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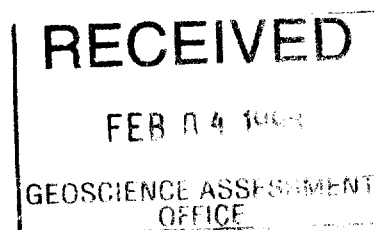
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REPORT
ON
PHASE III and PHASE IV
DRILLING PROGRAMS

McGARRY PROJECT
McGARRY TWP., VIRGINIATOWN AREA
LARDER LAKE MINING DIVISION, ONTARIO

TRANSPACIFIC RESOURCES INC.
TORONTO, ONTARIO



Toronto, Ontario
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E. A. Gallo, B.Sc., F.G.A.C.
Gallo Exploration Services Inc.



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REPORT
ON
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DRILLING PROGRAMS
McGARRY PROJECT
McGARRY TWP., VIRGINIATOWN AREA
LARDER LAKE MINING DIVISION, ONTARIO
TRANSPACIFIC RESOURCES INC.

INTRODUCTION

Transpacific Resources Inc. holds Mining Lease CLM 298 situated in the northwest part of McGarry Twp., Virginiatown Area, Ontario. Transpacific recently performed two drilling programs on the Lease. One of the programs, termed Phase III, was undertaken in the latter part of 1996. The other, termed Phase IV, was undertaken in early 1997. This Report provides details, including technical results, on the two drilling programs, and makes recommendations regarding further work.

CLAIMS DATA

The Transpacific property consists of Mining Lease CLM 298, on which the drilling was performed, plus 4 contiguous claim blocks. Mining Lease CLM 298 consists of 52 mining claims. The 4 claim blocks are numbered L 1193121, L 1193122, L 1193123, and L 1202672.

Mining Lease CLM 298 is a 21 year lease with a renewable date of January 1, 2008. The Lease can be maintained by paying the annual rental fee.

Claim blocks L 1193121 and L 1193122 each consist of 4 claim units. Claim block L 1193123 consists of 2 claim units.

L 1193121 has a due date of Jan. 26, 1998. L 1193122 and L 1193123 have the same due date - Jan. 26, 1999.

Claim block L 1202672 consists of 2 claim units, and has a due date of Aug. 2, 1998.

LOCATION

The Transpacific property lies in the northwest part of McGarry Twp., Larder Lake Mining Division, Ontario. The property is centred at approximately latitude $48^{\circ}10'$, and longitude $79^{\circ}35'$, on NTS map sheet 32 D/4. The mining community of Virginiatown is situated 1.2 kms south of the southeast corner of the property. Figure I is a general location sketch, and Figure II is a reduction of OMNR Claim Plan G-3678, McGarry Twp. The property is shown outlined in red on Figure II.

ACCESS

The property is easily reached by 4-wheel drive vehicle along a former haulage road leading northward from Virginiatown. This road passes the SE corner of the property. The north part of the property is also reached easily by 4-wheel drive vehicle, along a circuitous route of timber haulage roads that lead westward from the Cheminis Road at a point approximately 400 meters north of its crossing the Ontario Northland Railway tracks. The Cheminis Road leads northeastwards from Provincial Highway 66 at a point 500 meters east of the village of Kearns, or about 1.6 kms east of Virginiatown.

REGIONAL GEOLOGY

The Transpacific property lies in the Abitibi Greenstone Belt of the Canadian Precambrian Shield. The rocks consist mainly of Archean age metavolcanics, with interbedded clastic sedimentary units, all of which have been metamorphosed to the greenschist facies. These supracrustal rocks trend in a general east-west direction, and dip vertically. Locally, large granitic batholiths intrude the volcanic-sedimentary assemblage. The regional geology is shown on Figure I.

LOCAL GEOLOGY

The Transpacific property is underlain mainly by Archean basic metavolcanics consisting of pillowed, massive, and spherulitic andesites and basalts. These volcanics have been intruded by



Ministry of Northern Development and Mines Ontario

Ministère du Développement du Nord et des Mines

Hugh P. O'Neil Minister of Mines

GEOLOGY AND PRINCIPAL MINERALS OF ONTARIO GÉOLOGIE ET MINÉRAUX PRINCIPAUX DE L'ONTARIO

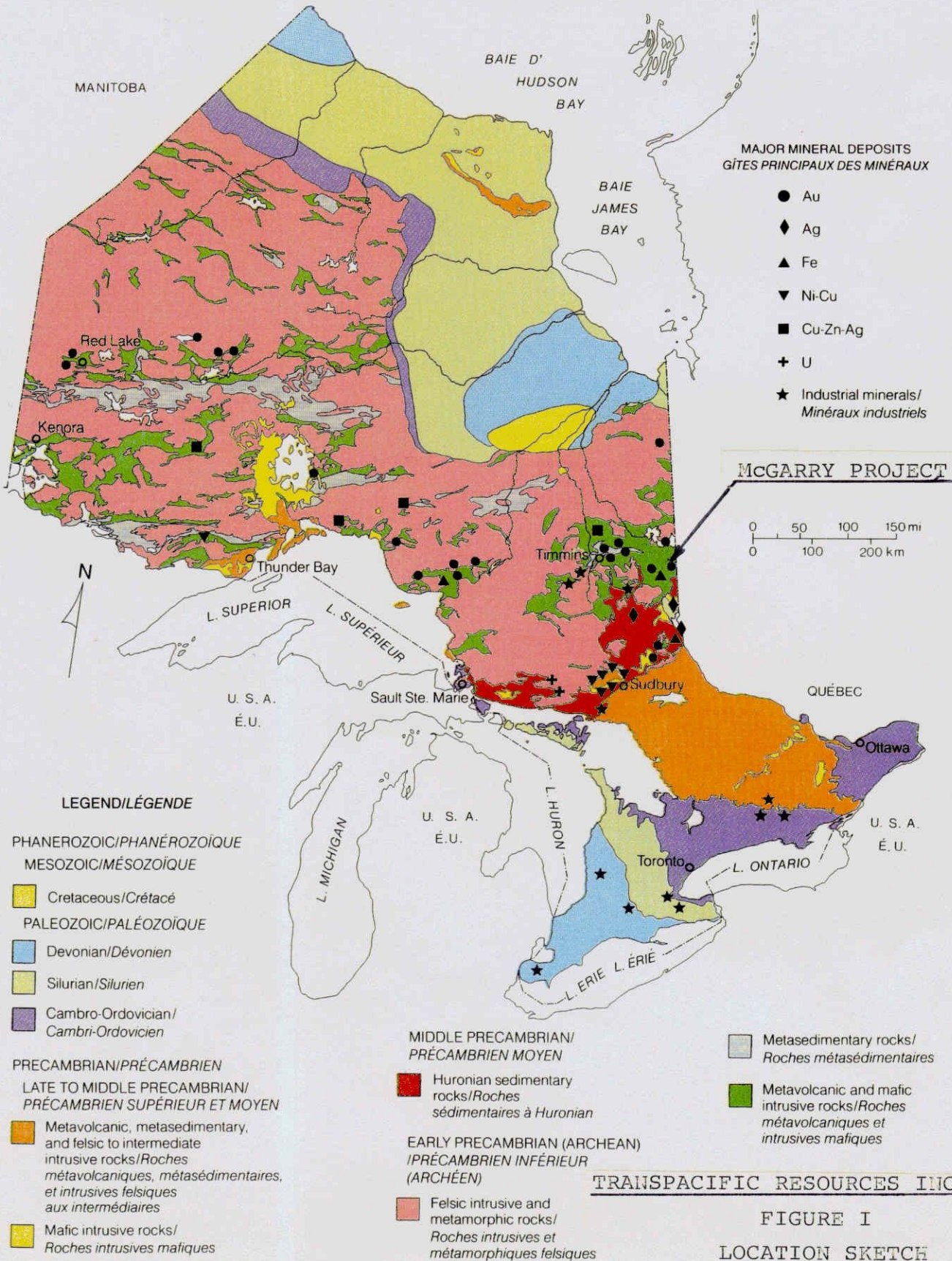


FIGURE I
LOCATION SKETCH

syenitic and dioritic bodies in the north part of the property, and by gabbroic bodies in the west part of the property. The metavolcanics trend in a general east-west direction, and dip vertically or steeply to the south.

The southern part of the Transpacific property is underlain by Timiskaming-type metasediments consisting of greywackes, arkose and conglomerate, and by trachytic volcanics. These strata trend in a general east-west direction, and dip steeply to the south. They are in fault contact with the Archean meta-volcanics to the north.

DIAMOND DRILLING: PHASE III

Eighteen holes totalling 2,475.5 meters (8,119.6 feet) were drilled in Phase III. Ten of the holes were drilled into the Instant Creek Gold Zone, and the remaining 8 holes into the South Gold Zone. The holes were drilled between Oct-Dec., 1996.

The 10 holes drilled into the Instant Creek Gold Zone are numbered 96-25, -26, -28, -29, -30, -32, and -37 to -40, inclusive. Together they total 1,366.4 m (4,481.8').

The 8 holes drilled into the South Gold Zone are numbered 96-31, -33 to -36, inclusive, and -41, -42, and -43. They total 1,109.1 m (3,637.8').

Core logs for these holes are given in Appendix I. Assay Certificates for core samples are given in Appendix II.

Figure III is a 1:500 scale plan showing the drill hole locations.

Figures IV to XIX, inclusive, are 1:500 scale sections showing each of the 18 holes drilled in the Phase III program.

Table I is a summary of pertinent information and results, including assays, for Phase III holes drilled into the Instant Creek Gold Zone.

Most of the holes drilled into the Instant Creek Gold Zone were shallow, drilled to depths of 82-150 meters (270-490'). The deepest hole, 96-37, was drilled to a depth of 247 meters (810 feet).

All of the holes intersected basalts. Feldspar porphyry and syenite were intersected in most of the holes.

Seven of the 10 Instant Creek holes intersected potentially-economic quantities of gold mineralization. Accentuating the

TABLE I

TRANSPACIFIC RESOURCES INC.
McGARRY PROJECT

SUMMARY
PHASE III DRILLING RESULTS
INSTANT CREEK GOLD ZONE

HOLE No 96-	CO-ORDINATES		AZIMUTH degrees	DIP degrees	LENGTH		MAJOR ROCK UNITS	SIGNIFICANT MINERALIZATION						REMARKS		
	NORTHING	EASTING			meters	feet		INTERVAL				INTERCEPT			Au	
								from meters	feet	to meters	feet	meters	feet		ppb	oz/ton
25	1501	2157	352	45	82	269	Basalt	57.6	189.0	58.5	191.9	0.9	2.9	2286	0.07	with 1160 ppm Cu (0.12%) with 1313 ppm Cu (0.13%)
								or 57.6	189.0	59.3	194.5	1.7	5.5	1667	0.05	
26	1503	2183	352	45	100	328	Basalt	28.7	94.0	28.9	94.8	0.2	0.8	6240	0.18	Carbonate Zone: 38.7 to 40.3 = 1.6m (127.0 to 132.2 = 5.2') 4350 ppm Cu (0.44%): 63.1 to 63.9 = 0.8m (207.0 to 209.5 = 2.5')
								or 28.7	94.0	30.1	98.7	1.4	4.7	2069	0.06	
								59.9	196.6	60.9	199.9	1.0	3.3	3754	0.11	
								78.4	257.3	78.9	258.6	0.5	1.3	2057	0.06	
28	1485	2260	352	45	149.9	492	Basalt	138.4	454.1	138.7	454.9	0.3	0.8	1199	0.03	Carbonate Zone: 75.3 to 76.7 = 1.4m (247.0 to 251.6 = 4.6') Deformation Zone: 131.0 to 134.6 = 3.6m (429.7 to 441.5 = 11.8')
29	1506	2282	352	45	90	295	Basalt	-	-	-	-	-	-	-	-	
30	1459	2207	352	60	199.5	654	Basalt, Syenite	-	-	-	-	-	-	-	-	-
32	1496	2210	352	60	123	403	Basalt	15.0	49.2	16.0	52.4	1.0	3.2	5429	0.16	
								or 15.0	49.2	17.1	56.2	2.1	7.0	3144	0.09	
								37.0	121.4	38.4	125.9	1.4	4.5	2128	0.06	
								43.2	141.7	43.9	143.9	0.7	2.2	2809	0.08	
								55.9	183.4	56.7	186.0	0.8	2.6	4706	0.14	
								64.3	210.8	64.9	213.0	0.6	2.2	2872	0.08	
								or 63.8	209.3	66.0	216.5	2.2	7.2	1433	0.04	
37	1484	2049	352	60	247	810	Basalt	56.6	185.6	57.8	189.6	1.2	4.0	3280	0.10	Fault: 86.8 to 88.0 = 1.2m (284.7 to 288.6 = 3.9') Metallics Assay: 3.48 oz/ton. Visible Gold: 204.3m (670.1') Green Carbonate and Deformation Zones: 196.1 to 230.9 = 34.8m (643.2 to 757.4 = 114.2')
								or 55.5	182.0	57.8	189.6	2.3	7.6	1914	0.06	
								204.2	669.8	204.4	670.6	0.2	0.8	119212	3.48	
								or 204.2	669.8	205.0	672.4	0.8	2.6	34292	1.00	
38	1519	2077	352	59	122	400	Basalt	21.6	70.9	22.0	72.0	0.4	1.1	2410	0.07	Metallics Assay: 2.32 oz/ton. Visible Gold: 34.6m (113.5') Carbonate Zone: 75.1 to 75.7 = 0.6m (246.3 to 248.3 = 2.0') Deformation Zone: 78.0 to 78.8 = 0.8m (255.8 to 258.5 = 2.7') Fault: 83.8 to 84.4 = 0.6m (274.9 to 276.9 = 2.0')
								34.5	113.4	34.6	113.6	0.1	0.2	79475	2.32	
								or 34.5	113.4	35.2	115.4	0.7	2.0	9710	0.28	
								55.9	183.2	57.0	186.8	1.1	3.6	1300	0.04	
								75.7	248.4	76.1	249.7	0.4	1.3	11641	0.34	
								or 75.7	248.4	76.9	252.2	1.2	4.2	4346	0.13	
								82.5	270.6	82.9	271.8	0.4	1.2	17749	0.52	
								or 82.5	270.6	84.4	276.9	1.9	6.3	4118	0.12	
39	1615	2000	168	45	132	433	Basalt	-	-	-	-	-	-	-	-	Fault: 46.4 to 46.6 = 0.2m (152.2 to 152.8 = 0.6') Deformation Zone: 46.4 to 49.5 = 3.1m (152.7 to 162.4 = 9.7') Deformation Zone: 49.3 to 53.7 = 4.4m (161.8 to 176.1 = 14.3') Carbonate Zone: 94.3 to 109.3 = 15.0m (309.3 to 358.6 = 49.3')
40	1515	2028	352	60	121	397	Basalt	106.1	247.9	107.5	352.6	1.4	4.7	1024	0.03	

gold mineralization, several holes returned geologic data indicative of 2 significant gold-bearing environments - green carbonate zones, and deformation zones. Green carbonates host economic quantities of gold mineralization at the Kerr Addison Mine, 3 kms (2 miles) to the south, and also at several other mines elsewhere along the Larder Lake Break. Deformation zones are major structural breaks in the earth's crust, characterized by intense shearing and faulting. The association of gold mineralization with shearing and faulting has long been recognized in the Kirkland Lake Gold Camp, at Timmins, and at other major gold-producing areas throughout the world.

The best assay results in the Instant Creek Gold Zone were returned from holes 96-37, and 96-38, where intersections of 119,212 ppb Au (3.48 oz/ton) across a core length of 0.2 meter (0.8'), and 79,475 ppb Au (2.32 oz/ton) across 0.1 meter (0.2'), respectively, were obtained. Visible gold was identified in both mineralized sections. One other mineralized lens in 96-37 returned 3,280 ppb Au (0.10 oz/ton) across 1.2 meter (4.0'). Four other mineralized lenses in 96-38 returned 17,749 ppb Au (0.52 oz/ton) across 0.4 meter (1.2'), 11,641 ppb Au (0.34 oz per ton) across 0.4 meter (1.3'), 2,410 ppb Au (0.07 oz/ton) across 0.4 meter (1.1'), and 1,300 ppb Au (0.04 oz/ton) across 1.1 meter (3.6').

Hole 96-32 intersected 5 mineralized lenses, the best of which returned 5,429 ppb Au (0.16 oz/ton) across 1.0 meter (3.2'). The 4 other lenses returned values of 4,706 ppb Au (0.14 oz per ton) across 0.8 meter (2.6'), 2,872 ppb Au (0.08 oz/ton) across 0.6 meter (2.2'), 2,809 ppb Au (0.08 oz/ton) across 0.7 meter (2.2'), and 2,128 ppb Au (0.06 oz/ton) across 1.4 meters (4.5').

Hole 96-26 intersected 3 mineralized lenses, the best of which returned 6,240 ppb Au (0.18 oz/ton) across 0.2 meter (0.8'). The 2 other lenses returned values of 3,754 ppb Au (0.11 oz per ton) across 1.0 meter (3.3'), and 2,057 ppb Au (0.06 oz per ton) across 0.5 meter (1.3'). Values of up to 4,350 ppm Cu (0.44%) across 0.8 meter (2.5') were also obtained in hole 96-26.

Hole 96-25, -28, and -40 returned values of 2,286 ppb Au (0.07 oz/ton) across 0.9 meter (2.9'), 1,199 ppb Au (0.03 oz/ton) across 0.3 meter (0.8'), and 1,024 ppb Au (0.03 oz/ton) across 1.4 meter (4.7'), respectively. Values of up to 1,313 ppm Cu (0.13%) were also obtained in hole 96-25.

Holes 96-29, -30, and -39 did not return any gold values of potential interest.

A green carbonate zone was intersected in hole 96-37, extending for a core length of 34.8 meters (114.2') from 196.1 - 230.9 meters (643.2 - 757.4'). Carbonate zones were also intersected

in holes 96-26, -28, -38, and -40. Minor carbonate alteration was encountered in holes 96-25 and 96-30.

Deformation zones were intersected in holes 96-28, -37, -38, -39, and -40. A fault was intersected in holes 96-37, -38, and -39.

Phase III holes drilled into the South Gold Zone all intersected diorite. A few of the holes also intersected basalt, and minor amounts of feldspar porphyry and argillite. All of the holes are shallow, with depths between 107-178 meters (351-584').

Phase III holes in the South Gold Zone also encountered potentially-economic gold mineralization, green carbonates, and deformation zones.

The South Gold Zone is parallel to, and 150 meters (490') south of the Instant Creek Gold Zone.

Table II is a summary of pertinent information and results, including assays, for Phase III holes drilled into the South Gold Zone.

All 8 of the Phase III holes in the South Gold Zone returned gold values. The best intersection was obtained in hole 96-34, where 482,884 ppb Au (14.08 oz/ton) was returned across 0.5 meter (1.4'). Visible gold was noted in this mineralized zone. Two other mineralized lenses in 96-34 returned values of 62,743 ppb Au (3.19 oz/ton) across 0.3 meter (1.0'), or 4,627 ppb Au (0.13 oz/ton) across 7.4 meters (24.3'), and 1,474 ppb Au (0.04 oz/ton) across 1.5 meter (4.9').

Five other holes in the South Gold Zone returned high gold assays. They are 96-31, -33, -41, -42, and -43. Holes 96-36 returned moderate and low gold values, respectively.

Hole 96-31 intersected 6 mineralized lenses. The best returned 40,706 ppb Au (1.19 oz/ton) across a core length of 0.3 meter (0.8'). The other 5 lenses returned values of 5,760 ppb Au (0.17 oz/ton) across 0.4 meter (1.5'), 4,080 ppb Au (0.12 oz per ton) across 0.5 meter (1.8'), 1,903 ppb Au (0.06 oz/ton) across 0.3 meter (0.9'), 1,577 ppb Au (0.05 oz/ton) across 0.5 meter (1.6'), and 1,563 ppb Au (0.05 oz/ton) across 1.3 meter (4.3').

Hole 96-33 intersected 5 mineralized lenses, the best of which returned an assay of 15,806 ppb Au (0.46 oz/ton) across 1.1 meter (3.5'). The other 4 lenses returned values of 8,240 ppb Au (0.24 oz/ton) across 0.3 meter (0.8'), 6,343 ppb Au (0.19 oz/ton) across 0.5 meter (1.8'), 6,274 ppb Au (0.18 oz/ton) across 0.4 meter (1.5'), and 4,406 ppb Au (0.13 oz/ton) across 0.6 meter (2.0')

TABLE II

TRANSPACIFIC RESOURCES INC.
MCGARRY PROJECT

SUMMARY
PHASE III DRILLING RESULTS
SOUTH GOLD ZONE

HOLE No 96-	CO-ORDINATES		AZIMUTH degrees	DIP degrees	LENGTH		MAJOR ROCK UNITS	SIGNIFICANT MINERALIZATION								REMARKS
	NORTHING	EASTING			meters	feet		INTERVAL				INTERCEPT		Au		
								from meters	to feet	from meters	to feet	from meters	to feet	ppb	oz/ton	
31	1324	2035	352	46	107	351	Diorite	11.6	37.9	12.0	39.4	0.4	1.5	5760	0.17	Deformation Zone: 99.0 to 100.0 = 1.0m (324.8 to 328.1 = 1.3')
								22.0	72.2	22.3	73.0	0.3	0.8	40706	1.19	
								or 20.8	68.2	22.3	73.0	1.5	4.8	7066	0.21	
								49.0	160.7	49.5	162.5	0.5	1.8	4080	0.12	
								64.1	210.2	64.6	211.8	0.5	1.6	1577	0.05	
								or 64.1	210.2	65.0	213.2	0.9	3.0	1512	0.04	
								77.8	255.3	79.2	259.6	1.3	4.3	1563	0.05	
								95.1	311.8	95.4	312.7	0.3	0.9	1903	0.06	
								or 93.8	307.5	95.4	312.7	1.6	5.2	1239	0.04	
33	1330	2085	352	44	130	426	Diorite, Basalt	95.7	313.8	96.3	315.8	0.6	2.0	4406	0.13	
								98.7	323.6	99.1	325.1	0.4	1.5	6274	0.18	
								118.2	387.8	118.5	388.6	0.3	0.8	8240	0.24	
								122.6	402.2	123.7	405.7	1.1	3.5	15806	0.46	
								125.0	410.0	125.5	411.8	0.5	1.8	6343	0.19	
								or 122.0	400.2	125.5	411.8	3.5	11.6	5910	0.17	
34	1337	2006	352	46	121.1	397	Diorite	74.6	244.6	74.8	245.3	0.2	0.7	22937	0.67	Metallics Assay: 0.67 oz/ton. Visible Gold: 74.7m (245.0') Metallics Assay: 3.19 oz/ton. Visible Gold: 79.0m (259.1') Metallics Assay: 0.98 oz/ton. Visible Gold: 95.4m (312.9') Metallics Assay: 14.08 oz/ton. Visible Gold: 95.9m (314.6') Green Carbonate and Deformation Zones: 110.0 to 112.5 = 2.5m (360.8 to 369.0 = 8.2')
								78.0	255.7	78.5	257.4	0.5	1.7	2178	0.06	
								78.5	257.4	79.0	259.0	0.5	1.6	7383	0.14	
								79.0	259.0	79.3	260.0	0.3	1.0	62743	3.19	
								80.2	263.2	81.0	265.6	1.8	2.4	1857	0.05	
								or 74.6	244.6	82.0	268.9	7.4	24.3	4627	0.13	
								95.4	312.8	95.6	313.7	0.2	0.9	33566	0.98	
								95.6	313.7	96.1	315.1	0.5	1.4	482884	14.08	
								or 95.4	312.8	96.1	315.1	0.7	2.3	320088	9.34	
								116.5	382.1	118.0	387.0	1.5	4.9	1474	0.04	
35	1332	2111	352	43	120	394	Diorite, Basalt	87.8	288.0	89.4	293.2	1.6	5.2	1572	0.05	Metallics Assay: 0.10 oz/ton Green Carbonate and Deformation Zones: 73.3 to 77.3 = 4.0m (240.3 to 253.6 = 13.3')
								105.2	345.0	105.3	345.3	0.1	0.3	3292	0.10	
36	1389	2060	352	43.5	162	531	Diorite	109.6	359.5	110.0	360.9	0.4	1.4	686	0.02	Metallics Assay: 0.02 oz/ton Carbonate and Deformation Zones: 107.8 to 113.0 = 5.2m (353.6 to 370.5 = 16.9')
								or 109.2	358.2	110.0	360.9	0.8	2.7	684	0.02	
41	1350	1986	5	45	150	492	Diorite, Basalt	18.1	59.5	19.2	62.8	1.1	3.3	23943	0.70	Carbonate and Deformation Zones: 107.4 to 110.6 = 3.2m (352.2 to 362.7 = 10.5')
								or 17.3	56.6	20.1	66.0	2.8	9.4	8940	0.26	
								70.0	229.5	71.2	233.4	1.2	3.9	3497	0.10	
								100.8	330.6	101.5	333.1	0.7	2.5	3006	0.09	
42	1330	1950	359	45	141	462	Diorite	68.2	223.8	69.9	229.3	1.7	5.5	1906	0.06	Green Carbonate and Deformation Zones: 116.0 to 124.5 = 8.5m (380.5 to 408.5 = 28.0')
								74.0	242.7	76.3	250.2	2.3	7.5	1108	0.03	
								92.4	302.9	93.2	305.7	0.8	2.8	12354	0.36	
								104.8	343.6	106.3	348.5	1.5	4.9	10303	0.30	
								118.4	388.4	118.7	389.5	0.3	1.1	1716	0.05	
								140.8	461.7	141.0	462.5	0.2	0.8	1046	0.03	
43	1297	2006	352	42.5	178	584	Diorite	63.8	209.3	64.1	210.3	0.3	1.0	2208	0.06	Deformation Zone: 118.3 to 131.2 = 12.9m (388.0 to 430.4 = 42.4') Fault: 125.6 to 125.8 = 0.2m (412.0 to 412.6 = 0.6')
								104.0	341.1	105.0	344.3	1.0	3.2	2795	0.08	
								106.9	350.7	108.2	354.9	1.3	4.2	1377	0.04	
								109.0	357.5	109.6	359.6	0.6	2.1	14560	0.42	
								or 104.0	341.1	113.1	370.1	9.1	29.0	1665	0.05	
								or 104.0	341.1	109.6	359.6	5.6	18.5	2427	0.07	
								or 106.9	350.7	109.6	359.6	2.7	8.9	4003	0.12	
								160.5	526.4	161.1	528.3	0.6	1.9	1269	0.04	

Hole 96-41 intersected 3 mineralized lenses. One of the lenses assayed 23,943 ppb Au (0.70 oz/ton) across 1.1 meter (3.3'). The other 2 lenses assayed 3,497 ppb Au (0.10 oz/ton) across 1.2 meter (3.9'), and 3,006 ppb Au (0.09 oz/ton) across 0.7 meter (2.5').

Hole 96-42 intersected 6 mineralized lenses. The two best returned values of 12,354 ppb Au (0.36 oz/ton) across 0.8 meter (2.8'), and 10,303 ppb Au (0.30 oz/ton) across 1.5 meter (4.9'). The 4 other lenses returned values of 1,906 ppb Au (0.06 oz/ton) across 1.7 meter (5.5'), 1,716 ppb Au (0.05 oz/ton) across 0.3 meter (1.1'), 1,108 ppb Au (0.03 oz/ton) across 2.3 meters (7.5'), and 1,046 ppb Au (0.03 oz/ton) across 0.2 meter (0.8').

Hole 96-43 intersected 5 mineralized lenses, the best of which returned 14,560 ppb Au (0.42 oz/ton) across 0.6 meter (2.1'). The 4 other lenses returned values of 2,795 ppb Au (0.08 oz/ton) across 1.0 meter (3.2'), 2,208 ppb Au (0.06 oz/ton) across 0.3 meter (1.0'), 1,377 ppb Au (0.04 oz/ton) across 1.3 meter (4.2') and 1,269 ppb Au (0.04 oz/ton) across 0.6 meter (1.9').

Hole 96-35 intersected 2 mineralized lenses, the better of which returned 3,292 ppb Au (0.10 oz/ton) across 0.1 meter (0.3'). The other lens assayed 1,572 ppb Au (0.05 oz/ton) across 1.6 meter (5.2').

Hole 96-36 returned only low gold values of 686 ppb Au (0.02 oz per ton) across 0.4 meter (1.4').

Green carbonates were intersected in holes 96-34, -35, -36 & -42. Carbonate alteration was encountered in holes 96-41, and -43.

Deformation zones were intersected in 7 of the 8 holes drilled in the South Gold Zone. Only hole 96-35 failed to intersect a deformation zone. Hole 96-43 intersected a fault as well as a deformation zone.

DIAMOND DRILLING: PHASE IV

Six holes, totalling 648 meters (2,125.4') were drilled in Phase IV. All 6 holes were drilled into the South Gold Zone, and all were drilled in January, 1997. The holes are numbered 97-44 to 97-49, inclusive. Core logs of these holes are given in Appendix III. Assay Certificates for core samples are given in Appendix IV.

Table III is a summary of pertinent information and results, including assays, for the Phase IV drill holes.

Figure III, the Diamond Drill Hole Plan, shows the locations

TABLE III

TRANSPACIFIC RESOURCES INC.
McGARRY PROJECT

SUMMARY
PHASE IV DRILLING RESULTS
SOUTH GOLD ZONE

HOLE No 97-	CO-ORDINATES		AZIMUTH degrees	DIP degrees	LENGTH		MAJOR ROCK UNITS	SIGNIFICANT MINERALIZATION								REMARKS
	NORTHING	EASTING			meters	feet		INTERVAL				INTERCEPT		Au		
								from meters	to feet	from meters	to feet	meters	feet	ppb	oz/ton	
44	1341.7	1932.3	352	45	106.0	347.7	Diorite	49.5	162.4	49.7	163.0	0.2	0.6	470	0.01	
45	1341.5	1906.5	352	45	101.0	331.3	Diorite	-	-	-	-	-	-	-	-	
46	1328.9	1880.7	352	45	101.0	331.3	Diorite	-	-	-	-	-	-	-	-	Fault from 92.7 m to 101.0+ m = 8.3+ m (304.1' to 331.3+' = 27.2+')
47	1328.4	1856.0	352	45	30.0	98.4	-	-	-	-	-	-	-	-	-	Hole lost in overburden
48	1300.0	1856.0	352	50	103.0	337.8	-	-	-	-	-	-	-	-	-	Hole lost in overburden
49	1475.3	1856.6	172	45	207.0	679.0	Diorite, basalt, andesite	112.8	370.0	114.9	376.9	2.1	6.9	230	0.01	Green carbonate zone from 92.7 m to 114.9 m = 22.2 m (304.1' to 376.9' = 72.8')

of the 6 Phase IV holes. Figures XX to XXIII, inclusive, are 1:500 scale sections of the holes.

Two of the holes, 97-47, and 97-48, were lost in overburden, the latter at a depth of 103 meters (338').

The 4 holes that penetrated bedrock all encountered diorite. Three of these holes, 97-44, -45, and -46, were relatively shallow, drilled to depths of around 100 meters (330'). Hole 97-49 was deeper. It went to a depth of 207 meters (679'). As well as diorite, 97-49 encountered basalt and andesite.

Two of the Phase IV holes, 97-44 and 97-49, returned low gold values. Hole 97-44 returned a value of 470 ppb Au (0.01 oz per ton) across 0.2 meter (0.6'). Hole 97-49 returned a value of 230 ppb Au (0.01 oz/ton) across 2.1 meters (6.9').

SUMMARY

Two programs of diamond drilling, termed Phases III and IV, were completed on Transpacific's McGarry Twp. Property. Phase III consisted of 18 holes totalling 2,475.5 meters (8,119.6'). Phase IV consisted of 6 holes totalling 648 meters (2,125.4').

Ten of the Phase III holes were drilled into the Instant Creek Gold Zone. The remaining 8 Phase III holes, and all 6 of the Phase IV holes were drilled into the South Gold Zone.

All but 3 of the holes in the Instant Creek Gold Zone intersected gold mineralization. As many as 5 mineralized lenses were encountered. The best assays were returned from holes 96-37 and 96-38. Visible gold was noted in both holes. 96-37 assayed 119,212 ppb Au (3.48 oz/ton) across 0.2 meter (0.8'). 96-38 assayed 79,475 ppb Au (2.32 oz/ton) across 0.1 meter (0.2 feet).

All 8 of the Phase III drill holes in the South Gold Zone intersected gold mineralization. The best values were obtained from hole 96-34, where assays of 482,884 ppb (14.08 oz/ton) across 0.5 meter (1.4'), and 62,743 ppb Au (3.19 oz/ton) across 0.3 meter (1.0'), were returned. Visible gold was noted in both intersections. As many as 8 mineralized lenses were encountered in the South Gold Zone.

Of the 6 Phase IV holes drilled into the South Gold Zone, 2 were lost in overburden. Two of the 4 bedrock holes returned low gold values of 470 and 230 ppb Au (0.01 oz/ton).

CONCLUSIONS

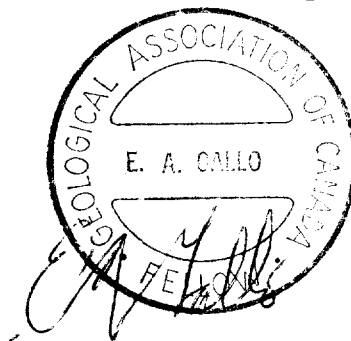
Several lenses of gold mineralization in 2 parallel zones have been identified by the Phase III and Phase IV drilling programs of Transpacific Resources Inc. on their McGarry Twp. property. The 2 parallel zones, termed the Instant Creek Gold Zone and the South Gold Zone, have each yielded potentially-economic values in gold. In some holes, the amount of gold present is great enough to be seen by the naked eye. In addition to the gold mineralization, green carbonate zones, carbonate alteration, deformation zones, and faults have been identified, all of which are indicative of favourable geologic environments for the deposition of gold.

Further work in the form of additional diamond drilling is warranted, to further investigate the strike and dip extensions of the 2 gold-bearing zones.

RECOMMENDATIONS

Further drilling is recommended, primarily to explore the down-dip projection of the 2 mineralized zones. Some drilling should also be undertaken to explore the strike extensions of the mineralized zones in both directions, especially at their western ends, where a cross fault appears to have off set them.

Approximately 18 holes, for an aggregate 3,600 meters (11,800') is recommended. Cost is estimated to be approximately \$300,000.



Toronto, Ontario
July 2, 1997

E. A. Gallo, B.Sc., F.G.A.C.
Gallo Exploration Services Inc.

APPENDIX I

CORE LOGS

PHASE III DIAMOND DRILL HOLES

HOLES 96-25, -26, and -28 to -43, inclusive

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-25 Property: McGarry Township

Core Size: NQ Casing: Left

Coordinates: 15+01N, 21+57E

Depth: 82.0 m

Azimuth: 352°

Dip: -45°

Start Date: October 25, 1996

Finish Date: October 27, 1996

Drilled by: Kosy Diamond Drilling

Logged By Douglas Robinson

All Measurements in Meters

Meterage

From To

Description

0.0 2.0 OVERBURDEN

2.00 49.00 BASALT, Pillowed

Aphanitic, dark green with medium grey sections.

Pillowed with prominent pillow selvages throughout.

1x10 mm pale green stretched vesicles perpendicular to pillow selvages immediately adjacent to pillow rims.

Moderately to strongly magnetic as noted below.

Mineralization:

2.00-21.50 < 0.1% 1-4 mm euhedral cubic pyrite (py) crystals common with pyrite concentrated within outer 2-10 mm of pillow selvages. Anhedra (Py) and pyrrhotite (Po) to 2% of pillow selvages.

Epidote calcite alteration patches at 2.80, 4.60, 5.30, 5.90,

Douglas Robinson
Feb 15, 1997

- 7.80, 8.30 with chalcopyrite (cpy), 10.95 w/ cpy, 11.40 w/ cpy, 13.25 w/ cpy, and 14.70.
- 15.05 Minor chalcopyrite in pillow selvage.
- 15.00-33.50 Minor calcite fracture filling to 2 mm.
- 17.30 Cpy in pillow selvage.
- 18.90 Py, Po and hematite in pillow selvage.
- 19.50 2X1.0 cm cpy in pillow selvage.
- 27.90 Cpy, Py in calcite in pillow selvage.
- 28.50 Cpy in epidote alteration.
- 29.80 Cpy in 0.5 mm bleached patch.
- 30.35 Minor Py and cpy in calcite epidote patches.
- 31.05 Cpy, Po and epidote in pillow selvage.
- 33.50-35.40 Set of twenty three 1-3 mm fine grained white calcite fracture fillings at 45° to CA.
- 39.30-40.15 numerous vesicles to 1.5 cm with up to 5-10% Cpy.
- 34.20 1 cm quartz calcite gash fracture.
- 35.40-41.00 Minor set of calcite fracture fillings at 45° to CA.
- 40.50-42.65 Minor Cpy to 2X5 mm in calcite fracture filling.
- 41.00-43.15 Set of strong calcite fracture fillings at 45° to CA.
Strong calcite wall rock alteration.
- 41.70 3 cm calcite vein with slip wall at 70° to CA.
Vein sub-parallel fracturing.
- 43.15-49.19 nineteen calcite fracture fillings generally 0.5-2 mm
(Maximum 1 cm)

Alteration:

2.0-5.3 Prominent strong epidote alteration concentrated in pillow rims healed fractures.

5.3-20.0 locally epidote alteration patches to 5 cm.
 20.0-31.0 Trace epidote alteration in calcite filled fractures.
 28.5-36.0 Weakly bleached to medium green-grey.
 Calcite alteration as noted below:
 39.0-41.05 Weak patchy calcite alteration.
 41.05-42.8 Strong pervasive calcite alteration bleached pale grey.
 42.80-43.27 Weak patchy calcite alteration.
 43.27-43.60 Moderate pervasive calcite alteration
 43.60-44.70 Patchy calcite alteration.
 44.70-46.20 Strong pervasive calcite alteration.
 46.20 47.55 Patchy calcite alteration.
 47.55-49.00 Strong pervasive calcite alteration.

Magnetism:

2.00-12.00 Strongly magnetic with non-magnetic pillow rims.
 12.00-14.50 Non-magnetic to weakly magnetic.
 14.50-14.80 Strongly magnetic.
 14.80-23.00 Non-magnetic to weakly magnetic.
 23.00-28.60 Strongly magnetic.
 28.60-31.50 Non-magnetic to weakly magnetic.
 31.50-41.20 Moderately to Strongly magnetic.
 41.20-42.60 Nonmagnetic.
 42.60-49.00 Strongly magnetic.

			Au PPB	Cu PPM
88353	4.07-4.90	0.83	134	86
88354	8.00-8.47	0.47 Py in epidote alteration.	26	54

				Au PPB	Cu PPM
88355	10.88-11.48	0.60	Cpy, Py in epidote alteration.	Av.651½	932
88356	12.94-13.42	0.48	Cpy to 1 cm in chloritic pillow selvage with epidote	243	804
88357	27.45-28.65	1.20	Prominent Cpy in calcite-epidote alt'n.	125	464
88358	28.65-29.50	0.85	Minor hematite in slip.	5	34
88359	29.50-30.40	0.90	Calcite-epidote veining.	9	26
88360	30.40-31.22	0.82	Py & trace Cpy in calcite alteration. Hematite on slip.	Av.617½	136
88372	37.00-38.00	1.00	Minor Cpy in pillow selvage.	17	228
88373	38.00-39.15	1.15	Minor Cpy in vesicles	3	62
88361	39.15-40.13	0.98	Cpy in vesicles.	300	626
88362	40.13-41.09	0.96	Cpy in fractures and vesicles.	9	130
88363	41.09-41.40	0.31	Cpy & Py on fractures.	10	260
88364	41.40-41.97	0.57	Calcite vein. Py & Cpy in fractures. Bleached.	36	442
88365	41.97-42.89	0.92	Cpy in fractures.	45	530
88366	42.89-43.68	0.79	Trace disseminated Py.	nil	12

49.00 76.00 FELDSPAR PORPHYRY

Uniform and massive. 2% 2-4 mm white feldspar phenocrysts and 30% 0.5-1.0 mm white feldspar phenocrysts in a dark green matrix. 2% mafic xenoliths to 2 cm.

Upper contact at 10° CA at block.

Lower contact not preserved at block.

Patchy hematization as weak to moderate reddish coloration of smaller phenocrysts and matrix.

50.76-60.00 very weakly magnetic.

NB 49.28-50.76 Intense pale grey to yellow grey carbonate alteration centred on 3 cm Fe-carbonate vein at 50.14 m. Strongly sericitic. Carbonate alteration extends beyond sericite alteration.

NB 50.14 3 cm Fe-carbonate vein at 45° to CA. Loose slip walls.
 54.22 10 cm yellow sericitic alteration band at 50° to CA.
 54.61 3 mm. Calcite in slip at 40° CA.
 57.70-59.15 1 mm epidote slip at 0° to CA. 2-3 mm pale yellow wall rock (epidote?) alteration. 0-0.5 mm Cpy in slip.
 60.00-68.50 Weak pervasive hematization. Bleached pale pink.
 64.35 1.5-2.0 cm white calcite vein with frozen walls. No alteration.
 65.93 2.5 cm pale green (epidote?) band at 60 ° to CA.
 67.15 3.5 cm pale green (epidote?) band.
 68.90 6 cm epidote alteration band at 60° to CA. Incomplete alteration. Porphyritic texture preserved.
 69.10-70.00 Intense pale grey alteration with weak sericitization.
 69.62 Calcite-quartz-red feldspar fracture filling over 3 cm at 60° to CA.
 70.55-70.70 Calcite alteration, pale grey.
 70.90-72.00 Moderate calcite alteration. Weak sericitization. Pale grey to yellow grey.
 73.30-76.00 Numerous pale green healed epidote fractures at 35-40° to CA.. Minor calcite in larger fracture fillings.

				Au PPB	Cu PPM
88367	49.20-50.00	0.80	Fe-carbonate alteration, yellow sheen on slips. Cpy in strong chlorite-sericite slips at 80° CA.		
88368	50.00-50.30	0.30	Fe-carbonate alteration.	22 nil	166 92

88369	50.30-50.81	0.51	Fe-carbonate alteration.		
			Cpy on strong chlorite-sericite slips at 80° CA.	Au PPB	Cu PPM
88370	57.63-58.50	0.87	Fe-carbonate alteration with cpy on slips.	41	352
88371	58.50-59.30	0.80	0-0.5 mm Cpy in slip at 0° to CA.	Av.2286	1160
				994	1480

76.00 82.00 BASALT

76.00-78.80 Medium green uniform and massive.

<0.5 mm crystalline with 2% 1 mm black mafic phenocryst.

Non-magnetic and hard.

78.00-82.00 Medium green and massive.

Aphanitic at 78.00 grading to very fine grained below 80.50 m.

ALTERATION AND MINERALIZATION

Silicified and hematized at upper contact and decreasing down the hole.

Trace epidote calcite fracture filling.

82.00 END OF HOLE

Assay Summary 96-25

Sample No.	From	To	Length	Au PPB	Cu PPM
88353	4.07-4.90		0.83	134	86
88354	8.00-8.47		0.47	26	54
88355	10.88-11.48		0.60	Av.651½	932
88356	12.94-13.42		0.48	243	804
88357	27.45-28.65		1.20	125	464
88358	28.65-29.50		0.85	5	34
88359	29.50-30.40		0.90	9	26
88360	30.40-31.22		0.82	Av.617½	136
88372	37.00-38.00		1.00	17	228
88373	38.00-39.15		1.15	3	62
88361	39.15-40.13		0.98	300	626
88362	40.13-41.09		0.96	9	130
88363	41.09-41.40		0.31	10	260
88364	41.40-41.97		0.57	36	442
88365	41.97-42.89		0.92	45	530
88366	42.89-43.68		0.79	nil	12
88367	49.20-50.00		0.80	22	166
88368	50.00-50.30		0.30	nil	92
88369	50.30-50.81		0.51	41	352
88370	57.63-58.50		0.87	Av.2286	1160
88371	58.50-59.30		0.80	994	1480

82.0 End of Hole

Hole Number 96-25

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-26 Property: McGarry Township

Core Size: NQ Casing: Pulled

Coordinates: 15+03N, 21+83E

Depth: 100.0 m

Azimuth: 352°

Dip: -45°

Start Date: October 27, 1996

Finish Date: October 29, 1996

All Measurements in Meters

Logged By Douglas Robinson

Drilled By Kosy Diamond Drilling

Meterage

From	To	Description
0.00	3.00	OVERBURDEN

3.00	10.95	FELDSPAR PORPHYRY.
------	-------	--------------------

Uniform and massive.

2% 2-4 mm white equant feldspar phenocrysts and

20% 0.2X1 mm white bladed feldspar phenocrysts and

Rare mafic xenoliths to 1 cm in an aphanitic dark green groundmass.

Very hard, weakly magnetic.

10.68-10.95 Sharp natural lower contact along core axis.

Phenocrysts are smaller within 2 cm of contact.

ALTERATION AND MINERALIZATION

Very little alteration or fracturing.

Douglas Robinson
Feb 15, 1997

10.95 38.71 BASALT, PILLOWED.

Medium green and aphanitic-very fine grained with prominent pillow selvages throughout.

moderately hard, locally hard below 28.00 m.

28.53-40.82 Three boxes of core spilled and jumbled.

The core was reconstructed as described below.

The core was logged as it sits in boxes after reconstruction. The spilled core was placed below on the basis of rock texture and character of alteration.

34.85 No match.

34.85-34.90 Core matches.

34.90 No match.

34.90-37.33 Core matches.

37.33 No match.

37.33-41.00 Core matches.

Mineralization

Sulphides restricted to chloritic pillow selvages.

3626	15.43-16.00	0.57	20	15.53-15.75	1% Cpy in 1-3 cm chloritic pillow selvage along core axis. Average of two.
3627	16.00-17.50	1.50	7		Barren.
3628	17.50-18.53	1.03	115		Patches of Cpy to 0.8 cm in two chloritic pillow selvages.
3629	18.53-20.00	1.47	725	19.02-19.04	1% Cpy in calcite-chloritic pillow selvages.
3630	20.00-20.53	0.53	1089	20.33-20.37	2% Cpy in calcite-epidote-chloritic pillow selvage. Average of two.

			Au_PPb	
3631	20.53-21.48	0.95	12	Barren. 20.37-28.70 Generally massive with a few narrow pillow selvages.
3632	27.36-28.34	0.98	nil	Barren.
3633	28.34-28.65	0.31	10	Barren.
3634	28.65-28.90	0.25	6240	28.68-28.78 3% Cpy in dark green calcite chloritic pillow selvage. Average of four.
3635	28.90-30.10	1.20	1200	29.92-30.02 2% Cpy in calcite-epidote-chloritic pillow selvage.
3636	30.10-31.00	0.90	86	30.02-33.20 Scattered vesicles to 1 cm with Cpy (rock is <0.1% Cpy overall).
3637	31.00-32.50	1.50	nil	Barren.
3638	32.50-33.25	0.75	17	32.68 Cpy in chloritic pillow selvage.
3639	37.33-38.08	0.75	3	37.87 Trace Cpy in thin pillow selvage. 38.00-38.71 Dark green, weakly chloritic.

38.71 40.30 ALTERATION ZONE.
Intense, non-magnetic chlorite-carbonate alteration centred on vein at 38.87 m.

ALTERATION AND MINERALIZATION.

3640	38.08-38.77	0.69	nil	Barren. 38.71-39.09 Dark green, soft and strongly chloritic with minor wispy carbonate stringers.
3641	38.77-39.09	0.32	497	38.87 (75° to CA). 2 cm quartz calcite vein stained pale mauve by potassium ferri cyanide (KFC). 38.87-38.95 5% Cpy below vein. 2200 PPM Cu (Assayed).

			Au PPB	
3642	39.09-40.12	1.03	19	Calcite chlorite alteration. 39.17 minor Cpy. 39.09-39.48 Medium grey, moderately soft calcite-chlorite alteration. 39.48-40.20 Very hard (silicified?)
3643	40.12-40.30	0.18	281	40.20-40.30 Grey chert at 50° to CA with 3% irregular dark green chloritic fracture fillings and 1% Cpy. Average of two. 1150 PPM Cu (Assayed).

40.30 51.40 BASALT, FINE GRAINED and MASSIVE.
Dark green, uniform and massive, moderately hard and magnetic.
Rare pillow selvages.

ALTERATION AND MINERALIZATION

Very little fracturing.

Locally trace disseminated py cubes.

3644	40.30-41.41	1.11	21	Trace Cpy.
3645	44.23-45.58	1.35	105	44.29 (70° to CA) 3 mm calcite stringer with trace fine grained Py. 44.31 Trace Cpy in 3 mm pale patch. 44.49 Trace Cpy in chloritic fracture. 44.63 4 mm Cpy in chloritic patch. 44.76 1% Cpy in 1 cm pillow selvage. 45.26 (30° to CA) 3 mm quartz fracture filling with 25% Cpy and 15% pyrrhotite.
3646	45.58-46.58	1.00	27	Healed chloritic fracturing. 46.07, 46.27, 46.34 and 46.43 chloritic patches to 1.0 cm with 10% Cpy plus Py.

51.40 76.00 BASALT, PILLOWED.
 Medium green, aphanitic to very fine grained, moderately hard and magnetic.
 Prominent pillow selvages throughout.

ALTERATION AND MINERALIZATION.

Patchy calcite alteration.
 Minor epidote in healed fractures.
 Cpy in chloritic patches, pillow selvages and fractures as noted below.

3647	51.60-53.00	1.40	48	51.70 1% Cpy in 1 cm pillow selvage. 52.73 3% Cpy in 2 cm chloritic pillow selvage.
3648	53.00-53.97	0.97	79	Minor healed chloritic fracturing. 53.50-53.68 3% Cpy in 3 cm chloritic pillow selvage. Py cubes in pillow beside selvage.
3649	53.97-54.84	0.87	10	
3651	54.84-55.16	0.32	674	Average of two. 55.00-55.10 6% Py and 3% Cpy in calcite-chlorite-chloritic pillow selvage.
3652	55.16-55.66	0.50	62	55.63 5 mm patch of Cpy.
3653	55.66-56.00	0.34	514	55.77-56.00 Non-magnetic bleached calcite alteration centred on calcite vein. 55.90 2.5 cm fine grained banded calcite vein at 40° to CA. Trace Cpy and minor Py in wall rock within 1.5 cm of vein.
3654	56.00-56.94	0.94	2	Barren.
3655	56.94-58.29	1.35	58	57.01-57.08 hairline quartz cpy fracture filling at

			Au	PPB	
					68.65-69.00 Trace Cpy in 1 cm pillow selvage parallel CA.
	3667	69.50-70.50	1.00	158	69.75-70.03 Trace Cpy in chloritic patches to 1 cm.
	3668	70.50-71.00	0.50	1034	Average of two.
					70.60-71.00 Fine grained Py and Cpy in pillow selvages to 4 cm. Py crystals to 4 mm in pillow within 2 cm of selvages.
	444	71.00-71.77	0.77	24	
	445	71.77-73.20	1.43	115	Average of two.
		73.22-80.33	-	-	Set of 0.2-3.0 mm calcite fracture fillings at 50°, 90° and 140° to CA. Stained mauve by KFC.
NB	3669	74.46-75.24	0.78	19	74.62-77.10 Non-magnetic, moderately soft, dark green chloritic calcite alteration. Weak calcite alteration extends above and below.
NB	3670	75.24-75.84	0.60	470	77.49-77.54 (50° to CA) Opaque white dolomite vein stained mauve by KFC.
NB					75.69-75.76 (50° to CA) 6 cm opaque, buff Fe-carbonate vein stained blue by KFC. Minor quartz in centre of vein. Dolomite at edges of vein stained mauve by KFC. Minor Py along edges of vein.
76.00	91.47	BASALT, MASSIVE FINE GRAINED.			
		Medium grey, fine grained, uniform and massive, magnetic and moderately hard.			
		ALTERATION AND MINERALIZATION			
		Weak Fe-carbonate alteration stained blue by KFC.			
	3671	75.84-77.00	1.16	1298	Chlorite calcite alteration. Trace pyrrhotite

			Au	PPB	
3672	77.00-78.43	1.43		58	
3673	78.43-78.85	0.42	2057		Average of two. 78.41-78.71 Non-magnetic chlorite, calcite alteration with black silicate needles. 78.48-78.49 1 cm grey calcite vein at 70° to CA. 78.48-78.73 1% Cpy beside calcite veining. Stained blue by KFC. 78.71-78.73 (70° to CA) 2 cm banded calcite-chlorite vein as grey fine grained grey calcite and dark green soft chlorite.
3674	78.85-80.27	1.42	286		Trace Cpy in calcite alteration.
	82.69	-	-		(85° to CA) 1 cm fine grained banded grey calcite vein with 10% thin dark green chloritic bands. Stained mauve by KFC.
	83.00	-	-		(82° to CA) 1.5 cm fine grained grey calcite vein stained mauve by KFC.
	83.38-83.70	-	-		Trace Cpy in chloritic patches.
3675	84.74-85.81	1.07	144		84.93 1X3 cm calcite-chlorite patch with 50% Cpy. 85.66-85.71 Trace Cpy in chloritic patches to 1 cm.
	84.90-91.47	-	-		0.1% fine grained disseminated pyrite to 0.3 mm.

