Diamond Drill Record

COLLAR:		HOLE SURVEY		
		FOOTAGE	AZIMUTH	DIP
NORTH	49N			
EAST	111W			
ELEVATION	3800 ft asl	688.6		90°
LOGGED BY	P.F. Lewis			
DATE LOGGED	Nov 1972			
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. Ltd.
PURPOSE OF HOLE Gravity Anomaly

HOLE NO. 453-72-3
CLAIM NAME Lyn 92
COMMENCED Day Shift Oct 26
FINISHED Day Shift Oct 31
PROJECT NO 453

	FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS % Pb	ASSAYS % Zn	ASSAYS oz/ton Ag	Dip of Foliation From	Dip of Foliation To	Dip of Foliation Dip
				Recovery 90-100% except where otherwise stated.								16	22	X
				Dip symbol "Z" refers to minor assymetric fold in foliation,								22	24	40-50
				generally with sub-horizontal axial plane.								24	26	Z
				"X" refers to contorted, brecciated or otherwise								26	30	40-50
				unrecognizable foliation.								30	34	Z
												34	50	40-50
Box 1 16-41	0	16		Overburden, casing to 25 ft., left in hole								50	60	50-60
Box 2 41-63												60	64	Z
	16	54		Calcsilicate Gneiss, Fine grained, banded variety								64	66	50-60
				(as in Holes 1 & 2)								66	68	Z
			30%	16-22								68	72	50-60
			60%	24-27								72	76	80-90
			60%	36-42								76	78	X
	54	62		Calcsilicate Gneiss, Fine banded, biotite-rich variety								78	80	80-90
				(as in Holes 1 & 2), red-brown, fine-medium grained								80	82	40-50
Box 3 63-86	62	64		Calcsilicate Gneiss, Coarser grained, limy banded variety								82	86	X
				(as in Holes 1 & 2)								86	112	40-50
	64	67		" " as 16-54								112	114	Z
				66 1/20" mineralized (Zn) vein dipping at 50°								114	116	40-50
	67	69		" " as 62-64, disrupted banding								116	120	20-30
	69	70		" " as 16-54								120	126	40-50

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

HOLE NO. 453-72-3
CLAIM NAME Lyn 92
COMMENCED
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	FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO	ASSAYS % Pb	ASSAYS % Zn	ASSAYS oz/ton Ag	Dip of Foliation From	Dip of Foliation To	Dip of Foliation Dip
Box 4 86-108.6	70	110		Graphitic Gneiss (as in Holes 1 & 2). Some sericitic and								126	132	Z
				schistose as in Hole 2, 669-694 and 724-732. Rootless folds in								132	134	20-30
				graphitic seams.								134	144	Z
				81-84 disrupted banding	90	95	5	821	0.02	0.08	Tr	144	148	0-10
Box 5 108.6-131				84.6, 99.6, 105.6, 107 mineralized (Zn) veins	95	100	5	822	0.02	0.06	Tr	148	150	40-50
	110	114		Calcsilicate Gneiss - Coarse limy banded variety	100	105	5	823	0.02	0.04	Tr	150	152	50-60
	114	115		" " - Fine grained banded variety	105	110	5	824	0.02	0.07	Tr	152	156	40-50
				114, 115 1/20" mineralized (Zn) veins dipping at 50°								156	158	30-40
	115	116		" " as 110-114								158	160	40-50
	116	123		" " Coarse gneissose marble (as in Holes 1 & 2)								160	162	10-20
Box 6 131-159	123	131		" " as 110-114								162	172	40-50
	131	154		Graphitic Gneiss								172	174	30-40
				131-149 limy								174	176	X
				131-132 quartz								176	178	40-50
				132-132.6 mineralized (Zn) breccia	130	135	5	825	0.02	0.09	Tr	178	180	X
			50%	137-143								180	182	40-50
				145 1/2" graphitic gouge seam dipping 30°								182	184	30-40
			50%	146-156								184	186	80-90
				149-154 very graphitic								186	188	10-20
												188	190	30-40
	154	157		Altered Schist (as in Holes 1 & 2)								190	192	20-30

