



42H09SE0017 15 BLAKELOCK

010

DIAMOND DRILLING

Township: Blakelock

Report No: 15

WORK PERFORMED FOR: Deerfoot Res.

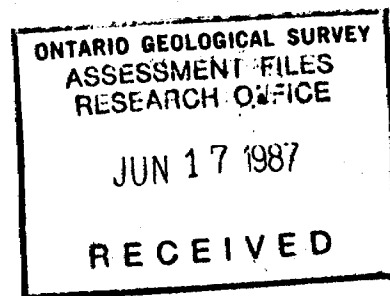
RECORDED HOLDER: SAME AS ABOVE [X]

: OTHER [ ]

<u>CLAIM NO.</u>	<u>HOLE NO.</u>	<u>FOOTAGE</u>	<u>DATE</u>	<u>NOTE</u>
L 755547	DF-86-1	188'	Nov/86	(1)
L 848384	DF-86-2	230'	Nov/86	(1)
L 848393	DF-86-3	401'	NOV/86	(1)

NOTES: (1) #212-87 (filed in August/87)

DIAMOND DRILL HOLE LOGS  
DF-1-86 - DF-3-86  
for  
DEERFOOT RESOURCES INC.  
Blakelock Township  
Logged by  
M.G. Beaulne



ROBERT S. MIDDLETON EXPLORATION SERVICES INC.

DIAMOND DRILL HOLE LOG

PROJECT: DEERFOOT RESOURCES

HOLE NUMBER: DF-1-86  
M-106

AREA: BLAKELOCK TOWNSHIP

LOCATION: L28W 2+50S

CLAIM NUMBER: 755547

AZIMUTH: 170°

CORE SIZE: EQ

DIP: -50°

DRILLED BY: FORRAGE SONDEX

DATE: NOVEMBER 25, 1986

LOGGED BY: M.G. BEAULNE

CASING: 48 FEET

CORE STORED AT: MNR LIBRARY

LENGTH: 188 FEET

OBJECTIVE: IP ANOMALY

ACID TESTS: @48' -47°  
@188' -49°

Footage		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE			Analytical Result	
From	To				Number	From	To	Length (feet)	Au (ppb)
0	48	CASING							
48	74'7"	<p>MAFIC TUFF (dacitic)</p> <p>-light to medium grey green in colour</p> <p>-fine grained with occasional fine to medium grained zones</p> <p>-chloritized</p> <p>-numerous carbonate stringers at 80°-90° TCA</p> <p>-occasional minor quartz veins with associated PY &amp; PO</p> <p>-locally garnetiferous, garnets associated with disseminated PO (magnetic) and or magnetite</p> <p>-banded appearance</p> <p>-siliceous with very finely disseminated PY &amp; PO</p>	85						
	54'6"	-1/2" quartz veinlet							
	56'6"-59'0"	-numerous PY stringers fracture filling		3-5%	89751	56'6"	59'0"	2'6"	13
	57'11"	-1/2" quartz veinlet with associated replacement PY		PY <1	89757	63'	68'	5'	9
	58'3"	-1/2" quartz veinlet with vuggy PY		<1%	89759	68'	73'	5'	12
	68' Onwards	-becoming more garnetiferous							
		-garnets occur in discreet bands 80-85° TCA and are magnetic, garnets up to 1/4" in diameter							
	68-71	-many calcium carbonate stringers							
74'7"	81'9"	<p>MAFIC TUFF (andesitic) contact 70°</p> <p>-with occasional quartz eyes</p> <p>-pinkish grey rock</p> <p>-banded 75-80°</p>	70	<1 <1	89760 89761	74'7" 76'9"	76'9" 81'9"	2'2" 5'	11 10

DIAMOND DRILL HOLE LOG

Footage		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sulphides	SAMPLE			Analytical Result	
From	To				Number	From	To	Length (feet)	Au (ppb)
		-calcite stringers -occasional thin chloritic bands -some localized disseminated PY & PO -upper contact 75°, carbonate stringers & PY fracture filling							
	75'9"								
	76'9"-80'6"	-1/2" quartz-carbonate bleb with PY&PO -many fine calcium carbonate stringers -76'9" and 81'9" faults - shistose 3"-80°							
81'9"	110'9"	MAFIC TUFF (dacitic) -as above			89762	81'9"	85'3"	3'6"	12
	82'5"-85'3"	-thinly layered garnetiferous -1/2" quartz veins with associated PY							
	94'10"	-3/4" quartz vein with vuggy PY			G89752	94'6"	95'6"	1'	7
	96'6"-101'	-very garnetiferous banded 85-90°			G89763	95'6"	100'6"	5'	13
	101-104	-becoming paler grey, less chloritized							
110'9"	116'1 1/2"	TUFF (laminated) -fine grained - aphanitic -grey-brown in colour, somewhat pinkish -banded subverticle -very finely laminated -micaceous partings -tourmaline crystals along some parting planes -occasional small garnets <1/16" -no apparent mineralization -somewhat siliceous	90°		G89753	110'9"	116'1 1/2"		6
116'1 1/2"	143.4	MAFIC TUFF (dacitic) -similar to above, however quartz and							



DIAMOND DRILL HOLE LOG

Footage		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sulphides	SAMPLE			Analytical Result	
From	To				Number	From	To	Length (feet)	Au (ppb)
		-very finely laminated at approximately 70° -very fine grained -midly chloritized to 176 -micateous partings -very little mineralization 176'6"-178'1" -banding deformed ie. crenulated -no chlorite at all -core is brownish and very soft micaceous 178'1"-179'9" -chloritized and quartz carbonate stringer up to 1/4" in width	70°						
179'9"	188'	AUDESITIC TUFF -similar to above -chloritic -many carbonate stringers -some very thin bands of micaceous tuff	70°						
	188'	END OF HOLE							
					G89754	172'	176'6"	4'6"	8
					G89755	176'6"	178'1"	1'5"	7
					G89756	178'1"	179'9"	1'8"	7

ROBERT S MIDDLETON EXPLORATION SERVICES INC.

