

# Diamond Drill Record

PAGE 1 OF 6

COLLAR:		HOLE SURVEY		
NORTH	40N	FOOTAGE	AZIMUTH	DIP
EAST	103W			
ELEVATION	4,000 ft asl	797		90°
LOGGED BY	P. F. Lewis			
DATE LOGGED	Oct '72			
MAP REFERENCE NO.	105-K-3	METHOD:		

COMPANY NAME THALES EXPLORATION COMPANY  
 PROPERTY NAME Lyn  
 DRILLING CONTRACTOR E. Caron Diamond Drilling  
 ASSAYER Bondar-Clegg & Co.  
 PURPOSE OF HOLE Coincident Lead and Zinc in Soil

HOLE NO	453-72-2
CLAIM NAME	Lyn 90
COMMENCED	Day Shift Oct 19
FINISHED	Day Shift Oct 24
PROJECT NO.	453

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS/ton			Dip of Foliation		
				FROM	TO	WIDTH	NO.	% Pb	% Zn	Ag	From	To	Dip
			Recovery 90-100% except where otherwise indicated.								10	12	30-40
			Dip symbol "Z" refers to minor assymetric fold in foliation,								12	14	20-30
			generally with sub-horizontal axial plane								14	16	10-20
			"X" refers to contorted, brecciated or otherwise								16	20	0-10
			unrecognizable foliation.								20	22	30-40
											22	34	0-10
	0	10	OVERBURDEN, Casing to 15', left in hole								34	36	10-20
											36	40	0-10
	10	62.5	Calcsilicate Gneiss , Coarser grained, limy banded, variety								40	48	10-20
			(as Hole 1 - 92-95, etc)								48	52	0-10
			52.6 1/10" lime band with galena - concordant								52	54	10-20
	62.5	138.6	Calcsilicate Gneiss - Fine banded, biotite rich variety								54	56	20-30
			(as Hole 1 - 11-359 in part) - schistose in this hole								56	60	10-20
			82 - 82.6 steep hairline mineralized vein	80	85	5	803	Tr	<0.02	0.03	60	70	0-10
			110 - 111.6 veined pyrite-rich oxidized section, with graphite	105	110	5	804	0.03	<0.02	0.04	70	72	10-20
	138.6	148	Graphitic Gneiss (as Hole 1, 626-691)	110	115	5	805	Tr	<0.02	0.02	72	76	0-10
			147 mud seam								76	78	10-20
	148	166	Calcsilicate Gneiss, Fine banded, biotite-rich, variety								78	80	30-40
			154-154.3, 159.6-160 veined, pyritized, oxidized, as 110-111.6	155	160	5	806	Tr	<0.02	0.02	80	84	20-30
			160-165 mildly oxidized, pyrite-rich schistose gneiss	160	165	5	807	0.02	<0.02	0.03	84	86	0-10
	166	331	Graphitic Gneiss								86	88	20-30

Box 1  
10-32  
Box 2  
32-54

Box 3  
54-77.9

Box 4  
77.9-100.6

Box 5  
100.6 -  
122.9

Box 6  
122.9-  
146  
Box 7  
146-169

# Diamond Drill Record

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COLLAR:		HOLE SURVEY		
NORTH _____		FOOTAGE	AZIMUTH	DIP
EAST _____				
ELEVATION _____				
LOGGED BY _____				
DATE LOGGED _____				
MAP REFERENCE NO. _____		METHOD: _____		

COMPANY NAME THALES EXPLORATION COMPANY  
 PROPERTY NAME Lyn  
 DRILLING CONTRACTOR \_\_\_\_\_  
 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO	<u>453-72-2</u>
CLAIM NAME	<u>Lyn 90</u>
COMMENCED	_____
FINISHED	_____
PROJECT NO	<u>453</u>