91.47 94.05 FELDSPAR PORPHYRY.
 Typical 2% 2-4 mm white feldspar phenocrysts
 20% 0.2x1 cm white to pale pink feldspar phenocrysts in a dark green groundmass.

Uniform and massive and very hard.
Sharp natural irregular upper contact at 25° to CA.
Sharp natural irregular lower contact at 25° to CA.

ALTERATION AND MINERALIZATION

Weak hematization along healed hairline fractures.

94.05 100.00 BASALT, MASSIVE FINE GRAINED.

Light green fine grained uniform and massive.
Moderately soft.

ALTERATION AND MINERALIZATION

1% 0.5-1 mm dark green chloritic specks.
Weak carbonate alteration stained blue by KFC.

96.59-97.67	-	-	Non-magnetic
96.94	-	-	3 cm fine grained white calcite vein stained mauve by KFC. 15 cm of calcite alteration stained mauve by KFC is centred on vein.
97.22	-	-	1.5 cm fine grained white calcite vein at 40° to CA.

100.00 END OF HOLE.

Assay Summary 96-26

Sample No.	From	To	Length	Au PPB	Cu PPM
3626	15.43-16.00		0.57	20 (Av.)	
3627	16.00-17.50		1.50	7	
3628	17.50-18.53		1.03	115	
3629	18.53-20.00		1.47	725	
3630	20.00-20.53		0.53	1089 (Av.)	
3631	20.53-21.48		0.95	12	
3632	27.36-28.34		0.98	nil	
3633	28.34-28.65		0.31	10	
3634	28.65-28.90		0.25	6240 (Av.)	
3635	28.90-30.10		1.20	1200	
3636	30.10-31.00		0.90	86	
3637	31.00-32.50		1.50	nil	
3638	32.50-33.25		0.75	17	
3639	37.33-38.08		0.75	3	
3640	38.08-38.77		0.69	nil	
3641	38.77-39.09		0.32	497	2200
3642	39.09-40.12		1.03	19	
3643	40.12-40.30		0.18	281 (Av.)	1150
3644	40.30-41.41		1.11	21	
3645	44.23-45.58		1.35	105	
3646	45.58-46.58		1.00	27	
3647	51.60-53.00		1.40	48	
3648	53.00-53.97		0.97	79	
3649	53.97-54.84		0.87	10	
3651	54.84-55.16		0.32	674 (Av.)	
3652	55.16-55.66		0.50	62	

Hole Number 96-26

Assay Summary (cont'd.) 96-26

Sample No.	From	To	Length	Au PPB	Cu PPM
3653	55.66	56.00	0.34	514	
3654	56.00	56.94	0.94	2	
3655	56.94	58.29	1.35	58	
3656	58.29	59.00	0.71	513	
3657	59.00	59.93	0.93	14	
3658	59.93	60.93	1.00	3754 (Av.)	
3659	60.93	62.00	1.07	81	
3660	62.00	63.10	1.10	22	
3661	63.10	63.88	0.78	902 (Av.)	4350
3662	63.88	65.00	1.12	nil	
3663	65.00	66.22	1.22	216	
3664	66.22	67.35	1.13	108	
3665	67.35	68.42	1.07	5	
3666	68.42	69.50	1.08	29	
3667	69.50	70.50	1.00	158	
3668	70.50	71.00	0.50	1034 (Av.)	
444	71.00	71.77	0.77	24	
445	71.77	73.20	1.43	115 (Av.)	
3669	74.46	75.24	0.78	19	
3670	75.24	75.84	0.60	470	
3671	75.84	77.00	1.16	1298	
3672	77.00	78.43	1.43	58	
3673	78.43	78.85	0.42	2057 (Av.)	
3674	78.85	80.27	1.42	286	
3675	84.74	85.81	1.07	144	

100.00

END OF HOLE

Hole Number 96-26

TRANSPACIF RESOURCES INC.

Diamond Drill Core Log

Hole 96-28 Property: McGarry Township
Core Size: NQ&BQ Casing: Pulled
Coordinates: 14+85N, 22+60E
Depth: 149.92 m
Azimuth: 352°
Dip: -45°
Start Date: November 1, 1996
Finish Date: November 3, 1996
All Measurements in Meters
Reduced from NQ to BQ at 19.50 m.
Drilled by Kosy Diamond Drilling
Logged By Douglas Robinson

Meterage

From	To	Description
0.00	11.50	OVERBURDEN
11.50	17.50	MASSIVE FINE GRAINED BASALT Medium green massive basalt. Crack and healed texture as chloritic fracture filling. Badly broken ground with open slips at 10° to CA. Much cave and over grinding of core. 5 mm of epidote along lower contact at 30° to CA.
17.50	25.00	FELDSPAR PORPHYRY 2% 2-4 mm white feldspar phenocrysts and 20% 0.3-1.5 mm white feldspar phenocrysts in a dark green groundmass. Minor mafic xenoliths to 1.0 cm Very hard, uniform and massive.

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Douglas Robinson
April 9, 1997

Minor pinkish hematization and bleaching related to thin healed fractures.

Lower contact, frozen, sharp and natural at 55° to CA. Phenocrysts are smaller within 1.0 cm of contact.

25.00 70.00 BRECCIATED BASALT

25.00-36.00 Generally flow brecciated.

Very fine grained to medium grained fragments in medium grained matrix.

Locally pale green to dark green silicate fracture filling.

Moderately hard. Non-magnetic.

36.00-43.00 Generally fine-medium grained, medium green massive basalt.

Prominent chloritic fracture filling and minor thin pale yellow fracture filling.

Moderately hard. Non-magnetic.

43.00-47.75 Prominent flow breccia with angular to weakly rounded very fine grained dark green fragments to 2.0 cm in medium green matrix. 15% of matrix is 1-3 mm pale grey fragments.

Weakly to moderately magnetic.

47.75-70.00 Mixed very fine grained basalt as described 25.00-36.00.

ALTERATION AND MINERALIZATION.

PPB Au

3676 31.80-32.20 0.40 Nil Quartz-calcite veining & carbonate alteration.

Hole Number 96-28.

				32.05 2.0 cm banded quartz carbonate vein at 55° to CA.
3677	32.86-33.44	0.58	Au PPB 697	Average of two.
				33.10-33.16 6.0 cm quartz carbonate vein with dolomite sections stained mauve by potassium ferri cyanide (KFC).
				32.78-33.83 Weakly bleached calcite alteration. Moderately soft to moderately hard. Stained blue by KFC. Minor Py in grey carbonate filled fractures. (Weakly sericitic?).
	35.68	-	-	4.0 cm coarse grained calcite epidote vein with weak epidote alteration near vein.
	38.80-39.00	-	-	Chloritic fracture filling.
3678	39.96-41.44	1.48	24	Calcite alteration. Fine grained, pale green-grey and moderately soft alteration stained mauve by KFC. Numerous hairline calcite fracture fillings at 65 and 115° to CA. (Possibly weakly sericitic)
3679	41.44-41.83	0.39	39	41.60 1.5 cm. quartz-calcite-pyrite vein. Fine grained grey with 10% very fine grained Py.
				41.60 0.6 cm quartz-calcite-pyrite vein at 55° to CA similar to 41.60.
				41.73 1.5 cm. fine grained white calcite vein stained mauve by KFC.
3680	41.83-42.38	0.55	2	Calcite alteration.
3681	42.38-43.29	0.91	12	
3682	43.29-43.84	0.55	3	43.26-43.90 Bleached, pale green, soft calcite

Hole Number 96-28.

					alteration (possibly weakly sericitic) with prominent healed fracturing having bleached walls. Stained mauve to blue by KFC.
				43.49	3.5 cm fine grained clean white calcite vein at 80° to CA stained pale mauve by KFC.
				43.80	1.5 cm fine grained white calcite vein at 80° to CA with fine grained Py in wall rock and vein.
			Au PPB		
3683	43.84-44.70	0.86	19	44.01	Trace Cpy.
				44.11-44.20	Trace Cpy in pale grey altered fractures.
3684	45.51-45.76	0.25	3	45.61	1.5 cm fine grained, grey calcite-pyrite vein with 5% fine to medium grained Py in vein and Py in wallrock to 1.0 cm from vein. Vein 72° to CA.
	47.26	-	-		Trace Cpy.
3685	50.73-51.55	0.82	12	50.73-51.52	Calcite alteration.
				51.38	2.5 cm fine grained white calcite vein with several wispy chlorite bands and 1% medium grained Py. Vein at 80° to CA. Stained purple by KFC.
	57.76	-	-		5.0 cm quartz-calcite-sericite vein with minor sericite fracture filling beside vein. Vein at 35° to CA.
	58.46-58.58	-	-		5.0 cm aphanitic pale green dike with banding along fractures parallel dike walls.

			Au	PPB	
3686	58.70-59.00	0.30	17		Minor Cpy in chloritic groundmass of primary volcanic breccia.
3687	63.73-64.61	0.88	214		Average of Two. 63.31-64.79 Bleached calcite alteration very weakly stained pale mauve by KFC.alteration centred on vein at 64.23 m. Alteration is soft near vein at hard at outside edges.
					64.23 5.0 cm fine grained grey-white calcite vein with 1% fine disseminated Py. Vein at 85° to CA.
3688	64.61-65.61	1.00	141	64.92-69.00	Scattered Cpy throughout in 0.5 cm pale grey patches to 0.5 cm in chloritic alteration in matrix of primary breccia (20-50% Cpy in patches).
					65.05 1.0 cm patch Cpy in 3.0 cm patch of calcite.
3689	65.61-66.80	1.19	7		Trace Cpy.
3690	68.80-68.08	1.28	21	66.82-69.05	2% fine grained Py masses and 1% 2-4 mm Py cubic crystals
3691	68.08-69.12	1.04	7		Trace Cpy.
3692	69.12-69.98	0.86	2		Barren.

70.00 141.92 MASSIVE FINE GRAINED BASALT

Dark green, uniform and massive, fine grained basalt with little to no secondary fracturing. Very weakly to moderately magnetic to 90.00 m.

90.00-103.93 Moderately magnetic.

103.93-105.14 Nonmagnetic.

70.00-100.00 Moderately soft and chloritic.
 Minor healed chloritic fractures.

100.00-149.72 Dark green, moderately hard and fine grained.

105.14-106.69 Moderately magnetic.

106.69-107.25 Non-magnetic.

107.25-108.38 Moderately magnetic.

108.38-110.70 Non-magnetic to very weakly magnetic.

110.70-116.36 Moderately magnetic.

116.36-118.08 Non-magnetic.

118.09-131.00 Moderately magnetic.

131.00-134.57 Non-magnetic deformation zone.

134.57-144.59 Moderately magnetic.

144.59-145.22 Non-magnetic.

145.22-149.72 Weakly to moderately magnetic.

ALTERATION AND MINERALIZATION.

NB	3693	75.32-76.63	1.31	7	75.33-76.66 Intense Fe-carbonate alteration centred at 76.00 m. Soft fine grained and massive alteration stained pale mauve to pale blue by KFC. Medium grey-green at 75.33 grading to pale yellow from 75.86-76.05. Grades from pale yellow at 76.06 to medium grey at 76.66. Numerous 2-3 mm carbonate stringers at 90° to CA grading from calcite stained mauve by KFC (at edges of alteration) to dolomite stained pale blue in centre of alteration zone. Sericitic foliation at 78° to CA. 75.99-76.05 very intense alteration (or vein?) of amorphous, massive, very soft carbonate.
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Hole Number 96-28.

				75.82 1.5 cm opaque white carbonate vein at 60° to CA. Stained blue by KFC.
				76.05 0.8 cm opaque white carbonate vein at 75° to CA. Stained blue by KFC.
	77.00-83.00	-	Au PPB -	Numerous 2-5 mm disseminated Py grains, many having crude cubic outlines (Pyrrhotite? after Py).
3694	76.63-77.65	1.02	15	Disseminated Py.
3695	77.65-78.48	0.83	58	Trace Cpy. Average of two.
3696	78.48-79.61	1.13	7	Trace Cpy.
3697	79.61-80.00	0.39	10	Py as described above.
3698	80.00-81.63	1.63	nil	Py as described above.
	81.44	-	-	One speck Cpy.
3699	109.00-110.71	1.71	2	108.38-110.71 Dark green, soft chlorite-carbonate alteration centred on a set of calcite stringers between 109.85 and 110.48 at 80° to CA (weak zone). Larger stringers listed below. Alteration stained blue by KFC. Stringers not stained by KFC.
				108.38 2.5 cm fine grained white calcite stringer at 80° to CA.
				109.20 Irregular 1.0 cm fine grained calcite stringer at 55° to CA.
	112.64-112.76	-	-	50% calcite vein and 50% breccia very weakly stained pale mauve by KFC. From 112.56-112.90 non-magnetic.
	115.30-117.10	-	-	Minor 2 mm disseminated Py cubes.
	115.65	-	-	0.5X2.0 cm Pyrrhotite patch.
	116.36-118.08	-	-	Medium green aphanitic flow breccia with dark green fragments to 2.0 cm. Non-magnetic chloritic

Hole Number 96-28.

				Au PPB	
					fracture filling (flow top?).
	3700	119.00-120.00	1.00	19	119.05-121.95 1% masses of fine grained Py to 0.5 cm in dark green chloritic fracture filling
	3701	120.00-121.00	1.00	3	See above.
	3702	121.00-122.00	1.00	2	121.00-123.00 Chloritic alteration. 1% 11-2 mm dark green chlorite specks.
		124.00-128.40	-	-	5% irregular, dark green chlorite veining cutting aphanitic section of basalt. (flow top?)
	3703	128.00-128.80	0.80	nil	
	3704	128.80-129.00	0.20	nil	128.90-128.95 1.0X5.0 cm chloritic alteration patch with 5% fine grained Py and 5% wispy Cpy. Average of two.
	3705	129.00-130.00	1.00	nil	Chloritic.
	3706	130.00-131.00	1.00	nil	Chloritic. 130.52-131.10 calcite alteration.
NB	3707	131.00-132.00	1.00	nil	131.00-134.57 DEFORMATION ZONE 131.00-131.47 Dark green, uniform and massive moderately soft chloritic alteration 2% 1 mm chloritic specks. No linear texture. Not stained by KFC. 131.47-132.31 grades from dark green to pale buff (Fe-carbonate sericite alteration). Chloritic specks generally absent. Soft fine grained with 1-2% tiny white (leucoxene) specks. Uniform and massive with no linear fabric. Dark green alteration along a few random

				Au PPB		
						fractures. From 132.31 to 132.20 Stained dark blue by KFC.
NB	3708	132.00-132.85	0.85	nil	132.31-132.94	Similar to 131.47-132.31 with more intense Fe-carbonate sericite alteration. Fine grained, uniform and massive with up to 5% medium grey-green secondary fracture filling ranging from 20° to CA at 132.40 m to 70° to CA at 132.93 m.
NB	3709	132.85-133.21	0.36	43	132.94-132.98	Pale buff Fe-carbonate sericite alteration, foliated at 70-90° to CA.
					133.02-133.07	5.0 cm very fine grained white to dark grey quartz vein with 3% very fine-fine grained Py at 72° to CA.
					132.98-134.12	Sericitic Fe-carbonate alteration. Massive, very fine grained, soft pale buff alteration with swirled appearance From 132.98-133.20 pale buff sericitic bands. Locally very hard, aphanitic buff silicification. From 132.20-134.12 Trace fine grained Py in 2 mm patches and 3 tiny specks of Cpy in grey silicious fracture filling.
NB	3710	133.21-133.80	0.59	5		Sericitic Fe-carbonate alteration.
NB	3711	133.80-134.55	0.75	3		Sericitic Fe-carbonate alteration.
					134.04-134.07	1.0X3.0 cm massive Py brecciated and cemented by Fe-Carbonate.

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				Au PPB	
				134.26	1.5X2.0 cm brecciated massive Py.
3712	134.55-135.30	0.75	55	134.20-135.30	Calcite alteration & calcite fracture fillings. Alteration stained mauve by KFC.
				137.37-137.40	10% Fine grained Py in patch of pale grey alteration.
3713	135.30-135.99	0.69	nil	134.20-138.00	Numerous hairline calcite fracture filling to 1 mm at 60-70° to CA. Stained mauve by KFC.
3714	135.99-137.00	1.01	125	136.10	Insolated 1.0 cm chloritic pillow selvage with 5% fine grained Py and 1% Cpy.
				136.74-136.78	4.0 cm coarse grained white calcite vein with chloritic bands. Trace Py. Stained mauve by KFC. Vein at 60° to CA.
3715	137.00-137.40	0.40	14	137.12-137.15	2.0X3.0 cm patch brecciated Py with 1% Cpy in fracture.
				137.22-137.27	0.5-5.0 cm chloritic band with 25% and 1% Cpy.
3716	137.40-138.43	1.03	nil		Barren calcite fracture filling.
3717	138.43-138.69	0.26	1199		Average of two.
				138.52-138.61	1.0 cm calcite chlorite band parallel CA. 20% Massive Py and 3% Cpy.
3718	138.69-139.66	0.97	3	139.10	0.3 cm white calcite vein at 55° to CA stained mauve by KFC. Py in wall rock.
				139.25-140.00	1% cubic Py to 3 mm.
	140.58	-	-		Trace Py.

		Au PPB		
	140.74	-	-	1.5 cm calcite chlorite vein at 55° to CA.
3719	141.13-142.08	0.95	7	Trace Cpy in calcite fracture filling.
				141.34-141.98 Trace Cpy in calcite fracture filling at 35° to CA.
				141.92 0.0-1.5 cm calcite vein stained blue by KFC.
				141.98 Trace Cpy and Minor Py in calcite patch.
	140.00-149.72	-	-	Trace coarse grained Py.
	145.00	-	-	4.0 cm banded calcite-chlorite vein stained mauve by KFC.
149.92	END OF HOLE			

Assay Summary 96-28

Sample No.	From	To	Length	Au PPB
3676	31.80-32.20		0.40	Nil
3677	32.86-33.44		0.58	697 (Av.)
3678	39.96-41.44		1.48	24
3679	41.44-41.83		0.39	39
3680	41.83-42.38		0.55	2
3681	42.38-43.29		0.91	12
3682	43.29-43.84		0.55	3
3683	43.84-44.70		0.86	19
3684	45.51-45.76		0.25	3
3685	50.73-51.55		0.82	12
3686	58.70-59.00		0.30	17
3687	63.73-64.61		0.88	214 (Av.)
3688	64.61-65.61		1.00	141
3689	65.61-66.80		1.19	7
3690	68.80-68.08		1.28	21
3691	68.08-69.12		1.04	7
3692	69.12-69.98		0.86	2
3693	75.32-76.63		1.31	7
3694	76.63-77.65		1.02	15
3695	77.65-78.48		0.83	58.5 (Av.)
3696	78.48-79.61		1.13	7
3697	79.61-80.00		0.39	10
3698	80.00-81.63		1.63	nil
3699	109.00-110.71		1.71	2
3700	119.00-120.00		1.00	19
3701	120.00-121.00		1.00	3

Hole Number 96-28.

Assay Summary (cont'd) 96-28

Sample No.	From	To	Length	Au PPB
3702	121.00-122.00		1.00	2
3703	128.00-128.80		0.80	nil
3704	128.80-129.00		0.20	nil (Av.)
3705	129.00-130.00		1.00	nil
3706	130.00-131.00		1.00	nil
3707	131.00-132.00		1.00	nil
3708	132.00-132.85		0.85	nil
3709	132.85-133.21		0.36	43
3710	133.21-133.80		0.59	5
3711	133.80-134.55		0.75	3
3712	134.55-135.30		0.75	55
3713	135.30-135.99		0.69	nil
3714	135.99-137.00		1.01	125
3715	137.00-137.40		0.40	14
3716	137.40-138.43		1.03	nil
3717	138.43-138.69		0.26	1199 (Av.)
3718	138.69-139.66		0.97	3
3719	141.13-142.08		0.95	7

149.92 END OF HOLE

Hole Number 96-28.

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-29 Property: McGarry Township
Core Size: NQ Casing: Pulled
Coordinates: 15+06N, 22+82E
Depth: 90.00 m
Azimuth: 352°
Dip: -45°
Start Date: November 04, 1996
Finish Date: November 06, 1996
All Measurements in Meters
Drilled by Kosy Diamond Drilling
Logged By Douglas Robinson

Meterage

From	To	Description
0.00	21.00	OVERBURDEN

21.00	54.23	FINE GRAINED BASALT. Single flow. Medium green, massive, moderately hard groundmass cut by 1-2% irregular random fracture filling of aphanitic dark green chlorite and very fine grained pale yellow (epidote?). Very competent ground.
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ALTERATION AND MINERALIZATION.

	PPB Au	
21.00-35.50	-	- Yellow fracture filling dominant with chloritic fracture filling common near the bottom.
33.50-45.00	-	- Chlorite and yellow silicate (epidote?) alteration

Hole Number 96-29

Douglas Robinson
April 9, 1997

Au PPB

		45.00-54.23	-	-	equally common.
	3720	34.00-34.71	0.71	36	Chlorite dominant fracture filling.
					34.15 Minor Cpy in chloritic fracture filling.
		36.22	-	-	34.53 Minor Cpy in chloritic fracture filling.
					1.5 cm calcite vein with 15 cm yellow bleaching (epidote).
	3721	37.30-38.28	0.98	9	Barren.
NB	3722	38.28-38.95	0.67	29	38.28-38.90 Bleached pale grey calcite alteration stained mauve by potassium ferri cyanide (KFC). Moderately hard, weakly sericitic. 5% fine grained calcite veining to 1.0 cm at 80° to CA. At 38.90 sharp alteration front line at 65° to CA.
	3723	38.95-39.92	0.97	5	Barren.
NB	3724	39.92-40.36	0.44	3	39.92-40.28 Pale grey carbonate alteration and minor calcite fracture filling. Alteration stained blue by KFC.
					40.12 1.0 cm fine grained crushed calcite-chlorite vein at 40° to CA stained mauve by KFC.
	3725	40.36-41.35	0.99	5	Average of two.
					40.90-41.83 Minor Cpy in numerous chlorite fracture fillings.
	3726	41.35-42.00	0.65	5	
	3727	42.00-43.00	1.00	nil	Barren.
	3728	44.74-45.00	0.26	188	Average of two.

Hole Number 96-29

Au PPB

				44.95 1.0x3.0 cm calcite-chlorite-epidote alteration patch with 3% Cpy.
3729	49.78-50.58	0.80	10	49.80-50.95 0.1% Cpy in chloritic fracture fillings to 1.0 cm.
3730	50.58-51.00	0.42	62	See above.
3731	52.37-53.00	0.63	86	Average of two. 52.54-52.95 Minor Cpy in chlorite-epidote fracture filling.

54.23 81.00 FINE GRAINED BASALT. Single flow.
 54.23-70.50 Medium green, uniform and massive, fine grained flow. Rare black xenoliths to 0.5 cm. Medium hard and non-magnetic.
 70.50-81.10 Medium green, massive, fine grained, moderately hard, and non-magnetic. Narrow bleaching along fine healed fractures at 50° to CA. Fracture spacing 0.3-0.5 cm.
 78.65-81.10 Prominent flow breccia as pale grey shards and medium green aphanitic fragments.
 81.10 Sharp, natural irregular lower contact 0-45° to CA.

ALTERATION AND MINERALIZATION.

54.23-57.00	-	-	Chloritic fracture filling.
57.00-63.00	-	-	Possibly weak pervasive epidote alteration of groundmass.
63.00-67.34	-	-	Irregular fracture filling by pale

Au PPB

green epidote and bleaching along fractures.

	3732	67.34-68.00	0.66	2	Barren.
NB	3733	68.00-68.63	0.63	nil	68.00-69.13 Calcite alteration stained mauve by KFC. Moderately soft. Prominent set of 1.0-4.0 calcite stringers at 60° to CA. Stringers not stained by KFC.
NB	3734	68.63-69.14	0.51	nil	68.72 5 cm fine grained grey, grain reduced calcite at 60° to CA. 3% wispy dark green chlorite.
	3735	69.14-70.30	1.16	7	Barren.
	3736	78.64-79.34	0.70	2	78.83 0.5X1.5 cm patch grey calcite alteration with 10% Cpy.
	3737	79.34-80.27	0.93	10	80.07 & 80.11 specks of Cpy.
	3738	80.27-81.00	0.73	9	80.77 specks of Cpy.

81.00 90.00 MEDIUM GRAINED BASALT. Single flow.
Medium green, uniform and massive, moderately hard and non-magnetic. 1% irregular dark green healed chloritic fracture filling commonly at 45° to CA.
At 81.00 upper contact 0.4 cm pale green aphanitic chill against flow above. From 81.00 to 84.00 grades from aphanitic to medium grained. From 84.00 to 90.00 medium grained

ALTERATION AND MINERALIZATION.

	86.40	-	-	-	Minor Py in 0.3 cm chloritic fracture filling.
	3739	88.00-88.50	0.50	34	88.14 Minor Cpy in 0.6 cm chloritic fracture filling at 42° to CA.

90.00 END OF HOLE.

Hole Number 96-29

Assay Summary 96-29

Sample No.	From	To	Length	Au PPB
3720	34.00-34.71		0.71	36
3721	37.30-38.28		0.98	9
3722	38.28-38.95		0.67	29
3723	38.95-39.92		0.97	5
3724	39.92-40.36		0.44	3
3725	40.36-41.35		0.99	5 (Av.)
3726	41.35-42.00		0.65	5
3727	42.00-43.00		1.00	nil
3728	44.74-45.00		0.26	188 (Av.)
3729	49.78-50.58		0.80	10
3730	50.58-51.00		0.42	62
3731	52.37-53.00		0.63	86 (Av.)
3732	67.34-68.00		0.66	2
3733	68.00-68.63		0.63	nil
3734	68.63-69.14		0.51	nil
3735	69.14-70.30		1.16	7
3736	78.64-79.34		0.70	2
3737	79.34-80.27		0.93	10
3738	80.27-81.00		0.73	9
3739	88.00-88.50		0.50	34

90.00 END OF HOLE

Hole Number 96-29

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-30 Property: McGarry Township
Core Size: NQ Casing: Pulled
Coordinates: 14+59N, 22+07E
Depth: 199.50 m
Azimuth: 352°
Dip: -60°
Start Date: November 07, 1996
Finish Date: November 10, 1996
All Measurements in Meters
Drilled by Kosy Diamond Drilling
Logged By Douglas Robinson
Meterage

From	To	Description
0.0	4.40	OVERBURDEN

4.40	15.50	AUGITE SYENITE
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Uniform and massive, fine grained with locally 3% black unaltered to grey altered Augite (hornblende?). Non-magnetic to very weakly magnetic.

Sharp natural lower contact at 35° to CA. Finer grained over 3.0 cm along lower contact.

ALTERATION AND MINERALIZATION.

Very hard and silicious without calcite alteration. Trace hematization along healed fractures below 11.00 m. Minor calcite fracture filling at 35-50 and 120° to CA. Locally trace Py

11.20	-	-	Trace Cpy in 4 mm bleached patch.
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Hole Number 96-30

Douglas Robinson
April 1997

15.00 - - Speckled epidote alteration concentrated within 15.0 cm of lower contact.

15.50 41.20 MASSIVE BASALT

Dark green and moderately hard with variable grain size from aphanitic to medium grained. Non-magnetic. Numerous pale green aphanitic chilled flow contacts. Up to 2% irregular white specks (not calcite).

15.00-18.80 Coarse appearance due to 25% 2-4 mm dark green clots in pale yellow green (epidote?) groundmass. This appears to be an alteration texture.

18.80 Gradational textural change.

18.80-25.05 Medium green, aphanitic and massive.

25.05 Contact obscured by calcite alteration.

25.05-26.30 light green, fine grained and massive with 1% white leucoxene specks.

26.30 Gradate to aphanitic.

26.30-41.20 Mixed fine grained to medium grained mafic rocks with 1-2% white leucoxene in aphanitic chilled contacts noted below.

32.30-33.10 Dike? Chloritic stockwork absent.

Unit is uniform and massive, fine grained with typical pale green chills along contacts. This unit is similar to the unit it cut including 1-2% white leucoxenes.

At 32.30 Rock below is chilled against rock above along an irregular natural contact at approximately 25° to CA.

At 33.10 rock above is chilled against rock below.

33.10-34.00 Aphanitic pale green with prominent chlorite stockwork.

34.00-39.10 Similar to 32.30-33.10.

Sharp, natural, wavy upper contact along 0.4 m of core.

Sharp, natural, lower contact at 20° to CA.

41.00-41.20 aphanitic with prominent wispy chloritic stringers.

At 41.20 sharp natural contact 40° to CA.

ALTERATION AND MINERALIZATION.

Entire unit is cut by a stockwork of irregular 1-3 mm healed chloritic fracture filling at 1.0-4.0 cm spacing at 45 and 135° to CA. Generally barren of sulphides.

			PPB Au	
	23.38	-	-	Minor Py in 4 mm chloritic fracture filling.
88374	24.67-25.15	0.48	10	24.70-25.05 Bleached strong, pervasive pale grey calcite alteration. Texture 90° to CA.
				24.73 0.3-2.0 cm calcite fracture filling with pale yellow (epidote) along walls. 65° to CA.
				24.85 Calcite similar to 24.74 at 80° to CA.
				24.87 Calcite similar to 24.74 at 90° to CA.
				This is dominant stringer.
				25.02 0.5 cm calcite similar to 24.74 at 80° to CA.
				25.06 0.3 cm calcite similar to 24.74 at 65° to CA.
	28.30-28.45	-	-	Aphanitic chill at 35° to CA.

			Au PPB	
88375	29.50-29.80	0.30	14	Minor Py in chloritic fractures.
	33.60	-	-	Trace Py along chloritic slip.

41.20 51.50 AUGITE SYENITE
 3% altered elongated medium green augite (hornblende?) phenocrysts to 1 mm and locally relict black unaltered phenocrysts in a glassy, very fine grained, uniform and massive groundmass. Very hard and silicious. Locally mafic xenoliths to 1.0 cm.
 Sharp, natural, frozen, lower contact at 35° to CA.

ALTERATION AND MINERALIZATION.

Silicified. 15% fine chlorite-dolomite? specks in grey silicious groundmass. Pale green epidotization of phenocrysts within 2 m of upper and lower contacts.

Minor widely spaced set of 0.1-0.4 cm calcite stringers at 75° to CA with weak calcite alteration along fracture walls. Locally weak red hematization to 1.0 cm along healed fractures including 35 and 75° to CA.

0.5-3% disseminated Py as 0.5 mm anhedral to subhedral grains. with highest concentrations from 43.20-50.50 m.

88376	41.20-42.09	0.89	9	41.30-42.05 Calcite chlorite fracturing at 25° to CA. Silicification along fractures. Trace Py. Locally
88377	42.09-43.12	1.03	17	< 0.5% disseminated Py.
88378	43.12-44.50	1.38	29	Disseminated Py.

			Au PPB	
88379	44.50-46.00	1.50	19	1-3% Py.
88380	46.00-47.50	1.50	24	1-3% Py.
88381	47.50-48.57	1.07	10	Disseminated Py
88382	48.57-49.00	0.43	14	48.68-49.00 Strong pervasive calcite alteration centred on vein at 65-70° to CA.
88383	49.00-50.50	1.50	9	Disseminated Py.
88384	50.50-51.50	1.00	12	Disseminated Py.

51.50 63.80 MASSIVE MEDIUM GRAINED BASALT

Similar to 15.00-42.20.

Medium green, medium grained, uniform and massive throughout having irregular chloritic stockwork with 00-10° to CA dominant. No fine grained sections. Moderately hard to hard.

ALTERATION AND MINERALIZATION.

Stockwork fracturing healed by dark green chlorite to 2 mm with 00-10° to CA dominant. Weak Fe-carbonate alteration? Locally trace disseminated Py.

63.80 78.82 AUGITE SYENITE

Similar to 41.20-51.50

Pinkish grey to orange, very fine grained groundmass with 20% altered, elongated augite phenocrysts with locally relict black augite phenocrysts. Locally mafic xenoliths to 3.0 cm. Non-magnetic.

ALTERATION AND MINERALIZATION.

Weak to strong hematization of groundmass centred on minor carbonate-quartz fracture filling at 20-30 and 70° to CA. At lower contact 1.0 m of prominent 0.4-0.6 cm hard yellowish alteration spots (altered phenocrysts?) with weak calcite.

Trace to 3% 0.5 anhedral disseminated Py commonly in altered augite phenocrysts, xenoliths and along minor chloritic fractures.

			Au PPB	
88385	63.80-64.87	1.07	2	Trace disseminated Py.
88386	64.87-66.63	1.76	27	1-3% disseminated Py.
88387	66.63-68.10	1.47	17	Trace to 1% disseminated Py.
				67.50-72.20 strongest hematization.
88388	68.10-69.63	1.53	9	
88389	69.63-71.10	1.47	9	
88390	71.10-71.90	0.80	10	
88391	71.90-73.00	1.10	12	
88392	73.00-74.50	1.50	5	
88393	74.50-76.00	1.50	15	
88394	76.00-77.00	1.00	2	
88395	77.00-77.81	0.81	nil	76.43-79.15 calcite alteration.
	78.13-78.81	-	-	2-3% disseminated Py
	78.81-78.82	-	-	Trace disseminated Py

78.82 148.80 MASSIVE BASALT

Similar to 51.50-63.80.

Sequence of medium green, uniform and massive, fine grained, non-magnetic mafic flows with pale green aphanitic chills in contact with the flows above. Flows grade downwards from medium grained

to fine grained at their lower contacts.
 81.50-84.40 Very fine grained flow breccia.
 84.40 Chilled flow contact at 45° to CA.
 86.50 Chilled flow contact at 40° to CA.
 86.55-86.80 Patches of chilled flow along the core.
 104.10 Chilled flow contact at 50° to CA.
 104.10-109.10 Fine grained flow.
 109.10 Chilled flow contact at 70° to CA.
 139.50 Indistinct, irregular chilled flow contact.
 148.45 Chilled flow contact in broken core.
 149.80 Lower contact arbitrarily set at start of moderate magnetism.

78.95-79.20 Augite syenite dike.

ALTERATION AND MINERALIZATION.

		Au PPB		
88396	77.81-79.80	1.99	9	78.82-79.15 Patchy calcite-epidote alteration.
88397	79.80-80.48	0.68	7	79.90-80.03 Crystalline (1 mm) white calcite vein with 10% breccia fragments aligned with vein walls. Slip wall at 79.90 and frozen wall at 80.03 at 60° to CA.
				79.15-81.38 Intense pervasive calcite alteration not stained by KFC. Alteration centred on vein at 79.90 m.
	80.15-83.50	-	-	Prominent set of quartz-carbonate seams at 50-60° to CA.
	82.00-88.00	-	-	Chloritic stockwork (not as strong as up the hole).
	88.00-107.00	-	-	Rare thin pale green fracture filling.

		Au PPB		
	108.45-109.91	-	-	Pervasive calcite alteration in part bleached pale green.
	107.00-112.00	-	-	Set of 0.1-0.5 cm pale green carbonate-epidote? fracture filling at 20, 35, 50 and 70° to CA.
	112.00-149.80	-	-	Rare carbonate-silicate fracture filling.
	145.60-145.80	-	-	50% yellow epidote alteration bands to 4.0 cm at 50° to CA.
	148.60-149.80	-	-	Minor dark green chloritic stockwork.
	149.15-149.50	-	-	1.0 cm fine grained pale yellow epidote bands parallel slips at 10° to CA.
88398	149.60-149.98	0.34	12	Py to 0.2X3.0 cm healed chloritic fracture.

148.80 162.15 BASALT, FINE GRAINED.

Medium green, aphanitic-very fine grained with short medium grained sections. Moderately magnetic. Moderately hard to hard.

ALTERATION AND MINERALIZATION.

149.80-161.10 Numerous hairline epidote fracture fillings to 1 mm at 50° to CA at 2.0-6.0 cm centres (average 0.2-6.0 cm). Average fracture spacing <1.0 cm, locally 6.0 cm.

88399	161.00-162.00	1.00	2	161.10-162.15 Pervasive calcite-chlorite alteration and pale green bleaching centred on contact vein at 162.15 m.
88400	162.00-162.24	0.24	108	162.15 4.0 cm quartz-carbonate vein with slip walls at 75° to CA. 1.0 cm calcite chlorite vein with minor Cpy along one side.

162.15 199.50 MASSIVE MEDIUM GRAINED BASALT

Medium green, medium grained, uniform and massive flow. No flow contacts recognized. Moderately hard to hard and moderately magnetic.

ALTERATION AND MINERALIZATION.

Weakly developed yellowish epidote fracture filling.,

3551	162.24-163.20	0.96	5	162.15-163.10 Pervasive calcite alteration. Bleached with numerous 0.1-0.5 cm calcite stringers at 15, 45 and 70° to CA.
	167.00-183.30	-	-	Late loose open fractures at 10-35° to CA.
	167.30-169.00	-	-	Strongly fractured.
	171.30-172.00	-	-	Strongly fractured at 15° to CA with chloritic slips (calcite on some slips).
	172.50-173.40	-	-	Strongly fractured with chloritic slips at 20-30° to CA.
3552	174.90-175.12	0.22	7	175.00 1% Cpy and 5% epidote in 1 cm quartz vein. Strong chloritic slip wall.
	174.00-176.00			Patchy epidotization.
	176.00-177.25	-	-	Non-magnetic moderately strong pervasive yellow-green epidotization without calcite.
3553	178.24-178.78	0.54	2	178.40-178.60 Minor dark grey, coarse quartz alteration with minor associated calcite and epidote. Wall rock also epidotized.
	178.40-188.05			Trace coarse anhedral Py.
3554	188.11-189.50	1.39	9	188.05-193.00 0.1-0.5% fine disseminated Py to 0.5 mm.
3555	189.50-191.02	1.52	7	

			Au PPB	
3556	191.02-192.02	1.00	9	Disseminated Py.
3557	192.02-193.00	0.98	5	Disseminated Py.
3558	193.00-194.00	1.00	3	193.00-199.50 Trace 0.5-1.5 mm disseminated Py. 193.20 Minor Cpy and epidote along chloritic slip at 20° to CA. 193.51-193.65 Minor Cpy in weak epidote alteration bands.
3559	195.55-196.57	1.02	5	Minor Cpy.

199.50

END OF HOLE

Driller reported 201.00 as the end of the hole. The core was logged relative to the tag at 189.00 m.

Assay Summary 96-30

Sample No.	From	To	Length	Au PPB
88374	24.67	25.15	0.48	10
88375	29.50	29.80	0.30	14
88376	41.20	42.09	0.89	9
88377	42.09	43.12	1.03	17
88378	43.12	44.50	1.38	37.5 (Av.)
88379	44.50	46.00	1.50	19
88380	46.00	47.50	1.50	24
88381	47.50	48.57	1.07	10
88382	48.57	49.00	0.43	14
88383	49.00	50.50	1.50	8 (Av.)
88384	50.50	51.50	1.00	12
88385	63.80	64.87	1.07	2
88386	64.87	66.63	1.76	27
88387	66.63	68.10	1.47	17
88388	68.10	69.63	1.53	9
88389	69.63	71.10	1.47	9
88390	71.10	71.90	0.80	8.5 (Av.)
88391	71.90	73.00	1.10	12
88392	73.00	74.50	1.50	5
88393	74.50	76.00	1.50	15
88394	76.00	77.00	1.00	2
88395	77.00	77.81	0.81	nil
88396	77.81	79.80	1.99	9
88397	79.80	80.48	0.68	7
88398	149.60	149.98	0.34	12
88399	161.00	162.00	1.00	2

Hole Number 96-30

Assay Summary (cont'd) 96-30

Sample No.	From	To	Length	Au PPB
88400	162.00-162.24	0.24	108	
3551	162.24-163.20	0.96	5	
3552	174.90-175.12	0.22	7	
3553	178.24-178.78	0.54	2	
3554	188.11-189.50	1.39	9	
3555	189.50-191.02	1.52		
3556	191.02-192.02	1.00	9	
3557	192.02-193.00	0.98	5	
3558	193.00-194.00	1.00	3	
3559	195.55-196.57	1.02	5	

199.50 END OF HOLE

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-31 Property: McGarry Township
Core Size: NQ Casing: Pulled
Coordinates: 13+24N, 20+35E
Depth: 107.00 m
Azimuth: 352°
Dip: -46°
Start Date: November 12, 1996
Finish Date: November 13, 1996
Drilled By: Kosy Diamond Drilling. Logged By: Douglas Robinson
All Measurements in Meters

Meterage

From	To	Description
0.00	3.50	OVERBURDEN
3.50	40.00	DIORITE, MAGNETIC COARSE GRAINED Varied textured diorite defined by variation in grain size. Generally coarse grained crystalline with feldspar laths to 3 mm long with dark green mafic intergranular mafic minerals. 5% 0.5-2 mm magnetite grains. Unit is dark green, moderately hard-hard and strongly magnetic with non-magnetic sections as noted below. 14.17-14.70 Non-magnetic, non altered phase at 45° to CA. 1-2 mm equant pale green-white feldspar grains in dark green mafic groundmass. Slightly irregular frozen contacts. 18.55-18.63 3.5 cm medium grey, medium grained crystalline aplite.

Douglas Robinson
Feb 25, 1997

Very weakly carbonated by calcite.

- 19.10-20.36 Mafic Dike at 60° to CA
Dark green, fine grained, uniform and massive.
Moderately hard. Not carbonated.
Sharp natural chilled and frozen contacts.
At 19.15 5 cm xenolith of diorite host rock.
- 22.90-23.00 Fine grained magnetic diorite phase with gradational upper and lower contacts.
- 23.00-28.10 Non-magnetic phase similar to 14.17-14.70.
30% 2-3 mm pale green-white equant feldspar grains in mafic groundmass. Not altered.
Gradational upper and lower contacts.
- 28.10-38.05 generally coarse grained magnetic with considerable variation in grain size and texture. 45° to CA.
- 38.05-38.08 3 cm coarse grained mafic band without feldspar. Soft. 45° to CA.
- 38.08-40.00 Medium grained aplite.
Silicified? Uniform, massive and very hard. Lower contact epidotized at 70° to CA.

ALTERATION & MINERALIZATION

Locally minor epidote alteration patches to 5 cm.

3769	11.00-11.57	0.57	3	Barren rock.
3560	11.57-12.00	0.43	5760	11.65 0.8 cm chlorite band and slip at 30° to CA. 11.65-11.90 core is 5% Py as fracture fillings to 0.3 cm at 15-30° to CA. Average of 2.
3770	12.00-12.77	0.77	52	Barren rock. Average of two.
	14.71	-	-	0.8X2.0 cm patch epidote alteration with 5% Cpy.

		Au PPB		
	15.70-16.50	-	-	Feldspars coloured pale red by hematization.
3561	18.53-18.95	0.42	27	from 18.63-18.79 10 cm quartz vein at 30° to CA and parallel to aplite above. 5% chloritic inclusions, 10% Py over 1 cm in wall rock along both edges of vein. Vein has frozen walls. Centre of vein broken by calcite chlorite slip parallel vein walls.
3562	20.78-21.26	0.48	427	Py.
3767	21.26-22.00	0.74	7	Barren rock.
3563	22.00-22.25	0.25	40706	From 22.09-22.16 fine grained zone at 70° to CA. Very hard, silicified and weakly epidotized. 1 cm pyritic carbonate alteration of wall rock at both edges. Epidote alteration extends 3 cm beyond zone. At 22.09 1X2 cm of calcite alteration is 25% Cpy. At 22.16 minor Cpy along contact. Average of 4.
3768	22.25-23.00	0.75	9	Barren rock.
	29.00-40.00	-	-	Weak pervasive Fe-carbonate alteration indicated by blue stain from potassium ferri cyanide (KFC).
	33.33-33.39	-	-	Epidote alteration filling 2.5 cm fracture at 45° to CA.
	34.00	-	-	0.5 cm calcite fracture filling with epidote to 4 cm into wall rock. 20° to CA.

40.00 99.03 DIORITE, NON-MAGNETIC COARSE GRAINED EQUANT
Medium green, 30% 2-3 mm greenish white equant feldspar grains in

dark green mafic groundmass.

Moderately hard to hard, generally unaltered.

Numerous aplite and magnetic sections.

Magnetic sections similar to 3.50-40.00 m.

42.7-43.10 Fine grained magnetic phase with gradational contacts
at 45° to CA.

44.81-44.95 Magnetic section.

45.80-46.70 Magnetic, medium grey phase with xenolith of unaltered
non-magnetic diorite host.

52.30-53.55 Magnetic diorite phase.

53.25-53.55 Fine grained magnetic aplite.

56.90-57.70 Fine grained magnetic section with gradational
contacts.

58.05-58.70 Magnetic coarse grained phase with 3 cm pegmatitic
pods.

Tag 71 should read 68.00 m. Three metres were subtracted from
subsequent tags.

72.00-72.40 Magnetic phase.

73.00-73.20 Magnetic phase.

74.65-75.00 Magnetic phase. Varied textured.

77.30-77.40 Magnetic phase.

78.80-79.10 Magnetic phase.

88.00-88.60 Magnetic phase.

Varied textured with contacts at 75 and 50° to CA.

88.90-89.00 Magnetic phase.

91.15-91.30 Magnetic phase.

92.25-93.00 Magnetic phase.

94.33-94.82 Magnetic phase.

95.10-98.07 Magnetic phase.

ALTERATION AND MINERALIZATION.

Weak Fe-carbonate alteration of mafic minerals only.

Samples from 93.00-105.00 m. measured relative to tag at 98 m.

	41.80-45.00	-	-	Patchy epidote alteration.
	43.48-43.74	-	-	Moderate epidote alteration with minor hematization.
3564	47.95-49.00	1.05	58	Prominent epidote alteration along healed fractures. 48.12 1 cm calcite epidote with strong loose slip wall. 48.48-48.55 irregular fine grained grey calcite fracture filling.
3565	49.00-49.53	0.53	4080	48.90-49.80 white calcite-epidote fracture filling. 49.30-49.53 3% Py to 3 mm in calcite fracture filling.
3880	49.53-50.13	0.60	15	Rusty fracturing at 0° to CA.
3881	50.13-51.14	1.01	7	Barren.
	54.80-54.95	-	-	Intense pervasive yellow-green epidote alteration along strong slips.
	59.80	-	-	4 cm fine grained epidote vein at 40° to CA.
	61.80-62.23	-	-	pervasive epidote alteration.
443	63.00-64.10	1.10	14	
3566	64.10-64.57	0.47	1577	64.20-64.35 5% Py patches to 1 cm centred on hairline epidote seams.
3567	64.57-65.00	0.43	1474	64.75 1.5 cm quartz vein with 3% Cpy & 3% Py. Vein at 25° to CA. Average of two.

3568	65.00-65.77	0.77	65	Barren wall rock.
3569	69.18-70.47	1.29	168	69.40 minor Cpy in 0.3X3 cm Py patch.
3570	70.47-71.71	1.24	670	70.38-71.22 2% Py as fine grained patches to 1X2 cm along fracture at 0° to CA. Minor grey quartz alteration patches. 71.60-71.67 0.3 cm thick Py band at 0° to CA, in and out same side of core.
3882	77.00-77.84	0.84	105	4 mm calcite vein with Py along both edges.
3571	77.84-79.16	1.32	1563	77.98 0.2X1.5 cm Py mass with 20% Cpy. 78.10 1 cm quartz vein along epidote slip at 15° to CA. 78.10-79.05 epidote seams at 0-10° to CA. 0.5% Py
3883	79.16-80.15	0.99	6	Barren. Average of two.
3572	80.15-80.50	0.35	84	Cpy & Py in thin epidote seam.
3573	82.00-82.94	0.94	9	Barren wall rock.
3574	82.94-83.40	0.46	216	Silicified? and chloritic. Moderately hard, medium grey and igneous texture destroyed. Trace very fine grained Py in minor quartz seams at 35° to CA.
3575	83.40-84.25	0.85	74	83.40-84.20 Chlorite epidote alteration banding at 50° to CA. Moderately soft-moderately hard. 83.40-83.43 open vuggy water seam. 84.20 minor Cpy beside chloritic band.
3576	92.70-93.27	0.57	5	Barren wall rock.
3577	93.27-93.76	0.49	235	93.27-95.68 Scattered fine to coarse grained Py. 93.03-95.00 0.1% Cpy in chloritic fractures at 0-10° to CA
3578	93.76-95.07	1.31	1097	See sample 3577.

			Au PPB	
				93.74-93.77 5% coarse grained Py near a quartz chlorite seam at 40 ° to CA.
3579	95.07-95.35	0.28	1903	5% Py in epidote alteration. Average of two.
3580	95.35-96.00	0.65	549	95.46 3 mm speck Cpy.
3581	96.00-97.00	1.00	234	Wall rock. Average of two.
3582	97.00-98.00	1.00	5	
3583	98.00-99.03	1.03	36	98.08-99.03 Pale grey bleached alteration stained blue by KFC.
				98.08-0.8, 98.17-0.2, 98.23-0.4 and 98.32-0.3 cm quartz calcite stringer set at 75° at CA. Stringers stained mauve by KFC.

99.03 100.04 DEFORMATION ZONE

Pervasive variable banding averaging 70° to CA. Banding is locally contorted.

Zone appears to be 50% yellow sericite and Fe-carbonate stained blue by KFC and 50% fine grained calcite-quartz intergrowth as 0.5-1.0 cm massive grey bands stained mauve by KFC.

ALTERATION AND MINERALIZATION

See description above.

3584 99.03-100.10 1.07 43 Trace very fine grained Py.

100.04-107.00 DIORITE, MEDIUM GRAINED

Medium green, 0.5-1.0 crystalline, uniform and massive.