DIAMOND DRILL HOLE LOG

PROJECT: DEERFOOT RESOURCES

HOLE NUMBER: DF-2-86  
M-106

AREA: BLAKELOCK TOWNSHIP

LOCATION: 21+30W 875S

CLAIM NUMBER: 848384

AZIMUTH: 150°

CORE SIZE: EQ

DIP: -50°

DRILLED BY: FORRAGE SONDEX

DATE: NOVEMBER 28, 1986

LOGGED BY: M.G. BEAULNE

CASING: 74'

CORE STORED AT: MNR LIBRARY

LENGTH: 230 FEET

OBJECTIVE: EM ANOMALY

ACID TESTS: @74' -52°



DIAMOND DRILL HOLE LOG

Footage		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul- phides	SAMPLE			Analytical Result		
From	To				Number	From	To	Length (feet)	Au (ppb)	Result
0	74	CASING								
74	98'7"	MAFIC TUFF (andesitic) -dark grey in colour -fine to medium grained -small garnets occur in some sections -pyrite occurs as small blebs or fracture filling, pyrite is not very common -somewhat chloritic -occasional quartz veinlets up to 1/2" width -some PO stringers (few)		<1	G89796	87'	92'	5'	11	
98'7"	107'9"	MAFIC TUFF Dacitic -lighter in colour -more dacitic -contact displaced by minor faulting -not as garnetiferous -pyrite and PO blebs and fracture fillings and some minor disseminated pyrite and PO -some banding at 45° to core axis								
107'9"	122'	ARGILITE -medium grey -fine grained -contact 30° -some pyrite along bealding planes	30°		G89797	110'6"	115'6"	5'	5	
122'	230'	MAFIC TUFF (Dacitic) -similar to above 125'-131'6" -more garnetiferous 131'8" -2" quartz carbonate vein -core quite blacky 135'6" -altered brown banded foliation at								
					G89798	135'	137'	2'	44	





ROBERT S. MIDDLETON EXPLORATION SERVICES INC.

DIAMOND DRILL HOLE LOG

PROJECT:	DEERFOOT RESOURCES	HOLE NUMBER:	DF-3-86 M-106
AREA:	BLAKELOCK TOWNSHIP	LOCATION:	2130W 525S
CLAIM NUMBER:	848393	AZIMUTH	160°
CORE SIZE:	BQ	DIP:	-50°
DRILLED BY:	FORAGE SONDEX	DATE:	DECEMBER 1, 1986
LOGGED BY:	M.G. BEAULNE	CASING:	72'
CORE STORED AT:	MNR LIBRARY	LENGTH:	401 FEET
OBJECTIVE:	IP ANOMALY	ACID TESTS:	77 FEET -51° 250 FEET -47° 400 FEET -47°

DIAMOND DRILL HOLE LOG

Project Deerfoot Resources - Blakelock M-106

Hole No. 3 Page 1 of 5

Footage		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sulphides	SAMPLE			Analytical Result	
From	To				Number	From	To	Length (feet)	Au (ppb)
0	72	CASING							
72	112	<p>GRANITE</p> <ul style="list-style-type: none"> <li>-grey to pinkish grey</li> <li>-medium to coarse grained, average grain size 1/16-1/8", some up to 1/4" diameter</li> <li>-fairly biotitic</li> <li>-minor disseminated PY throughout with occasional PY fracture filling</li> <li>-occasional minor quartz stringer with associated PY</li> </ul>		<1					
		<p>82'</p> <ul style="list-style-type: none"> <li>-1/4" quartz stringer with PY 35°</li> </ul>							
		<p>106'-109'</p> <ul style="list-style-type: none"> <li>-more pinkish potassium feldspar rich</li> <li>-106'6" 1 1/2" quartz vein at 45°</li> <li>-no mineralization</li> </ul>							
112	190	<p>ALTERED BASALTIC TUFF</p> <ul style="list-style-type: none"> <li>-hard, siliceous</li> <li>-colour varies from dark grey to brown to cream</li> <li>-well mineralized with PY&amp;PO occurring as blebs and disseminated, some sections up to 20% an average 3-5%</li> <li>-top contact -75°</li> <li>-fine grained</li> <li>-some sections appear brecciated ie. flow breccia from 1/16" to 1/8" in size</li> <li>-rock appears heavily altered</li> </ul>	75°						
		<p>112'-114'</p> <ul style="list-style-type: none"> <li>-tuffaceous appearance</li> <li>-10% pyrite with some associated PO</li> <li>-pyrite stringers at 70° to core axis</li> <li>-dark grey quartz bleb at 113'7"</li> <li>-2" diameter with associated PY&amp;PO</li> <li>-dark grey in colour</li> </ul>	70°	10	G89769	112'	114'	2'	615