Box 8  
169-198

Box 9  
198-219

Box 10  
219-239.6

Box 11  
239.6-260.6

Box 12  
260.6-282.6

Box 13  
282.6-304.6

Box 14  
304.6-326.6

Box 15  
326.6-349.6

Box 16  
349.6-372.6

Box 17  
372.6-395

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS			Dip of Foliation		
				FROM	TO	WIDTH	NO	% Pb	% Zn	oz/ton Ag	From	To	Dip
			166, 166.9, 170-171 mud seams								88	90	20-30
			173.9 1" graphite seam								90	92	30-40
		5%	178-186 sand								92	94	20-30
			197-198 gouge and mud	195	200	5	808	Tr	0.04	0.16	94	98	10-20
			200 1/10" sub-horizontal mineralized vein	200	205	5	809	0.02	<0.02	0.05	98	100	20-30
			209-210.6 1/20"-1/2" mineralized veins, 50-60° dip	205	210	5	810	0.02	0.04	0.21	100	105	10-20
			259-261, 261.6-264, 265-266, 267.6-268, 271-272.6, 274.6-276,	210	215	5	811	0.04	0.02	0.14	105	110	Z
			280.9-290, very graphitic breccias								110	122	10-20
			272.6-274, 293.6-295 quartz								122	130	20-30
			304-305, 307-309.6 breccia								130	140	10-20
			326-326.6 quartz and graphite								140	142	40-50
			329 mineralized vein	325	330	5	812	0.05	<0.02	0.06	142	144	2
	331	363	Calcsilicate Gneiss - Fine banded, biotite-rich variety	330	335	5	813	0.02	<0.02	0.02	144	148	80-90
			362-362.6 veined, pyritized, oxidized, as 110-111.6	360	365	5	814	0.02	<0.02	0.02	148	150	30-40
	363	420	Graphitic Gneiss - sericitic at first								150	152	40-50
			366-368 breccia								152	154	0-10
			372-372.6 veined and brecciated								154	158	20-30
			376-378 Quartz								158	160	10-20
			390-391 Fine banded, biotite-rich, calcsilicate gneiss								160	162	20-30
			397-398 breccia with sideritic matrix	395	400	5	815	0.02	<0.02	0.02	162	164	10-20
			402-403, 409.3-410 quartz								164	168	20-30



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 ASSAYER \_\_\_\_\_  
 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO	<u>453-72-2</u>
CLAIM NAME	<u>Lyn 90</u>
COMMENCED	_____
FINISHED	_____
PROJECT NO.	<u>453</u>

Box 18  
395-418  
Box 19  
418-  
439.6

Box 20  
439.6-  
462.6

Box 21  
462.6-  
484

Box 22  
484-508.6

FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS oz/ton			Dip of Foliation		
				FROM	TO	WIDTH	NO.	% Pb	% Zn	Ag	From	To	Dip
			410-413 breccia								168	174	0-10
420	439		Calcsilicate Gneiss, Fine grained, banded variety, gradational								174	178	20-30
			contact with above.								186	196	40-50
			421-423 breccia								196	200	50-60
			426-427, 428-436 disrupted banding								200	202	70-80
			435 mineralized vein	430	435	5	816	Tr	<0.02	0.02	202	204	80-90
439	442		Calcsilicate Gneiss, Fine banded, biotite-rich variety	435	440	5	817	0.04	<0.02	0.09	204	206	70-80
442	443		Graphitic Gneiss								206	214	60-70
			442-442.6 breccia								214	216	40-50
443	444		Calcsilicate Gneiss as 439-442								216	218	10-20
444	445		Graphitic Gneiss								218	220	60-70
445	447		Calcsilicate Gneiss as 439-442								220	222	0-10
447	460		Graphitic Gneiss								222	224	30-40
			450-456 breccia, mud and gouge								224	228	40-50
			458.6 mineralized vein	455	460	5	818	0.04	0.05	0.30	228	236	60-70
460	478		Calcsilicate Gneiss, Fine grained, banded variety	460	465	5	819	0.03	0.02	0.07	236	238	70-80
			464-465 veined, brecciated and pyritized	465	470	5	820	0.02	<0.02	0.02	238	240	60-70
			465-467 skarny								240	242	40-50
			473.6 mineralized vein (Zn)								242	248	20-30
478	492		Graphitic Gneiss								248	252	30-40
			483-490 brecciated with quartz veins and graphite								252	256	20-30

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HOLE NO. <u>453-72-2</u>
CLAIM NAME <u>Lyn 90</u>
COMMENCED _____
FINISHED _____
PROJECT NO. <u>453</u>