3% 4 mm soft, dark green chloritic masses. Moderately hard.

ALTERATION AND MINERALIZATION

100.04-102.27 - - Pervasive moderately soft pale grey bleaching.
Primary texture vague where preserved.
Stained mauve by KFC.
Minor calcite stringers to 0.5 cm at 60° to CA.

3585 100.10-100.90 0.80 5 See above.
100.04-101.49 trace fine-medium grained Py.
3586 100.90-101.49 0.59 9 See above and 3585.
3587 101.49-102.48 0.99 2 2% fine grained Py.
3588 102.48-103.46 0.98 4 102.27-107.00 Trace medium-coarse grained Py.
Average of two.

107.00 END OF HOLE

Assay Summary 96-31

Sample No.	From	To	Length	Au PPB
3769	11.00	11.57	0.57	3
3560	11.57	12.00	0.43	5760 (Av.)
3770	12.00	12.77	0.77	52 (Av.)
3561	18.53	18.95	0.42	27
3562	20.78	21.26	0.48	427
3767	21.26	22.00	0.74	7
3563	22.00	22.25	0.25	40706 (Av.)
3768	22.25	23.00	0.75	9
3564	47.95	49.00	1.05	58
3565	49.00	49.53	0.53	4080
3880	49.53	50.13	0.60	15
3881	50.13	51.14	1.01	7
443	63.00	64.10	1.10	14
3566	64.10	64.57	0.47	1577
3567	64.57	65.00	0.43	1440 (Av.)
3568	65.00	65.77	0.77	65

Assay Summary (cont'd.) 96-31

Sample No.	From	To	Length	Au PPB
3569	69.18-70.47		1.29	168
3570	70.47-71.71		1.24	670
3882	77.00-77.84		0.84	105
3571	77.84-79.16		1.32	1563
3883	79.16-80.15		0.99	6 (Av.)
3572	80.15-80.50		0.35	84
3573	82.00-82.94		0.94	9
3574	82.94-83.40		0.46	216
3575	83.40-84.25		0.85	72 (Av.)
3576	92.70-93.27		0.57	5
3577	93.27-93.76		0.49	235
3578	93.76-95.07		1.31	1097
3579	95.07-95.35		0.28	1903 (Av.)
3580	95.35-96.00		0.65	549
3581	96.00-97.00		1.00	234 (Av.)
3582	97.00-98.00		1.00	5
3583	98.00-99.03		1.03	36
3584	99.03-100.10		1.07	43
3585	100.10-100.90		0.80	5
3586	100.90-101.49		0.59	9
3587	101.49-102.48		0.99	2
3588	102.48-103.46		0.98	4 (Av.)

107.00 End of Hole

Hole Number 96-31

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-32 Property: McGarry Township
 Core Size: NQ Casing: Pulled
 Coordinates: 14+96N, 22+10E
 Depth: 123 m
 Azimuth: 352° Drilled By: Kosy Diamond Drilling
 Dip: -60° Logged By: Douglas Robinson
 Start Date: October 30, 1996
 Finish Date: November 01, 1996
 All Measurements in Meters

Meterage		Description
From	To	
0.00	5.50	OVERBURDEN

5.50	35.25	PILLOWED BASALT
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Medium grey to dark green, aphanitic to very fine grained.
 Prominent pillow selvages throughout. Magnetic except as noted
 below. Moderately hard. Sharp natural lower contact at 20° to
 CA.

ALTERATION AND MINERALIZATION.

Very weak Fe-carbonate alteration stained blue by Potassium
 ferri cyanide (KFC) .

Locally prominent epidote alteration concentrated on pillow
 selvages above 18.00. Below 18.00 minor epidote alteration in
 pillow selvages and occasional fractures.

5.65-6.15	-	-	Very hard epidote alteration.
6.00	-	-	4.0 cm cherty grey quartz at 40° to CA.
	-	-	7.50 Locally trace cubic Py concentrated within 1.5

Hole No. 96-32

Douglas Robinson
March 1997 1

			Au PPB	
				cm of pillow selvages.
3589	12.52-14.00	1.48	720	13.67 Trace Cpy in pillow selvage.
				13.84 Trace Cpy in pillow selvage.
446	14.00-15.00	1.00	62	
447	15.00-15.98	0.98	5429	Average of three.
3590	15.98-17.13	1.15	1006	16.16 Trace Cpy in pillow selvage.
				17.04 1.0X3.0 calcite with 5% Py 5% Cpy in epidotized pillow selvage.
448	17.13-18.08	0.85	39	17.67 3% Py over 1.0 cm in calcite-chlorite band
	21.60-21.75	-	-	Non-magnetic. Minor calcite in healed hairline fractures.
3591	23.14-24.00	0.86	247	23.32-23.81 Non-magnetic.
				Strongly chloritic; dark green and soft with numerous calcite stringers to 0.3 cm. No visible mineralization.
				23.44 2.0 cm fine grained white calcite vein along strong chloritic slip at 20° to CA. 5% chloritic wall rock inclusions.
	24.46-25.11	-	-	Non-magnetic moderate pervasive pale green epidote alteration.
	25.11-26.10	-	-	weakly magnetic.
	25.23-26.60	-	-	0.5-1.5 cm white calcite vein at 00-05° to CA. Stained mauve by KFC.
	28.00-28.84	-	-	Non-magnetic.
	30.32	-	-	2 mm patch Cpy in epidote alteration.
	31.10-31.56	-	-	Moderate epidote alteration with minor Py.

35.25 40.98 FELDSPAR PORPHYRY DIKE
 2% 2-4 mm white feldspar phenocrysts and
 20% 0.5-1 mm white feldspar phenocrysts in a dark green
 groundmass. Very hard and non-magnetic.
 Minor mafic xenoliths to 1.0 cm.
 Minor red hematization to 1 mm along healed fractures.
 36.25 Irregular contact at 10° to CA gradational over 0.5 cm.

ALTERATION AND MINERALIZATION.

	36.75-39.60	-	-	Alteration zone as described below.
	36.75-37.22	-	-	Pale grey silicification. Only larger vague phenocrysts preserved. Moderately hard and very weakly magnetic. weakly stained mauve by KFC.
3592	37.00-38.39	1.39	2127.5	Average of two. 37.38-37.75 Carbonate alteration; soft to moderately soft, massive and textureless. Primary texture destroyed. 37.38 3.0 cm porous water seam parallel silicification at 37.75. 37.60 2.0 cm porous water seam at 55° to CA. 37.75 4.0 cm porous water seam at 60° to CA. 37.75-37.93 Moderately soft yellow-green sericite alteration with 2-4 mm very soft yellow green altered phenocrysts. 37.93-38.22 Silicification similar to 36.75-37.22.

Au PPB

3593 38.39-39.49 1.10 53 38.22-38.53 Silicification similar to 36.75-37.22
 along healed fractures.
 38.53-38.60 Silicification similar to 35.75-37.22
 38.60-39.00 Sericitic alteration similar to 37.75-
 37.93.
 39.00-39.60 Silicification along healed fractures
 similar to 38.22-38.53.
 39.35 Trace fine grained Py.

40.98 42.90 BASALT
 Possible mafic xenolith.
 Medium green, moderately hard, prominent insitu breccia cemented by dark green
 silicates. Weakly magnetic.
 This unit is fractured by late pale green epidote seams at 45° to CA.
 42.15-42.90 Feldspar porphyry along edge of core. Epidote seams cut both basalt and
 porphyry.

42.90 54.98 FELDSPAR PORPHYRY DIKE
 Similar to 35.25-40.98. Not hematized.
 phenocrysts generally absent in lower 2.0 cm of dike.
 Sharp natural lower contact at 30° to CA.

ALTERATION AND MINERALIZATION.

3594 42.95-43.20 0.25 14 Patchy pale grey silicification along fractures
 similar to 36.75-37.22.

3595	43.20-43.87	0.67	2809	43.22-43.56	Prominent Cpy and Py band to 3 mm in chloritic slip at 00-05° to CA. Mineralization appears to be associated with vein at 44.44. Average of two.
				43.72	Trace medium grained Py in healed fractures.
3596	43.87-44.33	0.46	51		Bleached.
3597	43.33-44.64	0.31	15	44.33-44.69	Intense soft medium yellow-green sericitic centred on carbonate vein.
				44.44-44.52	8.0 cm calcite vein at 70° to CA. 10% opaque white quartz and 5% thin dark green chloritic inclusions parallel contacts. Slip wall at 44.52. Stained mauve by KFC.
3598	44.64-45.46	0.82	67	44.60-45.34	Patch of pale grey alteration along healed fractures. Very hard. Silicified?
3599	45.81-46.20	0.39	36	46.02	1.0 cm yellow sericitic alteration and 15.0 cm grey bleaching along 0.5 cm white calcite vein.

54.98 77.00 PILLOWED BASALT
Medium green and aphanitic-very fine grained with prominent pillow selvages throughout. Magnetic.

ALTERATION AND MINERALIZATION.

54.98-71.40 - - Locally prominent epidote alteration of pillow

			Au PPB		
					selvages and along minor healed fractures.
3601	55.90-56.71	0.81	4706	55.93	Trace Cpy. Average of three.
				56.07	3% Cpy and 10% Py over 1.0 cm in chloritic bands.
				56.66	2% Cpy and 5% Py over 1.0 cm in chloritic band.
3602	58.35-59.85	0.50	77	58.42-58.70	0.5% Cpy and 1% Py in weak epidote alteration.
				59.00	1.0 cm white calcite vein at 30° to CA stained mauve by KFC. Average of two.
3603	60.00-60.70	0.70	187	60.32	1.5-6.0 cm patch of white calcite with 5% coarse grained Py.
				60.43	2.5 cm fine grained grey to white calcite vein at 60° to CA. Trace fine grained Py and 0.5X5 mm bladed hematite crystals.
3604	60.70-61.80	1.10	75	61.51	Minor Fine grained Py.
				61.82	Minor Py and Po in 0.5 cm chlorite band.
				61.86-63.29	Scattered Py and Cpy along pale green healed fractures and pale grey patches to 0.5 cm. (0.1%Cpy and 0.3% Py overall)
3605	61.80-62.85	1.05	195	62.00	2.0 cm coarse white calcite vein with 1% Py associated with vein at 64.45.
3606	62.85-63.82	0.97	26		Py, Cpy.
3607	63.82-64.28	0.46	1538	63.55-66.14	Non-magnetic, dark green to pale grey moderately soft pervasive calcite alteration stained mauve by KFC. Numerous dark green chloritic fracture fillings at 50° to CA rotated 90° counter clockwise relative to numerous 0.2-0.5 cm calcite stringers

			Au PPB		(stained mauve by EFC) at 65° to CA and parallel vein at 64.59.
3608	64.28-64.93	0.65	2872	64.45-64.50	4.0 cm quartz Fe-carbonate vein at 55° to CA with thin dark green chlorite bands separating translucent white quartz bands from opaque white Fe-carbonate bands (crack and seal vein). Average of two.
				64.59-64.69	Crack and seal opaque white Fe-carbonate vein at 40° to CA with numerous thin chlorite bands. Stained dark blue by KFC.
				64.69-64.82	5% fine grained pyrite in healed chlorite fracture filling perpendicular to vein wall above.
3609	64.93-65.50	0.57	7		Calcite-chlorite alteration.
				64.98	1.5 cm calcite Fe-carbonate vein at 70° to CA. Stained mauve and blue by KFC.
3610	65.50-66.00	0.50	1090		Calcite-chlorite alteration + Cpy.
				65.54	1.0 cm fine grained massive Py with 10% in calcite-chlorite alteration patch.
				65.78	5.0 cm chlorite patch with 50% Py and 15% Cpy
3611	66.00-67.20	1.20	nil		Chlorite alteration + Py.
				65.54-68.40	Locally minor fine grained pyrite patches to 0.5 cm in chloritic seams.
					Note! Mineralization from 61.86-68.40 associated with vein at 64.59.
3612	67.20-68.67	1.47	5		
	68.79	-	-		1.0 cm calcite-epidote vein at 50° to CA. Numerous epidote splays at 20° to CA.

			Au PPB	
	69.10	-	-	Stained mauve by KFC.
3613	71.47-72.18	0.71	80.5	1.0 cm calcite epidote vein stained mauve by KFC. 71.50-73.00 Massive fine grained flow with trace coarse grained Py. Average of two.
3614	72.18-73.12	0.94	367	72.20-73.02 Minor Cpy in scattered 0.5 cm Py masses and in pillow selvages. 73.00-77.00 Epidote alteration of pillow selvages and along pale green fracture fillings.
3615	73.12-74.28	1.16	19	
3616	74.28-75.14	0.86	705	Minor Cpy and Py in chlorite-epidote pillow selvages.
3617	75.14-76.00	0.86	74.5	Main Zone. Average of two. 75.00-75.96 Non-magnetic, 1% medium grained Py in pervasive calcite alteration stained purple by KFC. 75.23-75.96 Soft strongly chloritic pale grey to dark green zone is focus of alteration. 75.40 White calcite veining to 1.0 cm at 90 & 70° to CA is stained mauve by KFC. 75.55 1.0 cm white calcite vein at 70° to CA stained mauve by KFC. 75.60 2X0.5 cm white calcite vein at 60° to CA stained mauve by KFC.
3618	76.00-77.20	1.20	201	76.88 Minor Cpy in epidote alteration band.

77.00 93.00 MASSIVE BASALT

Medium green, fine grained, uniform and massive with occasional pillow selvages. Magnetic

ALTERATION AND MINERALIZATION.

Very little alteration or fracturing.

3519	77.20-78.00	0.80	10	Barren wall rock.
3620	84.00-84.97	0.97	57	Py on split surface only. 83.98-86.02 Non-magnetic soft chloritic alteration. Grey near vein. Stained mauve by KFC.
3621	84.97-85.74	0.77	183	85.25 85.42 50% sheeted, opaque, off white Fe-carbonate and quartz veins with 50% intensely silicified wall rock. All of structure easily stained dark blue by KFC. 85.42-85.83 Sheeted calcite stringers to 0.3 cm at 80° to CA.
3622	85.74-87.00	1.26	793.5	86.60-87.00 1% py cubes to 3 mm in massive basalt. 1% fine grained Py masses to 1.0 cm in epidotized pillow selvages. Average of two. 88.10-93.00 - - Locally 1-3 mm pyrite cubes in massive basalt.

93.00 100.80 PILLOWED BASALT

Medium green, aphanitic to very fine grained and moderately hard. Prominent pillow selvages with fine grained pyrite masses to 0.5 cm and 2-4 cm pyrite cubes. Weakly stained mauve by KFC but does not react to 10% HCl.

ALTERATION AND MINERALIZATION.

		Au PPB			
3650	94.27-95.22	0.95	50	94.40-95.16	3% fine grained Py & 5% very fine grained black magnetite in pillow selvage.
3623	95.22-96.00	0.78	33	95.83	1.5 cm fine grained white calcite vein with 15% quartz. Stained mauve by KFC.
	96.30-96.46	-	-		1% Py and 5 % magnetite in pillow selvage.
	97.55	-	-		2X3 mm patch Cpy near pillow selvage.
	100.62-100.74	-	-		5% Py cubes and 5% very fine grained magnetite.
100.80	123.00	FINE GRAINED MASSIVE BASALT			
		Medium green, fine grained uniform and massive. Magnetic.			
		ALTERATION AND MINERALIZATION.			
		Weakly stained blue by KFC. A few scattered thin quartz-epidote(?) fracture filling.			
3624	100.50-101.44	0.94	77	100.62-100.74	5% Py cubes to 1.0 Cm and 5% very fine grained magnetite.
3625	101.44-102.30	0.86	187	101.50	Trace Cpy in calcite chlorite patch (vesicle).
				102.25	Cpy in calcite-chlorite patch (vesicle).
	113.00-119.00	-	-		Rare Py grains.
	115.50-120.00	-	-		1% 0.5 mm black grains.
123.00	END OF HOLE				

Assay Summary 96-32

Sample No.	From	To	Length	Au PPB
3589	12.52	14.00	1.48	720
446	14.00	15.00	1.00	62
447	15.00	15.98	0.98	5429 (Av.)
3590	15.98	17.13	1.15	1006
448	17.13	18.08	0.85	39
3591	23.14	24.00	0.86	247
3592	37.00	38.39	1.39	2127.5 (Av.)
3593	38.39	39.49	1.10	53
3594	42.95	43.20	0.25	14
3595	43.20	43.87	0.67	2809 (Av.)
3596	43.87	44.33	0.46	51
3597	44.33	44.64	0.31	15
3598	44.64	45.46	0.82	67
3599	45.81	46.20	0.39	36
3601	55.90	56.71	0.81	4706 (Av.)
3602	58.35	59.85	0.50	77 (Av.)
3603	60.00	60.70	0.70	187
3604	60.70	61.80	1.10	75
3605	61.80	62.85	1.05	195
3606	62.85	63.82	0.97	26
3607	63.82	64.28	0.46	1538
3608	64.28	64.93	0.65	2872 (Av.)
3609	64.93	65.50	0.57	7
3610	65.50	66.00	0.50	1090
3611	66.00	67.20	1.20	nil

Hole Number 96-32

Assay Summary (cont'd.) 96-32

Sample No.	From	To	Length	Au PPB
3612	67.20	68.67	1.47	5
3613	71.47	72.18	0.71	80.5 (Av.)
3614	72.18	73.12	0.94	367
3615	73.12	74.28	1.16	19
3616	74.28	75.14	0.86	705
3617	75.14	76.00	0.86	74.5 (Av.)
3618	76.00	77.20	1.20	201
3619	77.20	78.00	0.80	10
3620	84.00	84.97	0.97	57
3621	84.97	85.74	0.77	183
3622	85.74	87.00	1.26	793.5 (Av.)
3650	94.27	95.22	0.95	50
3623	95.22	96.00	0.78	33
3624	100.50	101.44	0.94	77
3625	101.44	102.30	0.86	187

123.00

END OF HOLE

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-33 Property: McGarry Township
Core Size: NQ Casing:
Coordinates: 13+30N, 20+85E
Depth: 130.00 m
Azimuth: 352°
Dip: -44°
Start Date: November 13, 1996
Finish Date: November 15, 1996
Drilled By: Kosy Diamond Drilling. Logged By: Douglas Robinson.
All Measurements in Meters

Meterage

From	To	Description
0.00	5.50	OVERBURDEN.

5.50	46.83	DIORITE, COARSE GRAINED MAGNETIC. Medium grained salt and pepper texture with plagioclase:augite?=50:50. Generally coarse grained but not as coarse as in hole 91-31. 0.5X1.5 to 1.0X3.0 mm intergrown plagioclase and augite(?) grains The black augite is more elongate than plagioclase. Moderately hard and strongly magnetic. 20.50-21.85 Non-magnetic equigranular diorite phase of 40% pale green plagioclase in dark green groundmass. 38.24-38.84 similar to 20.50-21.85.
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ALTERATION AND MINERALIZATION.

Pervasive weak epidote alteration of groundmass and locally moderate epidote

Hole Number 96-33

Douglas Robinson
Feb 18, 1997

alteration along slips.

Above 22.00 core is very weakly stained blue by Potassium Ferri Cyanide solution (KFC) when pre-etched by 10% HCl.

Below 22.00 core is stained pale mauve by KFC before and after pre-etching by 10% HCl.

19.95-20.00	-	-	Fault at 60° to CA as pitted rock chips averaging 0.5 cm.
21.68-21.85	-	-	Strong epidote alteration along slip at 50° to CA.
22.42-24.44	-	-	Moderate to strong pervasive epidote alteration centred at 0.5 cm quartz vein at 24.35. Non-magnetic due to alteration.
24.35	-	-	0.3 cm flakey rusty gouge along 0.5 cm quartz vein.
32.88-34.07	-	-	Non-magnetic moderate pervasive epidote alteration of feldspar. Augite preserved.
33.29-33.75	-	-	3 cm quartz calcite vein along core at 0° to CA. Vein has tight walls.
33.46-33.70	-	-	0-1 cm quartz with 1% Py along healed chloritic fracture.
36.63-38.76	-	-	Intense epidote alteration centred on strong slip at 60 to CA. Minor hematite in fractures.
38.84-46.83	-	-	Weakly altered. Crystalline texture vague. Moderately hard.

46.83 48.90 DIORITE, EQUIGRANULAR, NON-MAGNETIC.

Non-magnetic to weakly magnetic equigranular diorite phase of 40% pale green plagioclase in dark green groundmass similar to 20.50-21.85.

Medium green with salt and pepper texture as plagioclase:Augite
= 50:50.

48.90 49.45 DIORITE, MAGNETIC COARSE GRAINED.
Magnetic diorite similar to 38.84-46.83. Magnetic. Weakly
altered.

49.45 50.89 DIORITE, FINE GRAINED.
Dark green moderately soft to soft, fine grained crystalline
texture.

ALTERATION AND MINERALIZATION.

Chloritic alteration throughout.

3740	49.45-50.00	0.55	5	Chloritic alteration.
3741	50.00-50.89	0.89	10	18.0 cm coarse grained calcite vein with minor medium grained Py along chloritic fragments. Vein is 15% very soft dark green fragments. Some crushing (grain reduction) of calcite cleavages to 3 cm. From 50.20-50.89 0.5% Py along minor calcite fracture fillings.

50.89 99.50 TRANSITIONAL DIORITE. MEDIUM GRAINED.
Medium grained with texture intermediate between coarse magnetic
and coarse non-magnetic equigranular diorite.
This unit is finer grained than magnetic and non-magnetic phases
of holes 96-16 and 96-31.
Lower contact is indistinct as a sudden decrease in grain size
at 35° to CA.

50.27-51.90 Strongly magnetic.
 51.90-52.20 Non-magnetic alteration.
 52.20-52.60 Moderately magnetic.
 52.60-53.06 Non-magnetic alteration.
 53.06-58.43 Magnetic.
 58.66-73.10 Magnetic.
 73.10-99.50 Non-magnetic.

ALTERATION AND MINERALIZATION.

Prior to 71.00 stained mauve by KFC.

From 71.00-72.50, 74.40-76.00 and 76.35-78.60 stained prominent blue by KFC.

72.50-74.40 and 76.00-76.35 stained mauve by KFC.

below 82.00 stained pale blue by KFC where pretreated by 10% HCl.

50.27-63.00	-	-	Weak pervasive epidotization of feldspars. Magnetic, except as noted.
51.90-52.20	-	-	Moderate to intense epidote alteration centred on minor quartz calcite veining at 55° to CA. Non-magnetic.
52.60-53.06	-	-	Strong epidote alteration with minor Py and trace Cpy at 80 _o to CA.
55.94-56.08	-	-	2% Py in weak chloritic alteration and along chloritic fracture filling.
58.43-58.66	-	-	Strong pervasive epidote alteration and minor calcite veining at 55° to CA.
61.00-82.10	-	-	Minor 0.1-0.3 cm white calcite stringers spaced at 5-20 cm. 50°-70° is dominant and 05° evident.
3742	62.78-63.77	0.99	15 Barren.

				Au PPB
3743	63.77-64.08	0.31	38	From 63.78-63.99 chloritic alteration with 2% wispy Cpy and 3% Py centred on 4 cm quartz vein with 3% Cpy and 5% black specular hematite (55° to CA). Also 1 cm white calcite vein with minor Cpy.
3744	64.14-65.14	1.06	35	Minor hematite & Py. Average of two.
	64.50-65.00	-	-	Minor disseminated Py.
	64.81	-	-	0.2-4 mm specular hematite seam.
	68.04-68.48	-	-	Moderate to strong epidote alteration centred on minor calcite fracture filling at 50° to CA. Non-magnetic.
	69.27-69.78	-	-	Strong epidote alteration centred on several banded carbonate stringers. Minor red hematite and Py in calcite stringers.
	69.78-73.80	-	-	Moderately soft chloritic alteration of mafic minerals.
	70.48-70.75	-	-	0.5-2.5 cm fine grained white calcite vein with no alteration.
3745	71.00-72.00	1.00	14	Chloritic alteration.
3746	72.00-73.00	1.00	17	Chloritic alteration.
3747	73.00-73.99	0.99	26	Chloritic alteration.
	73.80-75.97	-	-	Sporadic moderate-strong soft-moderately soft chloritic alteration.
3748	73.99-74.40	0.41	14	74.00-74.25 25% calcite veining as a wispy net of fine stringers at 50° to Ca (Stained mauve by KFC). Chloritic alteration.
3749	74.40-75.26	0.86	Lost	Chloritic alteration.
3750	75.26-75.96	0.70	9	Chloritic alteration. At 75.68 minor Py.
3751	75.96-76.34	0.38	257	75.97-76.33 quartz flooding as 35% very fine grained

				Au PPB	
					white quartz stockwork and 65% silicified wall; rock. Locally minor Py. Average of two.
NB	3752	76.34-76.84	0.50	nil	76.33-76.81 very soft black massive chlorite alteration. Contact at 76.33 at 135° to CA relative to contact at 76.81 and dominant shearing below. At 76.54 1.5 cm white calcite vein in slip at 135° to CA. From 76.74-76.81 Shear banded at 60° to CA. Chloritic alteration.
NB	3753	76.84-77.74	0.90	17	76.81-78.64 Moderately soft dark green chloritic alteration. Locally the igneous texture is preserved as chloritic bands at low angle to CA.
	3754	77.74-78.58	0.84	69	Chloritic alteration, see 3753.
NB	3755	78.58-79.38	0.80	15	DEFORMATION ZONE. 78.64-78.74 Strongly banded massive black chlorite and pale green sericite(?) and off white quartz. 78.74-78.84 Dark green moderately soft chloritic alteration as bands to 3 mm parallel to CA similar to 76.81-78.64. Igneous texture preserved. 79.17 2.0 cm vague opaque white quartz-calcite vein. 79.25 2.5 cm vague opaque white quartz-calcite vein.
NB	3756	79.38-80.23	0.85	34	DEFORMATION ZONE. 78.84-80.06 Prominent sericite-chlorite foliation at 45-100° to CA. Numerous small carbonate and quartz seams in foliation. 20% non-deformed sections to 3 cm of chloritic alteration similar to 76.81-78.64.

				Au PPB
				79.25 1 cm distinct opaque white quartz-calcite vein.
				79.74-79.79 vague silicification.
				80.04-80.06 1.5 cm opaque white quartz-calcite vein at 70° to CA.
				80.15-80.18 Shear banded carbonate chlorite and sericite(?).
3757	80.23-80.86	0.63	93	Average of two.
				80.28-80.68 25% fine grained pyrite over a 1 cm width in strong silicification along healed fracture at 00° to CA.
				80.80 1.5 cm calcite vein at 85° to CA.
				80.06-83.16 Grades from a moderately soft chloritic alteration with a vague igneous texture preserved to a well preserved igneous texture with pale green feldspar in chloritic mafic groundmass.
3758	80.86-81.88	1.02	22	Chloritic alteration.
				81.10 1 cm calcite vein at 80° to CA.
				81.30 0.7 cm white calcite vein at 65° to CA.
				81.48 1 cm white calcite vein at 80° to CA.
3759	81.88-82.78	0.90	3	Chloritic alteration.
				82.04 4 cm white calcite vein at 75° to CA.
3760	82.78-83.15	0.37	146	82.92-83.13 2% fine grained disseminated Py centred on 3 mm silicious band with 25% fine grained Py (45° to CA).
3761	83.15-84.84	1.69	14	Chloritic alteration.
3762	84.84-85.40	0.56	67	84.86-84.91 epidote alteration of very fine grained dikelet and open fractures.

			Au PPB	84.96 1 mm speck Cpy in quartz-carbonate fracture filling at 40° to CA.
				84.99-85.30 0.5 cm alteration band with 10% fine grained Py (parallel to CA along one side of core).
3763	85.40-86.00	0.60	51	Barren.

99.50 130.00 MASSIVE BASALT FLOWS.

Medium green, medium grained, with numerous flow contacts as logged below.

At the upper contact of flows, fine to medium grained basalt tends to be in sharp natural contact with aphanitic or very fine grained chilled basalt of the flow above (up the hole). The flows tend to increase gradually in grain size up the hole from the contacts.

99.50-101.10 Probable flow unit. Non-magnetic. Fine grained.
Contact at 101.10 at 40° to CA.

101.10-104.27 Probable flow unit. Non-magnetic. Medium grained.
Sharp natural contact at 104.27 with a tongue of fine grained unit below projecting 8 cm into medium grained unit above. This may be an infilled fracture as the tongue is continuous with the rock below (with no break).

104.27-110.90 Probable flow unit. Non-magnetic.
Grades from very fine grained at 104.27 to medium grained at 105.00.
Grades from medium grained at 107.00 to a 2 cm glassy chill at 110.90 in sharp natural contact (20° to CA)

against fine grain basalt below.

110.90-112.25 Non-magnetic.
 Fine grained to very fine grained basalt flow with decreasing in grain size down the hole.
 Lower contact at 112.25 appears to be 30° to CA.

112.25-118.48 Fine grained magnetic flow with sharp natural lower contact at 118.48 (35° to CA) being 2 cm aphanitic chilled basalt against flow unit below.

118.48-120.98 Medium grained non-magnetic flow with sharp chilled lower contact at 45° to CA in contact with medium grained volcanics below.

120.98-130.00 Generally medium grained flow with no flow contacts defined. Possible flow contact at fine grained section from 126.00-129.00.

MINERALIZATION AND ALTERATION

	99.50-130.00	-		Very weakly stained blue by KFC where pre-etched by 10% HCl. Weak to moderate pale yellow epidote(?) alteration along pale yellow healed fractures throughout.
	90.00	-		0.3 cm White calcite fracture filling with intense epidote alteration at 65 ° to CA.
	90.13	-		1 cm very coarse grained diorite dike with 80% felsic minerals and 1% coarse disseminated Py (30° to CA).
3884	91.92-92.28	0.36	2	Trace Py.
	92.28-95.23	-	-	Minor medium grained Py.
3885	95.00-95.66	0.66	10	From 95.23-95.66 0.1% very fine grained disseminated

Au PPB

				Py in bleached alteration patches to 4 mm. Pale yellowish alteration along micro-fracturing.
3886	95.66-96.28	0.62	4406	Barren fine grained dark green alteration with fine pale greenish yellow fracture fillings. Average of 2. From 95.80-96.13 1 cm quartz vein with 5% vague dark green silicate inclusions (10° to CA). Trace Cpy, Minor Py.
3887	96.28-96.80	0.50	nil	
3888	96.80-97.10	0.30	29	At 96.90 0.5 cm white calcite vein along rusty slip at 170° to CA relative to vein at 95.80. Trace Cpy & Py in vein and prominent yellow-green silicate along walls.
3889	97.10-97.55	0.45	58	0.1% very fine grained disseminated Cpy in pale yellow alteration patches to 5 mm. Minor fine grained yellow fracture fillings.
3890	95.55-98.00	0.45	43	0.1% very fine grained disseminated Py.
3891	98.00-98.67	0.67	36	0.1% disseminated Py & rare tiny specks Cpy. Minor pale yellow fracture fillings.
3764	98.67-99.11	0.44	6274	At 98.90: 0.5% very fine grained-fine grained Py, trace Cpy and 15% 1 mm white calcite cleavages in 3 cm translucent quartz vein at 20° to CA. Minor epidote alteration near walls. Average of two. Earthy hematite on slip parallel vein.
3892	99.11-99.61	0.50	14	Barren. Minor random pale green fracture fillings near 91.11.
3893	101.41-101.93	0.52	134	Minor Py in pale green fracture fillings plus calcite in larger fractures.

			Au PPB	
	101.93-104.26	-		Minor pale green fracture fillings (+/- calcite).
3894	104.26-105.00	0.74	67	Minor disseminated Py. Minor Py in prominent pale green fracture fillings. Pale green alteration along fractures.
	105.00-108.66	-		Rare pale green fracture fillings.
3895	108.00-108.66	0.66	2	From 108.08-108.40 2 cm fine grained yellowish calcite vein in 5 cm weak healed shear with strong earthy red hematite staining. Loose slip along shear. Moderate to strong hematization to 3 cm into walls.
	108.66-109.50	-		Thin healed chloritic fracturing rimmed by pale green alteration.
	109.50-113.58	-		Minor pale green alteration of weak pale green chloritic alteration. Moderately soft-moderately hard.
3896	113.58-144.64	1.06	9	Prominent pale yellow green alteration around a pervasive set of thin white fracture fillings at a low angle to CA. Rare grains of Cpy.
3897	114.64-115.28	0.64	18	Minor black chlorite fracture fillings. Average of two.
3898	115.28-115.69	0.41	401	Fine grained masses of Py & minor Cpy in pale green fracture fillings.
3899	115.69-117.00	1.31	46	Weak pervasive pale green alteration associated with pale green fracture fillings. Trace Cpy on a 0.3 cm calcite-yellow green silicate fracture filling.
3900	117.00-117.88	0.88	34	Minor medium grain disseminated Py. Locally yellow alteration associated with pale yellow fracture fillings.

			Au PPB	
3901	117.88-118.23	0.35	108	Cpy & Py in yellow alteration associated with pale yellow fracture fillings at low angle to CA.
3902	118.23-118.48	0.25	8240	Py to 0.3 mm as fracture fillings and pale green fracture fillings at low angle to CA. Average of three.
3903	118.48-119.86	1.38	57	Dark green with minor pale green fracture fillings at 30° 80° and 135°.
3904	119.86-120.88	1.02	21	Rare Cpy in thin pale green yellow fracture fillings generally at 25° to CA.
3905	120.88-122.00	1.12	274	Locally weak pervasive pale green fracture filling with medium grained disseminated Py near 122.00.
3906	122.00-122.61	0.61	9755	Moderate pale green-yellow fracture filling at 40° to CA. Average of two.
3765	122.61-123.68	1.07	15806	from 122.61-122.68 20% massive coarse grained Py in white calcite vein at 0° to CA. Minor pale yellow-green silicate in vein. 3% coarse grained disseminated Py to 4 mm & trace Cpy. Average of 3.
3907	123.68-125.00	1.32	31	Very weak pale green fracture filling.
3766	125.00-125.54	0.54	6343	5% massive Py in calcite vein at 0° to CA. Minor coarse grained disseminated Py at 125.54.
3908	125.54-126.40	0.76	465	At 125.58 0.8 cm white calcite vein at 20° to CA with 2% fine grained Py and pale green silicate along vein edge. Coarse grained disseminated Py crystals to 2 cm from vein.
3909	126.40-127.27	0.87	nil	Prominent dark green chlorite fracture filling averaging 55° to CA. At 227.27 4 cm weakly chloritic fine grained grey-

				white calcite vein at 20° to CA. Vein stained mauve by KFC
				126.75-127.11 pervasive light-dark green chloritic alteration with 2% 0.5 mm white specks. Not stained by KFC. Calcite alteration from 126.26-126.75 and 127.64-127.95 stained mauve by KFC.
				126.99-127.06 6 cm grey to white fine grained calcite vein with 5% quartz masses and 15% chloritic fragments. Stained mauve by KFC.
3910	127.27-128.00	0.73	nil	Chloritic fracture filling to 127.60. Below 127.60 calcite fracture filling with minor yellow silicate.
	128.00-130.00	-		Minor white calcite fracture filling with minor yellow silicate.
				1% fine grained Py from 128.70-128.85 and 129.50-129.60.
130.00	END OF HOLE.			

Assay Summary 96-33

Sample No.	From To	Length	Au PPB
3740	49.45-50.00	0.55	5
3741	50.00-50.89	0.89	10
3742	62.78-63.77	0.99	15
3743	63.77-64.08	0.31	38
3744	64.14-65.14	1.06	35 (Av.)
3745	71.00-72.00	1.00	14
3746	72.00-73.00	1.00	17
3747	73.00-73.99	0.99	26
3748	73.99-74.40	0.41	14
3749	74.40-75.26	0.86	Lost
3750	75.26-75.96	0.70	9
3751	75.96-76.34	0.38	257 (Av.)
3752	76.34-76.84	0.50	nil
3753	76.84-77.74	0.90	17
3754	77.74-78.58	0.84	69
3755	78.58-79.38	0.80	15
3756	79.38-80.23	0.85	34
3757	80.23-80.86	0.63	92.5 (Av.)
3758	80.86-81.88	1.02	22
3759	81.88-82.78	0.90	3
3760	82.78-83.15	0.37	146
3761	83.15-84.84	1.69	14
3762	84.84-85.40	0.56	67
3763	85.40-86.00	0.60	51
3884	91.92-92.28	0.36	2
3885	95.00-95.66	0.66	10

Assay Summary (cont'd) 96-33

Sample No.	From	To	Length	Au PPB
3886	95.66	96.28	0.62	4405.5 (Av.)
3887	96.28	96.80	0.50	nil
3888	96.80	97.10	0.30	29
3889	97.10	97.55	0.45	58
3890	95.55	98.00	0.45	43
3891	98.00	98.67	0.67	36
3764	98.67	99.11	0.44	6274
3892	99.11	99.61	0.50	14
3893	101.41	101.93	0.52	134
3894	104.26	105.00	0.74	67
3895	108.00	108.66	0.66	2
3896	113.58	114.64	1.06	9
3897	114.64	115.28	0.64	17.5 (Av.)
3898	115.28	115.69	0.41	401
3899	115.69	117.00	1.31	46
3900	117.00	117.88	0.88	34
3901	117.88	118.23	0.35	108
3902	118.23	118.48	0.25	8240
3903	118.48	119.86	1.38	57
3904	119.86	120.88	1.02	21
3905	120.88	122.00	1.12	274
3906	122.00	122.61	0.61	975.5 (Av.)
3765	122.61	123.68	1.07	15806 (Av.)
3907	123.68	125.00	1.32	31
3766	125.00	125.54	0.54	6343
3908	125.54	126.40	0.76	465

Hole Number 96-33

Assay Summary (cont'd) 96-33

Sample No.	From	To	Length	Au PPB
3909	126.40	127.27	0.87	nil
3910	127.27	128.00	0.73	nil
130.00	END OF HOLE.			

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-34 Property: McGarry Township
Core Size: NQ Casing:
Coordinates: 13+37N, 20+06E
Depth: 121.07 m
Azimuth: 352°
Dip: -46°
Start Date: November 16, 1996
Finish Date: November 18, 1996
Drilled by Kosy Diamond Drilling
Logged By Douglas Robinson
All Measurements in Meters

Meterage

From	To	Description
0.00	4.79	OVERBURDEN
4.79	32.87	DIORITE, COARSE GRAINED, MAGNETIC. Medium green, massive, hard and strongly magnetic. 1X3 mm white feldspar grains dominant. Locally variable grain size with pyroxene crystals to 1X10 mm. Very weak yellow-green epidote alteration of groundmass. Stained very faintly mauve by Potassium Ferri Cyanide (KFC) Trace disseminated Py throughout. At 32.87 sharp natural lower contact with feldspar crystals projecting into fine grained diorite below. 32.07 3 cm fine grained diorite dike with coarse crystals of host projecting into the dike. Magnetic.

*Douglas
Robinson
Feb 15, 1997*

Contacts at 30° to CA.
 32.68-32.75 Fine grained diorite along side of core
 (Similar to 32.07 m.).

MINERALIZATION & ALTERATION.

SAMPLES	Au PPB		
6.47-7.00	-	-	3% fine grained disseminated Py and 2 mm quartz calcite seam at 00° to CA.
3771 10.17-11.17	1.00	633	10.70-11.26 3% fine grained disseminated Py.
11.86-12.49	-	-	1% fine grained disseminated Py.
3772 12.68-13.68	1.00	67	12.75-13.58 1-2% Fine grained disseminated Py in epidote alteration.
13.58-13.65	-	-	10% fine grained disseminated py in epidote alteration.
17.86-18.03	-	-	Nonmagnetic carbonate-epidote alteration at 60° to CA.
19.90-21.48	-	-	Moderate pervasive epidote alteration.
20.43-21.30	-	-	1-3% fine grain disseminated Py.
24.29-25.00	-	-	1% fine grain disseminated Py.
25.27-26.08	-	-	1% fine grained disseminated Py.
27.60-32.87	-	-	Reddish discolouration of feldspar and mafic minerals elongated (locally to 0.5X10 mm).

32.87 37.53 DIORITE, FINE GRAINED MAGNETIC.
 32.87-33.73 Pinkish green, massive fine grained diorite
 grading to fine grained diorite at 33.73 m.
 Very hard, magnetic.
 33.73-37.53 Fine grained uniform and massive light grey

felsic minerals and magnetite dominate. Magnetic.

56.33-58.32 Very fine grained dark green diorite phase

with gradational contacts

58.32-63.00 Patches of medium and very fine grained diorite to 0.50 metres with vague gradational boundaries at various angles.

MINERALIZATION & ALTERATION

	SAMPLES		Au PPB		
3773	34.00-35.85	1.85	38	34.20-33.40	4% very fine grained disseminated Py.
				35.18-35.69	2% very fine grained disseminated Py.
3774	35.85-37.16	1.31	58	36.71-37.16	3% very fine grained disseminated Py.

37.53 82.13 DIORITE, FINE GRAINED, MAGNETIC.
 Medium grained magnetic, hard.
 Similar to 4.49-32.87 except it is finer grained and has a highly variable grain size with gradational contacts various phases.
 Pale coloured minerals dominate.

MINERALIZATION & ALTERATION

Disseminated Py throughout with the pyrite being finest grained and most abundant in the finer grained phases.
 Weak epidote alteration of groundmass to 53.0 m.
 53.00-64.00 No epidote alteration. Rock is medium-dark green.

	SAMPLES		Au PPB		
	37.53-49.46	-	-		Pink discolouration of feldspars.
3775	38.65-39.35	0.70	24	38.98-39.24	3% very fine grained disseminated Py in fine grained grey diorite phase with vague contacts.
3776	40.40-41.38	0.98	444		Average of two. 40.43-40.52 3% fine grained disseminated Py in medium grained diorite.

				Au PPB	
				41.90-42.00	2% fine grained disseminated Py medium grained diorite.
3777	49.21-49.74	0.53	26	49.33-49.66	1-2% medium grained disseminated Py probably associated with 1.5 cm strong epidote alteration along slip at 70° to CA.
3778	53.61-54.55	0.94	58	53.62-53.84	3% fine grained disseminated Py.
				53.84-54.50	1% medium grained disseminated Py.
3779	56.63-58.00	1.37	34	57.70	Chloritic slip and calcite veining to 3 mm at 45° to CA.
3780	58.00-58.69	0.69	109	58.00-58.18	2% Py along healed fractures and as patches with 20% Py over 1 cm. Average of 2.
				58.67-58.75	Fine grained disseminated Py in medium grained diorite.
3781	58.69-59.86	1.17	33	58.75-58.80	Very fine grained diorite with no Py.
				58.80-58.85	medium grained Py in medium grained diorite.
				58.97 and 59.38	Medium grained Py in wall rock beside healed fractures.
	59.50-61.50	-	-		Minor fine grained disseminated Py.
3782	64.59-65.17	0.58	302	64.60-65.00	2% fine grained disseminated Py.
3783	65.17-65.48	0.31	38		Barren.
				65.22-65.30	Moderate to very strong epidote alteration.
3784	65.48-66.68	1.20	24	65.60-66.57	1-2% fine grained disseminated Py.
	66.25-68.00	-	-		3% 5 mm magnetite clots.
	68.08	-	-		0.2-1.0 cm coarse grained calcite in slip and minor parallel healed fracturing.

			Au PPB	
	68.25-68.67	-	-	1% medium-coarse grained disseminated Py.
3785	68.89-70.27	1.38	27	68.94-70.00 2% fine grained clustered Py.
3786	70.27-71.05	0.78	70	70.38-70.50 5% fine grained clustered Py. 70.90-71.00 2% fine grained disseminated Py.
3787	71.05-71.34	0.29	22	Barren.
3788	71.34-71.94	0.60	31	71.34-74.00 medium to pale grey silicification. Very hard. Primary igneous texture vague. Locally minor moderately soft calcite chlorite alteration. 71.68 0.4 cm fine grained white calcite stringer at 20° to CA.
3789	71.94-72.71	0.77	94	See sample 3788.
3790	72.71-73.14	0.43	577	Average of two. 72.90 1% Cpy disseminated in wall rock to stringers described below. 72.95 1 mm white calcite quartz stringer at 42° to CA. 73.02 5 mm white calcite quartz stringer at 42° to CA. Weak calcite-chlorite alteration with white specks.
	73.02-80.70	-	-	Numerous hairline grey-white calcite-quartz fracture filling.
	74.00-80.76	-	-	Moderately soft non-magnetic calcite alteration.
3791	73.14-73.86	0.72	111	Silicification.
3792	73.86-74.58	0.72	17	
3793	74.58-74.82	0.24	22937	74.66 2 cm calcite-quartz vein along strong slip. 2% Cpy, 48% hard dark grey quartz and 45% light grey fine grained calcite and 55 chlorite bands. Minor Py. Metallic assay. 0.5 mm speck of Visible Gold in chloritic fracture.

Au PPB

				74.00-75.00 Strong calcite alteration.
3794	74.82-75.17	0.35	21	Barren.
3795	75.17-75.64	0.47	105	75.20-75.36 0.5% Py and Cpy as fine grained patches.
3796	75.64-76.24	0.60	298	75.60-76.00 Slip at 05° to CA. Fine grained Py and trace Cpy in wall rock.
3797	76.24-76.84	0.60	99	Average of two. 76.40 Trace Cpy in chloritic slip at 00° to CA.
3798	76.84-77.45	0.61	1385	Barren.
3799	77.45-77.95	0.50	291	77.55-77.94 0.5% Cpy and 0.5% Py as patches scattered though core.
3800	77.95-78.48	0.53	2178	Average of two. 78.00-79.28 Moderately strong calcite-chlorite alteration. Hard and silicified. Primary igneous texture destroyed.
3801	78.48-78.96	0.48	7383	Average of three. 78.50-79.14 4% Cpy along healed fracture in very hard silicification. Primary igneous texture destroyed. 78.48-79.28 Eight pieces of core that fit together.

Box 14 dropped by drillers. The core was put together in Boxes 14a and 14b by appearance of core. Box 14a is arbitrarily 78.48-80.97 because this core is altered similar to core above. Box 14b is arbitrarily 80.97-83.90 as this core is not altered similar to the core below.

3802	78.96-79.28	0.32	62740	0.5 mm speck VISIBLE GOLD near patch of Cpy. Metallic assay.
3803	79.28-80.23	0.95	226	Four pieces of pieces of core that fit together.
3804	80.23-80.97	0.74	1857	80.23-80.70 One piece of core. Moderately altered

			Au PPB		with minor Py in weak shear banding at 32° to CA.
				80.70-80.76	One piece of core. Very weakly altered.
				80.76-80.97	One piece of core. Very weakly altered.
3805	80.97-81.97	1.00	1041	80.97-81.18	One piece of core. Very weakly altered.
				81.18-81.64	Two pieces of core.
				81.64-81.97	Two pieces of core.
				81.97-83.62	Thirteen pieces of core.
				83.62-83.90	Two pieces of core.

82.13 110.00 DIORITE, INTERCALATED MAGNETIC & NONMAGNETIC PHASES.

84.70-86.43 Equigranular non-magnetic diorite with 0.5-2 mm
equant
pale green feldspar grains in a dark green moderately hard groundmass.

86.443-88.25 Medium grained diorite of variable grain size.
Weakly silicified. Hard with vague igneous texture.
From 86.87-87.15 magnetic.

88.25-89.42 Equigranular non-magnetic diorite with 35% 0.5-3 mm
pale green equant feldspar grains in medium green groundmass. Moderately hard and not altered.

89.42-90.43 Medium grained diorite.
Silicified, Igneous texture destroyed. Medium grey, non-magnetic. Minor calcite fracture filling at 20° to CA.

90.43-91.53 Equigranular non-magnetic diorite similar to 88.25-89.42.

91.53-91.52 Fine grained magnetic diorite.
 91.52 Gradational into coarse grained diorite.
 91.52-96.21 Typical coarse grained magnetic diorite.
 96.21-96.56 Equigranular non-magnetic diorite.
 96.56-97.55 Weakly altered medium grained magnetic diorite.
 97.55-103.64 Typical coarse grained magnetic diorite.
 103.64-104.78 Typical non-magnetic equigranular diorite.
 104.78-106.83 Medium grained magnetic diorite.

Altered patchy silicification with chloritic alteration centred on 1.0-1.5 cm sheared calcite-chlorite vein at 30° to CA.

106.83-110.00 Pale green, coarse grained diorite.
 Soft and non-magnetic. Magnetite appears to have been destroyed by alteration. Vague igneous texture preserved.

ALTERATION AND MINERALIZATION.

3806	81.97-82.95	0.98	101	
3807	82.95-83.62	0.67	200	Average of two.
3808	83.62-83.90	0.28	839	Average of two.
3809	83.90-85.00	1.10	48	Barren.
3810	85.00-86.03	1.03	3	Barren.
3811	86.03-86.90	0.87	146	86.37-86.72 Wispy cherty grey quartz veining to 2 mm at 20° to CA with calcite in late fracturing. 1.2X3.0 cm massive coarse grain of Cpy and 1x1 cm mass of coarse

			Au PPB	
				grained Py in a quartz vein.
3812	86.90-88.51	1.61	62	88.00 4 cm calcite chlorite vein at 30° to CA in calcite alteration.
3814	88.51-89.70	1.19	nil	Trace Cpy. 89.42-90.43 Silicified, Igneous texture destroyed. Medium grey, non-magnetic. Minor calcite fracture filling at 20° to CA. 89.42 Minor Cpy at diorite phase change.
3815	89.70-90.50	0.80	nil	Minor calcite stringers.
3816	90.50-91.11	0.61	nil	Barren.
3817	91.11-92.03	0.92	3	Weakly altered.
3818	92.03-92.50	0.47	nil	Barren.
3819	92.50-93.00	0.50	19	92.80 0.3 cm healed chloritic fracture with minor Cpy.
3820	93.00-94.22	1.22	21	Fresh.
3821	94.22-94.67	0.45	30	Average of two. 94.36-96.21 Minor calcite fracture filling and weak alteration. 94.40 Trace Cpy in calcite fracture filling.
3822	94.67-95.38	0.71	22	Minor calcite fracture filling.
3823	95.38-95.63	0.25	33580	VISIBLE GOLD. Estimate 12000 PPB. Total pulp-metallics assay. 0.5 mm VISIBLE GOLD grain and several very small VISIBLE GOLD grains in a 4.0X0.5 cm lens of grey quartz at 30° to CA. Quartz lens does not exit either side of core. 1 mm grain of black malleable mineral 0.5 cm from gold grain.
Average	95.63-96.07	0.44	123570	VISIBLE GOLD & Cpy. Est. 85000 PPB Total pulp-metallics assays reported below.

Sample 3824 was 95.63-96.07 0.44 m 96.820 gm/tonne
 Sample #199 was a 0.4 cm piece of core removed from
 3824 for show at shareholders meeting. Grade 386.04
 gm/tonne

Total pulp-metallics assay

Sample	sample		Extension
	weight	grade	
	gm	gm/tonne	
#3824	494.16	96.820	47844.57
# 199	50.36	386.040	19440.97
Average	544.52	123.570	67285.54

95.82-95.86 Vague grey quartz veinlet pinching out
 without crossing core. Veinlet is cut
 by 3 mm fine grained massive Cpy with a
 0.5X1.0 cm patch of massive fine grained
 Py having three tiny grains of VISIBLE
 GOLD.

Removed from sulphides is a 1 mm grain
 of VISIBLE GOLD intergrown with grey
 malleable metallic mineral (Possibly a
 telluride). There are several tiny
 VISIBLE GOLD grains and grey metallic
 grains within 3 mm of the large gold
 grain.