DIAMOND DRILL HOLE LOG

Project Deerfoot Resources - Blakelock M-106

Hole No. 3 Page 2 of 5

Footage		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul-phides	SAMPLE			Analytical Result	
From	To				Number	From	To	Length (feet)	Au (ppb)
		-BIM contact 65°							
	114'-116'	-brown in colour -quartz eyes up to 1/16" -mineralization occurs as blebs		3	G89770	114'	116'	2'	14
	116'-141'	-quartz eyes less apparent, occur occasionally -116'2" large 1" PYPO bleb associated with calcium carbonate stringer -118' onward rock is paler in colour PY&PO occur mostly as blebs approximately 5-8%							
		-some sections appear very siliceous							
		-127'6" 1/2" quartz stringer							
		-138'8" 1" quartz stringer, no mineralization							
		-139'10" 3/4" quartz stringer, rock appears more altered at this stage							
		-141' 1/2" quartz with massive pyrite associated and some blebs of graphite	65°						
	141'-145'4"	-tuffaceous -dark grey to black -interbedded argillaceous bands -8-10% PY&PO, massive			G89777	141'	145'4"	4'4"	96
	145'4"-148'5"	-more heavily altered							
		-147'-148'5"- many pyrrhotite bands							
		-151'4"-1/4" calcium carbonate stringer with potassium (orange mineralization)							
	145'4"-148'5"				G89778	145'4"	148'5"	3'1"	19
					G89779	148'5"	154'6"	6'1"	20
					G89780	154'6"	159'6"	5'	17
					G89781	159'6"	161'10"	2'4"	8
	154'6"-161'10"	-tuffaceous BIM contact 30° -163'6" & 166'6" quartz stringers							
					G89782	161'10"	166'10"	5'	16
					G89783	166'10"	172'	5'3"	14
	166'10"-186'	-brown altered quartz eyes pyrite and pyrrhotite mostly as blebs and fracture filling							
					G89784	172'	177'	5'	12
					G89785	177'	182'	5'	16
					G89786	182'	186'	4'	15

DIAMOND DRILL HOLE LOG

Footage		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sulphides	SAMPLE			Analytical Result		
From	To				Number	From	To	Length (feet)	Au (ppb)	Result
190	282	186'-190' -tuffaceous -disseminated pyrite and pyrrhotite also large blebs 1 1/2" quartz veins at 187' and 187'10" -well mineralized -10% -BIM contact 55° - large blebs along top side of BIM contact - pyrite and pyrrhotite	55	10	G89787	186'	190'	4'	15	
		MAFIC TUFF (ANDESITIC) 190'-215'9" -rock has changed to a palish grey, <u>mineralization has stopped</u> , only very occasional blebs and some flakes along fracture -fine grained -somewhat altered -locally bleached			G89788	190'	193'	3'	23	
		215'9" -altered -brown in colour -mineralized -similar to section preceeding 190'-215'9" -quartz vein along contact and quartz blebs and pyrrhotite -contact appears to be at 65°	65		G89789 G89790	215'9" 218'3"	218'3" 222'	2'6" 3'9"	17 19	
		215'9"-222' -many pyrrhotite stringers and blebs locally up to 25% average 3% pyrite: pyrrhotite 6:1								
		222' -after 222' mineralization decreases drastically, rock is still brown and altered but only very occasionally -small blebs of pyrite and pyrrhotite occur, even these decrease downward so that after 229' rock appears totally								

DIAMOND DRILL HOLE LOG

Project Deerfoot Resources - Blakelock M-106

Hole No. 3 Page 4 of 5

Footage		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sulphides	SAMPLE			Analytical Result	
From	To				Number	From	To	Length (feet)	Au (ppb)
		barren.							
		-large and medium quartz eyes apparent from 229'-244', especially at 230'-230'6" and 236' where they are 1/8" diameter -rock banded at 40° - foliation							
		259'-259'6" -brecciated, subangular clasts in matrix of apparently similar composition -259' onwards-very occasional pyrite and pyrrhotite blebs			G89791	263'	264'4"	1'4"	13
		-263' 4" quartz vein with large blebs of pyrite and pyrrhotite -sulphides make up 60% of core							
		265' -low angled pyrite stringers - 1/16" - fracture filling 35°							
		275'-277'6" -low angled lamination 20° -some disseminated pyrite			G89792	275'	277'6"	2'6"	11
		277'6"-281'6" -many quartz carbonate stringers at 30° -finely laminated pyrite		2%	G89793	277'6"	281'7"	4'1"	11
282	366'8"	ANDESITIC TUFF. -alteration not as evident -no sharp contact with above, alteration seems to decrease sharply after 282' -rock is green with purplish bands at 35° -fine grained -occasional quartz stringers -minor blebs of pyrite -322' onwards-purplish bands become less frequent and there is some occasional carbonated zones							
		323'6"-325' -approximately 1" quartz vein running							



DIAMOND DRILL HOLE LOG

Project Deerfoot Resources - Blakelock M-106

Hole No. 3 Page 5 of 5

Footage		ROCK TYPE AND DESCRIPTION	Core Angle to Axis	% Sul- phides	SAMPLE			Analytical Result		
From	To				Number	From	To	Length (feet)	Au (ppb)	
		parallel to core 361'-366'8" -becoming altered -finely banded -some brecciation -brown in colour -little mineralization			G89794	323'6"	325'	1'6"	10	
366'8"	371'	MEDIUM GRAINED FELSPATHIC DYKE -disseminated pyrite throughout approximately 1% -biotite crystals -possibly a porphyry -contacts faulted and ground			G89795	366'8"	371'	4'4"	16	
371'	401'	ARGILITE -dark grey in colour -mafic -finely laminated at 25°-35° occasionally at 50° -some localized pyrite blebs								
	401'	END OF HOLE								