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	FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS oz/ton % Pb	% Zn	Ag	S.G.	Dip of Foliation From	To	Dip
Box 7 159-182.9	157	159		Calcsilicate Gneiss Coarse limy banded variety, graphitic									192	198	Z
	159	160		Altered Schist									198	200	0-10
	160	163		Graphitic Gneiss									200	202	30-40
	163	171		Altered Schist									202	208	50-60
Box 8 182.9-205	171	263		Graphitic Gneiss									208	210	30-40
				190-196, 198-200 quartz veined with pyrite and oxidation	190	195	5	826	<0.02	0.12	Tr		210	212	0-10
Box 9 205-231			75%	208-213	195	200	5	827	0.02	0.03	Tr		212	214	30-40
				219-220, 226-228, 230-231 breccia									214	216	X
Box 10 231-252.6			40%	221-226									216	218	50-60
				234, 250-252 heavy siderite veining									218	220	30-40
Box 11 252.6-274				250-258, 259-260 very graphitic, broken recovery									220	222	60-70
	263	297		Calcsilicate Gneiss Fine grained, banded variety. Much									222	226	50-60
				siderite veining, some composite siderite-barite? veins	270							2.78	226	232	20-30
Box 12 274-297				265-265.9 granitic vein (tourmaline, siderite, muscovite & felsics)									232	234	X
Box 13 297-300	297	344		Graphitic Gneiss Limy, siderite veining	300	305	5	828	0.13	0.14	Tr		234	236	40-50
				302.6, 306, 319, 327, 334, 334.6, 339 mineralized (Zn) veins	305	310	5	829	0.12	0.10	Tr		236	240	80-90
Box 14 320-341.6				318, 331 mineralized (Pb) veins	330	335	5	830	0.16	0.07	0.06		240	242	70-80
				325-326, 335-336, 338-339 Very limy, disrupted banding									242	246	80-90
	344	347		Calcsilicate Gneiss Coarse limy banded variety, disrupted									246	248	X
Box 15 341.6-363				banding, heavy siderite veining									248	254	50-60
	347	352		Calcsilicate Gneiss - Fine grained, banded variety, siderite veined									254	256	X

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PURPOSE OF HOLE

HOLE NO. 453-72-3
CLAIM NAME Lyn 92
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PROJECT NO. 453

	FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO	ASSAYS % Pb	ASSAYS % Zn	ASSAYS oz/ton Ag	ASSAYS S.G.	Dip of Foliation From	Dip of Foliation To	Dip of Foliation Dip
Box 16 363-385	352	365		Graphitic Gneiss - Limy, siderite veined									256	258	60-70
				363, 364 siderite veining with trace sphalerite	360	365	5	831	0.60	0.04	0.18		258	260	80-90
				364.6-365 siderite veining with galena and trace chalcopyrite.	365	370	5	832	0.69	0.13	0.12		260	264	30-40
				Some breccia with siderite matrix.									264	266	20-30
Box 17 385-407.6	365	387		Calcsilicate Gneiss - as 347-352, siderite veining heavy to 375									266	270	40-50
				368 composite galena-siderite veining, galena core.									270	274	30-40
				368.6 1/10-1/4" galena-sphalerite-siderite vein.									274	284	20-30
				369 sphalerite in calcite-siderite vein.									284	286	80-90
				369.3 galena in siderite vein (trace)									286	292	50-60
				376 trace galena & sphalerite in siderite									292	296	60-70
				379.9 trace sphalerite in siderite									296	304	40-50
	387	391		Graphitic Gneiss - limy, siderite veining heavy 390-391									304	306	80-90
	391	407		Calcsilicate Gneiss, as 365-387, siderite veined 391-392									306	308	50-60
				394.6 trace galena, sphalerite in siderite									308	310	20-30
Box 18 407.6-430				407 trace galena in siderite									310	312	0-10
	407	425		Graphitic Gneiss - slightly limy									312	314	Z
				407-412, 418.6, 423-425 siderite veining									314	316	30-40
				418.6 galena in siderite	415	420	5	833	0.09	0.06	Tr		316	318	X
				421, 423, 423.6 sphalerite in siderite	420	425	5	834	0.04	0.09	0.04		318	320	50-60
				422-425 quartzite bands									320	324	80-90
Box 19 430-453	425	443		Quartzite - faintly banded and siderite veined, may be a									324	326	70-80

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FROM	TO	RECOVY	DESCRIPTION	SAMPLE				ASSAYS oz/ton				Dip of Foliation		
				FROM	TO	WIDTH	NO.	% Pb	% Zn	Ag	S.G.	From	To	Dip
			hydrothermal product.									326	328	40-50
			430.6, 441.6, 442 galena in siderite	440	445	5	835	0.02	0.02	Tr		328	330	80-90
		60%	436-440									330	336	60-70
			435-443 short sections of graphitic gneiss & some graphite									336	340	50-60
			seams.									340	342	70-80
443	451		Graphitic Gneiss - limy									342	344	80-90
			443.6, 447 galena in calcite veining									344	354	10-20
	451	452	Calcsilicate Gneiss - Fine grained, banded variety, disrupted									354	360	50-60
			banding.									360	364	40-50
			451.3 trace sphalerite in siderite									364	366	30-40
	452	453+	Graphitic Gneiss - limy									366	376	20-30
Box 20 462-483		NIL	453-462									376	382	10-20
	-462	467	Calcsilicate Gneiss - Coarse, limy banded variety, skarny									382	384	0-10
	467	472	" " - Fine grained, banded variety									384	386	10-20
			468-470 gouge									386	388	X
			470.6 trace sphalerite									388	390	30
	472	475	Graphitic Gneiss									390	392	40-50
	475	482	Calcsilicate Gneiss as 467-472									392	398	10-20
Box 21 483-505	482	483	Graphitic Gneiss									398	408	30-40
Box 22 505-531	483	486	Calcsilicate Gneiss - Fine grained, banded variety									408	410	50-60
	486	554	" " - Coarse, limy, banded variety									410	418	80-90