A second 1 mm grey malleable metallic
 mineral grain has no visible gold.

3825 96.07-96.48 0.41 33 96.21-104.78 Fresh unaltered diorite.

				Au PPB	
3826	96.48-97.00	0.52	48	Fresh.	
3827	97.00-97.55	0.55	113	97.24-97.31	Moderate epidote alteration along 1.5 cm fine grained epidote band.
3828	97.55-98.77	1.22	22	Fresh.	
				98.26-98.46	Minor medium grained disseminated Py.
3829	98.77-100.00	1.23	46	Fresh.	
				99.78	Minor medium grained disseminated Py over 2 cm.
3830	100.00-101.18	1.18	10	Fresh.	
				100.18	Minor medium grained disseminated Py over 2 cm.
3831	101.18-102.64	1.46	139	Fresh	
3832	102.64-104.04	1.40	482	Fresh.	
				103.15	2.5 cm intense epidote alteration band at 55° to CA.
				103.48	Minor grained disseminated Py over 2 cm.
3833	104.04-104.94	0.90	961	Low angle fractures.	
				104.48	Minor grained disseminated Py over 3 cm.
3834	104.94-105.65	0.71	51	105.11	0.4 cm patch Cpy in on epidote fracture filling.
				105.30	0.5 cm Cpy in on epidote fracture
				105.61	Trace Cpy and Py.
3835	105.65-106.25	0.60	31	1.5 cm calcite-chlorite shear.	
3836	106.25-106.88	0.63	17	Minor chloritic calcite stringer at 0-20° CA.	
3837	106.88-107.88	1.00	17	106.83-110.00	Intense calcite-dolomite alteration. Soft and pale green throughout. 1% 1 mm pale angular (leucoxene?) specks. Minor white calcite veining to

				0.5 cm at 60° to CA. Stained prominent mauve by KFC.
3838	107.88-109.00	1.12	65	See 3837. Intense calcite alteration.
				108.04 4.5 cm opaque white dolomite-quartz vein at 40° to CA. 50% fine grained quartz in opaque white dolomite. Stained blue by KFC when pre-etched by 10% HCl, and mauve where not pre-etched by 10% HCl.
3839	109.00-110.00	1.00	nil	Intense calcite alteration.

110.00 112.50 DEFORMATION ZONE.

Strong sericite foliation at 60-90° to CA with apparent rotation around core axis. 60° to CA dominant.

Pale yellow sericite, chrome green fuchsite, grey-white calcite and medium-dark green chlorite foliation. Stained mauve by KFC where not pre-etched by KFC. Stained mauve where pre-etched by KFC.

20% unsheared blocks of diorite with strong microfracturing. Minor very fine grained Py on foliation planes.

ALTERATION AND MINERALIZATION.

3840	110.00-110.61	0.61	31	DEFORMATION ZONE. Trace Py.
3841	110.61-111.18	0.57	53	DEFORMATION ZONE. Trace Py.
3842	111.18-111.60	0.42	24	DEFORMATION ZONE. Trace Py.
3843	111.60-112.00	0.40	86	DEFORMATION ZONE. Trace Py.

111.79-111.93 Multi-stage quartz-dolomite vein banded by thin yellowish sericite in medium

grey, fine grained carbonate. 3 cm
coarse white quartz and 2 cm opaque
white dolomite with 10% quartz.

3844 112.00-112.50 0.50 51 DEFORMATION ZONE. Trace Py.

112.50 114.14 DIKE, STRONG SERICITE-CALCITE ALTERATION.

Aphanitic, locally very fine grained, pale buff unit with
general appearance of a chilled mafic dike.

Very soft. 20% diorite inclusions similar to 110.03-112.50.

Strong calcite-sericite alteration stained mauve by KFC.

Calcite veins to 0.3 cm parallel to foliation cut diorite
fragments and host dike. Pervasive dark green microfracturing.

Sharp natural upper contact at 60° to CA sub-parallel to
foliation above.

Sharp natural lower contact at 85° to CA.

ALTERATION AND MINERALIZATION.

3845 112.50-113.09 0.59 33 INTENSE CALCITE SERICITE ALTERATION.

3846 113.09-114.07 0.98 19 INTENSE CALCITE SERICITE ALTERATION.

114.14 121.07 DIORITE, SPOTTED NONMAGNETIC.

Medium green. 50% pale green feldspar clots to 1 mm and 50%
dark green chloritic mafic minerals including 3% 4 mm dark green
chloritic masses.

Non-magnetic, moderately soft. Weakly developed chloritic
fracturing.

ALTERATION AND MINERALIZATION.

3847	114.07-115.00	0.93	27	
3848	115.00-116.50	1.50	50	Weak chloritic alteration.
3849	116.50-118.00	1.50	1474	Weak chloritic alteration. 116.80 5 cm quartz vein with 40% yellow sericite at 25° to CA.
3850	118.00-119.50	1.50	51	Weak chloritic alteration.
3851	119.50-121.07	1.57	nil	Weak chloritic alteration.
Average	72.71-83.90	11.19	3129	
Average	74.58-81.97	7.39	4628	

121.07 END OF HOLE

Assay Summary 96-34

Sample No.	From	To	Length	Au PPB
3771	10.17	11.17	1.00	633
3772	12.68	13.68	1.00	67
3773	34.00	35.85	1.85	38
3774	35.85	37.16	1.31	58
3775	38.65	39.35	0.70	24
3776	40.40	41.38	0.98	444 (Av.)
3777	49.21	49.74	0.53	26
3778	53.61	54.55	0.94	58
3779	56.63	58.00	1.37	34
3780	58.00	58.69	0.69	109 (Av.)
3781	58.69	59.86	1.17	33
3782	64.59	65.17	0.58	302
3783	65.17	65.48	0.31	38
3784	65.48	66.68	1.20	24
3785	68.89	70.27	1.38	27
3786	70.27	71.05	0.78	70
3787	71.05	71.34	0.29	22
3788	71.34	71.94	0.60	31
3789	71.94	72.71	0.77	94
3790	72.71	73.14	0.43	577 (Av.)
3791	73.14	73.86	0.72	111
3792	73.86	74.58	0.72	17
3793	74.58	74.82	0.24	22937 Metallic Assay
3794	74.82	75.17	0.35	21
3795	75.17	75.64	0.47	105
3796	75.64	76.24	0.60	298

Hole Number 96-34

Assay Summary (cont'd) 96-34

Sample No.	From	To	Length	Au PPB
3797	76.24	76.84	0.60	99 (Av.)
3798	76.84	77.45	0.61	1385
3799	77.45	77.95	0.50	291
3800	77.95	78.48	0.53	2178 (Av.)
3801	78.48	78.96	0.48	7383 (Av.)
3802	78.96	79.28	0.32	62743 Metallic Assay
3803	79.28	80.23	0.95	226
3804	80.23	80.97	0.74	1857
3805	80.97	81.97	1.00	1041
3806	81.97	82.95	0.98	101
3807	82.95	83.62	0.67	200 (Av.)
3808	83.62	83.90	0.28	839 (Av.)
3809	83.90	85.00	1.10	48
3810	85.00	86.03	1.03	3
3811	86.03	86.90	0.87	146
3812	86.90	88.51	1.61	62
3814	88.51	89.70	1.19	nil
3815	89.70	90.50	0.80	nil
3816	90.50	91.11	0.61	nil
3817	91.11	92.03	0.92	3
3818	92.03	92.50	0.47	nil
3819	92.50	93.00	0.50	19
3820	93.00	94.22	1.22	21
3821	94.22	94.67	0.45	30 (Av.)
3822	94.67	95.38	0.71	22
3823	95.38	95.63	0.25	33566 Metallic Assay
199 & 3824	95.63	96.07	0.44	482884 Metallic Assays (Av.)
3825	96.07	96.48	0.41	33

Hole Number 96-34

Assay Summary (cont'd) 96-34

Sample No.	From	To	Length	Au PPB
3826	96.48	97.00	0.52	48
3827	97.00	97.55	0.55	113
3828	97.55	98.77	1.22	22
3829	98.77	100.00	1.23	46
3830	100.00	101.18	1.18	10
3831	101.18	102.64	1.46	139 (Av.)
3832	102.64	104.04	1.40	482
3833	104.04	104.94	0.90	961 (Av.)
3834	104.94	105.65	0.71	51
3835	105.65	106.25	0.60	31
3836	106.25	106.88	0.63	17
3837	106.88	107.88	1.00	17
3838	107.88	109.00	1.12	65
3839	109.00	110.00	1.00	nil
3840	110.00	110.61	0.61	31
3841	110.61	111.18	0.57	53
3842	111.18	111.60	0.42	24
3843	111.60	112.00	0.40	86
3844	112.00	112.50	0.50	51
3845	112.50	113.09	0.59	33
3846	113.09	114.07	0.98	19
3847	114.07	115.00	0.93	27
3848	115.00	116.50	1.50	50
3849	116.50	118.00	1.50	1474 (Av.)
3850	118.00	119.50	1.50	51
3851	119.50	121.07	1.57	nil
Average	72.71	83.90	11.19	3129
Average	74.58	81.97	7.39	4628

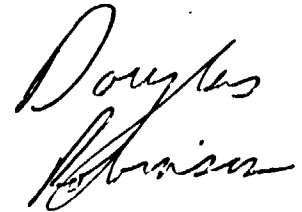
Hole Number 96-34

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-35 Property: McGarry Township
Core Size: NQ Casing: Pulled
Coordinates: 13+32N, 21+11E
Depth: 120.00 m
Azimuth: 352°
Dip: -43°
Start Date: November 18, 1996
Finish Date: November 20, 1996
Drilled By: Kosy Diamond Drilling. Logged By: Douglas Robinson
All Measurements in Meters

Meterage		Description
From	To	
0.00	73.25	DIORITE, NON-MAGNETIC
	0.00-55.00	Medium greenish grey, uniform and massive, medium grained 0.5 mm crystalline groundmass with 2-3% 2-4 mm dark green masses. Both the groundmass and dark green masses are moderately hard.
	41.00-49.00	Dark green patches are small to absent.
	55.00-73.25	Pale grey uniform and massive with 75% dirty grey feldspar to 1 mm in medium green groundmass. 1-3% 2-5 mm dark green patches. At 60.32-60.45, 60.53-60.63 and 60.91-60.98 very finer grained dikes at 40° to CA. Dike contacts are sharp natural and straight cutting across the igneous texture of the coarser grained host diorite. The dikes have thin pale green chills of dikes along their contacts.
	50.18-50.51	Dark green dike of very fine grained diorite with fine feathery feldspar and mafic mineral. Frozen contacts at



80 and 110° to CA.

68.20-68.48 Diorite dike similar to very fine grained dikes above.

Sharp natural upper contact at 40° to CA.

Sharp natural lower contact at 25° to CA.

ALTERATION AND MINERALIZATION.

0.00-55.00 Trace 0.5 mm Py grains throughout.

Stained pale mauve by KFC.

Stained vary pale blue when pre-etched by 10% HCl.

16.00-52.00 very competent ground. Slip spacing 30-120 cm.

Only very minor epidote alteration or fracture filling except as noted.

			Au PPB	
03	0.00-1.40	1.40	21	Minor hairline epidote fracture filling. 0.00-2.30 Bleached pale greenish white. 1.12-1.30 Pitted weathering of core along water seam at 1.25 (25° to CA.)
	2.23-4.00	-	-	Yellow coloured feldspar very hard.
	3.12-	-	-	Trace Py in 2.,0 cm epidote alteration band at 55° to CA.
04	7.00-9.18	2.18	17	7.02-7.14 Pitted weathering of intense epidote alteration band. 7.30 4 cm moderate epidote alteration along 0.5 cm band of intense epidote alteration. 7.55 1.0 cm open water seam (weathered) with epidote along the walls. 8.30-8.90 Moderate to strong epidote alteration with pitted weathering from 8.00-8.90.
	12.00-13.00	-	-	Minor grey silicification. Very hard.

			Au PPB	
	12.15-12.56	-	-	Rusty pitted weathering of moderate epidote alteration.
05	13.50-14.42	0.92	23	Average of two. 13.80-14.38 Rusty weathering of epidote.
	15.16	-	-	0.5 cm epidote alteration band.
06	15.65-15.89	0.24	117	15.78 0.5 cm white calcite fracture filling with 1% Cpy. No alteration.
07	16.45-17.01	0.56	14	16.55 0.3 cm white calcite fracture filling with minor Cpy. 16.92 0.4 cm white calcite fracture filling with 1% Cpy.
	17.59	-	-	1.0X2.0 cm rectangular white xenolith.
	21.24	-	-	2.0 cm moderately strong epidote alteration at 55° to CA.
08	23.49-25.00	1.51	17	Barren. Minor healed fractures. 24.32 0.8 cm quartz fracture filling at 45° to CA. 24.89 2.0 cm intense silicification band with 3% 0.5 mm disseminated Py and trace Cpy. Relict igneous texture preserved.
	27.33	-	-	1.0 cm quartz-epidote alteration band at 45° to CA.
	27.95	-	-	1.0 cm quartz-epidote alteration band at 20° to CA.
	28.54	-	-	0.5 cm quartz-epidote band at 50° to CA.
	30.70	-	-	Moderate silicification with moderate epidote alteration.
09	31.00-32.39	1.39	9	31.46 Moderate wispy epidote alteration and 0.4 cm of limonite in loose slip at 30° to CA.
	32.54	-	-	2.0 cm silicification band with weak epidote alteration.

				Au PPB
	33.25	-	-	0.5 cm silicification band with weak epidote alteration.
	34.68	-	-	0.5 cm silicification band with 2.0 cm moderate epidote alteration of wall rock.
	34.68-40.16	-	-	A few scattered minor fractures healed by silicification and weak epidotization.
10	40.00-42.02	2.04	10	40.16-42.00 5-10% chloritic alteration bands at 50° to CA and silicified epidote alteration (with calcite) at 70° to CA.
11	45.60-46.00	0.40	46	45.65-45.85 2.0 cm finely laminated alteration with 1% very fine grained disseminated Py. 1% Fine grained disseminated Py extends 3 cm beyond alteration. Hard
	46.40	-	-	4.0 cm medium grey silicified band.
	50.00-73.58	-	-	Minor disseminated Py in and near minor very hard to moderately hard chloritic silicified alteration bands with epidotization. Epidote become dominant below 60.00.
12	53.00-55.00	2.00	26	53.30 Trace Cpy, minor Py in 0.5 cm very hard dark green band at 55° to CA. 53.92 Trace Cpy, minor Py in 0.5-1.0 cm very hard dark green alteration band.
13	64.38-65.20	0.82	155	Average of two. 64.57-65.15 Pervasive whitish yellow epidote bleaching with minor chrome green fuchsite coloured patches and silicious healed fractures 55° to CA with coarse grained Py to 4 mm.

			Au PPB	
14	65.20-67.00	1.80	24	65.15-66.65 Patchy epidote bleaching and epidote fracture filling.
15	72.00-73.22	1.22	14	
73.25	77.32	ALTERATION-DEFORMATION ZONE		
Alteration of medium grained diorite unit above.				
Vague igneous texture preserved.				
Moderately soft to soft.				
Upper contact gradational over 1 cm.				
ALTERATION AND MINERALIZATION				
Intense pervasive patchy medium grey to pale yellow green carbonate-sericite alteration stained mauve by KFC. Minor sections stained blue by KFC.				
16	73.22-74.11	0.89	15	Competent ground. Calcite fracture filling.
17	74.11-74.35	0.24	3	74.11-74.16 20% vague patches of chrome green fuchsite alteration.
				74.16-74.24 9 cm fine grained grey calcite-quartz vein at 65° to CA. Grain reduced by shearing. Minor pitted weathering. Slip wall at 74.16.
				74.24-74.44 Minor vague chrome green fuchsite patches.
18	74.35-74.80	0.45	14	Competent ground.
				74.78-78.32 Very soft rusty bleaching.
19	74.80-76.00	1.20	2	75.35-76.00 Intermittent rusty sericite(?) foliation at 80° to CA.

			Au PPB	
20	76.00-76.57	0.57	2	Competent ground. 1 mm igneous texture preserved.
21	76.57-77.32	0.75	65	77.60-77.95 RUSTY FAULT. Ground broken to 1-3 cm sections.

77.32 85.58 BASALT, VERY FINE GRAINED, NON-MAGNETIC.
medium green, moderately hard, possibly pillowed non-magnetic
(Locally weakly magnetic below 82.00).
Stained blue by KFC before and after pre-etching by 10% HCl.

ALTERATION AND MINERALIZATION.

	77.32-81.48	-	-	Six 0.5 cm fine grained white calcite veins at 35° to CA and nine 0.3 cm fine grained white calcite fracture filling at 75085° to CA. No epidote alteration.
	77.32-81.48	-	-	Calcite alteration stained mauve by KFC
	81.48-85.58	-	-	Stained blue by KFC.
22	77.32-79.00	1.68	5	
23	79.00-81.48	2.48	14	78.48-81.50 0.5% wispy fine grained py.
24	81.48-81.95	0.47	nil	81.48-85.58 0.5% crude disseminated Py cubes to 4 mm in weak to moderate epidote alteration. 81.68-81.88 Dark green moderately hard chlorite alteration. 5% fine grained Py in very hard silicious grey patches crudely aligned at 55° to CA.
25	81.95-84.00	2.05	2	
26	84.00-85.58	1.58	nil	

85.58 86.30 ARGILLITE, SILICIFIED.
 Silicified argillite.
 Very hard, finely laminated black and dark green at 45° to CA.
 3% fine to medium grained disseminated Py.

ALTERATION AND MINERALIZATION

27 85.58-86.30 0.72 1.5 3% fine to medium grained disseminated Py.
 Average of two.

86.30 93.75 BASALT, PILLOWED, MAGNETIC.
 Medium green, moderately hard, magnetic basalt with prominent
 pillow selvages throughout.

ALTERATION AND MINERALIZATION.

Prominent stockwork of epidote alteration and minor epidote fracture filling.
 0.5% fine to coarse grained Py associated with pillow selvages, epidote alteration
 and healed fracture filling. Stained mauve by KFC.

			Au PPB	
28	86.30-87.81	1.51	7	
29	87.81-89.38	1.57	1572	
30	89.38-90.72	1.34	105	89.50-91.80 Trace Cpy.
31	90.72-91.65	0.93	48	
32	91.65-91.93	0.28	991.5	Prominent Cpy patches. Average of two.
33	91.93-93.10	1.17	161	Cpy.
34	93.10-93.77	0.67	576	93.19-93.55 4% wispy Cpy in thick chloritic pillow selvage.

93.75 99.10 DIKE, NON-MAGNETIC
 Medium brownish grey, fine grained, uniform and massive,
 moderately hard. 5% 3 mm chlorite flakes.
 Sharp frozen upper contact at 25° to CA. Minor white bleaching
 of basalt above upper contact.
 Sharp natural lower contact at low angle to CA. Minor Cpy in
 white bleached basalt below lower contact.

ALTERATION AND MINERALIZATION

Very weakly stained mauve by KFC.

Minor white fracture filling at 55° to CA.

35	93.77-94.59	0.82	15	93.82	1.5X2.5 cm patch of 30% Cpy passes through core.
36	98.00-99.00	1.00	26		Moderate pervasive brown hematization.

99.10 101.40 BASALT, PILLOWED, MAGNETIC.
 Medium green, moderately hard, locally magnetic basalt with
 prominent pillow selvages throughout.

ALTERATION AND MINERALIZATION.

Stained blue by KFC.

37	99.00-100.33	1.33	118		
38	100.33-101.40	1.07	954		Average of two.

101.40 104.45 DIKE.
 Similar to 93.75-99.10.
 Moderately hard.

101.40 Sharp natural upper contact at 60° to CA.

104.45 Sharp natural lower contact at 35° to CA.

ALTERATION AND MINERALIZATION.

39 101.40-102.00 0.60 3

104.45 120.00 BASALT, PILLOWED, NON-MAGNETIC.

Medium green, very fine grained prominent pillow selvages throughout. Moderately hard and non-magnetic.

ALTERATION AND MINERALIZATION

Stained dark blue by KFC.

104.45-118.00 Chlorite-calcite alteration and weak epidote alteration in pillow selvages in pillow selvages.

104.45-118.00 1% coarse crude Py crystals within pillow selvages.

111.00-120.00 Locally fine grained masses of Py to 1 cm in thickest pillow selvages.

40 104.36-105.18 0.82 122

50 105.18-105.28 0.10 3291.5 A single 0.5 mm pale yellow metallic speck in calcite alteration. Metallic Assay.

41 105.28-106.26 0.98 27

42 109.07-111.00 1.93 581 Average of two.

43 111.00-111.88 0.88 41 111.24 4.5X4.0 cm mass consisting of 80% medium grained Py.

111.24-111.90 5% fine grained Py as patches to 1.0 cm along chloritic pillow selvage at 00° to CA..

44	111.88-113.53	1.65	87	
45	113.53-114.97	1.44	144	113.70-114.00 Trace Cpy in calcite-chlorite pillow rim. Average of two.
				114.75 Trace Cpy in chloritic fracture filling.
46	117.37-118.77	1.40	259	
	118.00-120.00	-	-	Moderately soft chloritic alteration stained blue by KFC. 3% fine grained calcite fracture filling to 1.0 cm. 1% disseminated 1 mm Py cubes.

120.0 End of Hole

Assay Summary 96-35

Sample No.	From	To	Length	Au PPB
03	0.00	1.40	1.40	21
04	7.00	9.18	2.18	17
05	13.50	14.42	0.92	23 (Av.)
06	15.65	15.89	0.24	117
07	16.45	17.01	0.56	14
08	23.49	25.00	1.51	17
09	31.00	32.39	1.39	9
10	40.00	42.02	2.04	10
11	45.60	46.00	0.40	46
12	53.00	55.00	2.00	26
13	64.38	65.20	0.82	155 (Av.)
14	65.20	67.00	1.80	24
15	72.00	73.22	1.22	14
16	73.22	74.11	0.89	15
17	74.11	74.35	0.24	3
18	74.35	74.80	0.45	14
19	74.80	76.00	1.20	2
20	76.00	76.57	0.57	2
21	76.57	77.32	0.75	65
22	77.32	79.00	1.68	5
23	79.00	81.48	2.48	14
24	81.48	81.95	0.47	nil
25	81.95	84.00	2.05	2
26	84.00	85.58	1.58	nil
27	85.58	86.30	0.72	1.5 (Av.)
28	86.30	87.81	1.51	7
29	87.81	89.38	1.57	1572

Assay Summary (cont'd) 96-35

Sample No.	From	To	Length	Au PPB
30	89.38	90.72	1.34	105
31	90.72	91.65	0.93	48
32	91.65	91.93	0.28	991.5 (Av.)
33	91.93	93.10	1.17	161
34	93.10	93.77	0.67	576
35	93.77	94.59	0.82	15
36	98.00	99.00	1.00	26
37	99.00	100.33	1.33	118
38	100.33	101.40	1.07	477 (Av.)
39	101.40	102.00	0.60	3
40	104.36	105.18	0.82	122
50	105.18	105.28	0.10	3291.5 Metallic Assay.
41	105.28	106.26	0.98	27
42	109.07	111.00	1.93	580.5 (Av.)
43	111.00	111.88	0.88	41
44	111.88	113.53	1.65	87
45	113.53	114.97	1.44	144 (Av.)
46	117.37	118.77	1.40	259

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-36 Property: McGarry Township
 Core Size: NQ Casing: Left
 Coordinates: 13+89N, 20+60E
 Depth: 162.0 m
 Azimuth: 352°
 Dip: -43.5°
 Start Date: November 20, 1996
 Finish Date: November 23, 1996
 Drilled by Kosy Diamond Drilling
 Logged By Douglas Robinson
 All Measurements in Meters

Meterage		Description
From	To	
0.00	5.00	OVERBURDEN
5.0	107.80	DIORITE, COARSE GRAINED, NON-MAGNETIC, EQUIGRANULAR. Medium to light greenish grey, uniform and massive. 1 mm crystalline with 40-60% white feldspar in dark green chloritic groundmass. Prominent 3-4 mm dark green chlorite masses throughout. These chlorite masses are characteristic to this unit. This is the same unit as hole 96-34 from 114.14-121.07. 5.00-13.00 Medium green, uniform and massive. Mafic minerals dominant, 50% white feldspar crystals to 1 mm in dark green groundmass. 1% 3 mm dark green chlorite masses.

Douglas Robinson
 Feb 15, 1997

Hole Number 96-36

- 13.0-96.00 Feldspathic minerals dominant.
 Light grey. Approximately 50% white feldspar grains to 1 mm in a medium grey groundmass.
 3% 4 mm irregular dark green chloritic masses.
- 54.77-55.63 Medium grey uniform and massive fine grained with vague igneous texture. Very fine grained within 5 cm of contacts.
 Sharp natural upper contact at 50° to CA. Sharp natural lower contact at 60° to CA.
- 96.00-106.66 Dark green, moderately hard (very hard below 102.00). Feldspathic minerals dominant. 50% white feldspar grains to 2 mm in dark green groundmass. 3% 2-5 mm dark green chloritic patches.
- 106.66-107.80 similar to 96-00-106.66 but bleached pale green by weak sericitization. Moderately soft.

ALTERATION AND MINERALIZATION.

- 5.0-106.66 Very weakly stained blue by Potassium Ferri Cyanide (KFC) where pre-etched by 10% HCl; otherwise stained mauve.
- 10.00-13.00 - - Loose weathered fracture at 00° to CA with 0.5 cm flakey green chlorite.
- 23.50-30.00 - - Weakly broken ground with strong slips parallel CA and weakly weathered loose fractures at 55-60° to CA. Earthy chlorite on loose fractures.
- 30.00-34.50 - - Strongly broken ground with loose fractures having up to 0.5 cm white quartz.
 Earthy pale green chlorite on loose fractures at 60° to

Au PPB			
CA.			
Slip spacing 10 cm.			
Rock is weathered and bleached yellowish grey			
	46.10-46.60	-	- Weak wispy bands of fine grained yellow green alteration parallel slips with sugary quartz.
	46.60-48.90	-	- Bleached pale grey.
3852	48.86-50.92	1.96	393.5 Average of Two.
			48.90-49.86 Rusty water seam. Badly broken core. Dark green, soft and chloritic parallel vuggy fractures at 15-30° to CA. Locally foliated at 60° to CA. Quartz noted.
			49.86-52.10 Three low angle fractures.
3853	56.50-57.08	0.58	245 56.55-58.30 Minor fine Cpy grains in calcite seams at 00 and 70° to CA.
3854	57.08-57.62	0.54	nil Cpy.
3855	57.62-58.32	0.70	84 Cpy.
	61.66	-	- 2.0 cm quartz-calcite alteration band with 10% vague pale green epidote.
3856	62.27-62.58	0.31	3 62.46 3.0 cm quartz-calcite alteration band at 30° to CA. Trace Cpy and Py. Pale yellow green epidote fracture filling to 10 cm from band.
	68.68-81.00	-	- Pale yellow epidote fracture filling generally at 10-20° to CA.
	72.90-75.60	-	- Water seam. Broken core with earthy light green chlorite on slips. Core broken into 1-4 cm thick fragments with earthy surfaces.
	75.00	-	- 4.0 cm white quartz vein at approximately 45° to CA.

Hole Number 96-36

			Au	PPB	
3857	78.50-78.75	0.25	48	78.55-79.60	Strongest epidote alteration. 75.55 0.5 cm alteration band with 1% fine grained Py.
3858	79.34-79.62	0.28	17	79.50	3.0 cm fine grained grey silicification and pale yellow epidote alteration with 1% py and trace Cpy.
	85.40	-	-	-	1.5 cm white to apple green epidote alteration band.
	90.20	-	-	-	1.5 cm white to apple green epidote alteration band.
	92.20	-	-	-	0.8 cm coarse grained white calcite in strong slip.
	92.66-93.10	-	-	-	Brick red hematization cut by irregular pale green epidote alteration.
	93.02	-	-	-	4.0 cm rusty white vein with fine grained intergrowth of calcite and quartz. 50% calcite, 50% quartz. Strong slip walls.
	94.02-99.02	-	-	-	Minor sericite alteration along healed fractures at 00° to CA.
	97.77-97.86	-	-	-	Moderately strong apple green to medium grey sericitic silicification along slip at 60° to CA. Trace very fine grained Py.
	99.02-107.80	-	-	-	Minor healed fractures at various angles including 55° to CA.
3859	107.15-107.73	0.58	nil		Chlorite, sericite alteration & calcite fracture filling.

107.80 112.95 DEFORMATION-ALTERATION ZONE
 Variable deformation and alteration textures.
 Generally bleached pale grey sericitic-carbonate alteration

Hole Number 96-36

with vague to distinct igneous textures preserved. This alteration is cut by pervasive weak to strong sericitic foliation at 75-110° to CA.

Zone is centred on calcite quartz vein in intense alteration from 109.61-110.57. Patchy chrome green fuchsite noted.

107.13-108.52 Stained blue by KFC where pre-etched by 10% HCl.

108.52-114.00 Not stained by KFC or very weakly stained Mauve by KFC where pre-etched by 10% HCl. Below 114.00 stained blue by KFC where pre-etched by 10% HCl.

108.40-108.96 Moderate calcite alteration.

110.00-112.36 Moderate calcite alteration.

112.36-114.00 weak calcite alteration.

109.42-109.61 Minor prominent fuchsite in sericite foliation.

3860	107.73-108.46	0.73	43	Chlorite, sericite alteration.
	107.80			3 cm soft, strong, pale-dark green sericite -chlorite foliation with 1% wispy Cpy.
	107.93-108.05			strong dark green chlorite foliation with minor sericite plus 10% opaque white quartz patches to 3 mm thick.
	108.05-108.95			calcite alteration.
	108.05-108.52			Minor masses pyrite in sericite chlorite alteration.
3861	108.46-109.21	0.75	63	108.52 Minor Cpy along edge of 1.0 cm fine grained white calcite vein at 45° to CA.
	108.52-109.35			Pale grey sericite alteration dominates minor chlorite. Moderately soft. Stained pale mauve by KFC.

			Au PPB	
3862	109.21-109.61	0.40	632.5	109.35-109.42 Wispy calcite-quartz veining at 50-75° to CA and 1% coarse grained disseminated Py in wall rock inclusions. Average of 2.
3863	109.61-110.04	0.43	685.7	Total pulp metallics assay. 109.61-110.02 grey fine grained carbonate-quartz with fine grained quartz dominates over massive cherty quartz. Wispy sericite prominent. 109.61-109.75 0.5% Cpy, 0.5% Py and two tiny specks VISIBLE GOLD(?)
3864	110.04-110.32	0.28	111	110.02-110.32 strongly silicified as cherty grey silica replacing sericite alteration. 110.10-110.32 5% fine grained Py masses.
3865	110.32-110.65	0.33	nil	110.32-110.57 Cherty grey quartz and fine grained white calcite veining.
3866	110.65-111.50	0.85	10	110.57-112.95 Silicified and sericitic. Strongly bleached to pale green, moderately soft-moderately hard.
3867	111.50-112.35	0.85	5	Silicification. 5% calcite fracture filling. 112.27 2.5 cm fine grained calcite vein at 60° to CA. 10% wispy sericite foliation.
3868	112.35-112.95	0.60	9.5	Silicification. Minor calcite fracture filling. 112.71 0.8 cm white calcite-quartz vein at 50° to CA. Average of two.

112.95 115.85 DIORITE, NON-MAGNETIC ALTERED.

Hole Number 96-36

Pale grey altered diorite. Chloritic and non-magnetic.

ALTERATION AND MINERALIZATION.

3869	112.95-114.00	1.05	7	Pale grey chloritic alteration.
3870	114.00-115.76	1.76	14	Weak alteration. Minor Py. 114.80-114.90 5 cm coarse grained white calcite patch filling minor dilation at 30° to CA.

115.85 127.50 DIORITE, NON-MAGNETIC, ALTERED.
Medium to pale grey with pale grey sections hard and silicified. 4 mm chlorite masses locally preserved. The igneous texture is vague due to alteration. Carbonate-quartz fracturing at low angle to CA.

ALTERATION AND MINERALIZATION.

Variable silicification overprinting (chloritic alteration?)

	114.00-120.00	-	-	Minor Py in and along calcite fracture filling.
	120.00-127.50	-	-	Minor medium grained disseminated Py concentrated along weak chlorite fracture filling and weak pale grey silicification bands. Py <5% overall with concentrations to 2% over 10.0 cm lengths.
3871	115.76-116.65	0.85	2	0.5% Py in fractures.
3872	116.65-117.77	1.12	205	2% coarse grained Py in silicious fracture fillings. Average of two.
3873	121.47-122.43	0.96	15	1-2% disseminated medium-coarse grained Py.

Hole Number 96-36

121.53 1.0 cm white alteration band with 30% fine grained fine grained masses of Py plus 3% medium grained disseminated Py over 4.0 cm of wall rock.

121.55-122.43 1-2% medium to coarse grained disseminated Py in patchy grey silicification.

3874 122.43-123.65 1.22 139 3% fine-medium grained Py in weak sericitic alteration.

127.50 129.39 DIORITE(?), DIKE.

Dark greenish grey, massive and crystalline dike. Moderately hard. Aphanitic at contacts grading to feathery medium grained crystalline plagioclase and mafic crystals to 1.5 mm long.

128.65-128.95 Variable texture, possibly an absorbed xenolith
Sharp natural upper contact at 40° to CA.
Sharp natural lower contact at 60° to CA rotated 90° relative to contact at 127.50.

129.39-130.30 0.3-2.0 cm aphanitic pale green dikes.

129.39 162.00 DIORITE, NON-MAGNETIC.

Medium green with patchy sections of medium grey bleaching. Uniform and massive 1 mm crystalline with equigranular feldspar and 3% 3-4 mm dark green patches.

ALTERATION AND MINERALIZATION.

1% white to pale yellow alteration bands (epidote) to 1 cm and minor healed quartz-carbonate fracture filling. Weakly stained mauve by KFC without pre-etching with 10% HCl. Locally stained pale blue after pre-etch with 10% HCl. Trace background disseminated Py throughout.

	136.07	-	-	1.0 cm fine grained white silicification band with 0.5 cm patch of fine grained Py. Also minor coarse grained Py near band.
	136.67-136.74	-	-	Bleached pale grey with 1% fine grained Py masses to 4 mm and minor fine grained pale green streaks.
3875	139.00-140.50	1.50	5	139.10-140.42 4% calcite-quartz alteration bands and fracture filling with trace fine grained disseminated Cpy in calcite.
3876	144.00-145.90	1.90	nil	144.14 Trace Cpy in 3 mm calcite fracture filling at 65° to CA. 145.25 Trace Cpy in 0.7 cm calcite-chlorite vein along slip at 45° to CA. 145.75 Trace Cpy in irregular 3 mm calcite fracture filling.
3877	153.29-154.91	1.72	15	1.5 cm white silicification band at 70° to CA. Trace fine grained Cpy. 153.89-157.60 5% low angle to CA calcite veining with 2 mm patches of Py along edges of veining. Weak bleaching and weak calcite-chlorite-sericite alteration.
3878	154.91-155.00	1.09	117	Trace Cpy & minor Py in calcite veining.
3879	155.00-157.60	1.60	437	Py in calcite veining. Average of two.

158.93-162.00 - - 0.5-2.5 cm banding of dark green and white silicates with 15% white calcite. Barren of sulphides.

162.00 END OF HOLE

Assay Summary: Hole 96-36

Sample No.	From	To	Length	Au PPB
3852	48.86	50.92	1.96	393.5 (Av.)
3853	56.50	57.08	0.58	245
3854	57.08	57.62	0.54	nil
3855	57.62	58.32	0.70	84
3856	62.27	62.58	0.31	3
3857	78.50	78.75	0.25	48
3858	79.34	79.62	0.28	17
3859	107.15	107.73	0.58	nil
3860	107.73	108.46	0.73	43
3861	108.46	109.21	0.75	63
3862	109.21	109.61	0.40	682.5 (Av.)
3863	109.61	110.04	0.43	685.7
3864	110.04	110.32	0.28	111
3865	110.32	110.65	0.33	nil
3866	110.65	111.50	0.85	10
3867	111.50	112.35	0.85	5
3868	112.35	112.95	0.60	9.5 (Av.)
3869	112.95	114.00	1.05	7
3870	114.00	115.76	1.76	14
3871	115.76	116.65	0.85	2
3872	116.65	117.77	1.12	205 (Av.)
3873	121.47	122.43	0.96	15
3874	122.43	123.65	1.22	139
3875	139.00	140.50	1.50	5

Hole Number 96-36

Assay Summary (cont'd.) 96-36

Sample No.	From	To	Length	Au PPB
3876	144.00-145.90		1.90	nil
3877	153.29-154.91		1.72	15
3878	154.91-155.00		1.09	117
3879	155.00-157.60		1.60	437 (Av.)

Hole Number 96-36

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-37 Property: McGarry Township

Core Size: BQ Casing: Left

Coordinates: 14+84N, 20+49E

Depth: 247.0 m.

Azimuth: 352°

Dip: -60°

Start Date: November 24, 1996

Finish Date: November 29, 1996

Drilled By: Kosy Diamond Drilling

All Measurements in Meters

Meterage

From	To	Description
0.00	13.20	OVERBURDEN.
13.20	58.60	BASALT, DIORITIC, MEDIUM GRAINED MAGNETIC
	13.20-48.00	Dark green, medium grained with 3-20% dark green mafic masses. Magnetic. This unit is more mafic and darker green than diorite in hole 96-16 to the south.
	48.00-58.60	Dark green fine-medium grained massive hard and magnetic. Mafic masses absent.
	48.75-49.81	Coarse grained phase. 20% 2X5 mm augite crystals in fine grained groundmass.

ALTERATION AND MINERALIZATION.

	13.20-58.60	-	-	Weakly stained blue by potassium ferri cyanide (KFC) where pre-etched by 10% Hcl & very weakly stained pale blue where not pre-etched. Minor pale yellowish hairline fracture fillings.
3912	16.00-17.00	1.00	17	16.46-16.62 Intense pale green epidote alteration band at approximately 75° to CA. Alteration has 10% quartz masses to 2 cm & trace tiny Cpy grains.
	16.62-19.85	-	-	Locally weak epidote alteration as medium green bleaching. 1% pale green hairline fracture filling at 70° to CA. Rare specks Cpy in epidote.
	19.45	-	-	3 mm ochre-yellow and 3 mm coarse white calcite with minor Cpy in slip at 60° to CA.
	23.75-23.79	-	-	3.0 cm calcite epidote band at 80° to CA. 50% calcite, 20% chloritic fragments and 30% apple green epidote. Rare specks Cpy.
3913	26.00-26.45	0.45	43	26.33 4 mm calcite epidote fracture filling with 1.0 cm of wall rock alteration with 1% Cpy.
3914	28.36-29.08	0.72	277	28.53-29.48 3% pale green epidote fracture filling at 70-85° to CA and locally pale green epidote alteration of groundmass. Average of two.
3915	29.08-29.54	0.46	55	29.15 Hairline fracture filling to 1.0 cm epidote with 25% calcite (concentrated in centres) at 80° to CA with 1% Cpy and 1% Py (in fractures). 29.43 0.5-1.0 cm epidote seam with 50% grey calcite,

			Au PPB			
					10% medium grained Py and 1% fine grained Cpy.	
3916	30.98-31.58	0.60	27	31.00-33.07	Chloritic alteration.	
				313.66-32.74	Strong chloritic alteration.	
					Medium green, very fine grained, massive, moderately soft, igneous texture destroyed.	
					Alteration strongest near calcite stringers. White specks within 2 cm of stringers. No epidote in chlorite alteration zone.	
					Calcite stringers stained mauve by potassium ferri cyanide (KFC).	
3917	31.58-32.81	1.23	926.5	31.69	3 mm dark grey calcite stringer at 65° to CA.	Av. of 2.
				31.89	4 mm pale grey calcite stringer at 60° to CA.	
				32.01	10.0 mm grey to green calcite vein.	
					Minor medium grained Py and trace Cpy.	
				32.10	Minor Py in fracture filling at low angle to CA	
				32.28	4 mm pale grey calcite stringer at 70° to CA.	
				32.54	1.0 cm fine grained grey calcite stringer.	
					Trace very fine grained sulphides.	
3918	32.81-34.00	1.19	36	33.69	1.0 cm fine grained grey calcite stringer.	
					Rare tiny specks Py.	
				33.74	3 mm grey calcite stringer.	
					Note. Calcite stringers from 31.69-33.74 are at random orientation.	
3919	34.00-35.00	1.00	39	34.04	0-4 mm white calcite in late fracture.	
				34.37 & 34.63	Calcite to 0.5 cm in epidote fracture fillings at 30° to core axis.	

Hole Number: 96-37

Au PPB				
3920	36.79-38.00	1.21	82.5	36.83 Minor Cpy in 1.0 cm grey calcite stringer at 50° to CA. Average of two. 37.30-37.80 0.3 cm calcite epidote seam with trace Cpy at 0°.
3921	42.70-44.00	1.30	24	43.32-43.40 8.0 cm very coarse grained calcite snow white vein calcite vein at 65° to CA. Vein stained mauve by KFC. 10.0 cm of dark green chlorite alteration below vein only. Minor epidote in chlorite alteration.
3922	44.00-45.13	1.13	40.5	Trace Cpy. Average of two. 44.81-44.86 Patch calcite-epidote alteration.
3923	45.13-46.40	1.27	41	45.20 5% Cpy in rounded two dark green patches with pale green rimming outside patches. 45.64 1.0 cm chlorite alteration band at 45° to CA. 45.90 2.0 cm dark green patches with 10% Cpy. 46.18 3 mm calcite seam with trace Cpy and 3 mm pink feldspar alteration along both walls.
3924	48.74-49.00	0.26	26	48.87-48.90 15% Cpy in several 4 mm dark green patches rimmed by thin pale green alteration (not augite crystals).
	50.73	-	-	1-2 mm yellow fracture filling with 50% fine grained Py (at 50° to CA).
	51.00-52.16	-	-	Trace Py on low angle fractures.
	52.15	-	-	2 mm Py-chlorite fracture filling at 45° to CA.
0436	54.08-55.45	1.37	43	Minor epidote fracture filling.
3925	55.45-56.63	1.18	514	55.96 0.67 cm white calcite stringer with one slip

			Au PPB		
					wall at 40° to CA. 2% 2-4 mm disseminated Py cubes within 5.0 cm of stringer.
3926	56.63-57.84	1.21	3280	56.70-57.80	Minor Cpy in low angle epidote fracture filling. Average of two.
0437	57.84-59.00	1.16	21		

58.60 61.92 FELDSPAR PORPHYRY
 15% 0.5-2 mm white feldspar phenocrysts and rare 3 mm equant white feldspar phenocrysts, 2% dark green mafic xenoliths and 5% fresh black augite phenocrysts in dark green groundmass. Very hard.
 Upper contact is sharp natural frozen and irregular at 30° to CA.
 Lower contact is sharp natural frozen and straight at 50° to CA.

ALTERATION AND MINERALIZATION.

Moderate hematization and weak epidotization. Not stained by KFC.

61.92 65.23 BASALT, MASSIVE, MEDIUM GRAINED.
 Similar to 48.00-58.00. Dark green fine-medium grained massive hard and magnetic.

ALTERATION AND MINERALIZATION.

Minor pale green fracture filling at 65° to CA. Stained blue by KFC.

Au PPB

3927 61.58-62.00 0.42 336 61.67 4.0x2.0 cm xenolith. Dark green chloritic
with 2% Cpy.
61.94-61.97 Minor Py and trace Cpy.

65.23 66.03 FELDSPAR PORPHYRY
Similar to 58.60-61.92.
Sharp, natural, frozen upper contact at 25° to CA.
Lower contact along slip at 55° to CA.

ALTERATION AND MINERALIZATION.

Moderate hematization. Not stained by KFC.

66.03 86.10 BASALT, MASSIVE
Dark green, fine grained, massive, moderately hard and magnetic.

ALTERATION AND MINERALIZATION.

Stained blue by KFC.

66.03-74.00 - - Minor pale green fracture filling.
74.00-86.10 - - <1% pale green epidote-calcite
fracture filling commonly at 70
and 25° to CA.

3928 78.07-78.51 0.44 2 78.25-78.40 Moderate to strong chlorite alteration
focused on 1.5 cm fine grained white to
pale green calcite-epidote vein. Trace

			Au PPB		
					Py in vein. 0.5 mm white specks (leucoxene) in chlorite alteration. 10% pale green epidote fracture filling with epidote alteration cutting chlorite alteration.
3929	78.51-79.33	0.82	9	78.40-79.16	4% calcite-epidote stringers with minor Py and Cpy at 55-75° to CA.
3930	83.00-84.28	1.28	15	83.00-86.10	2-3% epidote-calcite fracture filling locally with trace to minor Py.
3931	84.28-85.35	1.07	2		Trace Py.
3932	85.35-86.10	0.75	nil	85.38-86.10	Trace Cpy.

86.10 97.91 CHLORITE ALTERATION ZONE; BASALT
 20% soft dark green specks in soft medium green groundmass (dark green overall). Uniform and massive, soft to moderately soft. Non-magnetic.
 Upper contact gradational and arbitrary.

Lower contact along tight quartz-hematite vein at 58° to CA.

ALTERATION AND MINERALIZATION.

As described above.

Minor hairline calcite fracture filling throughout

86.10-86.73	-	-	0.3% Cpy along chloritic fractures. Weak shear at 35° to CA.
86.24-86.53	-	-	Brecciated with 15% barren fine grained white calcite breccia filling.

		Au PPB		
86.78-87.95	-	-	-	86.78-87.95 STRONG FAULT. (Probably 0.3 m lost core as measured from 86.00-89.00 metres). From 86.78-86.90 10% coarse white calcite breccia filling. From 86.90-86.94 intense pale grey silicification (50° to CA) with later chloritic fracture filling. From 86.94-87.95 intense friable chlorite schistosity at 80° to CA with 34.0 cm very intense friable chlorite at 30° to CA between 87.00-87.34. At 87.34 green mud at 80° to CA?
87.95-92.00	-	-	-	Generally broken ground. 3.0-7.0 cm lengths to 90.70 and 12 cm lengths below 90.70.
92.00-104.00	-	-	-	Average 12 cm slip spacing.
89.00-92.00	-	-	-	Approximately 0.2 m ground core? (probably between 89.00 & 90.00)
3933	89.00-90.71	1.71	nil	89.00-89.80 10% white quartz as breccia and fracture filling. 89.50-90.62 30% quartz veining in strong chlorite schist at 60° to CA.
	92.55-92.80	-	-	15% quartz veining at 25 and 28° to CA.
3934	93.50-95.00	1.50	3	93.71-93.99 8.0 cm quartz vein at 25° to CA. 5% chloritic inclusions and 5% calcite fracture filling.
	95.95-96.40	-	-	Breccia with 20% breccia filling. Mixed fragments

with most fragments identical to host rock. Eight hard red hematite and a few very fine grained chloritic fragments.

91.91 - - 0.8 cm quartz hematite vein at 58° to CA along lower contact of chlorite alteration.
3 mm white calcite at 50° to CA then
2 mm red hematite, then 3 mm white quartz, then
1.5 mm black specular hematite, then rock below.

97.91 104.37 BASALT, FINE GRAINED MASSIVE.

97.91-102.00 Moderately magnetic. Medium-dark green, fine grained, uniform and massive, and moderately hard gradational into

102.00-104.37 Non-magnetic chlorite alteration. Dark green, fine medium grained, uniform and massive, moderately soft.

20% 1 mm soft dark green specks in soft medium green groundmass. Dark green overall.

ALTERATION AND MINERALIZATION.

Chloritic alteration described above. Epidote absent.

1-2% 2-3 mm calcite fracture filling at 65, 25 and 00° to CA.

102.59-102.64 - - 4.0 cm quartz vein at 45° to CA.
20% breccia inclusions.

104.05-104.37 - - 2-3% mixed hematized syenite, chloritic basalt, and pale grey silicified rock in white quartz-calcite breccia filling. Wall rock is silicified.

104.37 118.27 SYENITE.

Brick red, uniform and massive and fine grained with 3% black augite phenocrysts. Moderately hard. 1% moderately soft rounded mafic xenoliths to 2.0 cm.

Upper contact sharp at 60° to CA against silicification above. Lower contact gradational into chlorite alteration below.

ALTERATION AND MINERALIZATION.

Epidote absent. Pervasive strong hematization throughout. Barren of sulphides. 1% white calcite-quartz fracture filling with 40° to CA dominant. Stained pale mauve by KFC.

3935	105.54-107.00	1.46	nil	Barren character sample.
	111.62	-	-	1.5 cm opaque white quartz vein at 50° to CA.

118.27 138.70 BASALT, MEDIUM GRAINED MASSIVE.

Dark green, uniform and massive, soft to moderately soft. Non-magnetic.

121.80-125.90 Moderately magnetic and moderately hard.

ALTERATION AND MINERALIZATION.

Moderate to strong pervasive chloritic alteration with tiny white specks (leucoxene). Prominent chlorite fracturing at 25° to CA. <0.5% calcite fracture filling.

Stained blue by KFC.

Au PPB

3936	122.00-123.50	1.50	nil	122.00-123.70	Prominent calcite fracture filling to 5 mm at 00-20° to CA. Trace Cpy in calcite. From 123.00-123.30 Black and red hematite in 3 mm calcite fracture filling at 00° to CA. At 123.44 2.0X2.0X0.2 cm Cpy fracture filling between two calcite fracture fillings.
3937	123.50-124.88	1.38	19		
3938	124.88-125.72	0.84	77		Cpy in fracture at 00° to CA..
3939	125.72-127.22	1.50	21		Barren character sample.

138.70 149.60 FELDSPAR PORPHYRY.

138.70-141.20 Chloritic feldspar porphyry(?)

Medium grey with weakly defined pinkish spots to 3 mm.

Fine grained massive and moderately soft (possible feldspathization).

141.20-149.60 Pale pinkish.

20% 1 mm orange feldspar phenocrysts, 1% 3 mm orange feldspar phenocrysts and 3% flat black phenocrysts in a fine grained pinkish grey groundmass. Moderately hard, uniform and massive.

138.70 Sharp natural contact at 40° to CA with chilled appearance against rock above.

149.60 Lower contact vague.

ALTERATION AND MINERALIZATION.

Chloritic above 141.20. Weak silicification below 141.20 obscures outlines of phenocrysts. Very weakly stained blue by KFC.

Au PPB

3940 139.83-141.28 1.45 5 Barren. Character sample.

149.60 159.64 BASALT, MEDIUM GRAINED MASSIVE.

Dark green, Medium grained, uniform and massive. Moderately soft. 5% 0.5 mm dark green chloritic spots and 2% very fine white specks (leucoxene) in pervasive strong chlorite alteration. Non-magnetic. Prominent chlorite slips. Stained blue by KFC.

ALTERATION AND MINERALIZATION.

Alteration as described above.

3941 152.69-154.15 1.46 2 151.77-154.77 Barren chlorite.

Very fine grained, dark green, soft to very soft, uniform and massive.

153.23-153.45 Chloritic schistose shear at 30° to CA with 2.0 cm of flakey gouge.

158.46-159.64 - - Strong chlorite slip at 00-35° to CA.

159.64 160.15 FELDSPAR PORPHYRY.

3942 159.64-160.15 0.51 5

160.15 162.12 BASALT, CHLORITIC.

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162.12 164.13 FELDSPAR PORPHYRY.