ONTARIO GEOLOGICAL SURVEY  
ASSESSMENT FILES  
RESEARCH OFFICE  
JUN 17 1987  
RECEIVED

WA 70A.212

Minir



42H09SE0017 15 BLAKELOCK

900

Name and Postal Address of Recorded Holder  
**DEERFOOT RESOURCES INC.**

**19 CEDAR BANK CRESCENT, DON MILLS, ONTARIO M3B 3A4**

Summary of Work Performance and Distribution of Credits

Total Work Days Cr. claimed <b>819</b>	Mining Claim			Mining Claim			Mining Claim		
	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.	Prefix	Number	Work Days Cr.
for Performance of the following work. (Check one only) <input type="checkbox"/> Manual Work <input type="checkbox"/> Shaft Sinking Drifting or other Lateral Work. <input type="checkbox"/> Compressed Air, other Power driven or mechanical equip. <input type="checkbox"/> Power Stripping <input checked="" type="checkbox"/> Diamond or other Core drilling <input type="checkbox"/> Land Survey	L	755543	32	L	755551	33	L	848390	33
		755544	32		755552	33		848391	33
		755545	32		848384	33		848392	33
		755546	32		848385	33		848393	33
		755547	32		848386	33		848394	33
		755548	32		848387	33		848395	33
		755549	33		848388	33		848396	33
		755550	33		848389	33		848397	33
All the work was performed on Mining Claim(s): <b>L755547, L848384, L848393</b>								<b>848398</b>	<b>33</b>

Required Information eg: type of equipment, Names, Addresses, etc. (See Table Below)

DRILLED BY: FORRAGE SONDEX  
BOYLES 25

FROM: NOVEMBER 25/86 - DECEMBER 1/86

HOLES DRILLED

HOLE NO.	DEPTH	Az	Dip	
DF-1-86	188ft	170°	-50°	755547
DF-2-86	230ft	150°	-50°	848384
DF-3-86	401ft	160°	-50°	848393
TOTAL	819ft			

**RECORDED**

MAY 11 1987

Receipt # \_\_\_\_\_

LARDER LAKE MINING DIV.

**RECEIVED**

MAY 11 1987

AM PM

7 | 8 | 9 | 10 | 11 | 12 | 1 | 2 | 3 | 4 | 5 | 6

11:45 AM

ONTARIO GEOLOGICAL SURVEY  
ASSESSMENT FILES  
RESEARCH OFFICE

JUN 17 1987

**RECEIVED**

Date of Report: **MAY 8/87**

Recorded Holder, or Agent (Signature): *Nadia Cairn*

Verification Verifying Report of Work

I hereby certify that I have a personal and intimate knowledge of the facts set forth in the Report of Work annexed hereto, having performed the work or witnessed same during and/or after its completion and the annexed report is true.

Name and Postal Address of Person Certifying  
**NADIA CAIRN Box 1637 TIMMINS ONTARIO P4N7W8**

Date Certified: **MAY 8/87**

Certified by (Signature): *Nadia Cairn*

Table of Information/Attachments Required by the Mining Recorder

Type of Work	Specific information per type	Other Information (Common to 2 or more types)	Attachments
Manual Work	Nil	Names and addresses of men who performed manual work/operated equipment, together with dates and hours of employment.	Work Sketch: these are required to show the location and extent of work in relation to the nearest claim post.
Shaft Sinking, Drifting or other Lateral Work			
Compressed air, other power driven or mechanical equip.	Type of equipment	Names and addresses of owner or operator together with dates when drilling/stripping done.	Work Sketch (as above) in duplicate
Power Stripping	Type of equipment and amount expended. Note: Proof of actual cost must be submitted within 30 days of recording.		
Diamond or other core drilling	Signed core log showing; footage, diameter of core, number and angles of holes.	Nil	Nil
Land Survey	Name and address of Ontario land surveyor.		

ROBERT S. MIDDLETON EXPLORATION SERVICES INC.

TELEPHONE (705) 264-4246  
(705) 264-4247

P.O. BOX 1637  
TIMMINS, ONTARIO  
P4N 7W8

May 29, 1987

Ministry of Natural Resources  
4 Government Road East  
KIRKLAND LAKE  
Ontario  
P2N 1A2

TO WHOM IT MAY CONCERN:

Please be advised that I hereby authorize the deduction of one day per claim of credited work applied to Deerfoot Resources Inc.'s claim numbers L-755543, 755544, 755545, 755546, 755547 and 755548 in order to comply with the 819 total work days credit claimed as per the Report of Work submitted May 8, 1987 by Nadia Cairra.

I also testify that the 3 diamond drill holes DF-1-86, DF-2-86 and DF-3-86 to which said Report of Work applies are valid, although there was an error of omission in signing the individual drill logs accompanying the Report of Work.

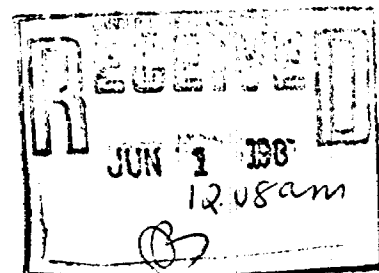
Please return one stamped "Received" corrected copy of the "Report of Work" for our files.

