boulders							
nyma uji Hjále		of granodiorite and dark green volc. The volc. is in part hornfelsed.							
	54.86	Arkosic material 50%± Volcanic fragments 35%. Rhyolite, tuff (?), qtz. 15%.							
		Rock basically an <u>Arkosic Sed</u> .							
	57.91	Dark green hornfelsed volc. frags 35%. Arkosic material mainly qtz, feldspar, hb, bi with rhyolite frags make up rest.							_
		Rock probably conglomerate with increase in volcanic bldrs.							_
	60.96	Rc. as above.							- 1 · ·

DIAMO PROPERTY	ND DRILL RECORD LOGGE VIDLER OPTION	D BY JOHN C. LUND	D.D.H. No. 77 - V3 PAGE 4 of 4
LATITUDE	BEARING OF HOLE	STARTED	CLAIM No.
DEPARTURE	DIP OF HOLE	COMPLETED	DIRECTION AND DISTANCE FROM
ELEVATION	DIP TESTS	DEPTH	NE. CLAIM POST
FOOTAGE FROM TO	DESCRIPTION	SAMP No.	

FOOTAGE FROM TO DESCRIPTION	SAMPLE	FOOTAGE		SAMPLE	ASSAY				
	DESCRIPTION CONTRACTOR OF THE STATE OF THE S	No.	FROM	ТО	LENGTH				
64.10	Increase in volcanic chips otherwise little change.								
67.06	Hornfelsed volc. rock. Basement.								
	END OF HOLE								
NOTE	1. Change from unconsolidated to consolidated sediments was based on the								
	occurs where I have indicated this change.								
	2. The unconsolidated material is <u>Post Eocene</u> and could be Miocene.								
	It is <u>not</u> Pleistocene or recent.								
						1			
	64.10 67.06	TO DESCRIPTION 64.10 Increase in volcanic chips otherwise little change. 67.06 Hornfelsed volc. rock. Basement. END OF HOLE NOTE 1. Change from unconsolidated to consolidated sediments was based on the rate of progress of the drill and is arbitrary. No change in material occurs where I have indicated this change.	TO DESCRIPTION No. 64.10 Increase in volcanic chips otherwise little change. 67.06 Hornfelsed volc. rock. Basement. END OF HOLE NOTE 1. Change from unconsolidated to consolidated sediments was based on the rate of progress of the drill and is arbitrary. No change in material occurs where I have indicated this change. 2. The unconsolidated material is Post Eocene and could be Miocene.	TO DESCRIPTION No. FROM 64.10 Increase in volcanic chips otherwise little change. 67.06 Hornfelsed volc. rock. Basement. END OF HOLE NOTE 1. Change from unconsolidated to consolidated sediments was based on the rate of progress of the drill and is arbitrary. No change in material occurs where I have indicated this change. 2. The unconsolidated material is Post Eocene and could be Miocene.	TO 64.10 Increase in volcanic chips otherwise little change. 67.06 Hornfelsed volc. rock. Basement. END OF HOLE NOTE 1. Change from unconsolidated to consolidated sediments was based on the rate of progress of the drill and is arbitrary. No change in material occurs where I have indicated this change. 2. The unconsolidated material is Post Eocene and could be Miocene.	TO DESCRIPTION No. FROM TO LENGTH 64.10 Increase in volcanic chips otherwise little change. 67.06 Hornfelsed volc. rock. Basement. END OF HOLE NOTE 1. Change from unconsolidated to consolidated sediments was based on the rate of progress of the drill and is arbitrary. No change in material occurs where I have indicated this change. 2. The unconsolidated material is Post Eocene and could be Miocene.	TO DESCRIPTION No. FROM TO LENGTH 64.10 Increase in volcanic chips otherwise little change. 67.06 Hornfelsed volc. rock. Basement. END OF HOLE NOTE 1. Change from unconsolidated to consolidated sediments was based on the rate of progress of the drill and is arbitrary. No change in material occurs where I have indicated this change. 2. The unconsolidated material is Post Eocene and could be Miocene.	TO DESCRIPTION No. FROM TO LENGTH 64.10 Increase in volcanic chips otherwise little change. 67.06 Hornfelsed volc. rock. Basement. END OF HOLE NOTE 1. Change from unconsolidated to consolidated sediments was based on the rate of progress of the drill and is arbitrary. No change in material occurs where I have indicated this change. 2. The unconsolidated material is Post Eocene and could be Miocene.	TO DESCRIPTION No. FROM TO LENGTH 64.10 Increase in volcanic chips otherwise little change. 67.06 Hornfelsed volc. rock. Basement. END OF HOLE NOTE 1. Change from unconsolidated to consolidated sediments was based on the rate of progress of the drill and is arbitrary. No change in material occurs where I have indicated this change. 2. The unconsolidated material is Post Eocene and could be Miocene.