Au PPB

3943 162.12-164.13 2.01 nil

164.13 193.37 BASALT, VERY FINE GRAINED MASSIVE.

3944	164.13-165.70	1.57	10	Py.
3945	165.70-166.69	0.99	nil	Cpy in calcite fracture filling.
3946	166.69-167.00	0.31	117.5	Cpy fracture filling & Cpy in disseminated patches. Average of two.
3947	167.00-168.26	1.26	19	Trace Cpy in calcite fracture filling.
3948	168.26-169.29	1.03	1111.5	From 168.26-168.46 prominent Py invading wall rock from fracture at 0° to CA. Average of two.
3949	169.29-170.00	0.71	34	
3950	170.00-171.00	1.00	12	
3951	171.00-172.09	1.09	77	
3952	172.09-172.36	0.27	nil	
3953	172.36-173.68	1.32	19	
3954	173.68-174.50	0.82	38	
3955	174.50-176.00	1.50	561.5	Average of two.
3956	176.00-176.84	0.84	45	
3957	176.84-177.49	0.65	2	
3958	177.49-178.72	1.23	10	
3959	178.72-180.18	1.46	12	
3960	181.18-182.00	1.82	9	
3961	182.00-183.00	1.00	5	
3962	183.00-183.82	0.82	24	
3963	183.82-184.65	0.83	278	Average of two.

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Au PPB

3964	184.65-185.88	1.23	67
3965	185.88-187.34	1.46	7
3966	187.34-188.73	1.39	15
3967	188.73-190.21	1.48	25 Average of two.
3968	190.21-191.58	1.37	29
3969	191.58-193.37	1.79	9

193.37 196.06 BASALT, CALCITE ALTERATION, FINE GRAINED MASSIVE.

3970	193.37-194.37	1.00	12.5 Average of two.
3971	194.37-196.06	1.69	163

196.06 230.85 ALTERATION ZONE-DEFORMATION ZONE.

Intense pervasive alteration throughout stained blue by KFC except as noted. No epidote.

190.06-200.11 Intense pervasive pale yellow Fe-carbonate-sericite alteration with intense network of closely spaced microfractures. moderately soft, fine grained uniform and massive. Trace disseminated Py to 2 mm. Carbonate alteration cuts Py grains.

211.11-202.00 Deformation zone (similar to 190.06-200.11) with coarse healed medium grey fracture filling and locally sericitic foliation.

202.00-204.44 20% Pale yellow-brown sericite foliation at 00-20° to CA cutting pale grey, coarse grained Fe-carbonate (possibly 40° to CA) and small Fe-carbonate eyes in sericite foliation. Moderately soft to hard.

204.44-218.05 Deformation zone.

75% blocks of coarse grained (volcanics?) with pervasive Fe-carbonate and intense Fe-carbonate-sericite alteration with 1% 1 mm red hematite grains. Pale yellow green with 1 mm relict (igneous?) texture. 25% of rock is buff Fe-carbonate bands and patches. Rock cut by sericitic foliation at 00-25° to CA. Prominent chrome green fuchsite along edges of Fe-carbonate bands.

218.05-224.00 Intense Fe-carbonate alteration-sericite alteration. 1 mm Igneous texture preserved. Pale grey-green and moderately soft with pervasive healed microfracturing and irregular medium green healed fracturing. Locally minor red coloration on some medium green fractures. Minor Fe-carbonate fracture filling to 3 mm. 1-2% 1 mm black to red hematite grains.

224.00-230.85 Similar to 218.05-224.00 but with intense calcite alteration stained mauve by KFC. Medium green throughout. Scattered very fine grained, pale pink calcite stringers to 0.3 mm at 90° to CA.

			Au PPB	
3972	196.06-197.23	1.17	19	
3973	197.23-198.65	1.42	36	
3974	198.65-200.11	1.46	21	
3975	200.11-201.66	1.55	724	Average of two.
3976	201.66-203.13	1.47	98	201.80 minor Py and secondary Py in minor chlorite band.
3977	203.16-203.74	0.61	110	
3978	203.74-204.22	0.48	117	

			Au PPB	
200	204.22-204.44	0.22	119212	VG Estimated 140000 ppb. Metallic Assay.
3979	204.44-204.99	0.55	324	
3980	204.99-206.00	1.01	9	
3981	206.00-207.45	1.45	26	
3982	207.45-208.90	1.45	12	
3983	208.90-210.75	1.85	9	
3984	210.75-210.98	0.23	8	Average of two.
3985	210.98-211.77	0.79	630	Average of two.
	211.77-212.07	0.30		203.00-218.00 approximately 0.30 metres lost Core. Location arbitrarily placed at 211.77-212.07 for sampling purposes.
3986	212.07-213.53	1.46	10	
3987	213.53-215.00	1.47	nil	
3988	215.00-216.38	1.38	21	
3989	216.38-216.85	0.47	43	
3990	216.85-218.19	1.34	12	
3991	218.19-219.13	0.94	33	219.10 5.0 cm Fe-carbonate vein at 30° to CA. Strong sericitic slip walls
3992	219.13-220.55	1.42	21	
3993	220.55-221.87	1.32	3	
3994	221.87-223.37	1.50	7	
3995	223.37-224.00	0.63	11	Average of two.
3996	224.00-224.76	0.76	15	
3997	224.76-226.29	1.53	5	
3998	226.29-227.67	1.38	22	
3999	227.67-229.29	1.62	28.5	Average of two.
4000	229.29-230.85	1.56	19	

230.85 247.00 BASALT, DIORITIC.

Possible Diorite similar to bottom of hole 96-16.

1 mm crystalline as 60% white feldspar crystals in dark green groundmass of (altered mafic minerals). Medium green and moderately hard.

ALTERATION AND MINERALIZATION.

5% very fine grained pale yellow-green calcite-epidote alteration bands with 80° to CA dominant.

01	230.85-233.00	2.15	34.5	Average of two.
02	244.00-245.28	1.28	31	5% calcite epidote alteration bands with trace Py and Cpy.
				145.15 2.0 cm barren white calcite vein at 30° to CA.
				calcite cleavages to 0.5 cm.
				4.0 cm weak epidotized bleaching.
	246.28-247.00	-	-	No alteration bands.
	247.00			Last tag reads 245.00 but should probably read 247.00
247.00	END OF HOLE.			

Assay Summary: 96-37

Sample No.	From	To	Length	Au PPB
3912	16.00-17.00		1.00	17
3913	26.00-26.45		0.45	43
3914	28.36-29.08		0.72	277 (Av.)
3915	29.08-29.54		0.46	55
3916	30.98-31.58		0.60	27
3917	31.58-32.81		1.23	926.5 (Av.)
3918	32.81-34.00		1.19	36
3919	34.00-35.00		1.00	39
3920	36.79-38.00		1.21	82.5 (Av.)
3921	42.70-44.00		1.30	24
3922	44.00-45.13		1.13	40.5 (Av.)
3923	45.13-46.40		1.27	41
3924	48.74-49.00		0.26	26
436	54.08-55.45		1.37	43
3925	55.45-56.63		1.18	514
3926	56.63-57.84		1.21	3280 (Av.)
437	57.84-59.00		1.16	21
3927	61.58-62.00		0.42	336
3928	78.07-78.51		0.44	2
3929	78.51-79.33		0.82	9
3930	83.00-84.28		1.28	15
3931	84.28-85.35		1.07	2
3932	85.35-86.10		0.75	nil
3933	89.00-90.71		1.71	nil

Hole Number: 96-37

Assay Summary (cont'd) 96-37

Sample No.	From	To	Length	Au PPB	
3934	93.50-95.00		1.50	3	
3935	105.54-107.00		1.46	nil	
3936	122.00-123.50		1.50	nil	
3937	123.50-124.88		1.38	19	
3938	124.88-125.72		0.84	77	
3939	125.72-127.22		1.50	21	
3940	139.83-141.28		1.45	5	
3941	152.69-154.15		1.46	2	
3942	159.64-160.15		0.51	5	
3943	162.12-164.13		2.01	nil	
3944	164.13-165.70		1.57	10	
3945	165.70-166.69		0.99	nil	
3946	166.69-167.00		0.31	117.5	(Av.)
3947	167.00-168.26		1.26	19	
3948	168.26-169.29		1.03	1111.5	(Av.)
3949	169.29-170.00		0.71	34	
3950	170.00-171.00		1.00	12	
3951	171.00-172.09		1.09	77	
3952	172.09-172.36		0.27	nil	
3953	172.36-173.68		1.32	19	
3954	173.68-174.50		0.82	38	
3955	174.50-176.00		1.50	561.5	(Av.)
3956	176.00-176.84		0.84	45	
3957	176.84-177.49		0.65	2	
3958	177.49-178.72		1.23	10	
3959	178.72-180.18		1.46	12	

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Assay Summary (cont'd) 96-37

Sample No.	From	To	Length	Au PPB
3960	180.18-182.00		1.82	9
3961	182.00-183.00		1.00	5
3962	183.00-183.82		0.82	24
3963	183.82-184.65		0.83	278 (Av.)
3964	184.65-185.88		1.23	67
3965	185.88-187.34		1.46	7
3966	187.34-188.73		1.39	15
3967	188.73-190.21		1.48	25 (Av.)
3968	190.21-191.58		1.37	29
3969	191.58-193.37		1.79	9
3970	193.37-194.37		1.00	12.5 (Av.)
3971	194.37-196.06		1.69	163
3972	196.06-197.23		1.17	19
3973	197.23-198.65		1.42	36
3974	198.65-200.11		1.46	21
3975	200.11-201.66		1.55	724 (Av.)
3976	201.66-203.13		1.47	98
3977	203.16-203.74		0.61	110
3978	203.74-204.22		0.48	117
200	204.22-204.44		0.22	119212 Metallic Assay.
3979	204.44-204.99		0.55	324
3980	204.99-206.00		1.01	9
3981	206.00-207.45		1.45	26
3982	207.45-208.90		1.45	12
3983	208.90-210.75		1.85	9
3984	210.75-210.98		0.23	8 (Av.)

Hole Number: 96-37

Assay Summary (cont'd) 96-37

Sample No.	From	To	Length	Au PPB
3985	210.98-211.77		0.79	630 (Av.)
	211.77-212.07		0.30	Lost Core
3986	212.07-213.53		1.46	10
3987	213.53-215.00		1.47	nil
3988	215.00-216.38		1.38	21
3989	216.38-216.85		0.47	43
3990	216.85-218.19		1.34	12
3991	218.19-219.13		0.94	33
3992	219.13-220.55		1.42	21
3993	220.55-221.87		1.32	3
3994	221.87-223.37		1.50	7
3995	223.37-224.00		0.63	11 (Av.)
3996	224.00-224.76		0.76	15
3997	224.76-226.29		1.53	5
3998	226.29-227.67		1.38	22
3999	227.67-229.29		1.62	28.5 (Av.)
4000	229.29-230.85		1.56	19
01	230.85-233.00		2.15	34.5 (Av.)
02	244.00-245.28		1.28	31

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-38 Property: McGarry Township
Core Size: NQ Casing: Left
Coordinates: 15+19N, 20+77E
Depth: 122.0 m.
Azimuth: 352°
Dip: -59°
Start Date: November 30, 1996
Finish Date: December 02, 1996
Drilled by Kosy Diamond Drilling
Logged By Douglas Robinson
All Measurements in Meters

Meterage		Description
From	To	
0.0	52.90	BASALT, PILLOWED Medium green, very fine grained. Prominent pillow selvages throughout. From 0.00-31.00 occasional calcite filled vesicles. From 31.00-52.90 frequent 2-5 mm calcite filled vesicles.

ALTERATION AND MINERALIZATION:

2-4 mm yellow garnets in calcite pillow selvages as noted below:
3.00, 6.10-6.20, 7.50-7.90, 8.20, 10.00, 26.50, 34.60, 36.80,
40.30, 42.00 m. These garnets were identified by colour, extreme
hardness, conchoidal fracture and dodecahedral crystal shape.
The yellow colour and calcite association are suggestive of
grossular garnets.

*Douglas
Robinson
Feb 15, 1997*

			Au PPB			
	0.00-41.00	-	-			Patchy weak to moderate calcite alteration very weakly stained mauve to pale blue by potassium ferri cyanide (KFC) without pre-etching with 10% Hcl.
	0.00-7.5	-	-			Ground moderately broken but not altered.
100	6.07-6.49	0.42	412.5	6.10-6.20	0.0-5.0 cm calcite pillow selvage with 10% garnets. Average of two.	
47	7.41-8.30	0.89	350	8.20	Glassy garnets to 3 mm in calcite pillow selvage.	
				7.50-7.80	4 cm breccia zone at 10° to CA. 50% 0.5-1.5 cm angular breccia fragments, 5% 2-4 mm yellow garnets in 45% coarse grained white calcite breccia filling. Trace Py.	
				7.50	Open water seam at 25° to CA.	
48	10.00-11.00	1.00	91.5	10.00-10.30	Trace Py in calcite fracture filling. Average of two.	
	11.45	-	-	-	1.0 cm fine grained white calcite along loose fracture.	
49	14.41-15.90	1.49	38	15.05-15.10	Minor disseminated Py to 1 mm and Py on fracture.	
				15.60-15.70	25% calcite in 6.0 cm chloritic pillow selvage with minor garnet.	
	18.15	-	-	-	Minor red hematite fracture filling in calcite pillow selvage.	
51	19.56-20.12	0.56	410	19.64-20.42	Strong pervasive calcite alteration.	
				19.97-20.01	20% calcite veining to 0.8 cm in dark green moderately soft chloritic alteration at 80° to CA with minor yellow epidote.	

		Au PPB			
	52	20.12-20.96	0.84	249	Barren.
	53	20.96-21.63	0.67	87	21.00-21.60 Py on two fractures at 0-5° to CA.
NB	54	21.63-21.95	0.32	2410	Garnet in calcite pillow selvage. Average of two.
	55	21.95-23.00	1.05	75	Trace calcite-epidote fracture filling.
	56	23.00-24.62	1.62	308.5	2% calcite fracture filling with weak epidote. Average of two.
	57	24.62-26.13	1.51	62	24.46-25.52 50% calcite veining with 5% pale green epidote (60° to CA)
	58	26.13-27.50	1.37	111	26.27-27.15 Strong pervasive calcite alteration. 26.54 3 cm calcite garnet pillow selvage. 27.00-2.5 cm fine grained calcite vein at 75° to CA Vein has fine grained disseminated black magnetite. Strongly magnetic.
	59	27.50-29.00	1.50	77	Minor calcite fracture filling.
	60	29.00-30.07	1.07	7	29.20-29.98 5% calcite fracture filling generally at 70° to CA.
	61	30.07-32.00	1.93	250	1% calcite fracture filling.
	62	32.00-33.41	1.41	130	Trace Py in late fractures.
	63	33.41-33.62	0.21	132	Minor chalcopyrite (Cpy) associated with yellow garnet in 1 cm calcite pillow selvage.
	64	33.62-34.57	0.95	72	Trace Py in late fractures.
NB	65	34.57-34.64	0.07	79475	34.60 3.0 cm pillow selvage with 3% yellow garnets as glassy dodecahedrons. Metallic Assay. Three specks VISIBLE GOLD. Estimate 20,000 PPB Au.
	66	34.64-35.17	0.53	495.5	35.07 1.5 cm strong fine grained yellow epidote along slip at 65° to CA. Average of two.

Hole Number 96-38

Au PPB

67	35.17-36.52	1.35	58.5	Minor garnet. 0.5% calcite fracture filling. Average of two.
68	36.52-36.98	0.46	170	5% yellow garnet and minor Cpy in 0.5-3.0 cm calcite pillow selvage rimmed by epidote.
	36.00-52.90	-	-	Minor hairline calcite fracture filling.
69	36.98-38.68	1.70	370.5	Minor calcite fracture filling. Average of two.
70	38.68-40.00	1.32	50	Barren.
71	40.00-41.00	1.00	72	40.30 2.5 cm calcite patch with 5% garnet and trace Py in pillow selvage.
	41.00-46.00	-	-	Stained medium blue by KFC.
72	41.00-42.51	1.51	154	Trace calcite fracture filling.
73	42.51-42.82	0.31	406	1-5 cm pillow selvage with 2% garnet and trace Py in 1 cm calcite cleavages.
74	42.82-44.37	1.55	46	Epidote pillow selvages. 43.50 Coarse grained Py and trace Cpy in 3 mm white band at 60° to Ca.
75	44.37-45.34	0.97	53	44.54 0.5-4.0 cm calcite pillow selvage with minor garnet and 0.5% Cpy. 45.26 Minor medium grained Py in Pillow selvage.
	46.00-52.90	-	-	Moderate patchy calcite alteration. Stained mauve to blue by KFC.
	51.60-52.90	-	-	Numerous hairline calcite fracture fillings.

52.90 58.55 BASALT, PRIMARY BRECCIA
50% dark green 1-3 cm basalt breccia fragments in medium green chloritic silicious matrix.

Fragments are aphanitic, angular (with locally rounded corners) with darkening along edges.
 Fragments and matrix moderately hard.
 Locally magnetic.

ALTERATION AND MINERALIZATION

Very weakly stained blue by KFC.

Minor calcite fracture filling and weak epidote alteration.

442	54.42-55.86	1.44	727	Average of two.
76	55.86-56.63	0.77	1295.5	Barren. Average of two.
77	56.63-56.94	0.31	1309.5	56.73-56.80 3 cm calcite vein with 25% pale yellow-green epidote. Average of two.
			56.87	0.4 cm calcite fracture filling with 0.4 X 4.0 cm patch Cpy. Calcite and Cpy cut by earthy red hematite fracture filling.
78	56.94-58.05	1.11	108	Barren epidote alteration.

58.55 77.98 BASALT, MASSIVE FINE GRAINED, MAGNETIC.
 Medium green, fine grained, and massive.
 Moderately hard. Generally magnetic.

ALTERATION AND MINERALIZATION:

Minor calcite-epidote fracture filling.

Scattered Py and Cpy from 62.34-77.98

58.55-64.50 Very weakly stained blue by KFC.

64.50-77.98 Patchy moderate mauve to blue stained by KFC.

	58.55-60.30			Non-magnetic moderate pervasive epidote alteration.
	60.30-77.98			Patches pervasive weak epidote alteration and epidote in minor calcite-epidote fracture filling.
79	60.98-62.30	1.32	5	Barren epidote alteration. 62.24 3 mm massive black magnetite band at 90° to CA.
80	62.30-63.35	1.05	36	62.34 0.3x1.5 cm patch Py in epidote alteration. 62.60-62.64 3% fine grained Py in calcite epidote veining. 63.20 Trace Cpy in epidote alteration. 63.32-63.75 Pervasive calcite alteration.
81	63.35-64.25	0.90	5	trace calcite fracture filling. Barren.
82	64.25-65.70	1.45	29	Barren. 65.24-66.10 Pervasive strong calcite alteration.
83	65.70-66.72	1.02	24	65.97-68.63 Numerous small calcite fracture fillings. Wall rock stained mauve by KFC. 66.27 1.0 cm fine grained white calcite vein. 66.43 1.0 cm quartz-calcite-chlorite vein at 70° to CA. Wispy chloritic bands cutting fine grained intergrown quartz-calcite. Trace very fine grained Py.
				66.54-66.58 3.5 cm vein of white fine grained intergrown quartz calcite. Minor fine grained Py.
84	66.72-67.58	0.86	15	66.92 4.0 cm fine-medium grained white calcite vein. Minor chlorite. 5% angular chloritic breccia fragments.
85	67.58-68.62	1.04	65	67.70 Minor disseminated Py.

Au PPB

				66.00-68.33 Soft-moderately soft chloritic alteration.
				67.79-68.62 Strong pervasive calcite alteration.
				67.94 6.0 cm calcite chlorite vein at 75° to CA. 20% chlorite bands.
86	68.62-69.28	0.66	79.5	68.96 Scattered Cpy to 2 mm along healed epidote fracture filling at 45° to CA. Average of two.
87	69.28-70.42	1.14	14	Barren
88	70.42-70.72	0.30	89	70.58 70.66 1x3 cm & 0.7x1.5 cm patches of massive Cpy in calcite patch on side of core.
89	70.72-71.97	1.25	15	71.11 1 cm patch of white bleaching with 5% Cpy and minor Py associated with chloritic healed fracture.
90	71.97-72.85	0.88	31	Epidote fracture filling at 40° to CA. 71.97-72.85 0.3 cm calcite-epidote stringers with minor Cpy at 10° to CA. 71.65 0.8 cm loose calcite stringer with 0.5% Cpy.
91	72.85-74.10	1.25	67	Stained blue by KFC. Calcite-epidote fracture filling. 73.55 3 cm white calcite vein at 68° to CA. (one slip wall) 5% dark green chlorite and 5% pale green epidote (along edge).
92	74.10-75.10	1.00	1	Epidote fracture filling. Pervasive calcite alteration stained mauve by KFC. Average of two. 75.03 1.2 cm calcite-chlorite vein at 70° to CA. 10% chlorite bands.

			Au PPB	
93	75.10-75.72	0.62	12	Strong pervasive calcite-chlorite alteration.
94	75.72-76.14	0.42	11640.5	75.72-76.00 5% wispy Cpy and 5% Py in cherty grey SILICIFICATION band at approximately 70° to CA. Very hard, aphanitic and weakly chloritic. Average of two. 76.00-76.04 cm fine grained grey calcite vein at 70° to CA. 76.04-76.10 Dark green moderately soft chloritic alteration. 76.10-76.12 2 cm chloritic grey calcite vein at 70° to CA. Trace Py. 75.36-76.41 Non-magnetic.
95	76.14-76.88	0.74	206.5	Pervasive weak to strong calcite alteration. Moderately soft. Average of two. Calcite fracture filling at 70° to CA and 3 prominent irregular calcite fracture filling. 76.67 1 cm medium grained white calcite vein at 40° to CA with 3 mm patch Cpy. 76.78 Trace Cpy in 0.5-1.5 epidote alteration along fine calcite fracture fillings at 40° to CA.
96	76.88-78.01	1.13	31	Stained blue-mauve by KFC. Prominent network of calcite fracture filling at 55° to CA and epidote fracture filling at 135° to CA.

77.98 78.82 DEFORMATION ZONE

Hole Number 96-38

Dark green healed fault.

25% pale green to white rounded quartz and cherty fragments in a moderately soft dark green matrix.

Minor very fine to fine grained disseminated Py.

ALTERATION AND MINERALIZATION

See description above.

97	78.01-78.82	0.81	70	77.98-78.17	Weak hematization of moderately soft epidote alteration along calcite fracture filling at 60° to Ca.
				77.17-77.20	Numerous 1 cm wedge shaped chips.

78.82 83.77 BASALT, MASSIVE, NON-MAGNETIC
Medium green, fine grained massive and non-magnetic. Moderately soft.

ALTERATION AND MINERALIZATION.

Stained mauve by KFC.

2% white calcite-quartz fracture filling

1% dark green chlorite fracture filling.

Epidote alteration absent except for 3.0 cm band of epidote alteration at 82.28.

98	78.82-80.00	1.18	10	79.79-81.26	calcite alteration
99	80.00-81.26	1.26	27		calcite veining and stained prominent mauve by KFC.
101	81.26-82.50	1.24	63		

			Au PPB			
102	82.50-82.88	0.38	17748.7	82.60	1 cm sulphide band at 30° to CA.	
					50% Py, 30% Cpy, and 20% calcite-chlorite. 30% of sulphide band ground out. Average of three.	
103	82.88-83.77	0.89	74	82.90-83.77	1.0 cm earthy red and black specular hematite at 00° to CA in and out of core.	
83.77	84.41	FAULT				
104	83.77-84.41	0.64	1646		Fault gouge, clay like gouge with clay brown colour. Very fine and dusty when dry.	
84.41	122.00	BASALT, MASSIVE, MAGNETIC.				
		Medium green, uniform and massive increasing in grain size down the hole. Moderately hard.				
		84.41-90.00 Very fine grained gradational into fine grained below.				
		90.00-101.00 Fine grained gradational into medium grained below.				
		101.00-122.00 Medium grained.				
ALTERATION AND MINERALIZATION.						
Unit is sporadic weakly stained mauve and blue by KFC.						
	84.41-89.62	-	-	Non-magnetic.		
	84.41-89.62	-	-	Strong soft chloritic alteration with numerous hairline calcite fracture filling generally at 55° to CA.		
				Strong chlorite slips at 30-50° to CA.		
	84.41-117.40	-	-	Scattered hematite-quartz and hematite-calcite veins		

				Au PPB	
					and fracture filling at 0-10° to CA.
	84.41-118.20	-	-		Epidote alteration absent except for restricted areas to 15 cm.
	89.62-104.090	-	-		Moderate chlorite alteration. Prominent chlorite on slips. Moderately hard.
	89.62-103.00	-	-		2% calcite fracture filling to 0.5 cm.
	103.00-122.00	-	-		0.5% calcite fracture filling to 0.5 cm.
105	84.41-85.42	1.01	31		2.0 cm Quartz vein with 75% specular hematite as flakes to 2.0 mm and 1% Cpy. Vein at 00° to CA.
					85.36-85.57 Prominent very strongly chloritic slip at 50-60° to CA.
106	85.42-86.88	1.46	84		85.45-85.49 Minor epidote alteration.
					86.40 1.0 cm calcite vein with 5% hematite and minor Cpy.
107	86.88-87.91	1.03	216		86.49-86.90 Black hematite to 2.0 mm in healed slip at 00° to CA.
					87.12-87.80 Cpy to 0.2-3.0 cm in 0.5 cm calcite -hematite fracture filling along core axis.
108	87.91-89.13	1.22	19		
109	89.13-90.09	0.96	166		
110	90.09-90.77	0.68	376		90.20-90.75 Scattered Cpy along healed fracture at 00° to CA. and bleached patches along fractures.
					Average of two.
111	90.77-92.00	1.23	351		91.48-92.00 5% calcite fracture filling at 60 and 10° to Ca

			Au PPB	
112	92.00-93.53	1.53	48	93.49 Six 2X4 cm patches of Cpy-hematite associated with 5 cm of weak epidote alteration.
113	93.53-95.00	1.47	98	Calcite fracture filling.
114	95.00-96.50	1.50	820	Calcite fracture filling. Average of two.
115	96.50-98.00	1.50	117	96.74-97.12 13.0 cm calcite quartz vein at 30° to CA. 10% quartz 50% fine grained calcite and 40 % wedge shaped wall rock inclusions and wispy chlorite bands. Minor hematite and trace Cpy.
116	98.00-99.50	1.50	261	99.50 1.0 cm white calcite fracture filling at 30° to CA. Both walls chloritic slips.
117	99.50-101.00	1.50	53	100.05 10% red hematite in 0.5-1.0 cm calcite vein at 30° to CA.
118	101.00-102.43	1.43	46	100.05-100.10 Minor fault as 2-5 mm spaced strong chloritic slips.
119	102.43-104.00	1.57	91	102.90 2 mm calcite hematite fracture filling at 25° to CA. 103.20 Three patched Cpy to 1.0 cm rimmed by hematite. 103.30-103.45 Weak epidote alteration.
120	104.00-105.50	1.50	22	103.90-105.10 Minor hematite fracture filling.
121	105.00-107.00	1.50	53	106.58-106.85 2 mm hematite fracture filling at 00° to Ca.
122	108.53-110.00	1.47	21	108.13-108.33 Moderate epidote alteration. 108.70-109.16 5% calcite fracture filling to 2 mm with hematite and minor Cpy. 109.98-111.00 2 mm calcite seam with 20% hematite (00° to CA).
123	110.00-111.50	1.50	nil	110.26 0.3X1.0 cm Cpy patch rimmed by hematite along

			Au PPB	
				3.0 cm calcite fracture filling at 60° to CA.
	115.10-115.60	-	-	20% coarse hematite flakes in 3 mm calcite fracture filling. at 00° to CA.
124	116.00-117.50	1.50	253	116.25-117.40 Calcite veining to 2.0 cm at 00° to CA. 5% coarse specular hematite and several spots Cpy to 4 mm. Average of two.
	119.85-122.00	-	-	Non-magnetic. Not stained by KFC.
125	120.30-120.99	0.69	10	120.50-120.77 1.5 cm quartz vein at 10° to CA. Tight walls. Minor Cpy an and along vein.
122.00	END OF HOLE			

Assay Summary 96-38

Sample No.	From	To	Length	Au PPB
100	6.07-6.49		0.42	412.5 (Av.)
047	7.41-8.30		0.89	350
048	10.00-11.00		1.00	91.5 (Av.)
049	14.41-15.90		1.49	38
051	19.56-20.12		0.56	410
052	20.12-20.96		0.84	249
053	20.96-21.63		0.67	87
054	21.63-21.95		0.32	2410 (Av.)
055	21.95-23.00		1.05	75
056	23.00-24.62		1.62	308.5 (Av.)
057	24.62-26.13		1.51	62
058	26.13-27.50		1.37	111
059	27.50-29.00		1.50	77
060	29.00-30.07		1.07	7
061	30.07-32.00		1.93	250
062	32.00-33.41		1.41	130
063	33.41-33.62		0.21	132
064	33.62-34.57		0.95	72
065	34.57-34.64		0.07	79475 Metallic Assay.
066	34.64-35.17		0.53	495.5 (Av.)
067	35.17-36.52		1.35	58.5 (Av.)
068	36.52-36.98		0.46	170
069	36.98-38.68		1.70	370.5 (Av.)
070	38.68-40.00		1.32	50
071	40.00-41.00		1.00	72
072	41.00-42.51		1.51	154
073	42.51-42.82		0.31	406

Assay Summary (cont'd) 96-38

Sample No.	From	To	Length	Au PPB
074	42.82	44.37	1.55	46
075	44.37	45.34	0.97	53
442	54.42	55.86	1.44	727 (Av.)
076	55.86	56.63	0.77	1295.5 (Av.)
077	56.63	56.94	0.31	1309.5 (Av.)
078	56.94	58.05	1.11	108
079	60.98	62.30	1.32	5
080	62.30	63.35	1.05	36
081	63.35	64.25	0.90	5
082	64.25	65.70	1.45	29
083	65.70	66.72	1.02	24
084	66.72	67.58	0.86	15
085	67.58	68.62	1.04	65
086	68.62	69.28	0.66	79.5 (Av.)
087	69.28	70.42	1.14	14
088	70.42	70.72	0.30	89
089	70.72	71.97	1.25	15
090	71.97	72.85	0.88	31
091	72.85	74.10	1.25	67
092	74.10	75.10	1.00	1 (Av.)
093	75.10	75.72	0.62	12
094	75.72	76.14	0.42	11640.5 (Av.)
095	76.14	76.88	0.74	206.5 (Av.)
096	76.88	78.01	1.13	31
097	78.01	78.82	0.81	70
098	78.82	80.00	1.18	10
099	80.00	81.26	1.26	27
101	81.26	82.50	1.24	63

Assay Summary (cont'd) 96-38

Sample No.	From	To	Length	Au PPB
102	82.50-82.88		0.38	17748.7 (Av.)
103	82.88-83.77		0.89	74
104	83.77-84.41		0.64	1646
105	84.41-85.42		1.01	31
106	85.42-86.88		1.46	84
107	86.88-87.91		1.03	216
108	87.91-89.13		1.22	19
109	89.13-90.09		0.96	166
110	90.09-90.77		0.68	376 (Av.)
111	90.77-92.00		1.23	351
112	92.00-93.53		1.53	48
113	93.53-95.00		1.47	98
114	95.00-96.50		1.50	820 (Av.)
115	96.50-98.00		1.50	117
116	98.00-99.50		1.50	261
117	99.50-101.00		1.50	53
118	101.00-102.43		1.43	46
119	102.43-104.00		1.57	91
120	104.00-105.50		1.50	22
121	105.00-107.00		1.50	53
122	108.53-110.00		1.47	21
123	110.00-111.50		1.50	nil
124	116.00-117.50		1.50	253.5 (Av.)
125	120.30-120.99		0.69	10

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-39 Property: McGarry Township
 Core Size: NQ Casing: Pulled
 Coordinates: 16+15N, 20+00E
 Depth: 132.00 m.
 Azimuth: 168°
 Dip: -45°
 Start Date: December 03, 1996
 Finish Date: December 05, 1996
 Drilled by Kosy Diamond Drilling
 Logged By Douglas Robinson
 All Measurements in Meters

Meterage

From	To	Description
0.0	4.10	OVERBURDEN.

4.10	12.81	BASALT, MASSIVE.
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Medium green, medium grained, uniform and massive. 5% 0.5 mm black magnetite grains. Magnetic from 4.1-12.15

ALTERATION AND MINERALIZATION.

Fresh and competent ground.

Minor white hairline fracture filling. Rare 1-2 mm pyrite clusters (<< 0.1%)

4.1-6.0	-	-	Weak epidote alteration of groundmass and minor epidote fracture filling.
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126	4.75-5.19	0.44	81	5.0 10% coarse grained Py in 0.5 cm dark green chlorite-quartz seam at 20° to CA along a slip.
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Douglas Robinson
 Feb-15, 1997

			Au PPB		
127	10.75-12.02	1.27	106	10.00-12.13	Weak to moderate pervasive epidote alteration of groundmass 11.00 1% Cpy in epidote fracture filling at 30° to CA. at.
128	12.02-12.86	0.84	27	12.13-12.81	Intense chlorite alteration stained mauve by Potassium ferri cyanide. 12.13-12.26 Pale grey, fine grained and soft. 12.26-12.48 Pale green, coarse grained and very soft. 12.48-12.65 Dark green, intense chlorite alteration. Very soft 12.65-12.74 Medium green, moderately soft. 12.74-12.87 10 cm intense silicification of breccia zone at 55 ° to CA. Minor Cpy in late calcite fracture filling

12.81 16.88 BASALT, BRECCIA.
 Very fine grained basalt.
 Medium green soft chloritic alteration cut by 5-10% short irregular chloritic stringers giving the core a brecciated appearance.
 The chlorite stringers are cut by 2% short calcite fracture filling.
 Non-magnetic.

ALTERATION & MINERALIZATION.

Stained mauve by KFC.

Calcite and chlorite stringers described above.

Core is 1% 1 mm Py grains in the late calcite fracture filling.

			Au PPB	
129	12.86-13.60	0.74	79	
130	13.60-14.00	0.40	262	Average of two. 13.76 Four 1.5 cm patch calcite with 10% Cpy.
131	14.00-15.60	1.60	46	
132	15.60-17.00	1.40	34	16.00-16.68 Weak to moderate epidote alteration at 16.68. 1 mm hematite band at 60° to CA along leading edge of epidote alteration.

16.88 30.00 BASALT, FINE GRAINED, MAGNETIC.
Dark green, fine grained, massive, moderately hard and magnetic.

ALTERATION AND MINERALIZATION:

Moderately chloritic.

2-3% 1.0-3.0 cm long calcite fracture filling.

1-4% pervasive very fine stockwork of hematite veining (+/-
calcite).

Locally fine orange silicate fracture filling.

133	17.00-18.45	1.45	41	
134	18.45-20.00	1.55	21	
135	20.00-20.44	0.44	172.5	Average of two. 20.10-20.28 3% Cpy and minor Py in healed chloritic

fracture zone which includes 0.4X8.0 cm
Cpy band at 25° to CA. Cpy is rimmed by
hematite.

			Au PPB
136	20.44-21.40	0.96	158
137	21.40-22.86	1.46	17
138	22.86-24.28	1.42	14
139	24.28-25.72	1.44	17
140	25.72-27.15	1.43	15
141	27.15-28.64	1.49	2
142	28.64-29.54	0.90	3
143	29.54-30.00	0.46	nil

29.52-30.00 Intense very soft dark green chlorite
alteration with 5% angular leucoxene
speckles.

29.89 1.0-3.0 cm wispy quartz vein at 45° to CA with
calcite fracture filling cutting vein.

30.00 46.39 BASALT, MASSIVE, MAGNETIC, MEDIUM GRAINED.
Dark green, uniform and massive, medium grained, and moderately
hard.

ALTERATION AND MINERALIZATION

Weak pervasive moderate chloritic alteration stained mauve by
KFC.

0.5-1% calcite fracture filling to 0.5 cm commonly at 50° and 25°
to CA.

144	32.94-34.40	1.46	15	33.05 1.5 cm calcite vein with 15% dark green chlorite bands. (Slip wall at 15° to CA)
				33.54 2.0 cm calcite orange silicification band at 25° to core axis.

Au PPB

	35.42-35.79	-	-	1.0 cm calcite-chlorite-hematite seam at 10° to CA.
	36.06	-	-	6.0 cm banded calcite-chlorite vein at 45° to CA along slip.
145	37.32-38.95	1.63	17	37.78 4.0 cm calcite-chlorite veining. 37.40-37.91 moderately strong chlorite alteration. Soft with moderately hard edges. 37.91-39.80 Patch of pervasive brown hematization of moderate chlorite alteration. Moderately soft. 38.10-40.97 Calcite alteration.
	39.80-41.88	-	-	Pervasive moderately strong chlorite alteration with 5% 0.5 mm angular white (leucoxene) specks. Medium grey colour due to silicification?
	41.34-41.88	-	-	Moderately hard due to silicification of groundmass. 5% 2 mm vague grey cherty streaks.
	41.54	-	-	1.0 cm vague white quartz vein at 10° to CA.
	41.88-46.39	-	-	Medium-dark green strong chloritic alteration stained mauve by KFC. Weakly developed white angular (leucoxene) specks. Various degrees of silicification and 2-3% quartz stringers and 2% calcite stringers.
146	44.73-46.19	1.46	21	
46.39	46.56			FAULT. 7 cm FAULT at 25° to CA. Friable. Pale grey loosely consolidated grey gouge.

In part effervescent in 10% Hcl.

46.56 49.50 DEFORMATION ZONE, SILICIFIED.
30% breccia, many fragments silicified and some fragments hematitic.
30% white to greenish grey quartz breccia filling. No hematite in late quartz filling.
40% soft chloritic alteration

ALTERATION AND MINERALIZATION:

147	46.65-47.72	1.07	5
148	47.72-49.19	1.47	14

49.50 83.10 BASALT, MASSIVE, FINE GRAINED.
Pale green to pale greenish grey.
Aphanitic to very fine grained.
Generally moderately soft, locally moderately hard.
Tag at 70.00 reads 77.00. 7.00 metres was subtracted from all tags below 70.00.

ALTERATION AND MINERALIZATION:

Moderately chloritic alteration throughout (+/- carbonate).

49.50-57.00	-	-	Well developed network of dark green chlorite fracture filling with 1% calcite fracture filling cutting chloritic fracture filling (35-55° to CA.)
57.00-60.25	-	-	Weak chloritic fracture filling.
60.25-66.30	-	-	Strong dark green pervasive chloritic alteration.

			Au PPB	
	66.30-71.00	-	-	Soft 5% irregular stockwork of grey cherty quartz. In part brecciated with cherty breccia filling.
	71.00-83.08	-	-	Light greenish grey, moderately soft pervasive chlorite-carbonate alteration. 2% irregular calcite fracture filling. Minor chlorite fracture filling.
	51.23	-		Dark to medium green chlorite carbonate alteration. 1% fine calcite fracture filling at 00-10, 30 and 60° to CA.
149	53.35-54.76	1.41	54	3.0 cm hematite seam.
				Average of two.
				54.00 3.0 cm calcite-quartz vein at 45° to CA with fine calcite-cherty quartz intergrowth with minor wispy hematite.
150	60.00-61.12	1.12	43	
151	63.60-65.04	1.44	89	63.60-65.02 Minor disseminated Py (<0.1%)
	67.17-67.35	-	-	Cherty white quartz breccia filling.
	67.69-67.74	-	-	Cherty white quartz breccia filling.
	70.00-70.74	-	-	Weak epidote alteration of groundmass.
152	71.70-72.80	1.10	122	
153	72.80-74.00	1.20	146	72.00-73.90 Moderate to strong pervasive epidote alteration. Prominent calcite chlorite fracture filling. Minor Cpy and Py.
154	74.00-76.03	2.03	26	
155	78.61-78.92	0.31	34	78.74 4.0 cm calcite vein at 45° to CA.
				15% chlorite bands 10% orange silicious bands. Disseminated Cpy and Py (<1%).
156	78.92-80.25	1.33	17	79.92-80.25 Moderate to strong pervasive epidote alteration. Trace Cpy.

Au PPB

157 82.00-83.10 1.10 19 82.19-81.25 Brecciated with 15% grey-white quartz breccia filling and 5% later calcite-hematite fracture filling with minor Cpy.

83.10 112.50 BASALT, MASSIVE, MEDIUM GRAINED, MAGNETIC.

Medium green, medium grained, uniform and massive.

Locally fine grained.

Moderately hard. Generally magnetic.

94.16-94.42 Dike with aphanitic edges and very fine grained centre. Box-work bleaching, pale green healed fractures with dark green centres between fractures. Non-magnetic. Very soft to contacts, basalt above moderately hard.

94.16 Sharp natural, straight contact at 42° to CA.

Pale green aphanitic chill against medium grained basalt above.

94.42 Sharp natural straight contact at 140° to CA (relative to contact at 94.16).

94.42-95.04 Medium grained basalt similar to basalt above 94.16.

Dark green soft chloritic alteration

95.04-97.40 Dike. Same dike as 94.16-94.42.

Dark green, soft very fine grained.

94.04 Sharp natural irregular contact at approximately 60° to CA and sub parallel contact at 94.16.

97.50 Contact at breccia zone.

104.50-106.33 Grades from aphanitic (basalt?) to fine grained

basalt. Possible single flow? magnetic from 106.00-106.33.

104.50 Sharp natural contact at 25° to CA between pale green aphanitic (non-magnetic) chill below and medium grained magnetic basalt above.

106.33-107.93 Very fine grained mafic (basaltic) dike.

Moderately soft, dark green, weakly magnetic.

Pale green, very soft, non-magnetic chill zones at upper and lower contacts.

106.33 Sharp natural contact at 25° to CA with pale green, very soft, non-magnetic chill in sharp contact with fine grained magnetic basalt above.

107.93 Irregular sharp natural contact at 85° to CA with pale green aphanitic non-magnetic chill in sharp contact with medium grained soft chloritic non-magnetic basalt below.

107.93-108.90 Non-magnetic basalt.

ALTERATION AND MINERALIZATION.

83.10-91.00 Minor calcite fracture filling at 25-30 ° to CA.

Competent ground, relatively fresh, with local weak epidote alteration of groundmass.

91.00-101.60 2% pervasive calcite fracture filling at 10° to CA.

101.60-104.47 Minor calcite fracture filling.

91.45-100.47 Moderate to strong dark green chlorite alteration as overlapping zones centred on larger calcite veins.

104.47-104.50 2-4% calcite fracture filling.

106.54-112.50 Minor seams of epidote throughout.

104.47-112.50 Moderate to strong chlorite alteration. Locally white (leucoxene) specks. 2% calcite fracture filling (+/- epidote).

				Au PPB	
	84.25	-	-	-	Minor hematite on 1 mm calcite fracture filling.
	85.95	-	-	-	Wispy hematite fracture filling at 10° to CA.
	87.00	-	-	-	2 mm 50% hematite, 50% calcite fracture filling at 70° to CA cutting younger 4 mm calcite fracture filling at 25° to CA.
	87.26	-	-	-	2 mm specular hematite fracture filling.
158	90.30-91.70	1.40	22	90.50-91.45	0.5% 0.5 mm disseminated Py crystals and clusters.
159	91.70-93.07	1.37	15	91.90-92.42	1.5-5.0 cm greenish white quartz vein at 00° to CA with fine grained intergrown calcite.
160	93.07-94.44	1.37	100		Average of two.
161	94.44-95.87	1.43	14	94.63-95.18	5.0 cm medium grained white calcite vein at 00° to CA. Trace hematite and trace Py. Trace Cpy in intense chlorite alteration of wall rock.
162	95.87-96.90	1.03	26		
163	96.90-98.56	0.66	17	97.00-97.50	Breccia zone with 30-70% angular breccia fragments in a medium grained calcite breccia filling. Fragments are medium green, soft dike. Also 3% black chlorite fragments. Lower limit of breccia probably at 25° to CA along

			Au PPB	
				several closely spaced strong chlorite slips.
	102.34	-	-	1.0 cm weak epidote alteration band at 70° to CA.
164	103.00-104.47	1.47	69	101.60-104.47 Minor calcite fracture filling. Av. of 2.
165	104.47-105.25	0.78	5	104.47-106.00 3% 1-2 mm calcite fracture filling. 104.70 2.0 cm coarse grained white calcite vein. 105.04-105.10 Breccia with white quartz breccia filling. 0.5X1.5 cm mass of Cpy and 0.5X1.5 mass of medium grained Py with 10% Cpy.
166	105.25-105.84	0.59	14	105.83 5.0 cm white quartz vein with 10% chlorite patches, 5% earthy to specular hematite and one speck Cpy.
167	105.84-107.24	1.40	14	106.54 2 closely spaced strong chlorite slips at 30° to CA. 0.5 cm of flakey chlorite on one slip and 0.4 cm sheared calcite-chlorite on the other slip. Small fault parallel chilled contact at 106.33.
168	107.24-108.61	1.37	7	
169	108.61-109.95	1.34	17	Trace Cpy in epidote fracture filling.
170	109.95-111.42	1.47	12	109.95-110.81 Moderate pervasive calcite alteration. 109.40-112.50 Intense, very soft chloritic alteration with white (leucoxene) specks to 0.3 mm. Prominent calcite fracture filling. 111.02-111.34 Intense pale green epidote alteration band at 50° to CA. Stained mauve by KFC.

Au PPB

171 111.42-112.66 1.24 15 111.42-111.57 Core broken as 0.5-2.0 cm thick pieces
with chloritic slip faces.
111.57-116.60 3.0 cm calcite vein at 60° to CA as
intergrowth of fine grained calcite and
chlorite.

112.50 115.30 FELDSPAR PORPHYRY.

Medium pink, moderately hard, uniform and massive with 10% pink feldspar
phenocrysts to 0.3X1 mm and 1% 2 mm feldspar phenocrysts in a pink groundmass.

ALTERATION AND MINERALIZATION.

Weak pervasive calcite alteration stained mauve by KFC.

0.5% fine grained calcite fracture filling at 75° to CA and low angle to CA.

115.30 132.00 BASALT, MASSIVE MAGNETIC, MEDIUM GRAINED.

Medium green, medium grained, uniform and massive flow.

Magnetic. Moderately hard.

118.00-118.30 Augite syenite dike at 60° to CA.

Brick red fine grained syenite dike with 5% augite
phenocrysts to 1 mm (generally < 5 mm).

3% epidote specks and streaks.

130.59-132.00 Augite syenite dike at approximately 80° to CA.

Hard, fine grained uniform and massive with 5-10%
augite phenocrysts to 0.2X1.0 mm.

1% mafic xenoliths.

ALTERATION AND MINERALIZATION.

112.50-130.59 Pervasively stained prominent blue by KFC.

Locally weak epidote alteration of groundmass and thin epidote-calcite fracture filling with 60 and 40° to CA dominant. Generally competent ground.

		Au PPB		
	115.35-115.90	-	-	0.5 cm calcite-epidote seam at 00° to CA. Trace Cpy?
172	115.46-116.96	1.50	5	116.84 4.0 quartz-epidote-hematite vein at 35 and 55° to CA. Strongly banded, trace Py, 5% hematite.
173	118.30-119.63	1.33	24	Prominent epidote fracture filling and late loose chloritic fracturing.
	120.30	-	-	0.3 cm banded intense epidote alteration at 50° to CA. 0.5% fine disseminated Py.
174	127.35-128.83	1.48	nil	127.56 2.0 cm calcite vein at 15° to CA. 5% black specular hematite, trace Cpy and Py.
175	128.83-130.59	1.76	22	
176	130.59-131.78	1.19	12	Trace Py in calcite-quartz fracture filling.
177	131.78-133.00	1.22	5	Trace Cpy in calcite-quartz fracture filling. Weak calcite alteration stained mauve by KFC. 0.5% Quartz and calcite fracture filling at 00-20 and 55° to CA.

132.00

END OF HOLE

Assay Summary 96-39

Sample No.	From	To	Length	Au PPB
126	4.75	5.19	0.44	81
127	10.75	12.02	1.27	106
128	12.02	12.86	0.84	27
129	12.86	13.60	0.74	79
130	13.60	14.00	0.40	262 (Av.)
131	14.00	15.60	1.60	46
132	15.60	17.00	1.40	34
133	17.00	18.45	1.45	41
134	18.45	20.00	1.55	21
135	20.00	20.44	0.44	172.5 (Av.)
136	20.44	21.40	0.96	158
137	21.40	22.86	1.46	17
138	22.86	24.28	1.42	14
139	24.28	25.72	1.44	17
140	25.72	27.15	1.43	15
141	27.15	28.64	1.49	2
142	28.64	29.54	0.90	3
143	29.54	30.00	0.46	nil
144	32.94	34.40	1.46	15
145	37.32	38.95	1.63	17
146	44.73	46.19	1.46	21
147	46.65	47.72	1.07	5
148	47.72	49.19	1.47	14
149	53.35	54.76	1.41	54 (Av.)
150	60.00	61.12	1.12	43
151	63.60	65.04	1.44	89

Hole Number 96-39

Assay Summary (cont'd) 96-39

Sample No.	From	To	Length	Au PPB
152	71.70	72.80	1.10	122
153	72.80	74.00	1.20	146
154	74.00	76.03	2.03	26
155	78.61	78.92	0.31	34
156	78.92	80.25	1.33	17
157	82.00	83.10	1.10	19
158	90.30	91.70	1.40	22
159	91.70	93.07	1.37	15
160	93.07	94.44	1.37	100 (Av.)
161	94.44	95.87	1.43	14
162	95.87	96.90	1.03	26
163	96.90	98.56	0.66	17
164	103.00	104.47	1.47	69 (Av.)
165	104.47	105.25	0.78	5
166	105.25	105.84	0.59	14
167	105.84	107.24	1.40	14
168	107.24	108.61	1.37	7
169	108.61	109.95	1.34	17
170	109.95	111.42	1.47	12
171	111.42	112.66	1.24	15
172	115.46	116.96	1.50	5
173	118.30	119.63	1.33	24
174	127.35	128.83	1.48	nil
175	128.83	130.59	1.76	22
176	130.59	131.78	1.19	12
177	131.78	132.00	0.22	5

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-40 Property: McGarry Township
Core Size: NQ Casing: Pulled
Coordinates: 15+15N, 20+28E

Depth: 121.00 m.

Azimuth: 352°

Dip: -60°

Start Date: December 06, 1996

Finish Date: December 10, 1996

Drilled by Kosy Diamond Drilling

Logged By Douglas Robinson

All Measurements in Meters

Meterage		
From	To	Description
0.0	6.22	OVERBURDEN Sandy soil. No boulders.
6.22	49.33	BASALT, FINE GRAINED MASSIVE Medium green, fine grained uniform and massive. Locally very fine grained. internal flow contacts not defined. Magnetism not measured 44.30-49.33 weak to moderately magnetic. 10.41-35.79 Moderately hard. 35.79 40.00 moderately soft. 40.00-47.87 Moderately hard. 47.87-49.33 Moderately soft

Douglas Robinson
Feb 15, 1997

ALTERATION AND MINERALIZATION.

- 6.22-6.66 Soft strong pervasive calcite alteration-weakly developed speckled chlorite alteration. Dark green healed chlorite filed microfractures at 70° to CA. Bleached pale green to pale grey.
- 6.66-49.33 Weakly developed epidote alteration of groundmass. Locally moderate pale greenish sections of epidote alteration.
- 6.66-28.00 Minor epidote healed fracturing at 65-75° to CA.
- 8.22-10.22 Moderately soft pervasive chloritic alteration.
- 7.76-8.07 Moderately hard medium grey pervasive calcite alteration and chlorite-calcite healed fractures at 50° to CA.
- 8.07-8.32 3% grey calcite fracture filling.
- 13.77-14.02 soft chloritic alteration.