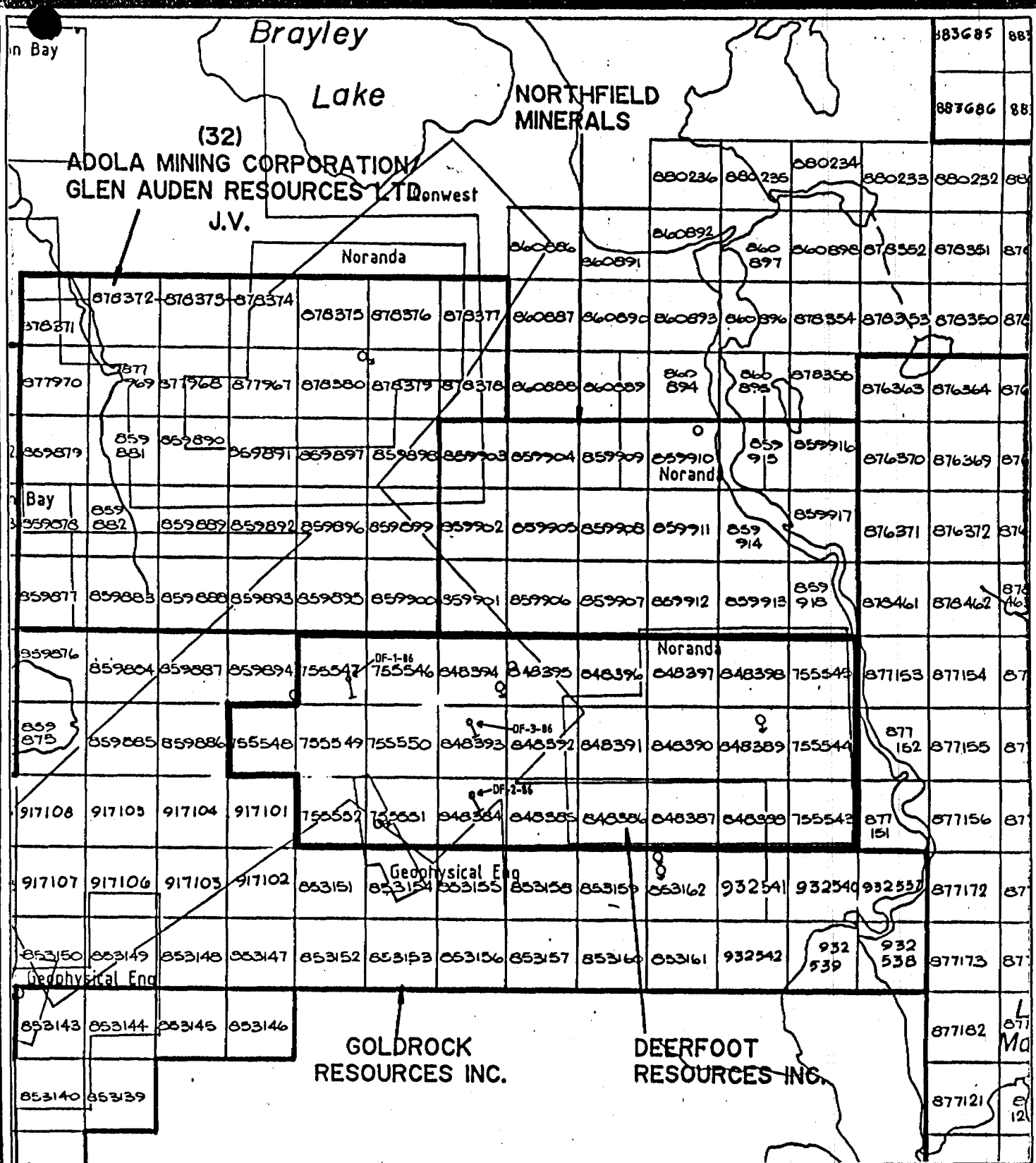
Respectfully yours

*Johial W. Newsome*

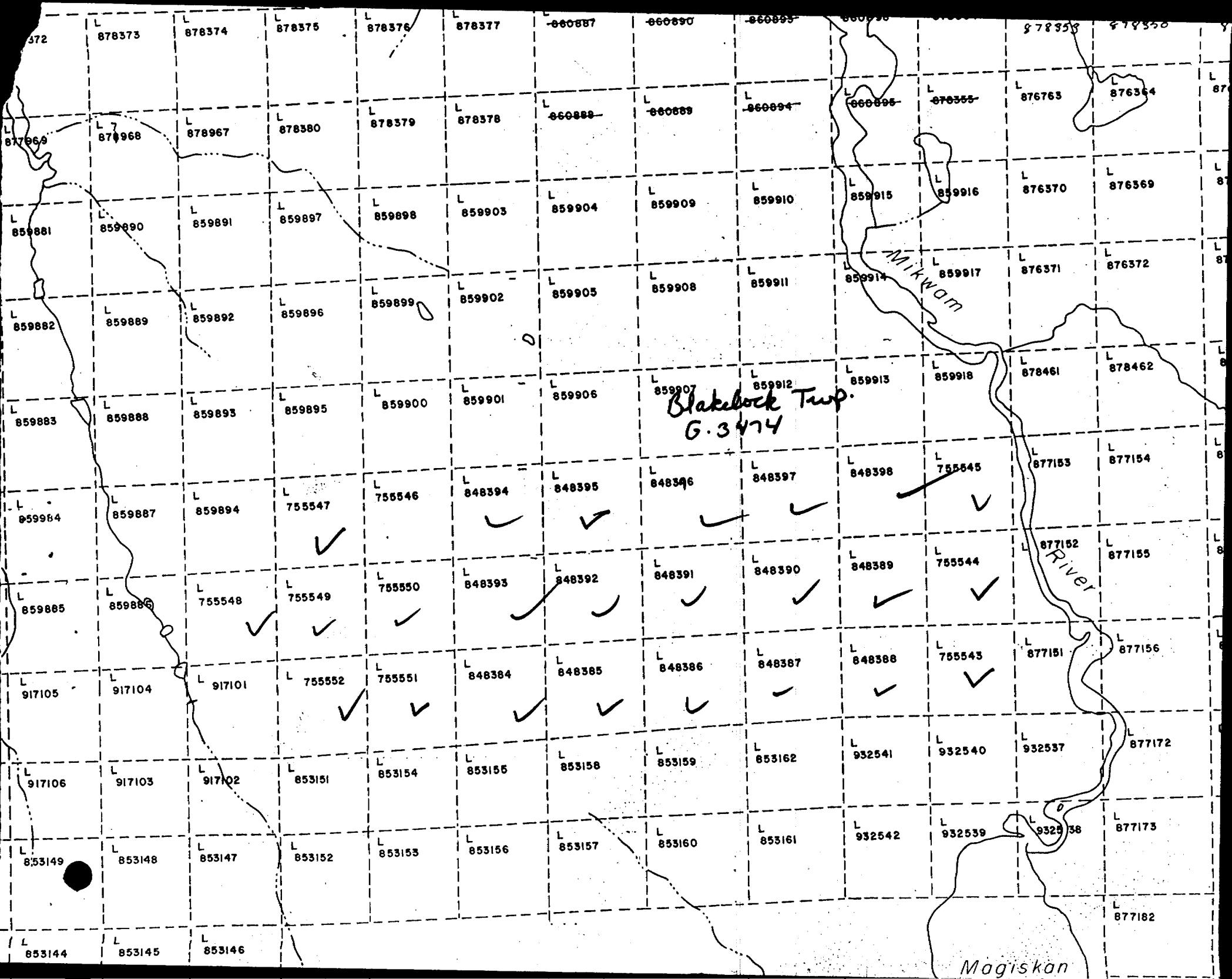
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Johial W. Newsome