Box 23  
508.6-  
529.6

Box 24  
529.6-  
552.6

Box 25  
552.6-  
576

Box 26  
576-  
597.6

Box 27  
597.6-  
620

FROM	TO	RECOVY	DESCRIPTION	DIP OF FOLIATION											
				FROM	TO	Dip		From	To	Dip		From	To	Dip	
492	520		<u>Altered Schist</u>	256	258	30-40		314	316	60-70		390	396	20-30	
			Muscovite 90% with clots of chlorite after garnet and hornblende.	258	260	10-20		316	318	50-60		396	398	60-70	
			Rare relic garnet. Greasy feel may be due to talc. Possibly an	260	264	X		318	320	X		398	404	80-90	
			altered variety of schists drilled by Kerr Addison in hole L-71-1.	264	266	80-90		320	322	30-40		404	408	60-70	
			494-494.3, 498.3-500 <u>Graphitic Gneiss</u>	266	267	0-10		322	324	50-60		408	410	40-50	
520	531		<u>Graphitic Gneiss</u>	267	268	60-70		324	326	30-40		410	414	X	
531	534		<u>Calcsilicate Gneiss - Fine grained, banded variety</u>	268	270	20-30		326	328	20-40		414	416	80-90	
534	539.6		" " - <u>Coarser grained gneissose marble</u>	270	278	40-50		328	330	40-50		416	418	40-50	
			(as Hole 1, 370-381, etc)	278	282	80-90		330	338	30-40		418	420	30-40	
539.6	546		" " - as 531-534	282	288	40-50		338	340	10-20		420	422	Z	
546	547		<u>Graphitic Gneiss</u>	288	290	50-60		340	350	30-40		422	424	X	
547	548		<u>Calcsilicate Gneiss - as 531-534</u>	290	294	60-70		350	352	40-50		424	426	0-10	
548	550		<u>Graphitic Gneiss</u>	294	296	70-80		352	356	30-40		426	434	20-30	
550	552		<u>Calcsilicate Gneiss - as 531-534</u>	296	298	50-60		356	364	20-30		434	436	50-60	
552	554.6		<u>Graphitic Gneiss</u>	298	302	40-50		364	366	Z		436	440	Z	
554.6	557		<u>Calcsilicate Gneiss - Fine banded biotite-rich variety</u>	302	304	20-30		366	368	80-90		440	448	50-60	
557	569		" " as 531-534	304	306	X		368	370	X		448	452	30-40	
569	570		" " as 554.6-557	306	308	80-90		370	372	80-90		452	458	X	
570	597		" " as 531-534	308	310	X		372	378	40-50		458	462	50-60	
597	599		<u>Graphitic Gneiss</u>	310	312	40-50		378	386	50-60		462	464	Z	
599	607		<u>Calcsilicate Gneiss - Fine grained, banded variety as 531-534</u>	312	314	50-60		386	390	40-50		464	466	30-40	



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COMPANY NAME THALES EXPLORATION COMPANY  
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 PURPOSE OF HOLE \_\_\_\_\_

HOLE NO.	<u>453-72-2</u>
CLAIM NAME	<u>Lyn 90</u>
COMMENCED	_____
FINISHED	_____
PROJECT NO.	<u>453</u>

Box 28  
620-  
641.3

Box 29  
641.3-  
663.6

Box 30  
663.6-  
687

Box 31  
687-  
711.6

Box 32  
711.6-  
735

Box 33  
735-758

Box 34  
758-  
783.6

Box 35  
783.6-  
797

FROM	TO	RECOVY	DESCRIPTION	DIP OF FOLIATION											
				FROM	TO	Dip		From	To	Dip		From	To	Dip	
607	608		<u>Graphitic Gneiss</u>	466	468	50-60		524	528	20-30		590	592	70-80	
608	621		<u>Calcsilicate Gneiss</u> - as 531-534	468	470	40-50		528	530	0-10		592	594	Z	
621	622		<u>Graphitic Gneiss</u>	470	472	Z		530	534	20-30		594	596	10-20	
622	655		<u>Calcsilicate Gneiss</u> - as 531-534	472	476	80-90		534	536	30-40		596	598	20-30	
655	694		<u>Graphitic Gneiss</u>	476	478	40-50		536	538	40-50		598	602	30-40	
			655-669.6    very graphitic breccia	478	480	Z		538	544	30-40		602	610	20-30	
			669-694        sericitic - could be called a banded graphite -	480	482	40-50		544	548	60-70		610	620	30-40	
			muscovite schist or phyllite.	482	484	30-40		548	550	X		620	622	80-90	
			681                mineralized vein (Zn)	484	486	X		550	552	50-60		622	626	Z	
694	724		<u>Altered Schist</u> - as 492-520	486	488	40-50		552	554	30-40		626	632	40-50	
724	732		<u>Graphitic Gneiss</u> - as 669-694, sericitic & schistose	488	490	X		554	556	80-90		632	640	30-40	
732	736.6		<u>Altered Schist</u>	490	496	40-50		556	562	50-60		640	642	40-50	
			733                mineralized vein (Zn)	496	498	10-20		562	566	80-90		642	646	30-40	
736.6	758		<u>Graphitic Gneiss</u>	498	500	40-50		566	568	60-70		646	648	80-90	
758	761		<u>Calcsilicate Gneiss</u> - as 531-534	500	502	30-40		568	570	70-80		648	650	60-70	
761	774		<u>Graphitic Gneiss</u>	502	506	20-30		570	578	50-60		650	652	80-90	
			768-771        Breccia	506	508	40-50		578	580	70-80		652	654	0-10	
774	779		<u>Calcsilicate Gneiss</u> - as 531-534	508	510	30-40		580	582	80-90		654	658	20-30	
779	780		<u>Graphitic Gneiss</u>	510	512	40-50		582	584	20-30		658	668	X	
780	786		<u>Calcsilicate Gneiss</u> - <u>Fine grained, banded variety</u> as 531-534	512	522	20-30		584	588	40-50		668	670	0-10	
786	789		<u>Graphitic Gneiss</u>	522	524	30-40		588	590	50-60		670	672	40-50	

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COMPANY NAME THALES EXPLORATION COMPANY  
PROPERTY NAME Lyn  
DRILLING CONTRACTOR \_\_\_\_\_  
ASSAYER \_\_\_\_\_  
PURPOSE OF HOLE \_\_\_\_\_

[illegible]