				Au PPB	
178	8.82-10.22	1.40	17	Strong, pervasive, and soft pale grey calcite-chlorite alteration centred on 4 cm carbonate vein at 9.41. Stained mauve by potassium ferri cyanide (KFC). chlorite healed fractures at 70-90° to CA.	
				9.41 4 cm carbonate vein with chloritic slip walls at 80° to CA. 60% opaque cream coloured Fe-carbonate and 40% grey calcite.	
				10.00-10.50 5% grey calcite fracture filling at 35-60° to CA.	
	11.25	-	-	Trace Py.	
179	13.65-15.05	1.40	19	Moderately soft medium green chloritic alteration centred on 6.0 cm calcite vein at 13.90.	

Dark green chlorite healed fractures.

13.90 6 cm fine grained greenish grey calcite vein
with chloritic slip walls at 85° to CA.
5% wispy dark green chlorite and trace
Py to 1 mm.

			Au PPB	
180	15.05-16.00	0.95	31	15.10 One speck Cpy.
181	16.00-17.00	1.00	68	Average of two. 16.10 1 cm fine grained grey calcite vein at 70° to CA. 2% 0.5 mm disseminated Py. 6 cm moderate wall rock epidote alteration. 16.18 1.5 cm fine grained grey calcite vein at 70° to CA. 2% 0.5 mm disseminated Py. 9 cm moderate wall rock epidote alteration. 16.42-17.00 Prominent epidote fracture filling at 70° to CA. parallel two calcite veins. 17.44-17.48 - - Several specks Cpy.
182	19.00-20.47	1.47	10	19.37 1 mm speck Cpy. 20.45 several specks Cpy in epidote fracture filling at 05° to CA. 20.47 several specks Cpy in epidote fracture filling at 05° to CA.
183	23.33-24.80	1.47	14	23.70 0.2X2 mm speck Cpy in epidote fracture filling. 24.02 Minor Py in 3.0 cm epidote alteration band at 60° to CA. Trace Cpy in epidote fracture filling at 00° to CA. 24.35 Trace Cpy in epidote fracture filling at 45° to core axis.

				Au PPB
184	24.80-26.23	1.43	29	25.11 1x10 mm Py in white fracture filling at 35° to CA. 25.58 3X1.5 mm Py in chloritic fracture filling at 60° to CA. 25.89 Minor Py in silicious alteration patch. 25.99 Minor Py in chloritic fracture filling at 35° to CA.
185	26.23-27.13	0.90	19	Average of two.
186	27.13-28.00	0.87	12	27.90-28.00 1.5 cm calcite vein at 00° to CA along one side of core. 10% hematite filling spaces between 3 mm quartz crystals.
187	28.00-28.44	0.44	247	28.15-28.29 2.0 cm quartz vein at 30° to CA. 25% calcite in orange to greenish cherty quartz. Trace Cpy. 28.29-28.37 10% Cpy as 0.5 cm seam of massive Cpy perpendicular to vein at 28.29.
188	28.44-29.10	0.66	21	28.29-30.00 Trace Cpy in calcite fracture filling with minor orange quartz at low angle to CA.
189	29.10-29.84	0.74	72	See sample 188
190	29.84-31.17	1.33	36	30.00-31.00 10% calcite veining at 00-10° to CA. Orange silicate along walls and as fracture filling. 10% of veining is hematite filling fractures parallel to the vein walls. Trace Cpy.

Au PPB

	31.67	-	-	Trace Cpy in orange feldspar-quartz stringer at 70° to CA.
	33.85-36.30	-	-	1% calcite fracture filling at low angle to CA.
191	35.79-37.15	1.36	13.5	Average of Two. 5% calcite fracture filling and veining at 00-05° to CA. Fracture filling and veining is 50% red hematite.
192	37.15-38.62	1.47	14	See sample 191.
193	38.62-40.00	1.38	nil	38.33-39.95 0.3-0.5 cm calcite vein with 60% earthy red to black specular hematite and trace Cpy at 00° to CA.
194	40.00-41.50	1.50	5	40.00-42.00 Minor calcite fracture filling at 00-30° to CA.
195	44.33-45.73	1.40	20	44.77 2 mm hematite fracture filling. 44.77-46.30 0.5% calcite fracture filling.
196	45.73-46.80	1.07	10	46.30 Minor hematite in calcite fracture filling.
197	46.80-47.87	1.07	39	47.87 Minor hematite in calcite fracture filling.
198	47.87-49.33	1.46	12	Soft chloritic alteration stained blue by KFC. 2% wispy calcite fracture filling and 2% very fine grained hematite fracture filling; both increasing down the hole towards the deformation zone below.

49.33 53.70 DEFORMATION ZONE, SILICIFIED.

60% of unit is very hard intense silicification as very hard silicified breccia fragments in white to greenish white quartz.

Some fragments are red due to hematization.
Younger quartz veining cuts older quartz veining and breccia filling.

40% moderately soft relict very fine grained pale green basalt with chloritic alteration.

NB

49.52-49.70 FAULT

Laminated friable and chloritic fault gouge .

1-10 cm rounded breccia fragments loosely cemented by dark green chlorite.

Many fragments are silicified rock.

The leading edge of the fault is 3 cm of very fine mud gouge.

49.70-49.82 Strongly sheared gradational from fault to relatively competent silicified rock.

ALTERATION AND MINERALIZATION

201	49.33-50.81	1.48	14	
202	50.81-52.09	1.28	149	Average of two.
203	52.09-53.55	1.46	26	
204	53.55-54.07	0.52	3	

53.70 55.08 BASALT, MASSIVE.

Medium green, medium grained flow

Sharp natural lower contact at 50° to CA.

Non-magnetic above 54.49. Magnetic below 54.49.

ALTERATION AND MINERALIZATION.

			Au PPB		
205	54.07-54.42	0.35	5	53.70-54.46	Pervasive soft chloritic alteration. 54.25 4.0 cm banded vein at 65° to CA. 40% dark green chloritic bands. 60% grey calcite 0.3% Cpy.
206	54.42-55.10	0.68	7	54.46-55.08	Moderately soft very weak epidote alteration of groundmass

55.08 55.40 MAFIC DIKE, NON-MAGNETIC
 Medium greenish grey mafic dike at 50° to CA.
 Sharp natural (frozen) contacts.
 Dike is fine grained and chilled to fine grained at contacts.
 Dike is aphanitic along upper contact.

ALTERATION AND MINERALIZATION:
 Minor epidote fracture filling.

55.40 121.00 BASALT, MASSIVE MEDIUM GRAINED, MAGNETIC.
 Medium green, locally with yellowish cast due to epidote
 alteration of groundmass.
 Medium grained, uniform and massive. Moderately hard and
 magnetic.
 Locally dark spots give coarse grained appearance (patchy
 chlorite alteration).

61.81-62.80 Fine grained section. Possible flow contact (no flow contact defined).

94.25-106.00 Non-magnetic.

110.30-115.92 Moderately magnetic.

115.92-117.54 Weakly magnetic

117.54-119.00 Non-magnetic.

119.00-121.00 Magnetic.

ALTERATION AND MINERALIZATION:

Pervasive weak epidote alteration of groundmass gives core yellowish cast.

55.44-77.35 1.5% calcite fracture filling to 1.0 cm.

77.35-81.40 0.5% calcite fracture filling to 0.5 cm and calcite veining as noted below.

81.40-94.00 1.5% calcite fracture filling to 0.5 cm and calcite veining as noted below.

94.29-109.32 ALTERATION ZONE. Chlorite-carbonate-silicified alteration zone. No epidote except as noted below.

207 55.10-56.58 1.48 4 55.80 3.0 cm band of strong epidote alteration at 45° to CA.

56.37-56.57 Strong epidote alteration of groundmass and epidote fracture filling at 40° to CA.

208 56.58-57.58 1.00 40 Average of two.

56.60 0.3 cm calcite-hematite fracture filling at 45° to CA and 0.4 cm calcite-hematite fracture filling 10° to CA offsetting

				other fracture filling by 1.0 cm.
				57.30 1.0 cm calcite vein at 10° to CA. 1% Cp, 1% Py and 3% hematite and 0.3 cm calcite vein with 1% 3 mm hematite crystals.
				57.44-57.56 0.5 cm calcite vein with 20% fine specular hematite crystals at 30° to CA intersecting 1.0 cm white calcite quartz vein with minor Cpy, Py and hematite.
				54.54-57.82 Non-magnetic strong epidote alteration of groundmass at 70° to CA.
			Au PPB	
209	57.58-58.94	1.36	41	Broken ground. (0.16 metre) of lost core. 58.07 2 mm speck Cpy.
	60.37	-	-	2.0 cm calcite epidote vein at 70° to CA. 2% hematite and trace Cpy.
	61.17	-	-	3.0 cm patch epidote alteration.
	63.67-63.72	-	-	Strong epidote alteration.
210	64.87-65.33	0.46	10	Strong pervasive calcite alteration with 5% calcite fracture filling
	64.92-77.35	-	-	Epidote alteration minor and restricted to least altered sections.
211	65.33-65.64	0.31	17	65.06-65.80 Non-magnetic 65.53-65.57 4.0 cm grey silicified zone with vague greenish white to white quartz banded at 70° to CA. <1% scattered Cpy. 65.61-66.12 Strong pervasive calcite alteration with 3% calcite fracture filling.
212	65.64-66.20	0.56	14	65.31-65.53 Very soft dark green (white speckled) chlorite alteration stained blue by KFC.

	67.65-72.21	-	-	Non-magnetic.
	67.26-68.56	-	-	Strong, bleached, pervasive calcite alteration and weak chlorite alteration.
213	68.70-69.53	0.83	51	68.56-72.07 Moderately strong white speckled chlorite alteration. Moderately soft-moderately hard.
				69.06 1.0 cm vein with fine grained chloritic quartz-calcite intergrowth. Vein has strong slip walls and is the focus of alteration described above. Vein is 1% disseminated Py.
				69.35 2.0 cm vague silicification band of greenish white quartz.
214	69.53-70.77	1.24	337.5	See sample 213. Average of two.
				69.81 1.0 cm fine grained quartz band with 5% red hematite at 75° to CA. 3% disseminated Py.
				70.30 1.0 cm grey quartz band at 60° to CA. 1% disseminated Py.
				70.38 1.0 cm fine grained quartz-calcite intergrowth vein at 135° to CA relative to vein at 70.30. Minor hematite and Py.
215	70.77-71.57	0.80	45	See sample 213.
				71.50 0.5 cm quartz vein at 75° to CA.
216	71.57-72.17	0.60	72	See sample 213.
				71.70-72.00 15% irregular quartz stringers to 0.8 cm at 35-50° to CA. 1% Py to 3 mm.

Au PPB

	72.07-73.08	-	-	Strong pervasive calcite alteration.
	73.08-74.46	-	-	Weak pervasive calcite alteration.
	74.23	-	-	1.0-2.0 cm calcite-quartz vein with 5% epidote at 30° to CA.
217	74.46-75.88	1.42	nil	74.46-76.66 Strong pervasive calcite alteration. 72.00-77.35 3% 1-5 mm calcite ° to CA. 74.94-75.50 Strong white speckled chlorite alteration. Moderately soft dark green with angular white specks. 74.94-75.63 Non-magnetic
	76.66-76.81	-	-	Weak chlorite alteration zone. White speckled.
	76.66-76.90	-	-	Non-magnetic.
	77.35-93.42	-	-	Pervasive weak epidote alteration of groundmass and locally epidote fracture filling.
218	80.97-81.91	0.94	9	
219	80.07-82.84	0.93	33	81.70-88.00 0.5 cm black chloritic spotting (normal igneous texture preserved). 81.95-82.77 Moderately hard silicified chlorite alteration. 5% calcite fracture filling to 0.8 cm at 57, 30 and 110° to CA. 81.97 Cpy in 2 mm calcite fracture filling. 82.38-82.45 Minor disseminated Cpy 82.54 2.0 cm quartz vein at 55° to CA. Calcite filling vug in quartz vein. Minor Cpy in wall rock along edge of vein.
220	82.84-83.98	1.14	21	
	83.95-85.00	-	-	Non-magnetic.

				Au PPB
	83.99-84.31	-	-	Strong epidote alteration of groundmass focused on 4 mm quartz fracture filling at 84.09 at 65° to CA.
	84.46-85.37	-	-	Moderately hard chloritic alteration. Locally weakly developed white angular speckles. Weakly silicified. 2% calcite fracture filling.
	84.61	-	-	2 mm hematite fracture filling at 30° to CA.
	84.70	-	-	1.5 cm massive white quartz vein at 40° to CA.
233	85.78-86.41	0.43	19	Average of two. 86.10 Trace disseminated Cpy.
	86.75	-	-	86.75 2 mm quartz fracture filling with 1 mm hematite along edge at 60° to CA and 5 mm hematite fracture filling and late slip at 120° to CA.
	88.02	-	-	2 mm calcite-quartz fracture filling along 1 mm hematite fracture filling at 70° to CA. Trace Py.
	89.23	-	-	Friable chloritic fracture and 3 mm calcite-hematite fracture filling at 20° to CA.
221	92.22-92.84	0.62	86	92.60 2 cm chlorite-calcite vein at 45° to CA with 10% red hematite. Prominent epidote alteration within 10.0 cm of vein.
	94.29-109.32	-	-	ALTERATION ZONE. Chlorite-carbonate-silicious alteration with no epidote except as noted below.
222	95.73-97.00	1.27	19	94.29-97.21 Chlorite alteration dominant. Moderately soft with dark green with angular white speckles. Alteration cut

			Au PPB		
					by wispy silicification. and minor quartz-calcite fracture filling.
				96.31-96.42	6-0% quartz breccia filling.
223	97.00-98.34	1.34	3	96.42-101.11	Medium green to dark green silicification dominant. Very hard with moderately hard sections. Vague quartz flooding.
				97.42-98.95	DEFORMATION ZONE. Sheared throughout at 30 ° to CA with slickensides at 90° to CA when viewed down onto the slip.
	98.70	-	-		0.5 mm earthy green chloritic gouge on slip at 30° to CA.
	98.95	-	-		0.5 mm earthy green gouge probably at 30-40° to CA, possibly 70° to CA. Gouge smeared on two slips. Some score ground.
	99.80-99.94	-	-		FAULT. Sheared chloritic rock fragments to 1.5 cm thick.
	97.00-100.00	-	-		Possibly 0.60 m lost core. Lost core assumed to be at 99.21-99.81.
224	100.32-101.11	0.79	2		
	101.11-101.33	-	-		Intense dark green very soft white speckled chlorite alteration. No fracture filling.
	101.33-105.24	-	-		Medium-dark green, very soft chloritic alteration with prominent black chlorite fracture filling at 25 and 130° to CA. (Possible altered dike).
440	103.18-104.62	1.44	5		
441	104.62-106.06	1.44	3	104.45-105.24	8% calcite fracture filling.
				105.24	Contact between very fine grained chloritic alteration above and dark green speckled

chlorite alteration below.

105.24-105.97 Dark green white speckled chlorite alteration. Very soft, fine grained 5% white calcite fracture filling to 0.4 cm.

105.97-106.35 Aphanitic pale green very soft chlorite alteration. possible altered dike. irregular sharp natural contacts at approximately 40° to CA.

105.10-109.00 Weak to moderate pervasive calcite alteration.

			Au PPB	
225	106.06-107.50	1.44	1023.5	Average of two. 106.35-109.32 Strong chlorite alteration, medium green, soft-moderately soft with 10% irregular calcite-chlorite veining to 1 cm with orange feldspar coating walls.
226	107.50-109.00	1.50	33	See sample 225.
227	109.00-109.32	0.32	99	109.18 4.0 cm banded grain reduced calcite vein. 25% dark green chlorite bands (probably from walls). 3% pale green epidote. Minor fine grained Py (<1%) scattered in vein and wall rock over 10 cm.
	109.32-117.67	-	-	Weak epidote alteration of groundmass. Minor epidote fracture filling. Rare calcite-hematite fracture filling.
234	111.55-112.73	1.18	nil	111.70 0.5 cm calcite fracture filling with minor hematite and Cpy.

Au PPb

				112.42-112.49	Two 0.4 cm calcite fracture filling with minor hematite and epidote and trace Py.
	115.28	-	-	115.28	0.5 cm cal fracture filling with minor hematite and trace Py.
228	115.92-116.89	0.97	57	116.28-117.67	2% calcite fracture filling to 2 mm.
229	116.89-117.08	0.19	7	1.0 cm	coarse grained black specular hematite band at 70° to CA with 3% Cpy. 3 cm epidote alteration beside hematite band.
230	117.08-118.00	0.92	5	1176.67-119.59	Strong, moderately soft, medium to dark green chlorite alteration with 3% calcite fracture filling to 3 mm.
231	118.00-119.00	1.00	3	118.62-118.70	Coarse grained (to 3 cm) white calcite vein with strong slip walls at 40° to CA. 20% wall rock breccia fragments. Stained mauve by KFC.
232	119.59-121.00	1.41	19		Weak epidote alteration of groundmass. 1-2% calcite fracture filling to 4 mm.
121.00	END OF HOLE				

Assay Summary 96-40

Sample No.	From	To	Length	Au PPB
178	8.82	10.22	1.40	17
179	13.65	15.05	1.40	19
180	15.05	16.00	0.95	31
181	16.00	17.00	1.00	68 (Av.)
182	19.00	20.47	1.47	10
183	23.33	24.80	1.47	14
184	24.80	26.23	1.43	29
185	26.23	27.13	0.90	19
186	27.13	28.00	0.87	12
187	28.00	28.44	0.44	247
188	28.44	29.10	0.66	21
189	29.10	29.84	0.74	72
190	29.84	31.17	1.33	36
191	35.79	37.15	1.36	13.5 (Av.)
192	37.15	38.62	1.47	14
193	38.62	40.00	1.38	nil
194	40.00	41.50	1.50	5
195	44.33	45.73	1.40	20
196	45.73	46.80	1.07	10
197	46.80	47.87	1.07	39
198	47.87	49.33	1.46	12
201	49.33	50.81	1.48	14
202	50.81	52.09	1.28	149 (Av.)
203	52.09	53.55	1.46	26
204	53.55	54.07	0.52	3
205	54.07	54.42	0.35	5

Assay Summary (cont'd) 96-40

Sample No.	From	To	Length	Au PPB
206	54.42	55.10	0.68	7
207	55.10	56.58	1.48	4
208	56.58	57.58	1.00	40 (Av.)
209	57.58	58.94	1.36	41
210	64.87	65.33	0.46	10
211	65.33	65.64	0.31	17
212	65.64	66.20	0.56	14
213	68.70	69.53	0.83	51
214	69.53	70.77	1.24	337.5 (Av.)
215	70.77	71.57	0.80	45
216	71.57	72.17	0.60	72
217	74.46	75.88	1.42	nil
218	80.97	81.91	0.94	9
219	81.91	82.84	0.93	33
220	82.84	83.98	1.14	21
233	85.78	86.41	0.43	19 (Av.)
221	92.22	92.84	0.62	86
222	95.73	97.00	1.27	19
223	97.00	98.34	1.34	3
224	100.32	101.11	0.79	2
440	103.18	104.62	1.44	5
441	104.62	106.06	1.44	10
225	106.06	107.50	1.44	1023.5 (Av.)
226	107.50	109.00	1.50	33
227	109.00	109.32	0.32	99
234	111.55	112.73	1.18	nil

Assay Summary (cont'd) 96-40

Sample No.	From	To	Length	Au PPB
228	115.92-116.89		0.97	57
229	116.89-117.08		0.19	7
230	117.08-118.00		0.92	5
231	118.00-119.00		1.00	3
232	119.59-121.00		1.41	19

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-41 Property: McGarry Township
Core Size: BQ Casing: Left
Coordinates: 13+50N, 19+86E

Depth: 150.0 m.

Azimuth: 5°

Dip: -45°

Start Date: December 11, 1996

Finish Date: December 14, 1996

Drilled by Kosy Diamond Drilling

Logged By Douglas Robinson

All Measurements in Meters

Meterage

From	To	Description
0.0	7.39	OVERBURDEN Boulders

7.39 29.43 DIORITE, MAGNETIC, COARSE GRAINED

Medium green, 40-50% equant greenish white feldspar grains from
0.5-2.0 mm in dark green mafic groundmass.

Locally hornblende crystals to 2X5 mm.

Massive with variation.

Moderately hard.

This unit is transitional in appearance between the typical
magnetic phase with elongated feldspar and the typical non-
magnetic phase with equant feldspar.

23.35-24.31 Non-magnetic section but otherwise similar to the
host unit.

Hole Number 96-41

Douglas Robinson
Feb 15, 1997

ALTERATION AND MINERALIZATION:

			Au PPB	
	7.37-23.35	-	-	very competent ground.
335	13.20-13.86	0.66	93	13.30 1.5 moderate epidote alteration at 60° to CA. 13.57-13.68 Moderate epidote alteration band at 75° to CA centred on straight slip.
336	15.82-17.26	1.44	22	Barren
337	17.26-18.14	0.88	1097	Barren
338	18.14-19.15	1.01	23943.3	Average of three. 18.26-18.52 0.4 mm calcite fracture filling at 00° to CA with 10% Cpy and 5% Py.
339	19.15-20.13	0.98	509	
340	20.13-21.45	1.32	26	Barren
341	25.74-27.14	1.40	24	Minor Epidote alteration.
29.43	30.90	DIORITE DIKELET. Medium grey to medium pinkish grey, fine to medium grained ;very fine grained at chilled contacts against unchilled host rock. Upper contact at 58° to CA along 0.4 cm calcite-epidote fracture filling and loose slip. Sharp natural lower contact at 57° to CA cutting course grained diorite below.		

ALTERATION AND MINERALIZATION.

Appears to be silicified with some ghosting of igneous texture.

30.90 41.70 DIORITE, MAGNETIC, COARSE GRAINED.

Generally dark green, coarse grained with elongate feldspar and mafic minerals. Pronounce variation of grain size from fine grained to coarse grained with coarse grained sections dominant. Vague transitional boundaries at grain size changes.

Short sections with 2-3 mm equant feldspar are weakly magnetic.

41.70 Sharp contact along strong slip at 50° to CA.

1 cm epidote alteration along slip.

ALTERATION AND MINERALIZATION.

Very competent ground.

All tags below 30 metres are 3 metres out.

ie tag 33 metres should read 36 metres.

40.15-43.96 Weak to strong pervasive epidote alteration of groundmass that appears to be associated with minor fracture filling at 00° to CA.

41.70 76.82 DIORITE, MAGNETIC, FINE TO MEDIUM GRAINED.

Medium greenish grey to medium grey, magnetic and very hard.

Grades from very fine grained at 41.70 to fine grained from 48.00-52.50. At 52.50 grades to medium grained.

52.50-76.80 generally medium grained with fine grained sections.

41.70-61.80 medium greenish grey and hard.

61.80 Sharp natural contact at 50° to CA between med grained

diorite above and very fine grained diorite below.
 From 61.80 grades to medium grained diorite at 62.00.
 61.80-76.82 Medium grey hard diorite.
 55.45-55.59 very fine grained dark grey green dike 90°
 to CA.

ALTERATION AND MINERALIZATION.

No apparent alteration except weak calcite alteration indicated
 by mauve staining by Potassium ferri cyanide (KFC). and epidote
 alteration along a few healed fractures.

<0.5% hairline calcite fracture filling.

47.35 1.2 cm calcite vein at 75° to CA with two slip walls.

342	50.12-51.54	1.42	89	Minor weak epidote fracture filling.
343	51.54-52.52	0.98	10	Minor weak epidote fracture filling.
344	52.52-52.98	0.46	1084.5	Fine grained Py masses invading wall rock from healed hairline fractures at 30° to CA. Average of two.
345	52.98-54.29	1.31	14	Weak calcite alteration of wall rock. Weakly effervescent in 10% Hcl.
346	54.29-55.74	0.45	43	0.5% fine grained disseminated Cpy and hairline calcite-quartz-epidote fracture filling.
347	55.74-56.64	0.90	45	Trace Cpy along hairline fracture filling at 00° to CA. Minor epidote fracture filling.
348	56.64-56.92	0.28	149	Silicified speckled dark green chloritic alteration on 1 cm white calcite vein at 60° to CA. Coarse Py along healed fracture filling at 00° to CA (0.2% Py overall).
349	56.92-57.31	1.39	34	Trace Cpy and minor Py along healed fracture filling at 0° to core axis.

			Au PPB	
				54.13 1 mm hematite fracture filling at 35° to CA. Minor disseminated Cpy in wall rock beside fracture filling.
350	57.31-58.65	1.34	23	Barren.
289	58.65-59.49	0.84	97	0.2% scattered disseminated Cpy and minor white hairline calcite fracture filling.
290	59.49-60.25	0.76	21	Minor chlorite fracture filling.
291	60.25-60.91	0.66	185	0.2% scattered disseminated Cpy sections. Minor epidote alteration along minor calcite fracture filling at 55° to CA.
292	60.91-61.73	0.82	38	Trace Cpy and minor Py in calcite fracture filling at 00° to CA. Minor epidote fracture filling at 65° to CA.
293	61.73-63.16	1.43	31	Minor disseminated Py and trace disseminated Cpy. 62.50 20% Py in 2mm epidote-pyrite seam.
294	63.16-64.61	1.45	22	Numerous hairline to 1 mm epidote fracture filling commonly at 60° to CA. 63.70 1 cm calcite vein at 60° to CA. Minor epidote, 1% fine grained disseminated Py over 2 mm in and beside vein. 64.50 Prominent loose chlorite slip at 05° to CA. 64.60 1.5 cm dark green-grey fine grained chloritic cherty calcite vein at 60° to CA with 5% 1 mm magnetite grains and 1% wispy Cpy.
295	64.61-66.00	1.39	58	Py in and near healed fractures. 65.0066.60 1% fine grained disseminated Py.
296	66.00-67.43	1.43	33	Minor disseminated Py.

			Au PPB	
297	67.43-68.92	1.49	72	67.43-67.58 0.2% very fine grained disseminated Cpy. 67.58-68.53 5% fine grained patches of Py to 4 mm disseminated throughout core. 68.53 1% fine grained disseminated Py.
298	68.92-69.97	1.05	130	Minor epidote alteration. 69.63-69.77 3% disseminated Py.
299	69.97-71.16	1.19	3497	1% Cpy as disseminated Cpy and Cpy in calcite fracture filling to 5 mm at 00° to CA. Average of two.
300	71.16-71.72	0.56	27	Barren. Average of two.
351	71.72-73.12	1.40	19	72.40-74.47 3% fine grained disseminated Py.
352	73.12-74.58	1.46	33	3% fine grained disseminated Py.
353	74.58-75.98	1.40	527.5	1 mm Py in prominent healed epidote fracture filling at 25° to CA. Average of two. 75.35 2.5 cm banded calcite chlorite vein with one strong slip wall at 20° to CA. 75.40-75.98 strong epidote fracture filling at various angle to CA.
354	75.98-77.43	1.45	72	75.98-76.84 Dark green chlorite to 2 mm in healed fractures at 65° to CA. 76.55 2 cm banded opaque white calcite and dark green chloritic vein at 55° to CA with one strong slip wall. Minor calcite fracture filling near vein.

76.82 92.00 DIORITE, TRANSITIONAL, MAGNETIC, COARSE GRAINED.
Medium green, massive magnetic diorite.

50% 1 mm equant feldspar grains. Magnetic

ALTERATION AND MINERALIZATION.

	79.64-82.50	-	-	Scattered dark green chlorite fracture filling to 5 mm at 70° to CA (Some at 30° to CA).
	83.84-84.00	-	-	Moderate epidote alteration banding at 65° to CA.
355	84.79-85.53	0.74	15	0.5% medium grained disseminated Py associated with calcite fracture filling at 20° to CA.

92.00 99.30 DIORITE, MAGNETIC, COARSE GRAINED.
Normal magnetic diorite.
Medium green. 50:50 elongated feldspar and mafic crystals (1X3 mm).

ALTERATION AND MINERALIZATION.

356	91.75-93.10	1.35	51	91.75-92.70 Patchy weak to moderate epidote alteration. 92.05 3 cm strong epidote alteration at 60° to CA. 92.60 5% Py over 5 mm along loose chlorite fracture filling at 20° to CA.
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97.77 - - 6 cm strong epidote alteration at 30° to CA.

99.30 107.37 DIORITE, NON-MAGNETIC COARSE GRAINED.
Medium green, coarse grained.
50-60% 1-3 mm equant feldspar grains.
Non-magnetic with minor short weakly magnetic sections.

ALTERATION AND MINERALIZATION.

357	98.84-99.67	0.83	53	98.84-101.20	Minor medium grained disseminated Py throughout. 99.38 5% fine grained disseminated Py in 1 cm epidote alteration band at 35° to CA.
358	99.67-100.44	0.77	27		
432	100.44-100.80	0.36	14.5		Average of two.
359	100.80-101.54	0.74	3005.7	101.35	3 mm massive Py band at 40° to CA. Average of three. Trace disseminated Cpy.
433	101.54-103.12	1.58	26	102.80-105.00	Increase in epidote alteration as epidote fracture filling at 60° to CA and as weak alteration of groundmass.
360	105.94-106.88	0.94	17		
361	106.88-107.37	0.49	15		grades from weak to strong calcite alteration stained mauve by KFC. 107.04 1.0 cm fine grained white calcite vein at 60° to CA. 107.30 1.5 cm fine grained white calcite vein at 30° to CA.

107.37 110.59 DEFORMATION ZONE.

Light grey very softy to soft intense pervasive calcite alteration stained strong mauve by KFC.

Igneous texture weakly preserved except in sheared sections.

ALTERATION AND MINERALIZATION.

362	107.37-108.12	0.75	26	107.37-108.24	0.5% fine grained disseminated Py.
363	108.12-108.49	0.37	183	108.24-108.39	Quartz vein at 75° to CA parallel to foliation below. 20% very coarse grained opaque white calcite filling quartz vug with quartz crystals to 4 mm diameter. Calcite stained mauve by KFC. 5% schistose wall rock inclusions.
364	108.49-109.37	0.88	49	108.39-108.44	0.5% Cpy. Average of two. 108.39-109.38 FOLIATED DEFORMATION ZONE. 50% Yellow green sericite foliation and 50% calcite lenses to 5 mm thick interbanded at 75-90° to CA. Weakly contorted. Trace very fine grained Py.
365	109.37-110.12	0.75	31	109.38-110.59	5% fine grained white calcite fracture filling at 60° to CA sub-parallel to foliation above. Trace fine grained Py. 109.63 4 cm quartz-calcite vein at 55° to CA. 50% quartz with calcite as vug filling in centre. 0.5 cm fine grained grey-white calcite along lower edge of vein. 3 mm patch Cpy in vein. 2 cm strongly foliated sericite schist along edge of vein.

Au PPB

366 110.12-110.59 0.47 46

110.59 116.40 BASALT, NON-MAGNETIC, MEDIUM GRAINED.

Possible phase of diorite above.

Medium green, medium grained uniform and massive.

Salt and pepper igneous texture.

Moderately hard, non-magnetic.

Upper contact gradational into alteration zone above.

Sharp natural frozen lower contact at 05° to CA. Unit grades to fine grained over 0.5 metres with fine grained basalt in contact with aphanitic basalt of unit below..

ALTERATION AND MINERALIZATION.

367	110.59-111.53	0.94	43	110.59-111.52	Soft calcite alteration decreasing in intensity down the hole
368	111.53-112.96	1.43	24	111.52-116.40	Minor epidote fracture filling at various angles including 40° to CA.
369	115.87-116.26	0.39	117	116.15	3 cm epidote-calcite alteration band at 79° to CA. 5% Cpy

116.40 150.00 BASALT, FINE GRAINED.

Medium-dark green, aphanitic to fine grained basalt flows.

From 116.40-135.00 the flows tend to be fine grained with aphanitic chill margins.

From 130.00 to 150 the flows very fine grained with no flow margins identified.

- 116.31-116.95 Contact at 00-05° to CA along core axis.
 Aphanitic chill in sharp natural contact with fine grained basalt above.
 Unit grades downwards to fine grained massive basalt.
- 119.62 Flow contact? Epidote alteration along change in grain size with very fine grained basalt in contact with fine grained basalt above. Contact obscured.
- 123.74 Aphanitic basalt in contact with fine grained basalt above (30° to CA). Epidote along contact. Unit grades downwards to medium grained basalt.
- 124.00-125.00 1.0 cm irregular aphanitic (self dike) at 00° to CA following old fracture.
- 125.50 125.50 Aphanitic basalt in sharp natural contact with fine grained basalt above (30° to CA). Unit grades downwards to medium grained basalt.
- 126.57 Aphanitic basalt in sharp natural contact with fine grained basalt above at 65° to CA. Epidote along contact.
- 135.00 Gradational contact not defined.

ALTERATION AND MINERALIZATION.

Minor hairline to 2 mm epidote fracture filling throughout.

119.57-119.62 5 cm calcite-epidote along flow contact at 85° to CA. 1% Py.

434	120.00-120.88	0.88	7	Minor epidote fracture filling.
370	120.88-121.57	0.69	1011	Average of two.
	120.90-123.85			Soft calcite-chlorite alteration stained mauve by KFC.

				Au PPB
435	121.57-122.00	0.43	41	Minor epidote alteration. 121.07 1.0 cm chlorite band with epidote at 15° to CA.
371	122.00-123.00	1.00	84	122.47 3.0 cm calcite vein at 30° to CA along strong slip with 1 mm rusty gouge. Vein is 40% chloritic wall rock fragments. 1% fine disseminated Py to 4.0 cm from vein. 122.80 1.0 & 3.0 cm calcite veins at 140° to CA rotated 90° relative to vein at 122.47.
372	129.00-130.33	1.33	623	Average of two. 129.20 2 mm py at 30° to CA and Cpy on slip at 70° to CA.
373	130.33-132.00	1.67	31	130.39-133.20 1-3% disseminated patches of fine grained Py to 3 mm and Py patches invading wall rock from healed fractures at 00-05° to CA. 131.37 Minor calcite fracture filling at 30° to CA.
374	132.00-133.27	1.27	231	
	134.76-134.82	-	-	Minor Py in epidote alteration.
	137.04	-	-	1.0 cm calcite-epidote in loose fracture.
375	138.60-140.00	1.40	21	138.89, 139.24 & 139.50 Minor Py in epidote alteration.
376	143.44-143.70	0.26	48	143.98 Minor Py in epidote alteration. 143.60 0.8 cm epidote alteration band at 30° to CA. 5% Cpy and 5% Py.
	146.00-150.00	-	-	Very dark green chloritic appearance.
	148.58-149.20	-	-	Moderately soft very dark green chloritic alteration. No white specks.
377	149.00-149.36	0.36	12	149.20 2 cm pale yellow epidote alteration band at 30° to core axis. 0.5% Cpy.

12

150.00 END OF HOLE

Hole Number 96-41

Assay Summary 96-41

Sample No.	From	To	Length	Au PPB
335	13.20	13.86	0.66	93
336	15.82	17.26	1.44	22
337	17.26	18.14	0.88	1097
338	18.14	19.15	1.01	23943.3 (Av.)
339	19.15	20.13	0.98	509
340	20.13	21.45	1.32	26
341	25.74	27.14	1.40	24
342	50.12	51.54	1.42	89
343	51.54	52.52	0.98	10
344	52.52	52.98	0.46	1084.5 (Av.)
345	52.98	54.29	1.31	14
346	54.29	55.74	0.45	43
347	55.74	56.64	0.90	45
348	56.64	56.92	0.28	149
349	56.92	57.31	1.39	34
350	57.31	58.65	1.34	23
289	58.65	59.49	0.84	97
290	59.49	60.25	0.76	21
291	60.25	60.91	0.66	185
292	60.91	61.73	0.82	38
293	61.73	63.16	1.43	31
294	63.16	64.61	1.45	22
295	64.61	66.00	1.39	58
296	66.00	67.43	1.43	33
297	67.43	68.92	1.49	72
298	68.92	69.97	1.05	130
299	69.97	71.16	1.19	3497 (Av.)

Hole Number 96-41

Assay Summary (cont'd.) 96-41

Sample No.	From	To	Length	Au PPB
300	71.16	71.72	0.56	27
351	71.72	73.12	1.40	19
352	73.12	74.58	1.46	33
353	74.58	75.98	1.40	527.5 (Av.)
354	75.98	77.43	1.45	72
355	84.79	85.53	0.74	15
356	91.75	93.10	1.35	51
357	98.84	99.67	0.83	53
358	99.67	100.44	0.77	27
432	100.44	100.80	0.36	14.5 (Av.)
359	100.80	101.54	0.74	3005.7 (Av.)
433	101.54	103.12	1.58	26
360	105.94	106.88	0.94	17
361	106.88	107.37	0.49	15
362	107.37	108.12	0.75	26
363	108.12	108.49	0.37	183
364	108.49	109.37	0.88	49 (Av.)
365	109.37	110.12	0.75	31
366	110.12	110.59	0.47	46
367	110.59	111.53	0.94	43
368	111.53	112.96	1.43	24
369	115.87	116.26	0.39	117
434	120.00	120.88	0.88	7
370	120.88	121.57	0.69	1011 (Av.)
435	121.57	122.00	0.43	41
371	122.00	123.00	1.00	84
372	129.00	130.33	1.33	623 (Av.)
373	130.33	132.00	1.67	31

Hole Number 96-41

Assay Summary (cont'd.) 96-41

Sample No.	From	To	Length	Au PPB
374	132.00-133.27		1.27	231
375	138.60-140.00		1.40	21
376	143.44-143.70		0.26	48
377	149.00-149.36		0.36	12

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-42 Property: McGarry Township
Core Size: NQ Casing: Pulled
Coordinates: 13+30N, 19+50E

Depth: 141.0 m.
Azimuth: 359°

Dip: -45°
Start Date: December 19, 1996
Finish Date: December 20, 1996
Drilled by Kosy Diamond Drilling
Logged By Douglas Robinson
All Measurements in Meters

Meterage		Description
From	To	
0.0	6.43	OVERBURDEN Sandy soil. No boulders.
6.43	116.00	DIORITE, Alternating Magnetic and Non-magnetic Medium green, uniform and massive, coarse grained diorite cut by numerous med green magnetic dioritic phases with 5% magnetite grains. Non-magnetic phase tends to be 40-60% greenish white 1-3 mm feldspar grains in dark green mafic groundmass. Mafic minerals in groundmass to 2 mm have dark green cleavages. Hard. Magnetic phase variable in grain size from medium grained (<0.5

Douglas Robinson
Feb 25, 1997

mm) to coarse grained (>1 mm). 0.5-5 mm magnetite grains give this phase a coarser grained appearance.

Magnetic phases as listed below:

6.43-6.82, 9.54-10.45, 12.53-12.68, 14.33-14.59, 15.95-16.86,
17.41-17.56, 20.02-20.57, 24.46-24.72, 26.50-26.67,
27.09-27.60, 29.32-30.40, 31.48-32.18, 32.70-33.68,
34.80-35.15, 36.65-36.98, 40.40-40.49, 41.50-41.62,
44.51-46.88, 49.56-50.34, 50.50-55.24, 55.24-55.53 weakly
magnetic, 55.53-62.52, 63.02-71.00, 71.00-76.08 weakly
magnetic, 76.08-76.57, 77.50-78.08, 78.81-79.58,
80.09-80.53, 81.20-81.65, 82.08-83.10, 91.52-92.50,
92.50-93.24 Non-magnetic alteration of magnetic phase,,
93.24-99.65, 100.45-102.66, 103.50-105.00,
105.00-107.43 Non -magnetic altered magnetic phase,
107.43-107.50, 108.16-108.47, 109.10-109.76,
111.51-111.96, 115.00-116.00. These magnetic sections tend to
have well defined non chilled boundaries without normal
crosscutting relationships.

49.56-55.53 Pronounced varied-textured section with prominent
irregular changes in grain size and colour within the magnetic
phases.

ALTERATION AND MINERALIZATION

6.43-116.00	-	-	Competent ground with widely spaced joints.
6.43	-	-	Faint greenish coloration of feldspar.
6.90-7.30	-	-	Weak greenish yellow discoloration of feldspar.
9.90-10.46	-	-	Greenish epidote alteration of groundmass.

				Au PPB	
	47.00-61.00	-	-	-	Minor epidote fracture filling to 2 mm.
235	10.67-12.04	1.37	17	11.48-12.53	Weak epidote alteration. 11.70 2 cm epidote alteration band at 55° to CA.
	15.97-16.95	-	-	-	Patch of weak epidote alteration.
236	19.01-20.52	1.51	nil	19.12-19.50	Moderate epidote alteration associated with strong slips at 40° to CA.
				20.16-20.32	Weak silicification and chlorite alteration associated with 4 quartz fracture filling to 0.5 cm at 40° to CA.
237	21.91-22.26	0.35	nil	22.11-22.18	8 cm silicified medium grey band at approximately 40° to CA.
	24.16	-	-	-	0.5 cm calcite epidote fracture filling at 30° to CA with trace Py.
	28.24	-	-	-	28.24 3 mm epidote and calcite along slip at 25° to CA.
	30.40	-	-	-	5 mm patch Py and trace Cpy on broken surfaces.
238	31.56-31.99	0.43	67	31.69-31.75	Wispy epidote alteration with 2% fine grained Py over 0.5 cm.
239	33.52-34.91	1.39	385		Average of two. Trace Py at 33.80 & 35.97. 33.68-36.17 Moderate pervasive epidote alteration of groundmass and epidote alteration bands to 0.5 cm at various angle to CA.
240	34.91-36.22	1.31	31		
241	39.93-40.23	0.30	41	40.01-40.04	Strong epidote alteration at 70° to CA. Minor wispy Cpy.
	41.45	-	-	-	0.5 cm epidote calcite alteration band at 55° to CA.
242	43.01-43.89	0.88	5	43.46	3 cm calcite vein at 60° to CA.

			Au PPB	
				White calcite cleavages to 5 mm. 15% yellow green epidote.
				43.32-43.56 Moderate epidote alteration of groundmass.
243	45.27-45.97	0.70	7	
244	45.97-46.73	0.76	141	46.27 Two 0.3-0.5 cm calcite epidote fracture filling at 32° to CA. with 3% Cpy and 1% Py.
				46.49 0.4 cm calcite fracture filling with black chlorite alteration along walls. 3% Py, 0.5% Cpy.
				46.64 1 mm calcite fracture filling with 0.3X1.5 patch of Py and Cpy.
245	46.73-48.17	1.44	nil	
	56.12-57.51	-	-	Occasional 2 mm dark green chloritic bands at 60° to CA.
	56.28	-	-	Trace Cpy in groundmass.
	56.63	-	-	5 mm quartz epidote calcite along loose slip at 25° to CA.
246	56.81-58.25	1.44	9	
	62.93	-	-	62.93 3 mm calcite epidote fracture filling at 70° to CA.
	67.62.67.80	-	-	3% fine calcite fracture filling and weak pervasive epidote alteration of groundmass.
438	66.76-68.22	1.46	5	
247	68.22-69.00	0.78	173	Average of two. 69.03-70.80 low angle calcite fracture filling at 00-10° to CA. Fine py and trace Cpy invading wall rock from fractures (0.5%

			Au PPB	Py overall. Minor epidote alteration bands at 60° to CA.
248	69.00-69.90	0.90	2057	Average of two. See above.
249	69.90-71.00	1.10	485	
439	71.00-72.51	1.51	10	
	71.80	-	-	0.4 cm calcite fracture filling.
250	72.51-74.00	1.49	7	72.71-76.14 Chloritic calcite fracture filling to 0.4 cm at 00-30° to CA.
251	74.00-74.84	0.84	954	Average of two. 74.13-74.26 Strong epidote alteration at 80-90° to CA. with 0.5% fine grained disseminated Py. 74.28-74.70 3% Py Invading wall rock from calcite fracture filling. at low angle to CA.
252	74.84-76.28	1.44	1198.5	75.82-75.82 1% Py associated with epidote alteration and chloritic alteration. Average of two.
	81.50	-	-	Trace Py in healed fracture at 00° to CA.
253	82.04-83.13	1.09	79	2% medium grained disseminated Py and trace Cpy.
254	83.13-83.80	0.67	3	Barren.
256	83.80-85.23	1.43	163	83.80-86.64 Pervasive chlorite alteration of groundmass. Moderately hard. 83.80-87.06 Dark green chloritic fracture filling to 2 mm common.
257	85.23-85.60	0.37	3	83.80-85.55 Chloritic calcite fracture filling along slips at 00-35° to CA. 5-20% epidote alteration at chloritic fracture filling and slips at 00-35° top CA. 84.27-85.59 0.2% Cpy overall. Cpy along and in calcite epidote fracture filling.

			Au PPB	
258	85.60-86.32	0.72	15	
259	86.32-86.64	0.32	38	854 ppm Cu.
				86.50-86.65 4 cm opaque white quartz vein with 30% wall rock fragments and 4% Cpy & 1% Py. Narrow weak chloritic wall rock alteration.
260	86.64-87.40	0.76	nil	
301	89.55-90.01	0.46	7	
302	90.01-90.93	0.92	10	90.38 1 cm coarse calcite vein at 55° to Ca. One slip wall. Dark green chlorite along walls.
303	90.93-92.36	1.43	33	90.55-92.50 Minor Py and Cpy along epidote fracture filling at 00-10° to CA.
304	92.36-93.20	0.84	12354.3	Average of three. 92.50-92.96 10% fracture filling pyrite (masses) along micro-fractures at 00-05° to CA with associated 5% 1-3 mm calcite fracture filling at 35° to CA. 92.70-93.20 50% calcite epidote veining to 1 cm at 00-25° to CA. Trace Cpy and 3% Py. 93.25-97.30 Minor epidote fracture filling.
305	93.20-93.82	0.62	31	
306	96.71-97.30	0.59	10	
307	97.30-98.05	0.75	91	97.50-97.77 0.5% Cpy, and 0.5% Py in micro-fractures at 10-15° to CA.
308	98.05-98.64	0.59	20	Average of two.
309	98.64-99.47	0.83	33	98.75 3 mm chlorite epidote fracture filling with 5% Cpy and 5% Py.

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			Au	PPB	
					99.18-99.30 Minor Cpy and Py associated hairline white fracture filling at 55° to CA.
310	99.47-100.91	1.44	19		
311	100.91-101.56	0.65	41.5	101.13-101.40	Moderate pervasive epidote alteration of groundmass associated with chloritic fracture at 55° to CA. Average of two.
312	103.82-104.76	0.94	81		
313	104.76-106.26	1.50	10303		Average of four. 104.88-106.16 7% pyrite invading wall rock from hairline epidote fracture filling at 15, 60 and 120° to CA. Also minor similar Py at 106.53-106.66.
314	106.26-107.20	0.94	170	106.60	2 cm band of intense epidote alteration at 65° to CA. 106.72-106.95 banded intense epidote-calcite alteration with strong pale grey silicification at 55° to CA. Minor Py and Cpy.
315	107.20-108.58	1.38	115	108.15	Loose rusty fracture along 0.3 cm calcite-epidote fracture filling at 15° to CA.
	112.58-114.34	-	-		1-2 mm dark green chloritic fracture filling at 120 and 20° to CA associated with moderate epidote alteration of groundmass and minor epidote fracture filling at 120° to CA. Trace Py.
316	115.00-116.00	1.00	12		

116.00-124.53 ALTERATION AND DEFORMATION ZONE.

116.00-116.72 medium green moderately soft calcite-chlorite alteration. Igneous texture preserved. the degree of alteration and softness increase towards 116.72.

3% calcite fracture filling

Upper contact of alteration arbitrarily placed at 116.00.

Lower contact at 116.72 sharp at 75° to CA. along 1 cm fine grained calcite vein also at 75° to CA.

116.72-122.45 DEFORMATION ZONE.

Strong calcite alteration throughout stained dark mauve by Potassium ferri cyanide (KFC).

Prominent sericite foliation as noted.

116.72-117.33 Intense pervasive pale green moderately soft calcite alteration with closely spaced calcite micro-fracture filling. Calcite micro-fractures have med green edges.

117.33-120.88 Chaotic shear banding and healed brecciation.

10% deformed pale buff dolomite veins to 3 cm (average 1.5 cm) with edges stained mauve and centres stained blue by KFC.

Prominent schistosity at 80° to CA as silvery grey-chrome green muscovite-fuchsite cleavage.

ALTERATION AND MINERALIZATION

Au PPB

317 116.00-116.72 0.72 9

318 116.72-117.28 0.56 10

319 117.28-118.40 1.12 58

Chaotic deformation textures. Moderately soft.

Grey calcite alteration, minor fuchsite from 117.94-118.00. Schistose parting.

117.28-117.60 Trace disseminated Cpy.

				Au PPB	
320	118.40-118.74	0.34	1716	Calcite veining at 60° to CA in sericite-fuchsite foliation. Trace Cpy in foliation. Average of two.	118.49 4 cm banded very fine grained grey calcite vein at 60° to CA (includes 0.8 cm band of buff dolomite).
321	118.74-119.26	0.52	43	118.00-118.17 core shown at shareholders meeting. 118.75-118.78 3 cm off white, opaque Ca-Mg dolomite vein at 75° to CA. Soft-very soft . 118.82-118.91 75% Ca-mg dolomite-quartz veins. Trace Py. Soft-very soft.	
322	119.26-119.95	0.69	22	soft-very soft. 118.75-118.78 3 cm off white opaque Ca-Mg dolomite vein at 75° to CA. 118.82-118.91 75% ca-Mg dolomite-quartz veins. Trace Py.	
323	119.95-120.88	0.93	43	119.00 3 cm dolomite-quartz vein. Very soft. Minor Cpy in wall rock along edges of 5 contorted dolomite veins. Prominent sericite (+weak fuchsite) foliation. 119.82 3.0 cm undeformed buff dolomite vein at 80° to CA. Three generations of vein filling defined by chlorite within vein. The centre of each dolomite generation stained blue by KFC and edges not stained by KFC. 30% quartz crystals project into centres of each generation	

			Au PPB	
				of dolomite. Trace Cpy in vein.
324	120.88-121.71	0.83	3	Prominent very soft calcite-sericite alteration. Medium green. Igneous texture preserved. Dolomite veins at 121.20, 121.34 and 121.70.
325	121.71-122.32	0.61	2	Similar to 324. Very soft schistose cleavage at 80° to CA.
326	122.32-122.75	0.43	nil	122.32-122.40 similar to 324. Very soft 122.40-122.43 2 cm banded calcite-dolomite vein with yellow sericite schistosity along vein walls. Trace Cpy. 122.43-122.71 Moderately soft grey sericite-carbonate alteration prominent dark green network of chlorite fracture filling.
327	122.75-123.50	0.75	5	Pale yellow green sericite-calcite alteration. 122.71-123.65 very hard pale yellow green calcite-sericite alteration stained mauve by KFC. This appears to be altered feldspar porphyry.
328	123.50-124.57	1.07	2	123.65-123.76 Soft sericite-calcite alteration of diorite? 123.76-123.99 Altered silicified feldspar porphyry with vague white feldspar phenocrysts preserved in a pale grey groundmass. Very hard. Stained mauve by KFC. 123.99-124.53 Soft altered diorite.

Pale green calcite-sericite alteration.
Vague primary igneous texture preserved?
Minor calcite fracture filling. (Very
fine grained).