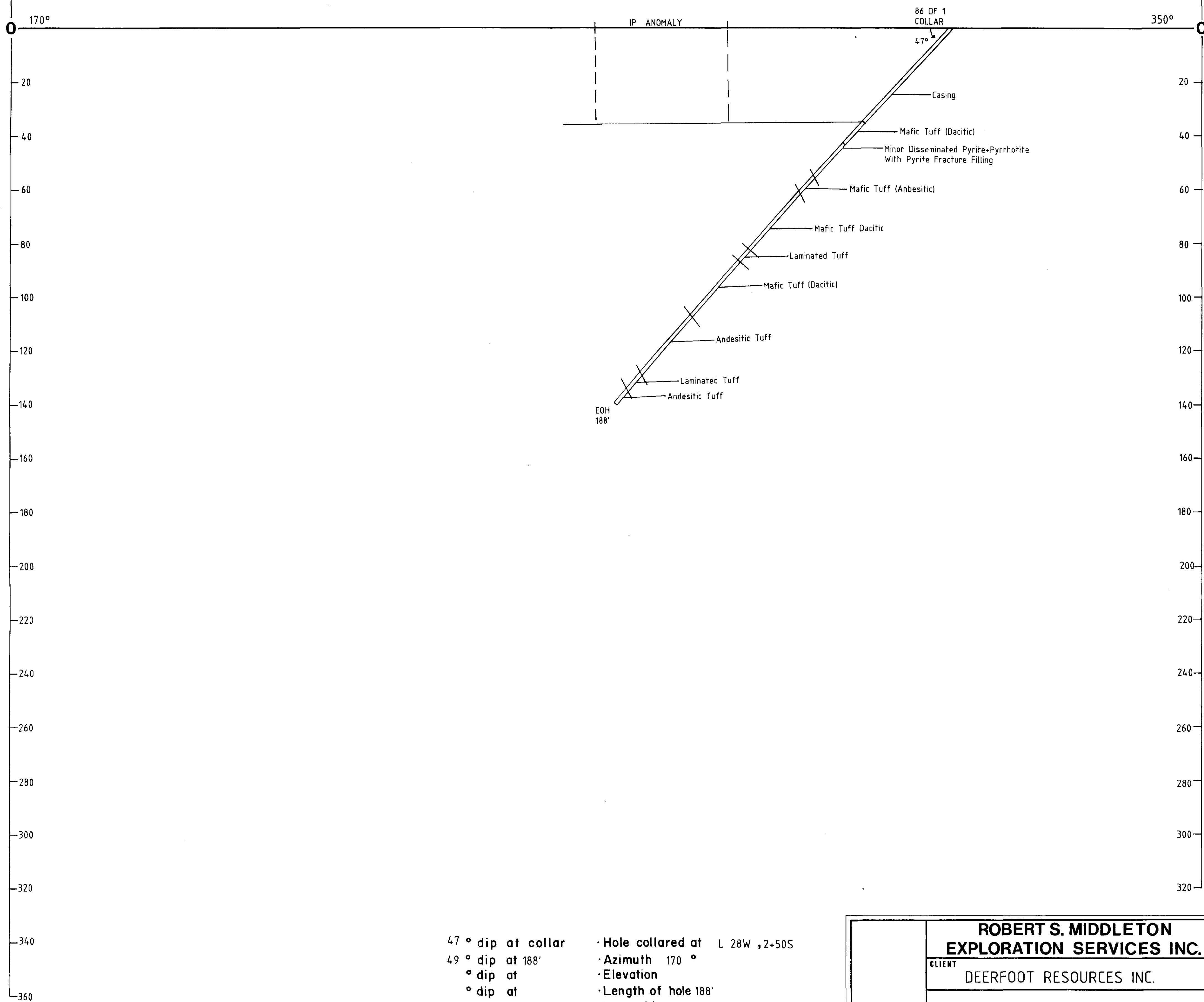




REVISIONS	ROBERT S. MIDDLETON EXPLORATION SERVICES INC.		
	for	ASSESSMENT REPORT	
	Title	CLAIM MAP & DDH LOCATIONS DEERFOOT RESOURCES PROJECT Fig.	
	Date:	Scale: 1:31600	N.T.S.:
	Drawn:	Approved:	File: M-106



SECTION LOOKING 260°



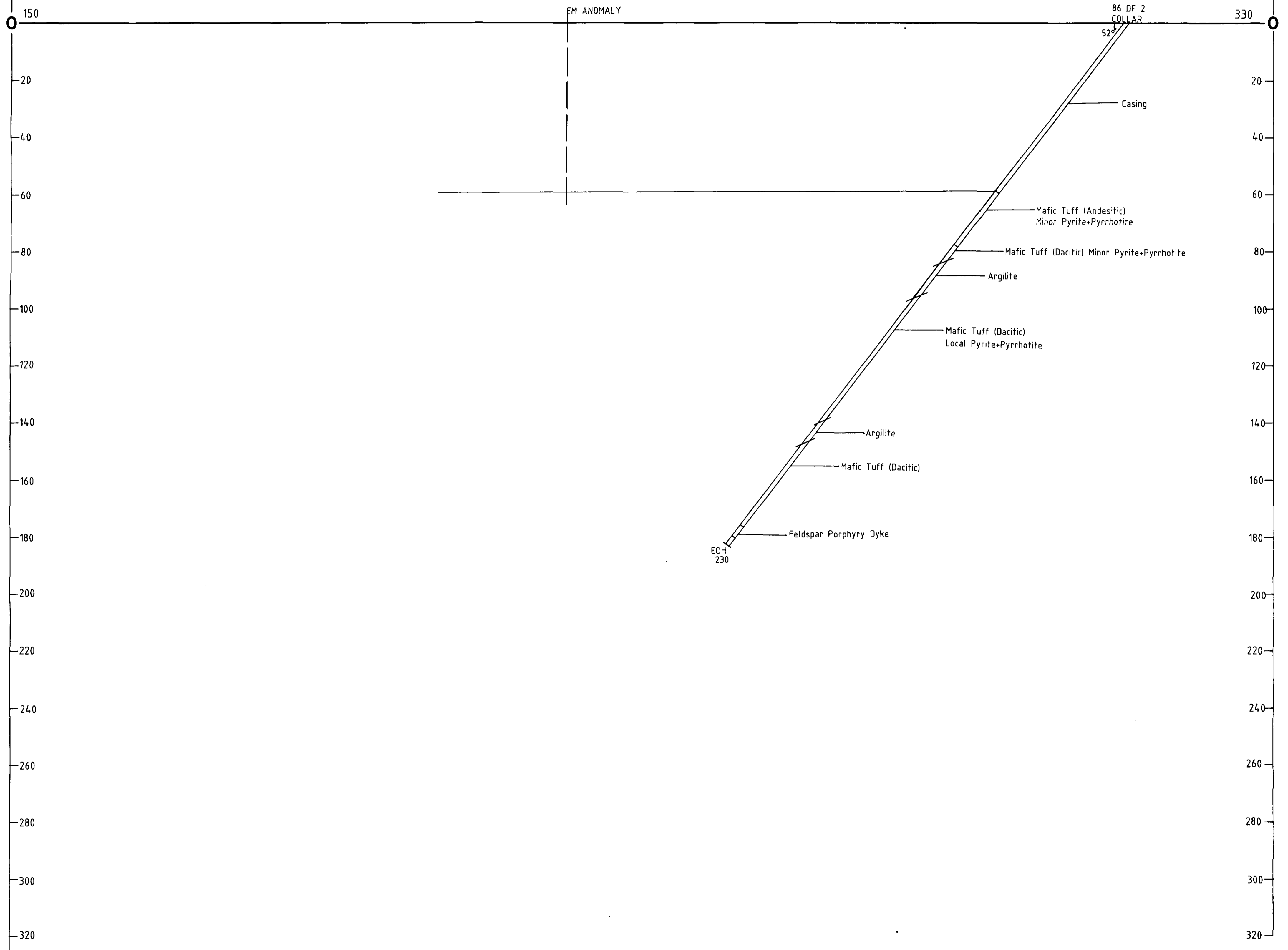
47 ° dip at collar  
 49 ° dip at 188'  
 ° dip at  
 ° dip at  
 ° dip at  
 ° dip at

• Hole collared at L 28W ,2+50S  
 • Azimuth 170 °  
 • Elevation  
 • Length of hole 188'  
 • Logged by M.G. BEAULNE  
 • Drilled by FORAGE SONDEX

<b>ROBERT S. MIDDLETON EXPLORATION SERVICES INC.</b>		
CLIENT DEERFOOT RESOURCES INC.		
DDH- 86 DF 1		
DATE: 28-11-86	SCALE: 1"=20'	N.T.S.:
DRAWN: P.G.	APPROVED:	FILE: M-106