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HOLE NO 453-72-3
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	FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS % Pb	ASSAYS % Zn	ASSAYS oz/ton Ag	Dip of Foliation From	Dip of Foliation To	Dip of Foliation Dip
				Well developed folding of bands from 510-540 with development of								418	420	60-70
Box 23				second fabric dipping 10-20° from 510-515 and 535-554, 20-30°								420	432	50-60
531-				from 515-535. Fold axes generally at 40-60° to dip direction.								432	434	Z
554.6			60%	526-531								434	438	80-90
				536-538 dense biotite-rich, biotite-siderite gneiss								438	440	60-70
Box 24	554	563		Calcsilicate Gneiss - Fine grained, banded variety								440	444	X
554.6-				556 mineralized (Zn) vein	555	560	5	836	0.04	0.09	Tr	444	450	60-70
581				560 galena in siderite								450	462	50-60
			40%	558-564								462	464	Z
				563-564 fine powder								464	468	30-40
	563	578		Calcsilicate Gneiss - Coarse limy banded variety, as 486-554,								468	470	X
				very limy, dominantly carbonate with biotite bands.								470	472	40
				572-573 biotite-siderite gneiss, as 536-538								472	476	60-70
Box 25	578	579		Calcsilicate Gneiss - Coarse gneissose marble								476	482	50-60
581-	579	582		" " - as 563-578								482	484	Z
602.9	582	583.6		" " - as 578-579								484	488	20-30
	583.6	585		" " - as 563-578								488	498	40-50
	585	591		Calcsilicate Gneiss - Coarse gneissose marble								498	508	30-40
				585 mineralized (Zn) vein								508	544	Z
				589 Tourmaline, as 265-265.9								544	548	10-20
	591	600		Calcsilicate Gneiss - Fine grained, banded variety, limy								548	550	40-50

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	FROM	TO	RECOVY	DESCRIPTION	SAMPLE FROM	SAMPLE TO	SAMPLE WIDTH	SAMPLE NO.	ASSAYS % Pb	ASSAYS % Zn	ASSAYS oz/ton Ag		Dip of Foliation		
				and sideritic.									550	556	30-40
				592 sphalerite in band concordant with foliation	592	597	5	837	0.12	0.24	Tr		556	558	Z
				593.6 galena in siderite									558	564	X
				593.6-596 siderite veined, siderite gneiss, with galena									564	566	Z
Box 26 602.9-626				596.6 galena in siderite									566	572	40-50
	600	604.6		Calcsilicate Gneiss - Coarse gneissose marble									572	584	30-40
	604.6	605.6		" " - Fine grained, banded variety, limy									584	588	50-60
				604.6 mineralized (Zn) vein									588	594	40-50
	605.6	607		" " as 600-604.6									594	596	80-90
	607	608		" " - Coarse limy, banded variety									596	604	50-60
	608	610		" " as 600-604.6									604	608	30-40
	610	614		" " as 607-608, biotite-rich									608	610	50
	614	619		" " as 600-604.6									610	622	30-40
	619	620		" " as 610-614									622	626	20-30
Box 27 626-648.6	620	621		" " as 600-604.6									626	666	10-20
	621	637		" " as 610-614, very limy	620	625	5	838	0.02	0.04	Tr		666	680	20-30
				624.6 1/20" concordant lime-sphalerite layer									680	682	Z
	637	638		Calcsilicate Gneiss - as 604.6-605.6									682	684	40-50
Box 28 648.6-672.6	638	672		Calcsilicate Gneiss - Coarse, limy, banded variety, very limy									684	686	20-30
				and biotite-rich bands.									686	688	30-40
Box 29 672.6-688	672	673		Calcsilicate Gneiss - Coarse gneissose marble									688	688.6	Z

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			672.9-673.3 Tourmaline-muscovite-granite dyke as 265-265.9.											
673	678		Calcsilicate Gneiss - as 638-672											
678	679		" " - as 672-673											
679	681		" " - Coarse, limy, banded variety											
			679-680 some garnet and sericite											
			680-681 lime poor											
681	END		Quartzite											
			688.6 END OF HOLE											