124.53 125.31 FELDSPAR PORPHYRY.

Brick red, very hard feldspar porphyry.

20% white 0.0X1 mm feldspar phenocrysts in a dark red
groundmass.

3% mafic xenoliths to 1 cm.

Upper contact at 30° to CA.

Lower contact at 65° to CA.

MINERALIZATION AND ALTERATION

329 124.57-125.83 1.26 5

125.31 141.00 DIORITE, NON-MAGNETIC, SPOTTED.

Typical non-magnetic medium green diorite with 5% 3-5 mm dark
green patches.

50% 0.5-2.0 mm equant greenish white feldspar crystals in dark
green mafic groundmass. Moderately hard.

ALTERATION AND MINERALIZATION.

0.5-1% calcite fracture filling to 0.5 cm at 30, 45 and 65° to
CA.

1-3% dark green chlorite fracture filling to 0.3 cm at 65 and
85° to CA.

Stained blue by KFC (with patchy mauve sections).

			Au	PPB	
330	125.83-127.25	1.42	14	126.75-126.84	Soft chlorite alteration centred on calcite fracture filling.
331	127.25-128.00	0.75	17	127.25-127.50	Soft pale to dark green chlorite alteration at 40° to CA. 5% calcite veining.
				133.53	1.5 cm orange silicate and calcite band at 45° to CA.
				133.84	1 cm band similar to 133.53 along slip at 30° to CA.
332	134.24-135.69	1.45	14	134.40-134.99	Weakly speckled chloritic alteration (1% 0.5 mm angular white specks). Weakly silicified.
333	139.56-140.77	1.21	17	139.34-141.00	Patchy chlorite alteration associated 2-4 mm calcite fracture filling.
				139.50-140.77	2% calcite fracture filling at low angle to CA.
334	140.77-141.00	0.23	1045.5		Average of two.
				140.92-141.00	5 cm fine grained, grain reduced calcite vein at 30° to CA along a strong chloritic, rusty loose fracture. 0.5 soft dark green chloritic alteration along wall. Vein is 20% silicified wall rock fragments.. 1 very fine grained Py and trace Cpy to 1 mm.
141.00	END OF HOLE				

Assay Summary 96-42

Sample No.	From	To	Length	Au PPB	Cu PPM
235	10.67	12.04	1.37	17	
236	19.01	20.52	1.51	nil	
237	21.91	22.26	0.35	nil	
238	31.56	31.99	0.43	67	
239	33.52	34.91	1.39	385.5 (Av.)	
240	34.91	36.22	1.31	31	
241	39.93	40.23	0.30	41	
242	43.01	43.89	0.88	5	
243	45.27	45.97	0.70	7	
244	45.97	46.73	0.76	141	
245	46.73	48.17	1.44	nil	
246	56.81	58.25	1.44	9	
438	66.76	68.22	1.46	5	
247	68.22	69.00	0.78	1731.5 (Av.)	
248	69.00	69.90	0.90	2057 (Av.)	
249	69.90	71.00	1.10	485	
439	71.00	72.51	1.51	10	
250	72.51	74.00	1.49	7	
251	74.00	74.84	0.84	954 (Av.)	
252	74.84	76.28	1.44	1198.5 (Av.)	
253	82.04	83.13	1.09	79	
254	83.13	83.80	0.67	3	
256	83.80	85.23	1.43	163	
257	85.23	85.60	0.37	3	
258	85.60	86.32	0.72	15	
259	86.32	86.64	0.32	38	854

Hole Number 96-42

Assay Summary (cont'd.) 96-42

Sample No.	From	To	Length	Au PPB
260	86.64	87.40	0.76	nil
301	89.55	90.01	0.46	7
302	90.01	90.93	0.92	10
303	90.93	92.36	1.43	33
304	92.36	93.20	0.84	12354.3 (Av.)
305	93.20	93.82	0.62	31
306	96.71	97.30	0.59	10
307	97.30	98.05	0.75	91
308	98.05	98.64	0.59	20 (Av.)
309	98.64	99.47	0.83	33
310	99.47	100.91	1.44	19
311	100.91	101.56	0.65	41.5 (Av.)
312	103.82	104.76	0.94	81
313	104.76	106.26	1.50	10303 (Av.)
314	106.26	107.20	0.94	170
315	107.20	108.58	1.38	115
316	115.00	116.00	1.00	12
317	116.00	116.72	0.72	9
318	116.72	117.28	0.56	10
319	117.28	118.40	1.12	58
320	118.40	118.74	0.34	1716 (Av.)
321	118.74	119.26	0.52	43
322	119.26	119.95	0.69	22
323	119.95	120.88	0.93	43
324	120.88	121.71	0.83	3
325	121.71	122.32	0.61	2

Hole Number 96-42

Assay Summary (cont'd.) 96-42

Sample No.	From	To	Length	Au PPB
326	122.32-122.75		0.43	nil
327	122.75-123.50		0.75	5
328	123.50-124.57		1.07	2
329	124.57-125.83		1.26	5
330	125.83-127.25		1.42	14
331	127.25-128.00		0.75	17
332	134.24-135.69		1.45	14
333	139.56-140.77		1.21	17
334	140.77-141.00		0.23	1045.5 (Av.)

TRANSPACIFIC RESOURCES INC.

Diamond Drill Core Log

Hole 96-43 Property: McGarry Township
Core Size: BQ Casing: Left
Coordinates: 12+97N, 20+06E

Depth: 178.0 m.

Azimuth: 352°

Dip: -42.5°

Start Date: January 04, 1997

Finish Date: January 08, 1997

Drilled by Kosy Diamond Drilling

Logged By Douglas Robinson

All Measurements in Meters

Meterage		Description
From	To	
0.0	12.00	OVERBURDEN

12.00	64.94	DIORITE, Non-magnetic, Spotted Pale to med green, uniform and massive. 60% 0.5-2.0 mm white feldspars dominate unit. 2-4% 2-5 mm dark green chloritic patches with irregular outline. Nonmagnetic. 12.00-29.00 Hard. 29.00-64.94 Moderately hard but not as hard as magnetic unit below. 28.00-28.30 Mafic dike. Dark green, fine grained and hard with weakly chilled margins. Upper contact broken core
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Lower contact along slip at 85° to CA.
 28.41-28.55 Dike similar to dike at 28.00-28.30.
 Upper contact at 75° to CA.
 Lower contact at broken core.
 Both dikes stained blue by KFC.
 39.38-39.57 Dike similar to dike at 28.00-28.30.
 Dike at 55° to CA.
 Weakly chilled near contacts.
 Dark green and fine grained with weakly porphyritic
 texture defined by feathery mafic mineral and feldspar.
 Hard
 Upper contact
 64.94 Lower contact not clearly defined.

ALTERATION AND MINERALIZATION.

12.00-34.00	-	-	Weakly broken ground with surface weathering.
34.00-79.00	-	-	Competent ground with scattered prominent loose chloritic fractures at 00-30° to CA.
12.48-16.61	-	-	Weak rusty weathering-bleaching and 0.4 cm brownish green mud-gouge with rock chips along slip at 40° to CA.
15.60-15.80	-	-	Pitted rusty weathering of epidote alteration along 1 cm deeply pitted alteration band at 50° to CA.
261	16.75-17.65	0.90	22 16.90-17.00 Weak weathering of epidote alteration along a 3 mm deeply pitted epidote alteration band at 60° to CA.
			17.15-17.35 Weathering of epidote alteration band at 70° to CA.

		Au PPB		
	20.63-20.86	-	-	weathering of epidote alteration.
	21.59-21.66	-	-	Epidote alteration band.
262	22.00-23.42	1.42	14	22.26-23.38 Hard to moderately soft alteration at 00-30° to CA. Moderate epidotization and bleached pale grey (silicification?). Igneous texture destroyed. Stained patchy mauve and blue by potassium ferri cyanide (KFC).
	23.38-25.85	-	-	Weak alteration related to alteration at 22.26-23.85.
263	29.11-30.52	1.41	27	29.11-31.58 Weak patchy epidote alteration and bleaching at 20° to CA. Stained blue by KFC except at bleached fracture filling that did not stain.
	32.78-33.00			Loose rusty fracture at 10° to CA. Grey alteration along secondary parallel healed fractures.
	36.40	-	-	1 cm white calcite along strong slip.
	39.77-39.89	-	-	weakly bleached.
264	43.33-43.62	0.29	26	Very hard grey silicification. Minor hematization and trace Py and Cpy in relict mafic (patches?).
265	49.10-50.56	1.46	62	49.10-50.02 3 mm brown limonite and calcite swellings to 0.5 cm in loose fracture at 00° to CA.
266	50.56-50.77	0.21	17	50.64 Trace Cpy in 0.3 Cm quartz-calcite-limonite seam along loose slip at 45° to CA.
	51.19-51.80	-	-	Minor limonite in calcite-quartz fracture filling at 00° to CA.
	53.18-53.45	-	-	0.3-1.5 cm calcite along loose fracture. 20% very

Au PPB

	54.13-54.34	-	-		pale yellow acicular epidote crystals in calcite. Numerous 0.5-1 mm limonite fracture filling at 00-20° to CA and 3 mm limonite fracture filling at 30° to CA.
	55.46-54.34	-	-		limonite as partial replacement of dark green patches.
	55.80-65.00	-	-		Limonite (not hematite) on loose fractures and associated with 1-3 mm calcite-epidote fracture filling commonly at 50° to CA.
267	60.35-61.74	1.39	226	60.60-61.20	Intense alteration. Central portion is strongly silicified, very hard and bleached to pale yellow green colour. Edges of zone are moderately soft-very hard epidote alteration and silicification with limonite staining. Barren.
428	61.74-63.17	1.43	31	62.86	2.0 cm pale yellow calcite-epidote-quartz alteration band with central slip.
429	63.17-63.80	0.63	26		
268	63.80-64.11	0.31	2208		Average of three. 64.00 1.0 cm calcite-quartz alteration band with 0.5% Cpy and 0.5% Py.
430	64.11-64.56	0.45	283	64.51	Cpy in fracture at 65° to CA. Average of two.

Au PPB

431	64.56-65.97	1.41	27	Fracturing at 00° to CA
64.94	65.35	TRANSITION ZONE, DIORITE Fine grained massive and weakly magnetic. Lower contact at 42° to CA.		
65.35	83.76	DIORITE, MAGNETIC. Highly variable grain size from fine to very coarse grained. Hard and strongly magnetic. 65.35 At upper contact very fine grained diorite against medium grained diorite above. 65.36-67.00 Fine grained to medium grained diorite at 67.00. 67.00-78.00 Variable fine to medium grained diorite. 78.00-83.76 Coarse to very coarse grained diorite with sections to 5 mm crystalline.		

ALTERATION AND MINERALIZATION.

269	65.97-67.32	1.35	15	
270	67.32-68.12	0.80	470.5	67.47 2.0 cm epidote-calcite alteration band at 55° to CA. 1% Cpy and 1% Py. Average of 2. 67.74-67.94 Minor Cpy and Py associated with weak fracture filling.
271	68.12-68.80	0.68	596	Barren. Average of two.
272	68.80-70.08	1.28	21	Two chloritic fractures at 20° to CA.
273	70.08-70.62	0.54	31	Several patches 70% Py-30% Cpy to 3 mm along chloritic fractures at 00° to CA.
274	70.62-71.57	0.95	10	Barren.
275	71.57-72.88	1.31	14	Barren.

				Au PPB		
276	72.88-74.30	1.42	5	Barren.		
277	74.30-74.67	0.37	14	Barren.		
278	74.67-75.19	0.52	91	Patches Cpy and Py near minor calcite-epidote fracture filling (0.1-0.2% Cpy and Py overall)		
279	75.19-76.00	0.81	3	Barren.		
280	76.00-76.59	0.59	242.5	Average of two. Cpy associated with hairline epidote fracture filling.		
281	76.59-77.21	0.62	14	Barren.		
282	77.21-78.20	0.99	17	Barren.		
283	78.20-78.67	0.47	20.5	Average of two. 78.22-78.50 Weak silicification and angular white specks to 1 mm (leucoxene). 78.43 1.5 cm fine grained white calcite with minor pale yellow epidote. 10% chlorite wall rock fragments.		
284	82.00-83.04	1.04	17			
285	83.04-83.33	0.29	408.5	83.32 3.0 cm grey white calcite vein with 3% Cpy. 4.0 cm intense, soft black chlorite alteration below vein. 1.0 cm fringe of epidote alteration below chloritic alteration. Average of two.		

83.76 100.22 DIORITE, NON-MAGNETIC, VARIED-TEXTURED.
Light to dark green, fine to medium grained, and varied-textured diorite. Moderately hard with locally hard sections.

Pale coloured sections similar to normal non-magnetic diorite have 60% equant feldspar in dark green groundmass.

Medium to dark green sections have general appearance similar to varied-texture phase of the magnetic diorite but are only locally weakly magnetic (Diabasic texture).

ALTERATION AND MINERALIZATION.

Competent ground. Minor epidote fracture filling at 50° to CA.

286	83.33-85.00	1.67	38	84.45	0.5 cm epidote-calcite seam along slip at 45° to CA.
	89.57	-	-		Trace disseminated Py.
	90.89-91.30	-	-		Moderate epidote alteration and epidote fracture filling at 35-65° to CA.
	93.33-97.20	-	-		Locally epidote fracture filling.
287	93.24-94.76	1.52	39	93.57-93.70	Pale yellow silicified epidote alteration band at 40° to CA.
288	94.76-96.28	1.52	156		

100.22 109.69 DIORITE, MAGNETIC.

Dark green, fine to coarse grained varied-textured diorite. Magnetic and hard.

Short non-magnetic sections having 0.2-1.0 equant feldspar from 100.74-101.14, 101.94-102.25, and 103.37-104.44.

ALTERATION AND MINERALIZATION.

Locally minor epidote alteration of groundmass.

			Au PPB	
378	102.74-104.00	1.26	9	103.43-103.47 Chlorite alteration band with 1 mm epidote fracture filling at 70° to CA. 103.47-104.88 Weak to moderate epidote alteration of groundmass
379	104.00-104.98	0.98	2794.5	Average of two. 104.54-104.77 2% coarse grained Py to 3 mm wide along vague healed fracture at 00° to CA.
380	104.98-106.92	1.94	48	
381	106.92-108.20	1.28	1377	
382	108.20-109.00	0.80	24	
383	109.00-109.62	0.62	14560	Average of Three. 109.37-109.62 5% Py invading wall rock from healed fractures at 00-25° to CA.

109.69 118.28 DIORITE, NON-MAGNETIC.
Medium green with 50% 0.3-1.0 equant feldspar crystals in medium green groundmass. Non-magnetic

ALTERATION AND MINERALIZATION.

Weakly bleached 1 mm brownish grey quartz fracture filling and chlorite-epidote fracture filling all at 00-05° to CA.

384	109.62-111.72	2.10	67	
385	111.72-113.10	1.38	993	Average of two. 111.90-113.00 1% Py overall with Py in 1-2 mm chloritic fracture filling at 00° to CA. 111.90-113.63 Moderate calcite-epidote alteration of groundmass.

			Au PPB		
386	113.10-113.85	0.75	50	113.63-113.76	Intense pale green epidote alteration band at 55° to CA.
387	113.85-115.20	1.35	15		
388	115.20-116.70	1.50	5		
389	116.70-118.24	1.54	5	117.00-118.28	Moderate epidote alteration of groundmass (+/-sericite?). Prominent epidote-chlorite healed fracture filling.

118.28 131.22 ALTERATION-DEFORMATION ZONE.

Highly variable intense alteration including:

- a. soft dark green chlorite alteration
- b. pale grey silicification with weak sericitization and weak carbonatization with minor chlorite spots. Vague igneous texture preserved. Minor white leucoxene specks to 1 mm.

118.26-118.64 Grey silicification with 9.0X0.1 cm streaks of Py at 00° to CA.

118.64-119.37 DEFORMATION ZONE.

Dark green-black amorphous chlorite with 35% 1 mm crystalline grey calcite veining at various angles including 00° to CA. (4 mm pink patches).

119.37-121.00 Medium-dark green chlorite alteration in part pale grey sericitic alteration. Very soft-moderately soft.

121.00-131.22 Pale grey to pale greenish grey coloured intense carbonate-(sericite?) alteration. Moderately soft, stained mauve (locally blue) by KFC.

2-5% 2 to 3 mm dark green chlorite patches. Minor leucoxene specks.

2-5% fine grained white calcite veining and fracture filling to 0.5 cm commonly at 25-30° to CA.

122.89-131.15 0.1-0.3% medium grained disseminated Py.

			Au PPB		
390	118.24-119.55	1.31	132		
391	119.55-120.74	1.19	9	120.00-120.18	60% coarse grained calcite veining and chlorite banding at 55° to CA.
392	120.74-121.00	0.26	nil	120.60-121.00	minor Py and trace Cpy in dark green chlorite alteration. 120.90 Trace Cpy in healed fracture.
393	121.00-122.11	1.11	nil	120.40-122.14	0.1-0.3% medium grained disseminated Py.
394	122.11-122.91	0.80	2	122.14-122.89	1% very fine grained disseminated Py.
395	122.91-123.81	0.90	nil		
396	123.81-125.22	1.41	nil		
397	125.22-125.93	0.71	9	125.62-125.78	FAULT. Cemented fractured ground with pervasive very fine sericite foliation at 75° to CA. Ground easily broken by fingers.
398	125.93-127.95	2.02	2	125.93-127.70	1.5-5.0 cm medium to coarse grained calcite vein at 00° to CA. Narrow, intense, soft and dark green chlorite alteration along vein walls.
399	127.95-129.44	1.49	2		
400	129.44-131.22	1.78	22		

131.22-178.00 DIORITE, NON-MAGNETIC, SPOTTED.

Medium greenish-grey, medium grained, uniform and massive. 50% 0.2-1 mm white

Hole Number 96-43

feldspar crystals in a greenish groundmass. 1-4% 2 to 3 mm dark green patches.
 Fresh appearance. Hard to very hard.

ALTERATION AND MINERALIZATION.

Very competent ground. Slip spacing 0.5-1.0 metres. No epidote alteration noted except from 150.84-164.00.

401	131.22-132.40	1.18	20	Average of two. 131.76-132.00 Silicified, bleached pale grey Hard. Banded at 60 ° to CA. 131.22-136.00 Weak to strong alteration. Moderately soft to hard. 3% calcite-quartz fracture filling to 0.5 cm. Trace disseminated Py concentrated near calcite-quartz fracture filling.
402	133.81-134.57	0.76	26	133.82-134.43 Silicified bleaching and calcite alteration stained mauve by Potassium Ferri Cyanide (KFC). Alteration focused on 1.0 cm fine grained white calcite- quartz vein at 40 ° to CA at 133.98 m.
403	134.57-135.28	0.71	31	134.92 4.0 cm calcite-quartz stringers to 3 mm at 35° to CA. Minor Py.
404	136.68-138.13	1.45	15	137.35-137.57 Two 0.4 cm white silicified bands with tight walls at 60° to CA. Minor disseminated Py over 3.0 cm beside alteration. Narrow weak bleaching beside alteration. 136.00-151.82 Minor calcite-quartz fracture filling to 0.3 cm. 0.1 cm medium grained disseminated Py throughout.

				Au PPB	
	140.47	-	-	1.0 cm tight quartz vein at 35° to CA. No alteration.	
	142.54	-	-	1.0 cm quartz-dolomite vein at 70 ° to CA.	
				Minor disseminated Py in 5.0 cm weak chlorite alteration of wall rock.	
405	146.76-148.19	1.43	12	146.82 2 mm quartz fracture filling and minor Py.	
	151.81-167.00	-	-	1.5-2.0% calcite fracture filling and veins to 1.5 cm and minor dark green chlorite fracture filling.	
				0.1-0.2% coarse grained background disseminated Py.	
	150.84	-	-	1.0 cm calcite stringer with 10% fine grained apple green epidote.	
	152.04	-	-	calcite fracture filling to 0.3 cm with minor epidote and trace Py.	
	153.07	-	-	0.8 calcite fracture filling with 2.0 cm of bleached wall rock.	
406	154.00-154.60	0.60	9	151.10-154.50 Soft to hard bleached alteration centred on vein at 154.40 metres. Stained mauve by KFC.	
				154.40 2.0 cm white quartz vein at 65° to CA.	
				Fine grained intergrown calcite and quartz.	
407	154.60-156.08	1.48	17	156.16-156.32 Bleached pale grey calcite alteration at 55° to core axis.	

			Au PPB	
				2% fine-medium grained disseminated Py and minor fine grained Cpy. Moderately soft to very hard and silicified. Stained mauve by KFC.
408	156.08-156.44	0.36	55	
409	156.44-158.23	1.79	17	157.17 1.0 cm fine grained banded quartz-dolomite-calcite vein at 30° to CA with weak wall rock alteration.
410	158.23-160.09	1.86	35.5	Average of two 159.00 1.0 cm quartz-dolomite vein with slip wall at 30° to CA. Banded wall rock alteration.
411	160.09-160.50	0.41	27	
412	160.50-161.08	0.58	1268.5	Average of two. 160.28-164.00 minor yellow green epidote in bleached silicified calcite alteration centred on 1.0 cm dolomite-quartz vein at 85° to CA. 1% Py and trace Cpy in vein.
413	161.08-162.45	1.37	31	
414	162.45-163.86	1.41	10	
	163.34-172.00	-	-	0.3% background disseminated Py and minor Py in fractures.
415	163.86-165.33	1.47	5	
416	165.33-165.88	0.55	3	
417	165.88-166.44	0.56	33	166.25-166.30 3.0 cm fine grained grey silicified band at 30° to CA. 20% medium grained Py in band. 166.30 strong chloritic mud slip at 40° to CA cut of Py mass (pale green mud).

Au PPB

418	166.44-168.19	1.75	9	165.94-166.30	Trace fine grained disseminated Cpy throughout.
419	168.19-169.58	1.39	7		
420	169.58-171.05	1.47	44.5		Sporadic weak to strong grey bleaching. Silicified and very hard. 1% very fine to medium grained disseminated Py and Py clots. Minor very fine grained disseminated Cpy from 170.00-171.07. Average of two.
421	171.05-172.00	0.95	17		weak silicification as grey bleaching. Weakly chloritic.
422	172.00-172.48	0.48	53	172.00-173.09	Irregular very fine grained diorite dike at low angle to CA and 45° to CA. Dark green and moderately hard.
				172.00-172.49	3% 1-2 mm calcite fracture filling and 2% medium grained disseminated Py.
423	172.48-173.94	1.46	10	173.09-178.00	Short patchy bleached grey sections of weak silicification associated with 0.5-1 mm calcite fracture filling and calcite fracture filling at 50 and 135° to CA.
				173.84	0.5 cm opaque white calcite fracture filling at 65° to CA. 5% Py in 2.0 cm banded quartz-calcite alteration.
424	173.94-175.30	1.36	14		
425	175.30-175.61	0.31	74	175.33-175.45	Banded bleached alteration at 45° to CA. 5% fine grained Py lenses to 3 mm thick, and 0.2% fine grained disseminated Cpy.
426	175.61-176.80	1.19	17		
427	176.80-178.00	1.20	21		

178.00

END OF HOLE

Assay Summary: Hole 96-43

Sample No.	From	To	Length	Au PPB
261	16.75	17.65	0.90	22
262	22.00	23.42	1.42	14
263	29.11	30.52	1.41	27
264	43.33	43.62	0.29	26
265	49.10	50.56	1.46	62
266	50.56	50.77	0.21	17
267	60.35	61.74	1.39	266
428	61.74	63.17	1.43	31
429	63.17	63.80	0.63	26
268	63.80	64.11	0.31	2208
430	64.11	64.56	0.45	283 (Av.)
431	64.56	65.97	1.43	27
269	65.97	67.32	1.35	15
270	67.32	68.12	0.80	470.5 (Av.)
271	68.12	68.80	0.68	596 (Av.)
272	68.80	70.08	1.28	21
273	70.08	70.62	0.54	31
274	70.62	71.57	0.95	10
275	71.57	72.88	1.31	14
276	72.88	74.30	1.42	5
277	74.30	74.67	0.37	14
278	74.67	75.19	0.52	91
279	75.19	76.00	0.81	3
280	76.00	76.59	0.59	242.5 (Av.)
281	76.59	77.21	0.62	14

Hole Number 96-43

Assay Summary (cont'd.) 96-43

Sample No.	From	To	Length	Au PPB
282	77.21	78.20	0.99	17
283	78.20	78.67	0.47	20.5 (Av.)
284	82.00	83.04	1.04	17
285	83.04	83.33	0.29	408.5 (Av.)
286	83.33	85.00	1.67	38
287	93.24	94.76	1.52	39
288	94.76	96.28	1.52	156
378	102.74	104.00	1.26	9
379	104.00	104.98	0.98	2794.5 (Av.)
380	104.98	106.92	1.94	48
381	106.92	108.20	1.28	1377
382	108.20	109.00	0.80	24
383	109.00	109.62	0.62	14560 (Av.)
384	109.62	111.72	2.10	67
385	111.72	113.10	1.38	993 (Av.)
386	113.10	113.85	0.75	50
387	113.85	115.20	1.35	15
388	115.20	116.70	1.50	5
389	116.70	118.24	1.54	5
390	118.24	119.55	1.31	132
391	119.55	120.74	1.19	9
392	120.74	121.00	0.26	nil
393	121.00	122.11	1.11	nil
394	122.11	122.91	0.80	2
395	122.91	123.81	0.90	nil
396	123.81	125.22	1.41	nil

Assay Summary (cont'd.) 96-43

Sample No.	From	To	Length	Au PPB
397	125.22-125.93		0.71	9
398	125.93-127.95		2.02	2
399	127.95-129.44		1.49	2
400	129.44-131.22		1.78	22
401	131.22-132.40		1.18	20 (Av.)
402	133.81-134.57		0.76	26
403	134.57-135.28		0.71	31
404	136.68-138.13		1.45	15
405	146.76-148.19		1.43	12
406	154.00-154.60		0.60	9
407	154.60-156.08		1.48	17
408	156.08-156.44		0.36	55
409	156.44-158.23		1.79	17
410	158.23-160.09		1.86	35.5 (Av.)
411	160.09-160.50		0.41	27
412	160.50-161.08		0.58	1268.5 (Av.)
413	161.08-162.45		1.37	31
414	162.45-163.86		1.41	10
415	163.86-165.33		1.47	5
416	165.33-165.88		0.55	3
417	165.88-166.44		0.56	33
418	166.44-168.19		1.75	9
419	168.19-169.58		1.39	7
420	169.58-171.05		1.47	44.5 (Av.)
421	171.05-172.00		0.95	17
422	172.00-172.48		0.48	53

Hole Number 96-43

Assay Summary (cont'd.) 96-43

Sample No.	From	To	Length	Au PPB
423	172.48-173.94		1.46	10
424	173.94-175.30		1.36	14
425	175.30-175.61		0.31	74
426	175.61-176.80		1.19	17
427	176.80-178.00		1.20	21

APPENDIX II

ASSAY CERTIFICATES

PHASE III DRILL HOLES - CORE SAMPLES

SWASTIKA LABORATORIES

6W-4616-RG1	7W-0003-RG1
6W-4903-RG1	7W-0003-RM1
6W-4929-RG1	7W-0009-RG1
6W-4954-RG1	7W-0022-RG1
6W-4990-RG1	7W-0023-RM1
6W-5039-RG1	7W-0029-RG1
6W-5083-RG1	7W-0052-RG1
6W-5111-RG1	7W-0071-RG1
6W-5174-RM1	7W-0083-RG1
6W-5175-RG1	7W-0099-RG1
6W-5252-RG1	7W-0117-RG1
6W-5253-RM1	7W-0126-RG1
6W-5254-RG1	7W-0171-RG1
6W-5292-RG1	7W-0195-RG1
6W-5292-RM1	7W-0204-RG1
6W-5343-RG1	7W-0232-RG1
6W-5381-RM1	7W-0431-RG1
6W-5393-RG1	7W-0487-RG1
6W-5411-RG1	7W-0493-RG1
6W-5411-RM1	7W-0604-RG1

APPENDIX III

CORE LOGS

PHASE IV DIAMOND DRILL HOLES

HOLES 97-44 to -49, inclusive

APPENDIX IV

ASSAY CERTIFICATES
PHASE IV DRILL HOLES - CORE SAMPLES

SWASTIKA LABORATORIES

7W-1356-RA1

7W-1410-RA1

7W-1620-RA1



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Assay Certificate

7W-1356-RA1

Company: **TRANSPACIFIC RESOURCES INC**

Date: APR-11-97


Project:

Ass: E. Gallo / M. Clay

We hereby certify the following Assay of 28 Core samples submitted APR-03-97 by .

Sample Number	Au g/tonne	Au oz/ton	Au Check g/tonne	Au Check oz/ton	Au PPB	Au Check PPB
6301	0.04	.001	-	-	45	-
6302	0.08	.002	-	-	84	-
6303	0.04	.001	-	-	43	-
6304	0.03	.001	-	-	33	-
6305	0.05	.001	0.04	.001	48	43
6306	0.04	.001	-	-	41	-
6307	0.03	.001	-	-	34	-
6308	0.03	.001	-	-	31	-
6309	0.02	.001	-	-	19	-
6310	0.01	.001	-	-	10	-
6311	0.03	.001	-	-	34	-
6312	0.04	.001	-	-	38	-
6313	0.01	.001	-	-	9	-
6314	0.47	.014	-	-	475	-
6315	0.01	.001	-	-	9	-
6316	Nil	-	Nil	-	2	Nil
6317	0.01	.001	-	-	14	-
6318	0.01	.001	-	-	9	-
97-44 6319	Nil	-	-	-	Nil	-
6320	0.01	.001	-	-	7	-
6321	0.01	.001	-	-	9	-
6322	0.01	.001	-	-	7	-
6323	Nil	-	-	-	Nil	-
97-45 6324	0.06	.002	-	-	60	-
6325	0.05	.001	-	-	55	-
6326	0.02	.001	0.02	.001	21	19
6327	0.01	.001	-	-	7	-
6328	0.01	.001	-	-	5	-

One assay ton portion used.

Certified by 

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300



Swastika Laboratories

A Division of TSL/Assayers Inc.

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Established 1928

Assay Certificate

7W-1410-RA1

Company: **TRANSPACIFIC RESOURCES INC**

Date: APR-18-97


Project:

Area: M. Clay/E. Gallo

We hereby certify the following Assay of 19 Core samples submitted APR-05-97 by

Sample Number	Au g/tonne	Au Check g/tonne	Au PPB	Au Check PPB
6329	Nil	-	Nil	-
6330	0.01	-	5	-
6331	Nil	-	Nil	-
6332	0.01	-	7	-
6333	0.01	0.01	10	12
6334	0.01	-	14	-
6335	0.01	-	10	-
97-46 6336	0.01	-	7	-
6337	0.01	-	12	-
6338	0.02	-	15	-
6339	0.01	-	10	-
6340	0.04	0.03	41	34
6341	Nil	0.01	3	10
6342	0.01	-	12	-
6343	Nil	-	2	-
6344	0.01	-	7	-
6345	0.01	-	12	-
6346	0.01	-	7	-
6347	0.01	-	9	-

One assay ton portion used.

Certified by 

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300



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Assay Certificate

7W-1620-RA1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: APR-29-97

Project:

Ass: E. Galle/M. Clay

We hereby certify the following Assay of 11 Core samples submitted APR-23-97 by .

Sample Number	Au g/tonne	Au Check g/tonne	Au PPB	Au Check PPB
97-44 6388	0.01	-	10	-
6389	Nil	Nil	Nil	2
97-45 6390	Nil	Nil	2	3
6391	Nil	-	Nil	-
97-46 6392	0.01	-	9	-
↓ 6393	0.02	-	17	-
6394	0.01	-	5	-
6395	0.01	-	10	-
97-49 6396	0.01	-	14	-
6397	Nil	-	3	-
6398	Nil	-	Nil	-

One assay ton portion used.

Certified by

1 Cameron Ave., P.O. Box 10, Swastika, Ontario P0K 1T0
Telephone (705)642-3244 Fax (705)642-3300



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Geochemical Analysis Certificate

6W-4616-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **E. Gallo/D. Robinson**

Date: NOV-12-96

We hereby certify the following Geochemical Analysis of 21 Core samples submitted OCT-31-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Cu PPM
88353	134	-	-	86
88354	26	-	-	54
88355	583	720	-	932
88356	243	-	-	804
88357	125	-	-	464
88358	5	-	-	34
88359	9	-	-	26
88360	789	446	-	136
88361	300	-	-	626
96-25 88362	9	-	-	130
88363	10	-	-	260
88364	36	-	-	442
88365	45	-	-	530
88366	Nil	-	-	12
88367	22	-	-	166
88368	Nil	-	-	92
88369	41	-	-	352
88370	2229	2297	2331	1160
88371	994	-	-	1480
88372	17	-	-	228
88373	3	-	-	62

One assay portion used

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Established 1928

Geochemical Analysis Certificate

6W-4903-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: McGarry
Attn: E.Gallo/D. Robinson

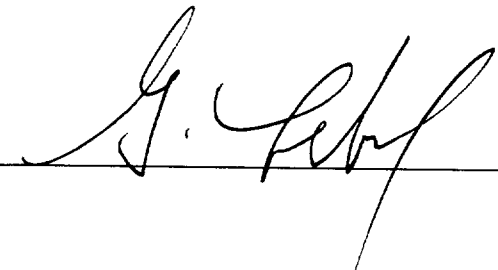
Date: NOV-26-96

We hereby certify the following Geochemical Analysis of 20 Core samples submitted NOV-15-96 by .

Sample Number	Au PPB	Au Check PPB
88374	10	-
88375	14	-
88376	9	-
88377	17	-
88378	29	46
88379	19	-
88380	24	-
88381	10	-
88382	14	-
88383	9	7
88384	12	-
88385	2	-
88386	27	-
88387	17	-
88388	9	-
88389	9	-
88390	10	7
88391	12	-
88392	5	-
88393	15	-

96-30

One assay ton portion used.

Certified by 



Swastika Laboratories

A Division of TSL/Assayers Inc.

Established 1928

Assaying - Consulting - Representation

Page 1 of 2

Geochemical Analysis Certificate

6W-4929-RG1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: **McGarry**
Attn: **E. Gallo/D. Robinson**

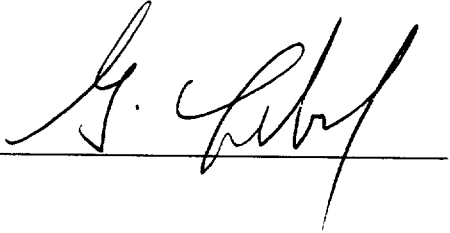
Date: NOV-29-96

We hereby certify the following Geochemical Analysis of 42 Core samples submitted NOV-18-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au Check PPB
3551	5	-	-	-
3552	7	-	-	-
3553	2	-	-	-
3554	9	-	-	-
3555	7	9	-	-
3556	9	-	-	-
3557	5	-	-	-
3558	3	-	-	-
3559	5	-	-	-
3560	6240	5280	-	-
3561	27	-	-	-
3562	427	-	-	-
3563	44572	48138	35006	35109
3564	58	-	-	-
3565	4080	-	-	-
3566	1577	-	-	-
3567	1474	1406	-	-
3568	65	-	-	-
3569	168	-	-	-
3570	670	-	-	-
3571	1563	-	-	-
3572	84	-	-	-
3573	9	-	-	-
3574	216	-	-	-
3575	74	70	-	-
3576	5	-	-	-
3577	235	-	-	-
3578	1097	-	-	-
3579	1886	1920	-	-
3580	549	-	-	-

96-30
↑
↓
96-31

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-4929-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: NOV-29-96


Project: McGarry

Attn: E. Gallo/D. Robinson

We hereby certify the following Geochemical Analysis of 42 Core samples submitted NOV-18-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au Check PPB
96-31 ↑ 3581	202	267	-	-
3582	5	-	-	-
3583	36	-	-	-
3584	43	-	-	-
?	3600	3	-	-
↓ 88394	2	-	-	-
88395	Ni 1	-	-	-
88396	9	-	-	-
96-30 ↓ 88397	7	-	-	-
88398	12	-	-	-
88399	2	-	-	-
88400	108	-	-	-

One assay ton portion used.

Certified by 



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Page 1 of 2

Geochemical Analysis Certificate

6W-4954-RG1

Company: **TRANSPACIFIC RESOURCES INC**

Date: DEC-03-96


Project: **McGarry**

Attn: **E. Gallo / D. Robinson**

We hereby certify the following Geochemical Analysis of 41 Core samples submitted NOV-20-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
3585	5	-	-
96-31 3586	9	-	-
3587	2	-	-
3588	3	5	-
3589	720	-	-
3590	1006	-	-
3591	247	-	-
96-32 3592	2061	2194	-
3593	53	-	-
3594	14	-	-
3595	2738	2880	-
3596	51	-	-
3597	15	-	-
3598	67	-	-
3599	36	-	-
3601	5280	4347	4491
3602	84	70	-
3603	187	-	-
3604	75	-	-
3605	195	-	-
3606	26	-	-
3607	1538	-	-
3608	3154	2590	-
3609	7	-	-
3610	1090	-	-
3611	Nil	-	-
3612	5	-	-
3613	82	79	-
3614	367	-	-
3615	19	-	-

One assay portion used

Certified by 



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Geochemical Analysis Certificate

6W-4954-RG1

Company: **TRANSPACIFIC RESOURCES INC**

Date: DEC-03-96

Project: **McGarry**

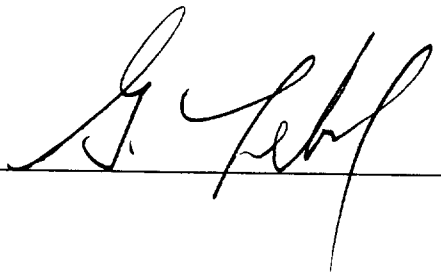
Attn: **E. Gallo / D. Robinson**

We hereby certify the following Geochemical Analysis of 41 Core samples submitted NOV-20-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
3616	705	-	-
3617	72	77	-
3618	201	-	-
3619	10	-	-
3620	57	-	-
3621	183	-	-
3622	627	960	-
3623	33	-	-
3624	77	-	-
3625	187	-	-
3650	50	-	-

96-32

One assay portion used

Certified by 



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Geochemical Analysis Certificate

6W-4990-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: DEC-06-96

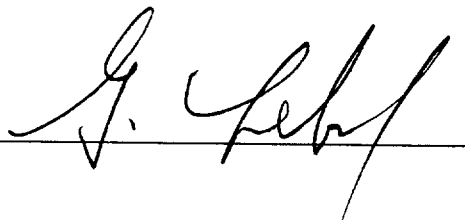
Project: **McGarry**

Attn: **M. Clay/E. Gallo/D. Robinson**

We hereby certify the following Geochemical Analysis of 49 Core samples submitted NOV-25-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au Check PPB	Cu PPB
3626	22	17	-	-	-
3627	7	-	-	-	-
3628	115	-	-	-	-
3629	725	-	-	-	-
3630	1131	1046	-	-	-
3631	12	-	-	-	-
3632	Nil	-	-	-	-
3633	10	-	-	-	-
3634	4937	5691	6103	8229	-
3635	1200	-	-	-	-
3636	86	-	-	-	-
3637	Nil	-	-	-	-
3638	17	-	-	-	-
3639	3	-	-	-	-
3640	Nil	-	-	-	-
3641	497	-	-	-	2200
3642	19	-	-	-	-
3643	309	254	-	-	1150
3644	21	-	-	-	-
3645	105	-	-	-	-
3646	27	-	-	-	-
3647	48	-	-	-	-
3648	79	-	-	-	-
3649	10	-	-	-	-
3650 Not Rec'd	-	-	-	-	-
3651	646	703	-	-	-
3652	62	-	-	-	-
3653	514	-	-	-	-
3654	2	-	-	-	-
3655	58	-	-	-	-

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-4990-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: DEC-06-96

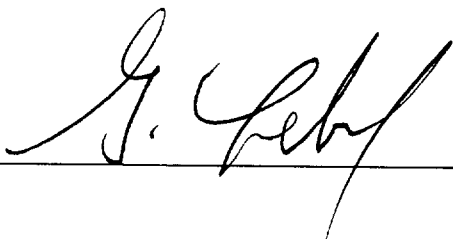
Project: McGarry

Attn: M. Clay/E. Gallo/D. Robinson

We hereby certify the following Geochemical Analysis of 49 Core samples submitted NOV-25-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au Check PPB	Cu PPB
3656	513	-	-	-	-
3657	14	-	-	-	-
3658	3257	4251	-	-	-
3659	81	-	-	-	-
3660	22	-	-	-	-
3661	813	991	-	-	4350
3662	Ni 1	-	-	-	-
3663	216	-	-	-	-
36-26 3664	108	-	-	-	-
3665	5	-	-	-	-
3666	29	-	-	-	-
3667	158	-	-	-	-
3668	1366	701	-	-	-
3669	19	-	-	-	-
3670	470	-	-	-	-
3671	1298	-	-	-	-
3672	58	-	-	-	-
3673	2331	1783	-	-	-
3674	286	-	-	-	-
3675	144	-	-	-	-

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-5039-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D. Robinson/E. Gallo/M. Clay**

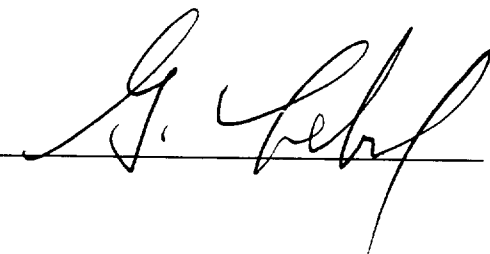
Date: DEC-05-96

We hereby certify the following Geochemical Analysis of 44 Core samples submitted NOV-27-96 by .

Sample Number	Au PPB	Au Check PPB
3676	Nil	-
3677	605	789
3678	24	-
3679	39	-
3680	2	-
3681	12	-
3682	3	-
3683	19	-
3684	3	-
3685	12	-
3686	17	-
3687	187	240
3688	141	-
3689	7	-
3690	21	-
3691	7	-
3692	2	-
3693	7	-
3694	15	-
3695	60	57
3696	7	-
3697	10	-
3698	Nil	-
3699	2	-
3700	19	-
3701	3	-
3702	2	-
3703	Nil	-
3704	Nil	Nil
3705	Nil	-

36-28

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-5039-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D. Robinson/E. Gallo/M. Clay**

Date: DEC-05-96

We hereby certify the following Geochemical Analysis of 44 Core samples submitted NOV-27-96 by .

Sample Number	Au PPB	Au Check PPB
3706	Ni1	-
3707	Ni1	-
3708	Ni1	-
3709	43	-
3710	5	-
3711	3	-
3712	55	-
96-28 3713	Ni1	-
3714	125	-
3715	14	-
3716	Ni1	-
3717	1018	1380
3718	3	-
3719	7	-

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-5083-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D.Robinson/E.Gallo**

Date: DEC-10-96

We hereby certify the following Geochemical Analysis of 29 Core samples submitted NOV-28-96 by .

Sample Number	Au PPB	Au Check PPB
3720	36	-
3721	9	-
3722	29	-
3723	5	-
3724	3	-
3725	3	7
3726	5	-
3727	Nil	-
3728	314	62
3729	10	-
3730	62	-
3731	96	75
3732	2	-
3733	Nil	-
3734	Nil	-
3735	7	-
3736	2	-
3737	10	-
3738	9	-
3739	34	-
3740	5	-
3741	10	-
3742	15	-
3743	38	-
3744	31	39
3745	14	-
3746	17	-
3747	26	-
3748	14	-

96-29



96-33

One assay ton portion used.

Certified by *Dennis Charles*



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Geochemical Analysis Certificate

6W-5111-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D.Robinson/E.Gallo**

Date: DEC-10-96

We hereby certify the following Geochemical Analysis of 27 Core samples submitted DEC-03-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
3750	9	-	-
3751	233	281	-
3752	Nil	-	-
3753	17	-	-
3754	69	-	-
3755	15	-	-
3756	34	-	-
3757	86	99	-
3758	22	-	-
3759	3	-	-
3760	146	-	-
3761	14	-	-
3762	67	-	-
3763	51	-	-
96-33 ↑ 3764	6411	6137	-
3765	15634	15669	16114
3766	6343	-	-
3771	633	-	-
3772	67	-	-
96-34 ↓ 3773	38	-	-
3774	58	-	-
3775	24	-	-
3776	442	446	-
3777	26	-	-
3778	58	-	-
3779	34	-	-
3780	117	101	-

One assay ton portion used.

Certified by *Dennis Chanko*



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Metallic Assay Certificate

6W-5174-RM1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D.Robinson/E.Gallo**

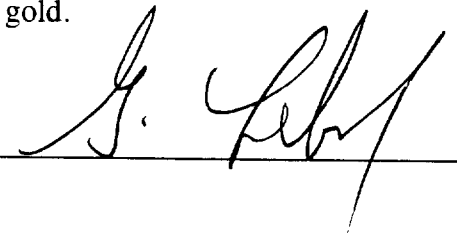
Date: DEC-09-96

We hereby certify the following Metallic Assay of 2 Core samples submitted DEC-06-96 by .

Sample Number	Total		Assay Value Au		Total Weight Au		Metallic Au		Net Au	
	Wt (g)	+100 M Wt (g)	+100 (g/t)	-100 (g/t)	+100 (mg)	-100 (mg)	(oz/ton)	(g/t)	(oz/ton)	(g/t)
3793 VG	299.26	4.39	225.96	19.92	0.992	5.874	0.097	3.31	0.669	22.94
3802 VG	357.49	5.53	206.51	60.48	1.142	21.287	0.093	3.19	1.830	62.74

96-34

One assay ton portion used. VG Indicates there was visible gold.

Certified by 



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Geochemical Analysis Certificate

6W-5175-RG1

Company: **TRANSPACIFIC RESOURCES INC**

Date: DEC-10-96

Project: McGarry

Attn: D. Robinson / E. Gallo

We hereby certify the following Geochemical Analysis of 51 Core samples submitted DEC-06-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
3781	33	-	-
3782	302	-	-
3783	38	-	-
3784	24	-	-
3785	27	-	-
3786	70	-	-
3787	22	-	-
3788	31	-	-
3789	94	-	-
3790	605	549	-
3791	111	-	-
3792	17	-	-
3794	21	-	-
3795	105	-	-
3796	298	-	-
3797	81	117	-
3798	1385	-	-
3799	291	-	-
3800	2126	2229	-
3801	7303	7577	7269
3803	226	-	-
3804	1857	-	-
3805	1041	-	-
3806	101	-	-
3807	201	199	-
3808	717	960	-
3809	48	-	-
3810	3	-	-
3811	146	-	-
3812	62	-	-

96-35

One assay ton portion used.

Certified by Denis Chamber

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244

FAX (705) 642-3300



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Geochemical Analysis Certificate

6W-5175-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**

Date: DEC-10-96

We hereby certify the following Geochemical Analysis of 51 Core samples submitted DEC-06-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
3814	Ni 1	-	-
3815	Ni 1	-	-
3816	Ni 1	-	-
3817	3	-	-
3818	Ni 1	-	-
3819	19	-	-
3820	21	-	-
3821	29	31	-
3822	22	-	-
3825	33	-	-
3826	48	-	-
3827	113	-	-
3828	22	-	-
3829	46	-	-
3830	10	-	-
3831	139	139	-
3832	482	-	-
3833	994	927	-
3834	51	-	-
3835	31	-	-
3836	17	-	-

96-34

One assay ton portion used.

Certified by Denis Charbonne



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Geochemical Analysis Certificate

6W-5252-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: DEC-17-96

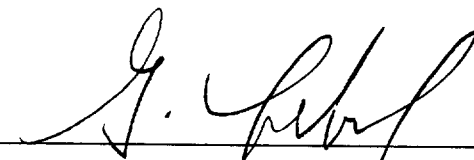
Project: McGarry

Attn: D.Robinson/E.Gallo/M. Clay

We hereby certify the following Geochemical Analysis of 36 Core samples submitted DEC-09-96 by .

Sample Number	Au PPB	Au Check PPB
3767	7	-
96-31 3768	9	-
3769	3	-
3770	46	58
3837	17	-
3838	65	-
3839	Nil	-
3840	31	-
3841	53	-
3842	24	-
3843	86	-
96-34 3844	51	-
3845	33	-
3846	19	-
3847	27	-
3848	50	-
3849	1409	1539
3850	51	-
3851	Nil	-
3852	475	312
3853	245	-
96-36 3854	Nil	-
3855	84	-
3856	3	-
3857	48	-
3858	17	-
3859	Nil	-
3860	43	-
3861	63	-
3862	679	686

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-5252-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: DEC-17-96

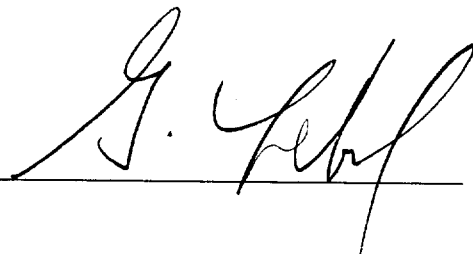
Project: McGarry

Attn: D.Robinson/E.Gallo/M. Clay

We hereby certify the following Geochemical Analysis of 36 Core samples submitted DEC-09-96 by .

Sample Number	Au PPB	Au Check PPB
3864	111	-
3865	Nil	-
96-36 3866	10	-
3867	5	-
3868	10	9
3869	7	-

One assay ton portion used.

Certified by 



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Metallic Assay Certificate

6W-5253-RM1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: **McGarry**
Attn: **D.Robinson/E.Gallo/M. Clay**

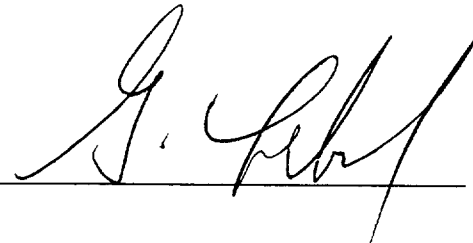
Date: DEC-17-96

We hereby certify the following Metallic Assay of 1 Core samples submitted DEC-09-96 by .

Sample Number	Total		+100 M		Assay Value Au		Total Weight Au		Metallic Au		Net Au	
	Wt (g)	Wt (g)	Wt (g)	Wt (g)	+100(g/t)	-100(g/t)	+100(mg)	-100(mg)	(oz/ton)	(g/t)	(oz/ton)	(g/t)
3863	961.82	8.02			0.07	0.69	0.001	0.658	0.000	0.00	0.020	0.68

96-36

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-5254-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: DEC-17-96

Project: McGarry

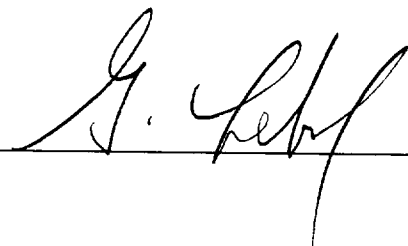
Attn: D.Robinson/E.Gallo/M. Clay

We hereby certify the following Geochemical Analysis of 10 Core samples submitted DEC-11-96 by .