SECTION LOOKING 240°



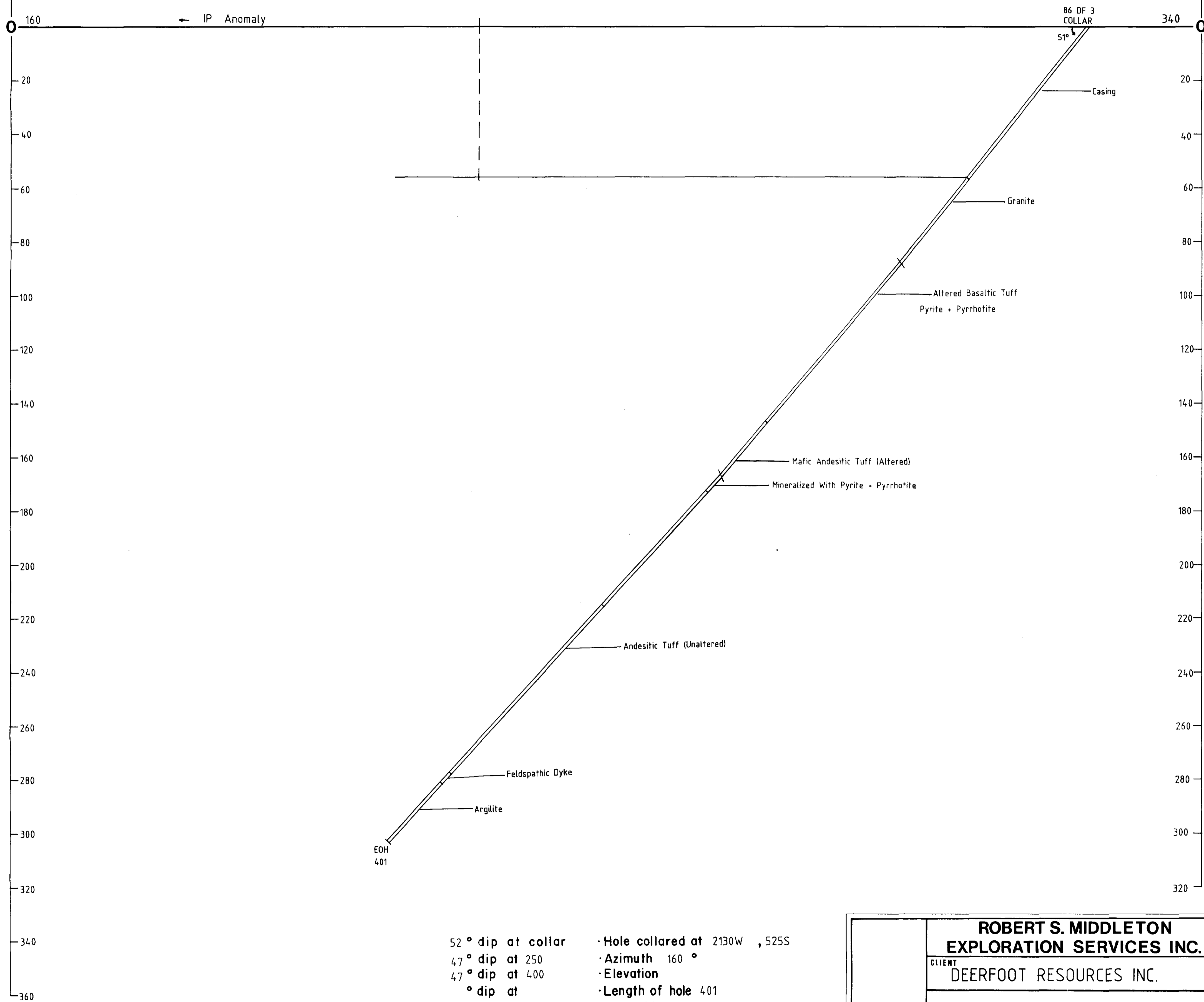
52 ° dip at collar  
 ° dip at  
 ° dip at  
 ° dip at  
 ° dip at  
 ° dip at  
 ° dip at

· Hole collared at 2130W , 875S  
 · Azimuth 150 °  
 · Elevation  
 · Length of hole 230'  
 · Logged by M.G. BEAULNE  
 · Drilled by FORAGE SONDEX

<b>ROBERT S. MIDDLETON EXPLORATION SERVICES INC.</b>		
CLIENT DEERFOOT RESOURCES INC.		
DDH- 86 DF 2		
DATE: 28-11-86	SCALE: 1"=20'	N.T.S.:
DRAWN: P.G.	APPROVED:	FILE: M-106



SECTION LOOKING 250°



52° dip at collar  
 47° dip at 250  
 47° dip at 400  
 ° dip at  
 ° dip at  
 ° dip at

Hole collared at 2130W , 525S  
 Azimuth 160°  
 Elevation  
 Length of hole 401  
 Logged by M.G. BEAULNE  
 Drilled by FORAGE SONDEX

<b>ROBERT S. MIDDLETON EXPLORATION SERVICES INC.</b>		
CLIENT DEERFOOT RESOURCES INC.		
DDH - 86 DF 3		
DATE: 1-12-86	SCALE: 1"=20'	N.T.S.:
DRAWN: P.G.	APPROVED:	FILE: M-106



42#835E8817 15 BLAKELOCK