Sample Number	Au PPB	Au Check PPB
3870	14	-
3871	2	-
3872	209	201
3873	15	-
3874	139	-
3875	5	-
3876	Nil	-
3877	15	-
3878	117	-
3879	408	466

96-36

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-5292-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: DEC-20-96

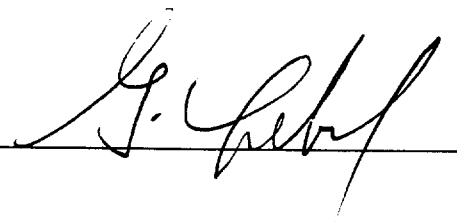
Project: McGarry

Attn: M. Clay/E. Gallo/D. Robinson

We hereby certify the following Geochemical Analysis of 32 Core/Rock samples submitted DEC-14-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
3880	15	-	-
3881	7	-	-
3882	105	-	-
3883	3	9	-
3884	2	-	-
3885	10	-	-
3886	4354	4457	-
3887	Nil	-	-
3888	29	-	-
3889	58	-	-
3890	43	-	-
3891	36	-	-
3892	14	-	-
3893	134	-	-
3894	67	-	-
3895	2	-	-
3896	9	-	-
3897	21	14	-
3898	401	-	-
3899	46	-	-
3900	34	-	-
3901	108	-	-
3902	8194	8400	8126
3903	57	-	-
3904	21	-	-
3905	274	-	-
3906	888	1063	-
3907	31	-	-
3908	465	-	-
3909	Nil	-	-

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-5292-RG1

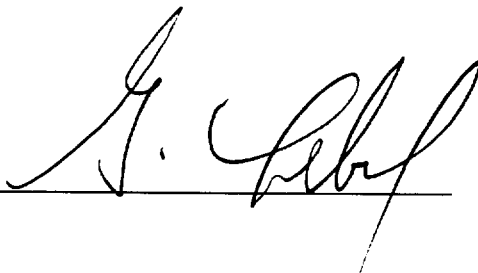
Company: **TRANSPACIFIC RESOURCES LTD**
Project: McGarry
Attn: M. Clay/E. Gallo/D. Robinson

Date: DEC-20-96

We hereby certify the following Geochemical Analysis of 32 Core/Rock samples submitted DEC-14-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
96-33 3910	Nil	-	-
? 3911	45	45	-

One assay ton portion used.

Certified by 



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Metallic Assay Certificate

6W-5292-RM1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: **McGarry**
Attn: **M. Clay/E. Gallo/D. Robinson**

Date: DEC-23-96

We hereby certify the following Metallic Assay of 1 Core samples submitted DEC-14-96 by .

96-34

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value Au		Total Weight Au		Metallic Au		Net Au	
			+100(g/t)	-100(g/t)	+100(mg)	-100(mg)	(oz/ton)	(g/t)	(oz/ton)	(g/t)
3823 VG	307.25	4.98	74.10	32.91	0.369	9.948	0.035	1.20	0.979	33.58

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-5343-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: DEC-27-96

Project: McGarry

Attn: M. Clay/D. Robinson/E. Gallo

We hereby certify the following Geochemical Analysis of 9 Core samples submitted DEC-18-96 by .

Sample Number	Au PPB	Au Check PPB
3912	17	-
3913	43	-
3914	245	309
96-37 3915	55	-
3916	27	-
3917	1030	823
3918	36	-
3919	39	-
3920	79	86

One assay ton used

Certified by

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244

FAX (705) 642-3300



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Metallic Assay Certificate

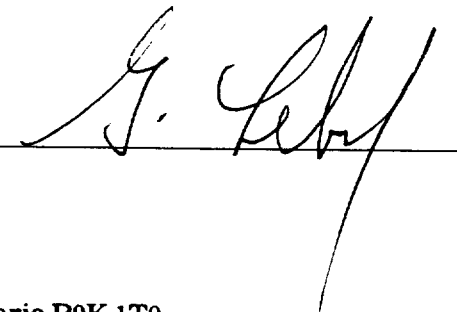
6W-5381-RM1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: **McGarry**
Attn: **D.Robinson/E.Gallo**

Date: DEC-27-96

We hereby certify the following Metallic Assay of 1 Core samples submitted DEC-19-96 by .

Sample Number	Total		+100 M Wt (g)	Assay Value Au		Total Weight Au		Metallic Au		Net Au	
	Wt (g)			+100 (g/t)	-100 (g/t)	+100 (mg)	-100 (mg)	(oz/ton)	(g/t)	(oz/ton)	(g/t)
3824	494.16	11.31	1740.38	58.32	19.684	28.160	1.162	39.83	2.824	96.82	

Certified by 



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Page 1 of 2

Geochemical Analysis Certificate

6W-5393-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: JAN-02-97

Project: McGarry

Attn: D. Robinson / E. Gallo

We hereby certify the following Geochemical Analysis of 46 Core samples submitted DEC-23-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
3921	24	-	-
3922	43	38	-
3923	41	-	-
3924	26	-	-
3925	514	-	-
3926	3120	3703	3017
3927	336	-	-
3928	2	-	-
3929	9	-	-
3930	15	-	-
3931	2	-	-
96-37 3932	Nil	-	-
3933	Nil	-	-
3934	3	-	-
3935	Nil	-	-
3936	Nil	-	-
3937	19	-	-
3938	77	-	-
3939	21	-	-
3940	5	-	-
3941	2	-	-
3942	5	-	-
3943	Nil	-	-
3944	10	-	-
3945	Nil	-	-
3946	132	103	-
3947	19	-	-
3948	1023	1200	-
3949	34	-	-
3950	12	-	-

One assay ton portion used.

Certified by 

P.O. Box 10, Swastika, Ontario P0K 1T0

Telephone (705) 642-3244

FAX (705) 642-3300



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Page 2 of 2

Geochemical Analysis Certificate

6W-5393-RG1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**

Date: JAN-02-97

We hereby certify the following Geochemical Analysis of 46 Core samples submitted DEC-23-96 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
3951	77	-	-
3952	Ni1	-	-
3953	19	-	-
3954	38	-	-
3955	686	437	-
96-37 3956	45	-	-
3957	2	-	-
3958	10	-	-
3959	12	-	-
3960	9	-	-
3961	5	-	-
3962	24	-	-
3963	271	285	-
3964	67	-	-
3965	7	-	-
3966	15	-	-

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

6W-5411-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **E. Gallo / D. Robinson**

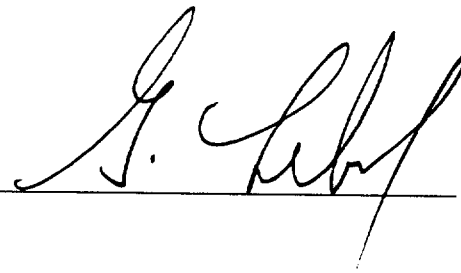
Date: JAN-06-97

We hereby certify the following Geochemical Analysis of 22 Core samples submitted DEC-27-96 by .

Sample Number	Au PPB	Au Check PPB
3967	24	26
3968	29	-
3969	9	-
3970	15	10
3971	163	-
3972	19	-
3973	36	-
3974	21	-
3975	694	754
3976	98	-
3977	110	-
3978	117	-
3979	324	-
3980	9	-
3981	26	-
3982	12	-
3983	9	-
3984	7	9
3985	711	549
3986	10	-
3987	Nil	-
3988	21	-

36-37

One assay ton portion used.

Certified by 



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Established 1928

Metallic Assay Certificate

6W-5411-RM1

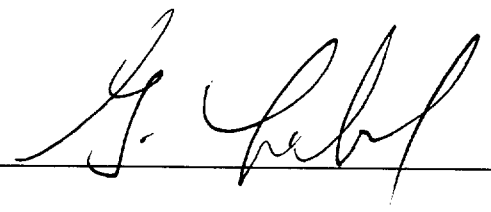
Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **E. Gallo / D. Robinson**

Date: JAN-03-97

We hereby certify the following Metallic Assay of 1 Core samples submitted DEC-27-96 by .

96-35

Sample Number	Total Wt (g)	+100 M Wt (g)	Assay Value Au		Total Weight Au		Metallic Au		Net Au	
			+100(g/t)	-100(g/t)	+100(mg)	-100(mg)	(oz/ton)	(g/t)	(oz/ton)	(g/t)
050	218.80	4.21	9.03	3.18	0.038	0.682	0.005	0.17	0.096	3.29

Certified by 



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Geochemical Analysis Certificate

7W-0003-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**

Date: JAN-07-97

We hereby certify the following Geochemical Analysis of 14 Core samples submitted JAN-03-97 by .

Sample Number	Au PPB	Au Check PPB
01	33	36
02	31	-
3989	43	-
3990	12	-
3991	33	-
96-37 3992	21	-
3993	3	-
3994	7	-
3995	12	10
3996	15	-
3997	5	-
3998	22	-
3999	26	31
4000	19	-

One assay ton portion used.

Certified by Denis Chantre



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Metallic Assay Certificate

7W-0003-RM1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**


Date: JAN-07-97

We hereby certify the following Metallic Assay of 1 Core samples submitted JAN-03-97 by .

Sample Number	Total		+100 M		Assay Value Au		Total Weight Au		Metallic Au		Net Au	
	Wt (g)	Wt (g)	Wt (g)	Wt (g)	+100(g/t)	-100(g/t)	+100(mg)	-100(mg)	(oz/ton)	(g/t)	(oz/ton)	(g/t)
65 V.G.	207.27	29.67	180.92	62.54	5.368	11.107	0.755	25.90	2.318	79.49		

96-38

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

7W-0009-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D. Robinson/E. Gallo**

Date: JAN-08-97

We hereby certify the following Geochemical Analysis of 37 Core samples submitted JAN-06-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
03	21	-	-
04	17	-	-
05	22	24	-
06	117	-	-
07	14	-	-
08	17	-	-
09	9	-	-
10	10	-	-
11	46	-	-
12	26	-	-
13	111	199	-
14	24	-	-
15	14	-	-
16	15	-	-
17	3	-	-
18	14	-	-
19	2	-	-
20	2	-	-
21	65	-	-
22	5	-	-
94	11589	11692	-
101	63	-	-
102	17932	17554	17760
103	74	-	-
104	1646	-	-
105	31	-	-
126	81	-	-
127	106	-	-
128	27	-	-
129	79	-	-

16-35



16-38



16-39

One assay ton portion used.

Certified by Denis Chantre



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Geochemical Analysis Certificate

7W-0009-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: McGarry
Attn: D. Robinson/E. Gallo

Date: JAN-08-97

We hereby certify the following Geochemical Analysis of 37 Core samples submitted JAN-06-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
130	291	233	-
131	46	-	-
132	34	-	-
133	41	-	-
134	21	-	-
135	177	168	-
136	158	-	-

96-39

One assay ton portion used.

Certified by Denis Chantre



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7W-0022-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: McGarry
Attn: E. Gallo / D. Robinson

Date: JAN-08-97

We hereby certify the following Geochemical Analysis of 18 Core samples submitted JAN-06-97 by .

Sample Number	Au PPB	Au Check PPB
23	14	-
24	Nil	-
25	2	-
26	Nil	-
27	3	Nil
28	7	-
29	1572	-
30	105	-
31	48	-
32	1018	965
33	161	-
34	576	-
35	15	-
36	26	-
37	118	-
38	453	501
39	3	-
40	122	-

One assay ton portion used.

Certified by Denis Chastre



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7W-0023-RM1

Company: **TRANSPACIFIC RESOURCES INC**
Project: McGarry
Attn: E. Gallo / D. Robinson

Date: JAN-08-97

We hereby certify the following Metallic Assay of 2 Core samples submitted JAN-06-97 by .

Sample Number	Total		+100 M		Assay Value Au		Total Weight Au		Metallic Au		Net Au	
	Wt (g)	Wt (g)	+100(g/t)	-100(g/t)	+100(mg)	-100(mg)	(oz/ton)	(g/t)	(oz/ton)	(g/t)	(oz/ton)	(g/t)
96-34 199	50.36	1.54	4418.77	258.83	6.805	12.636	3.941	135.13	11.260	386.04		
96-37 200	299.34	13.99	90.35	120.62	1.264	34.419	0.123	4.22	3.477	119.21		

One assay ton portion used.

Certified by *Denis Chantre*



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Geochemical Analysis Certificate

7W-0029-RG1

Company: **TRANSPACIFIC RESOURCES INC**

Date: JAN-09-97

Project: McGarry

Attn: D. Robinson / E. Gallo

We hereby certify the following Geochemical Analysis of 14 Core samples submitted JAN-07-97 by .

Sample Number	Au PPB	Au Check PPB
41	27	-
42	626	535
96-35 43	41	-
44	87	-
45	141	147
46	259	-
187	247	-
188	21	-
189	72	-
96-40 190	36	-
191	12	15
192	14	-
193	Nil	-
194	5	-

One assay ton portion used.

Certified by Denis Chantre



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Geochemical Analysis Certificate

7W-0052-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**

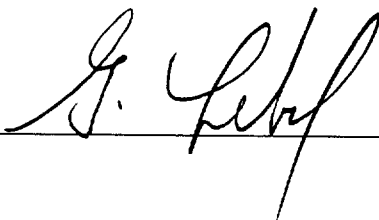
Date: JAN-13-97

We hereby certify the following Geochemical Analysis of 19 Core samples submitted JAN-08-97 by .

Sample Number	Au PPB	Au Check PPB
047	350	-
048	99	84
049	38	-
050 Not Rec'd	-	-
051	410	-
052	249	-
053	87	-
054	2393	2427
055	75	-
056	326	291
057	62	-
058	111	-
059	77	-
060	7	-
061	250	-
062	130	-
063	132	-
064	72	-
066	463	528
100	410	415

6-38

One assay ton portion used.

Certified by 



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7W-0071-RG1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: McGarry
Attn: D.Robinson/E.Gallo

Date: JAN-15-97

We hereby certify the following Geochemical Analysis of 15 Core samples submitted JAN-09-97 by .

Sample Number	Au PPB	Au Check PPB
67	55	62
68	170	-
69	398	343
70	50	-
71	72	-
96-38 72	154	-
73	406	-
74	46	-
75	53	-
76	1490	1101
77	1282	1337
78	108	-
79	5	-
80	36	-
81	5	-

One assay ton portion used.

Certified by K. Morrison



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Geochemical Analysis Certificate

7W-0083-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: JAN-16-97

Project: McGarry

Attn: D. Robinson/E. Gallo

We hereby certify the following Geochemical Analysis of 17 Core samples submitted JAN-10-97 by .

Sample Number	Au PPB	Au Check PPB
82	29	-
83	24	-
84	15	-
85	65	-
86	82	77
96-38 87	14	-
88	89	-
89	15	-
90	31	-
91	67	-
92	2	Nil
93	12	-
95	242	171
96	31	-
97	70	-
98	10	-
99	27	-

One assay ton portion used.

Certified by



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Geochemical Analysis Certificate

7W-0099-RG1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: McGarry
Attn: D. Robinson / E. Gallo

Date: JAN-17-97

We hereby certify the following Geochemical Analysis of 41 Core samples submitted JAN-13-97 by .

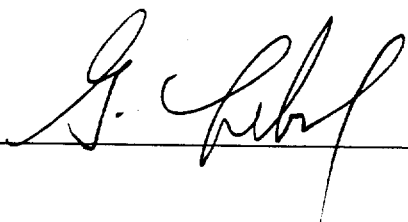
Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Cu PPM
106	84	-	-	-
107	216	-	-	-
108	19	-	-	-
109	166	-	-	-
110	382	370	-	-
111	351	-	-	-
112	48	-	-	-
113	98	-	-	-
114	783	857	-	-
115	117	-	-	-
116	261	-	-	-
117	53	-	-	-
118	46	-	-	-
119	91	-	-	-
120	22	-	-	-
121	53	-	-	-
122	21	-	-	-
123	Nil	-	-	-
124	288	219	-	-
125	10	-	-	-
137	17	-	-	-
138	14	-	-	-
139	17	-	-	-
140	15	-	-	-
141	2	-	-	-
142	3	-	-	-
143	Nil	-	-	-
144	15	-	-	-
253	77	81	-	-
254	3	-	-	-

16-38
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16-39
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16-42

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

7W-0099-RG1

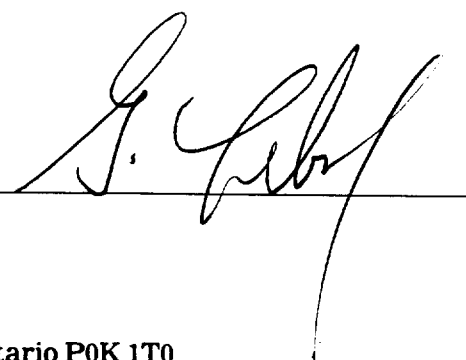
Company: **TRANSPACIFIC RESOURCES LTD**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**

Date: JAN-17-97

We hereby certify the following Geochemical Analysis of 41 Core samples submitted JAN-13-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Cu PPM
256	163	-	-	-
257	3	-	-	-
258	15	-	-	-
259	38	-	-	854
260	Nil	-	-	-
96-42 301	7	-	-	-
302	10	-	-	-
303	33	-	-	-
304	12823	12617	11623	-
305	31	-	-	-
96-39 145	17	-	-	-

One assay ton portion used.

Certified by 



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7W-0117-RG1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**

Date: JAN-20-97

We hereby certify the following Geochemical Analysis of 20 Core samples submitted JAN-15-97 by .

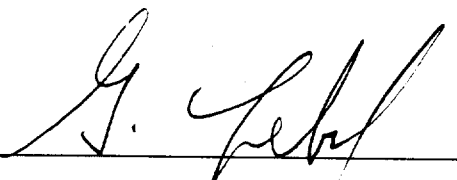
Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au Check PPB
146	21	-	-	-
147	5	-	-	-
148	14	-	-	-
149	34	74	-	-
150	43	-	-	-
151	89	-	-	-
152	122	-	-	-
153	146	-	-	-
154	26	-	-	-
155	34	-	-	-
306	10	-	-	-
307	91	-	-	-
308	19	21	-	-
309	33	-	-	-
310	19	-	-	-
311	45	38	-	-
312	81	-	-	-
313	10800	10663	9703	10046
314	170	-	-	-
315	115	-	-	-

96-39



96-42

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

7W-0126-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D. Robinson/E. Gallo**

Date: JAN-20-97

We hereby certify the following Geochemical Analysis of 27 Core samples submitted JAN-16-97 by .

Sample Number	Au PPB	Au Check PPB
156	17	-
157	19	-
158	22	-
159	15	-
160	130	70
161	14	-
162	26	-
163	17	-
316	12	-
317	9	-
318	10	-
319	58	-
320	1512	1920
321	43	-
322	22	-
323	43	-
324	3	-
325	2	-
326	Nil	-
327	5	-
328	2	-
329	5	-
330	14	-
331	17	-
332	14	-
333	17	-
334	1200	891

06-39
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06-42

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

7W-0171-RG1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**

Date: JAN-23-97

We hereby certify the following Geochemical Analysis of 78 Core samples submitted JAN-20-97 by .

Sample Number	Au PPB	Au Check PPB
164	69	69
165	5	-
166	14	-
167	14	-
168	7	-
169	17	-
170	12	-
171	15	-
172	5	-
173	24	-
96-39 ↑ 174	Nil	-
175	22	-
176	12	-
177	5	-
178	17	-
179	19	-
180	31	-
181	81	55
96-40 ↑ 182	10	-
183	14	-
184	29	-
185	21	17
186	12	-
187	Not Rec'd	-
188	Not Rec'd	-
189	Not Rec'd	-
190	Not Rec'd	-
191	Not Rec'd	-
192	Not Rec'd	-
193	Not Rec'd	-

One assay ton portion used.

Certified by Denis Choube



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Geochemical Analysis Certificate

7W-0171-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: JAN-23-97

Project: McGarry

Attn: D. Robinson / E. Gallo

We hereby certify the following Geochemical Analysis of 78 Core samples submitted JAN-20-97 by .

Sample Number	Au PPB	Au Check PPB
194 Not Rec'd	-	-
195	20	-
196	10	-
197	39	-
198	12	-
201	14	-
202	127	171
203	26	-
204	3	-
205	5	-
206	7	-
207	4	-
96-40 208	46	34
209	41	-
210	10	-
211	17	-
212	14	-
213	51	-
214	298	377
215	45	-
216	72	-
217	Nil	-
218	9	-
219	33	-
220	21	-
221	86	-
222	19	-
223	3	-
224	2	-
225	1018	1029

One assay ton portion used.

Certified by Denis Chantre



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Geochemical Analysis Certificate

7W-0171-RG1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: McGarry
Attn: D. Robinson / E. Gallo

Date: JAN-23-97

We hereby certify the following Geochemical Analysis of 78 Core samples submitted JAN-20-97 by .

Sample Number	Au PPB	Au Check PPB
226	33	-
227	99	-
228	57	-
229	7	-
230	5	-
6-40 231	3	-
232	19	-
233	12	26
234	Nil	-
235	17	-
236	Nil	-
237	Nil	-
238	67	-
239	360	411
240	31	-
6-42 241	41	-
242	5	-
243	7	-
244	141	-
245	Nil	-
246	9	-
247	1646	1817
248	2023	2091
249	485	-
250	7	-
? No Tag	19	-

One assay ton portion used.

Certified by Dennis Chantre



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Page 1 of 2

Geochemical Analysis Certificate

7W-0195-RG1

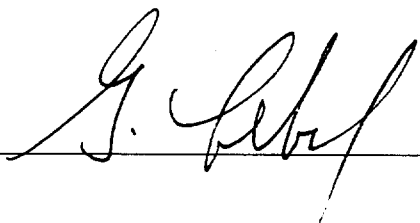
Company: **TRANSPACIFIC RESOURCES LTD**
Project: McGarry
Attn: D.Robinson/E.Gallo

Date: JAN-24-97

We hereby certify the following Geochemical Analysis of 36 Core samples submitted JAN-21-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
36-42 251	914	994	-
261	22	-	-
262	14	-	-
263	27	-	-
36-43 264	26	-	-
265	62	-	-
266	17	-	-
289	97	-	-
290	21	-	-
291	185	-	-
292	38	-	-
293	31	-	-
294	22	-	-
295	58	-	-
296	33	-	-
36-41 297	72	-	-
298	130	-	-
299	3531	3463	-
300	27	-	-
335	93	-	-
336	22	-	-
337	1097	-	-
338	23726	23932	24172
339	509	-	-
340	26	-	-
341	24	-	-
342	89	-	-
343	10	-	-
344	1140	1029	-
345	14	-	-

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

7W-0195-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: JAN-24-97

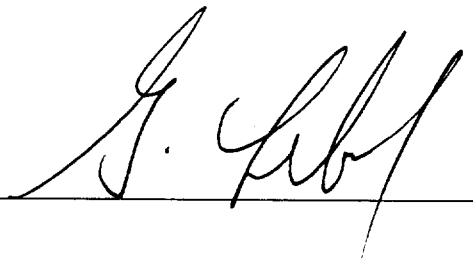
Project: McGarry

Attn: D.Robinson/E.Gallo

We hereby certify the following Geochemical Analysis of 36 Core samples submitted JAN-21-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
346	43	-	-
347	45	-	-
96-41 348	149	-	-
349	34	-	-
350	23	-	-
96-42 252	1197	1200	-

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

7W-0204-RG1

Company: **TRANSPACIFIC RESOURCES INC**

Date: JAN-24-97

Project:

Attn: D.Robinson/E. Gallo

We hereby certify the following Geochemical Analysis of 22 Core samples submitted JAN-22-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
267	266	-	-
268	1783	2030	2811
269	15	-	-
270	530	411	-
271	686	506	-
272	21	-	-
273	31	-	-
274	10	-	-
275	14	-	-
276	5	-	-
277	14	-	-
278	91	-	-
279	3	-	-
280	207	278	-
281	14	-	-
282	17	-	-
283	22	19	-
284	17	-	-
285	406	411	-
286	38	-	-
287	39	-	-
288	156	-	-

96-43

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

7W-0232-RG1

Company: **TRANSPACIFIC RESOURCES INC**
Project: McGarry
Attn: D. Robinson / E. Gallo

Date: JAN-28-97

We hereby certify the following Geochemical Analysis of 27 Core samples submitted JAN-23-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
351	19	-	-
352	33	-	-
353	609	446	-
354	72	-	-
355	15	-	-
356	51	-	-
357	53	-	-
358	27	-	-
359	2777	3017	3223
360	17	-	-
361	15	-	-
96-41 362	26	-	-
363	183	-	-
364	45	53	-
365	31	-	-
366	46	-	-
367	43	-	-
368	24	-	-
369	117	-	-
370	891	1131	-
371	84	-	-
372	643	603	-
373	31	-	-
374	231	-	-
375	21	-	-
376	48	-	-
377	12	-	-

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

7W-0431-RG1

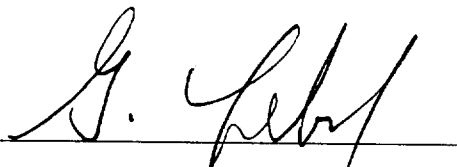
Company: **TRANSPACIFIC RESOURCES INC**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**

Date: FEB-12-97

We hereby certify the following Geochemical Analysis of 26 Core samples submitted FEB-06-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
378	9	-	-
379	2640	2949	-
380	48	-	-
381	1377	-	-
382	24	-	-
383	14263	13680	15737
384	67	-	-
385	1185	801	-
386	50	-	-
387	15	-	-
388	5	-	-
389	5	-	-
96-43 390	132	-	-
391	9	-	-
392	Nil	-	-
393	Nil	-	-
394	2	-	-
395	Nil	-	-
396	Nil	-	-
397	9	-	-
398	2	-	-
399	2	-	-
400	22	-	-
401	19	21	-
402	26	-	-
403	31	-	-

One assay ton portion used.

Certified by 



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Geochemical Analysis Certificate

7W-0487-RG1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: **McGarry**
Attn: **D. Robinson / E. Gallo**

Date: FEB-17-97

We hereby certify the following Geochemical Analysis of 28 Core samples submitted FEB-07-97 by .

Sample Number	Au PPB	Au Check PPB
404	15	-
405	12	-
406	9	-
407	17	-
408	55	-
409	17	-
410	33	38
411	27	-
412	1303	1234
413	31	-
414	10	-
96-43 415	5	-
416	3	-
417	33	-
418	9	-
419	7	-
420	48	41
421	17	-
422	53	-
423	10	-
424	14	-
425	74	-
426	17	-
427	21	-
428	31	-
429	26	-
430	326	240
431	27	-

One assay ton portion used.

Certified by *Dennis Chambers*



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Geochemical Analysis Certificate

7W-0493-RG1

Company: **TRANSPACIFIC RESOURCES LTD**

Date: FEB-14-97

Project: McGarry

Attn: D. Robinson / E. Gallo

We hereby certify the following Geochemical Analysis of 12 Core samples submitted FEB-08-97 by .

Sample Number	Au PPB	Au Check PPB
96-41 432	19	10
433	26	-
434	7	-
435	41	-
436	43	-
96-37 437	21	-
438	5	-
96-42 439	10	-
440	5	-
96-40 441	3	-
96-38 442	737	717
96-31 443	14	-

One assay ton portion used.

Certified by Denis Charbonne



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Established 1928

Geochemical Analysis Certificate

7W-0604-RG1

Company: **TRANSPACIFIC RESOURCES LTD**
Project: McGarry
Attn: D. Robinson/E. Gallo

Date: FEB-25-97

We hereby certify the following Geochemical Analysis of 5 Core samples submitted FEB-13-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB
96-26 444	24	-	-
445	122	108	-
↓ 446	62	-	-
96-32 447	5635	6058	4594
448	39	-	-

One assay ton portion used.

Certified by Denis Chantre

DIAMOND DRILL CORE LOG



LATITUDE 1341.7 N

DEPARTURE 1932.3 E

ELEVATION '0'

BEARING N 8°W (Grid North) Az. 352°

DIP AT COLLAR 45°

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing

32D04NE2006 2.18120 MCGARRY

020

CLAIM No. mining Lease CLM 298

HOLE No. 97-44

CORE SIZE BQ

STARTED March 29, 1997

FINISHED April 1, 1997

TOTAL DEPTH OF HOLE 106.0 meters

METERAGE		DESCRIPTION	SAMPLE No.	ASSAYS					CORE LENGTH meters		
FROM	TO			Au ppb	Au Check ppb	% CU	% ZN	% NI	FROM	TO	ACC WIDTH
0.0	4.0	Casing									
4.0	69.0	DIORITE. Coarse-grained, magnetic, light grey to dark greenish-grey colour. Occasional carbonate and/or quartz threads and stringers. Occasional epidote-lined fractures and patches.	6301	40					4.0	5.2	1.2
			6348	24					5.2	7.0	1.8
			6302	80					7.0	8.4	1.4
			6349	34					8.4	10.0	1.6
			6303	40					12.0	13.0	1.0
		13.0 - 14.0 - 1% disseminated pyrite									
			6304	30					14.5	15.3	0.8
		15.3 - 15.4 - 1-2% disseminated chalcopyrite @ 21.0 - 0.5 cm wide chalcopyrite seam	6305	50	40				15.3	16.0	0.7
			6350	22					20.6	22.3	1.7
		21.0 - 31.0 - occasional patch of chalcopyrite up to 1 cm.	6306	40					22.3	22.7	0.4
			6351	72	39				22.7	23.6	0.9
			6307	30					23.6	24.2	0.6
		@ 25.5 - 1 mm wide pyrite stringer	6352	36					24.2	26.0	1.8
			6353	24					26.0	28.0	2.0

CONTRACTOR Kosy Drilling Ltd.

LOGGED BY E. A. Gallo

DIAMOND DRILL CORE LOG

TRANSPACIFIC RESOURCES INC.

Sheet No. 2 of 5

PROPERTY McGarry Project

HOLE NO. 97-44

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS					CORE LENGTH meters			
FROM	TO			Au ppb	Au Check ppb	% CU	% ZN	% NI	FROM	TO	ACC WIDTH	
4.0	69.0			DIORITE (cont'd)	6354	39						
			6308	30					28.0	30.0	2.0	
			6309	20					30.0	31.0	1.0	
			6310	10					34.4	35.1	0.7	
			6311	30					35.9	36.2	0.3	
		@ 40.4 - 1 mm wide pyrite stringer							37.0	38.0	1.0	
			6312	40								
		43.1 - 43.2 - 12% chalcopryrite and 5% pyrite	6355	60					41.6	43.0	1.4	
		in irregular patches							43.0	44.3	1.3	
		@ 46.9 - minor disseminated pyrite	6313	10								
		@ 48.3 - 1 cm wide quartz veinlet with minor chalcopryrite							46.0	47.2	1.2	
			6314	470		(0.01 oz/ton)						
		51.4 - 51.8 - quartz vein	6315	10					49.5	49.7	0.2	
			6357	30					51.4	51.8	0.4	
		62.0 - 62.2 - epidote seam with minor quartz	6317	10					52.3	53.8	1.5	
		and pyrite							62.0	62.2	0.2	
			6316	Nil	Nil							
		65.0 - 65.2 - fine-grained							64.5	64.8	0.3	

DIAMOND DRILL CORE LOG

Sheet No. 4 of 5

PROPERTY McGarry Project

TRANSPACIFIC RESOURCES INC.

HOLE NO. 97-44

Meterage		DESCRIPTION	SAMPLE No.	ASSAY						CORE LENGTH meters		
FROM	TO			Au ppb	AG OZ	% CU	% ZN	% NI	FROM	TO	ACC WIDTH	
80.1	106.0	DIORITE (cont'd)										
		patches. @ 84.3 - 1 cm wide quartz-carbonate veinlet										
		at 30° to core axis										
		@ 85.1 - 2 cm wide quartz-carbonate veinlet with	6319	Nil					85.0	85.2	0.2	
		epidote, hematite-stained, at 45°										
		to core axis										
		@ 90.8 - 1 cm wide quartz-carbonate veinlet at										
		40° to core axis. Epidote alteration										
		4 cm wide on each side of veinlet.										
		@ 94.6 - 5 mm wide quartz-carbonate veinlet,	6320	10					94.5	94.8	0.3	
		with 4 cm epidote, hematite-stained										
			6359	12					95.7	97.0	1.3	
			6358	10					97.0	98.1	1.1	
		@ 98.6 - 99.5 - 8 quartz-carbonate veinlets	6388	10					98.6	99.5	0.9	
		ranging from 1 mm - 1 cm in										
		width, 50°-60° to core axis.										
		Minor pyrite in a patch at 99.2										
			6321	10					100.5	100.9	0.4	

DIAMOND DRILL CORE LOG

LATITUDE 1341.5 N

DEPARTURE 1906.5 E

ELEVATION '0'

BEARING N 8° W (Grid North) Az. 352°

DIP AT COLLAR 45°

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing

TOTAL DEPTH OF HOLE 101.0 meters

PROPERTY McGarry Project
 CLAIM No. Mining Lease CLM 298
 HOLE No. 97-45
 CORE SIZE BQ
 STARTED April 1, 1997
 FINISHED April 5, 1997

METERAGE		DESCRIPTION	SAMPLE No.	ASSAYS						CORE LENGTH meters		
FROM	TO			Au ppb	% CU	% ZN	% NI	FROM	TO	ACC WIDTH		
0.0	7.0	Casing										
7.0	42.7	DIORITE. Very coarse-grained, dark greenish-grey colour. Occasional quartz and/or carbonate threads and stringers. Occasional epidote stringers and patches. Magnetic. Locally diabasic texture.										
		7.0 - 8.2 - 7 quartz-carbonate stringers up to 5 mm in width	6322	10					7.0	8.2	1.2	
		8.1 - 8.2 - 3-5% disseminated pyrite										
		17.9 - 18.7 - minor disseminated chalcopyrite @ 21.6 - trace chalcopyrite	6323	Nil					17.9	18.7	0.8	
		25.0 - 26.2 - 1-2% disseminated chalcopyrite	6324	60					25.0	26.2	1.2	
		31.6 - 32.9 - 10 cm wide patch @ 31.8 of 10% disseminated chalcopyrite, and 2 cm patch @ 32.9 of 3% disseminated chalcopyrite	6325	50					31.6	32.9	1.3	

CONTRACTOR Kosy Drilling Ltd

LOGGED BY E. A. Gallo

DIAMOND DRILL CORE LOG

Sheet No. 2 of 4

TRANSPACIFIC RESOURCES INC.

PROPERTY McGarry Project

HOLE NO. 97-45

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS						CORE LENGTH meter		
FROM	TO			Au. ppb	Au Check ppb	% CU	% ZN	% NI	FROM	TO	ACC WIDTH	
7.0	42.7	DIORITE (cont'd)										
		37.9 - 38.2 - 2 quartz-carbonate stringers up to 1 cm in width, with hematite										
		38.6 - 39.0 - 1-2% disseminated chalcopyrite and 1-2% disseminated pyrite.	6326	20	20				38.6	39.0	0.4	
		40.9 - 42.7 - slightly bleached										
42.7	61.0	SYENITE PORPHYRY. Very coarse-grained to coarse-grained, pinkish-red colour. Frequent quartz and/or carbonate threads and stringers, at 40°-60° to core axis. Cream-coloured feldspar phenocrysts up to 2 mm in diameter. Contacts at 42.7 and 61.0 are both at 45° to core axis.										
61.0	101.0	DIORITE. Very coarse-grained, dark greenish-grey colour. Occasional quartz and/or carbonate threads and stringers. Occasional epidote stringers and patches. Magnetic. Locally diabasic texture.										
		75.0 - 75.6 - 5 quartz-carbonate veinlets up to 3 cm wide, generally at 45° to core axis. Epidotized.	6390	Nil	Nil				75.0	75.6	0.6	

DIAMOND DRILL CORE LOG

Sheet No. 3 of 4

TRANSPACIFIC RESOURCES INC.

PROPERTY McGarry Project

HOLE NO. 97-45

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS						CORE LENGTH meters		
FROM	TO			Au ppb	AG OZ	% CU	% ZN	% NI	FROM	TO	ACC WIDTH	
61.0	101.0	DIORITE (cont'd)										
		75.0 - 75.6 (cont'd) Minor hematite staining.										
		84.6 - 85.4 - Trace disseminated pyrite.	6327	10					84.6	85.4	0.8	
		Frequent epidote patches and stringers. @ 84.9 - 3 cm wide carbonate vein at 45° to core axis.										
		86.2 - 87.2 - Frequent epidote patches and stringers. Hematite staining.	6328	10					86.2	87.2	1.0	
		92.3 - 98.3 - Some fine-grained sections. Fractured. Frequent irregular quartz-carbonate threads and stringers.										
		94.9 - 95.9 - trace disseminated pyrite.	6360	10					94.9	95.9	1.0	
		97.0 - 98.3 - traces disseminated chalcopyrite & pyrite	6361	17					97.0	98.3	1.3	
		98.3 - 99.2 - quartz-carbonate veinlets up to 3 cm. wide @ 98.3, 98.7, and 99.2	6391	Nil					98.3	99.2	0.9	

DIAMOND DRILL CORE LOG

LATITUDE 1328.9 N

DEPARTURE 1880.7 E

ELEVATION '0'

BEARING N 8° W (Grid North) Az. 352°

DIP AT COLLAR 45°

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing

TOTAL DEPTH OF HOLE 101.0 meters

PROPERTY McGarry Project
 CLAIM No. Mining Lease CLM 298
 HOLE No. 97-46
 CORE SIZE BQ
 STARTED April 6, 1997
 FINISHED April 8, 1997

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS						CORE LENGTH meters		
FROM	TO			Au ppb	Au Check ppb	% CU	% ZN	% NI	FROM	TO	ACC WIDTH	
0.0	13.0	Casing. (Clay, sand, occasional boulders)										
13.0	30.0	DIORITE. Very coarse grained, greenish-grey to dark greyish-green colour. Occasional quartz-carbonate threads and stringers at 30°-60° to core axis. Occasional hematite-lined fractures. Occasional epidote stringers & patches. Magnetic. Trace pyrite. @ 18.4 - 2 cm wide carbonate vein with trace pyrite.	6329	Nil					13.0	14.3	1.3	
			6331	Nil					14.3	15.6	1.3	
			6330	10					15.6	17.2	1.6	
			6332	10					17.2	18.6	1.4	
			6333	10	10				18.6	20.0	1.4	
			6334	10					20.0	21.3	1.3	
			6335	10					21.3	23.0	1.7	
			6336	10					23.0	25.0	2.0	
			6337	10					25.0	27.0	2.0	
		27.0 - 30.0 - Epidotized	6338	20					27.0	29.0	2.0	
		@ 28.2 - 2 cm wide quartz-carbonate veinlet at										

CONTRACTOR Kosy Drilling Ltd.

LOGGED BY E. A. Gallo

DIAMOND DRILL CORE LOG

LATITUDE 1328.4 N

DEPARTURE 1856 E

ELEVATION 10'

BEARING N 8° W (Grid North) Az. 352°

DIP AT COLLAR 45°

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing

TOTAL DEPTH OF HOLE 30.0

PROPERTY McGarry Project
 CLAIM No. Mining Lease CLM 298
 HOLE No. 97-47
 CORE SIZE BQ
 STARTED April 9, 1997
 FINISHED April 10, 1997

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS					CORE LENGTH meters		
FROM	TO			AU OZ	AG OZ	% CU	% ZN	% NI	FROM	TO	ACC WIDTH
0.0	30.0	Casing. (Boulders and sand.)									
	30.0	End of Hole. (Hole lost when casing broke off.)									

CONTRACTOR Kosy Drilling Ltd.

LOGGED BY E. A. Gallo

TRANSPACIFIC RESOURCES INC.
DIAMOND DRILL CORE LOG

LATITUDE 1300 N
 DEPARTURE 1856 E
 ELEVATION '0'
 BEARING N 8° W (Grid North) Az. 352°
 DIP AT COLLAR 50°

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing

PROPERTY McGarry Project
 CLAIM No. Mining Lease CLM 298
 HOLE No. 97-48
 CORE SIZE BQ
 STARTED April 10, 1997
 FINISHED April 11, 1997

TOTAL DEPTH OF HOLE 103.0 meters

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS						CORE LENGTH meters		
FROM	TO			AU OZ	AG OZ	% CU	% ZN	% NI	FROM	TO	ACC WIDTH	
0.0	103.0	Casing. (Boulders).										
	103.0	End of Hole. (Hole lost when casing broke off.)										

CONTRACTOR Kosy Drilling Ltd.

LOGGED BY E. A. Gallo

TRANSPACIFIC RESOURCES INC.
DIAMOND DRILL CORE LOG

LATITUDE 1475.3 N

DEPARTURE 1856.6 E

ELEVATION '0'

BEARING S 8° E (Grid South) Az 172°

DIP AT COLLAR 45°

Tests Depth	Dip	Magnetic Bearing	Corrected Bearing

TOTAL DEPTH OF HOLE 207.0 meters

PROPERTY McGarry Project
 CLAIM No. Mining Lease CLM 298
 HOLE No. 97-49
 CORE SIZE BQ
 STARTED April 11, 1997
 FINISHED April 14, 1997

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS						CORE LENGTH meters		
FROM	TO			Au ppb	AG OZ	% CU	% ZN	% NI	FROM	TO	ACC WIDTH	
0.0	20.0	Casing. (Sand and boulders)										
20.0	38.3	DIORITE. Very coarse-grained, dark greenish-grey colour, magnetic. Frequent epidote stringers and patches. Occasional quartz and/or carbonate threads and stringers.										
		22.9 - 23.2 - fine grained										
		26.5 - 26.6 - highly epidotized, with hematite-stained threads and patches.										
		26.8 - 28.0 - quartz-carbonate veinlets up to 3 cm wide at 26.8, 26.9, 27.0, 27.7, and 28.0, at 45°-90° to core axis.	6393	20					26.8	28.0	1.2	
		31.0 - 32.5 - quartz-carbonate veinlets up to 10 cm wide at 31.1, 31.6, 31.9, 32.2, and 32.5, at 20°-45° to core axis. 1% chalcopyrite	6356	5					31.0	32.5	1.5	
		33.7 - Fracture at 15° to core axis.										

CONTRACTOR Kosy Drilling Ltd.

LOGGED BY E. A. Gallo

DIAMOND DRILL CORE LOG

Sheet No. 4 of 9

TRANSPACIFIC RESOURCES INC.

PROPERTY McGarry Project

HOLE NO. 97-49

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS						CORE LENGTH meters		
FROM	TO			Au ppb	AG OZ	% CU	% ZN	% NI	FROM	TO	ACC WIDTH	
46.2	88.4	DIORITE (cont'd)										
		@ 81.7 - 1 cm wide quartz-carbonate veinlet at 20° to core axis.										
		81.7 - 82.8 - minor disseminated pyrite.										
		@ 82.8 - 1 cm wide quartz-carbonate veinlet at 15° to core axis.										
		@ 83.0 - patch of pyrite										
		87.3 - 87.6 - quartz vein. Greasy texture, 3% chalcopyrite in patches, 45° to core axis.	6366	38					87.3	87.6	0.3	
		@ 88.1 - 1 cm wide silicified stringer, stained pink by hematite, at 15° to core axis.										
		@ 88.2 - grain of pyrite										
		@ 90.7 - 3 mm wide chalcopyrite stringer, at 60° to core axis.										
88.4	116.4	BASALT. Fine-grained, grey colour. Occasional quartz-carbonate stringers up to 1 cm wide, at 30°-45° to core axis.										
		92.7 - 94.0 - strongly sericitized, carbonatized	6367	12					92.7	94.0	1.3	

DIAMOND DRILL CORE LOG

Sheet No. 5 of 9

PROPERTY McGarry Project

TRANSPACIFIC RESOURCES INC.

HOLE NO. 97-49

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS					CORE LENGTH meters		
FROM	TO			Au ppb	AG OZ	% CU	% ZN	% NI	FROM	TO	ACC WIDTH
88.4	116.4	BASALT (cont'd)									
		94.0 - 99.2 - Strongly sericitized, carbonatized, with abundant fuschite. Green carbonate zone. Frequent white quartz-carbonate veinlets up to 3 cm wide, contorted, running along core to 70° to core axis. Minor hematite staining.	6368	15					94.1	95.6	1.5
		99.2 - 99.9 - Silicified, carbonatized, sericitized, some fuschite.									
		99.9 - 100.7 - Strongly sericitized, carbonatized, with abundant fuschite. Green carbonate zone. Frequent white quartz-carbonate veinlets up to 3 cm wide.	6371	7					99.9	100.7	0.8
		100.7 - 102.7 - silicified, carbonatized, sericitized, some fuschite.									
		102.7 - 103.5 - moderately to strongly sericitized, carbonatized, silicified, abundant	6372	15					102.7	103.5	0.8

DIAMOND DRILL CORE LOG

Sheet No. 6 of 9

PROPERTY McGarry Project

TRANSPACIFIC RESOURCES INC.

HOLE NO. 97-49

Meterage		DESCRIPTION	SAMPLE No.	ASSAYS						CORE LENGTH meters		
FROM	TO			Au ppb	AG OZ	% CU	% ZN	% NI	FROM	TO	ACC WIDTH	
88.4	116.4	BASALT (cont'd)										
		102.7 - 103.5 (cont'd) - fuschite.										
		103.5 - 108.3 - slightly carbonatized and sericitized.										
		108.3 - 109.9 - sericitized, carbonatized, silicified, some fuschite.	6373	58					108.3	109.9	1.6	
		109.9 - 111.5 - slightly carbonatized, sericitized and silicified.	6374	12					109.9	111.5	1.6	
		111.5 - 112.8 - slightly carbonatized, sericitized and silicified.										
		112.8 - 114.9 - slightly carbonatized, sericitized and silicified, 10 cm wide quartz- carbonate vein at 45° to core axis	6375	230	(0.01 oz/ton)				112.8	114.9	2.1	
116.4	207.0	ANDESITE. Fine-grained, grey colour. Pillowed? Frequent quartz-carbonate threads and stringers up to 1 cm wide, varying from 0°-60° to core axis, but generally at 50° to core axis. Local medium-grained sections. Local diabasic textured sections.										
		118.0 - 119.0 - 2 quartz-carbonate veinlets average 2 cm wide, at 118.2 and 118.5. Trace pyrite	6376	2					118.0	119.0	1.0	



Report of Work Conducted After Recording Claim

Mining Act

Transaction Number

W9880.00067

Personal information collected on this form is obtained under the authority of the this collection should be directed to the Provincial Manager, Mining Lands, 1 Sudbury, Ontario, P3E 6A5, telephone (705) 670-7264.



32D04NE2006 2.18120 MCGARRY

900

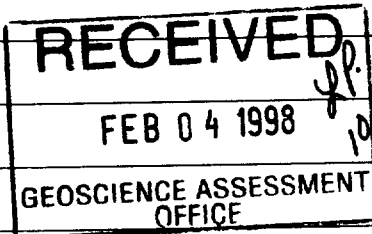
- Instructions:**
- Please type or print and submit in duplicate.
 - Refer to the Mining Act and Regulations for requirements of filing assessment work or consult the Mining Recorder.
 - A separate copy of this form must be completed for each Work Group.
 - Technical reports and maps must accompany this form in duplicate.
 - A sketch, showing the claims the work is assigned to, must accompany this form.

2.18120

Recorded Holder(s) Transpacific Resources Inc.		Client No. 300722
Address R.R.#1, Conn, Ont. NOG 1NO		Telephone No. (519) 848-3388
Mining Division Larder Lake	Township/Area McGarry and McVittie Twps.	M or G Plan No. G-3678 and G-3163
Dates Work Performed From: Oct. 2, 1996	To: July 2, 1997	

Work Performed (Check One Work Group Only)

Work Group	Type
Geotechnical Survey	
Physical Work, Including Drilling	Diamond Drilling
Rehabilitation	
Other Authorized Work	
Assays	
Assignment from Reserve	



Total Assessment Work Claimed on the Attached Statement of Costs \$ 260,589.

Note: The Minister may reject for assessment work credit all or part of the assessment work submitted if the recorded holder cannot verify expenditures claimed in the statement of costs within 30 days of a request for verification.

Persons and Survey Company Who Performed the Work (Give Name and Address of Author of Report)

Name	Address
G. Kozy	3 Hilltop Dr., Chaput Hughes, Ont. POK 1TO
D. Robinson	24 Victoria St., Swastika, Ont. POK 1TO
E. Gallo	148 Allanhurst Dr., Islington, Ont. M9A 4K7

(attach a schedule if necessary)

Certification of Beneficial Interest * See Note No. 1 on reverse side

I certify that at the time the work was performed, the claims covered in this work report were recorded in the current holder's name or held under a beneficial interest by the current recorded holder.	Date Jan. 29/98	Recorded Holder or Agent (Signature) <i>E. A. Gallo</i>
----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------	------------------------------------------------------------

E. A. Gallo

Certification of Work Report

I certify that I have a personal knowledge of the facts set forth in this Work report, having performed the work or witnessed same during and/or after its completion and annexed report is true.		
Name and Address of Person Certifying Ernest A. Gallo, 148 Allanhurst Dr., Islington, Ont. M9A 4K7		
Telephone No. (416) 245-3511	Date Jan. 29/98	Certified By (Signature) <i>E. A. Gallo</i>

E. A. Gallo

For Office Use Only

Total Value Cr. Recorded	Date Recorded	Mining Recorder	Received Stamp PROVINCIAL RECORDING OFFICE - SUDBURY RECEIVED FEB 04 1998 A.M. 10:00 NB P.M. 7 8 9 10 11 12 1 2 3 4 5 6
	Deemed Approval Date <i>May 5/98</i>	Date Approved	
	Date Notice for Amendments Sent		

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FEB 04 1998
GEOSCIENCE ASSESSMENT OFFICE

2.18120

Work Report Number for Applying Reserve

Note: All claims are in McGarry Twp. except L 1211910 which is in McVittie Twp.

Claim Number (see Note 2)	Number of Claim Units
Mining Lease CLM 298	52
L 1186428	1
L 1193121	4
L 1193122	4
L 1193123	2
L 1202670	4
L 1202672	2
L 1205736	1
L 1205890	3
L 1205891	2
L 1205892	2
L 1211910*	8
L 1217681	3
L 1221811	2
L 1221812	2
L 1225039	2
L 1225085	4
L 1225087	3
L 1225091	2
18 (+1 Min'g Lease)	

Value of Assessment Work Done on this Claim	Value Applied to this Claim
260,589 /	0
0	3000 /
0	5,200 /
0	17,600 /
0	3200
0	17,600 /
0	3200
0	9,600 /
0	1,000
0	7987 /
0	19,200 /
0	1,000 /
0	87189
0	2000 /
0	5,200 /
0	15,600 /
0	6000
0	4000 /
0	10,400 /
0	19,300 /
0	44,800
0	6000 /
0	15,600 /
0	4000 /
0	12,000 /
0	4000 /
0	10,400 /
0	20,800 8000
0	15,600 6000
0	10,400 4000
260,589	260,589 86,787

Value Assigned from this Claim	Reserve: Work to be Claimed at a Future Date
-260,589 86,787	173,802
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
0	0
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0	0
0	0
0	0
0	0
0	0
86,787	173,802
-260,589	0

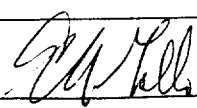
Credits you are claiming in this report may be cut back. In order to minimize the adverse effects of such deletions, please indicate from which claims you wish to prioritize the deletion of credits. Please mark (✓) one of the following:

- Credits are to be cut back starting with the claim listed last, working backwards.
- Credits are to be cut back equally over all claims contained in this report of work.
- Credits are to be cut back as prioritized on the attached appendix from Mining Claim L 1202672.

In the event that you have not specified your choice of priority, option one will be implemented.

Note 1: Examples of beneficial interest are unrecorded transfers, option agreements, memorandum of agreements, etc., with respect to the mining claims.

Note 2: If work has been performed on patented or leased land, please complete the following:

Certify that the recorded holder had a beneficial interest in the patented leased land at the time the work was performed.	Signature 	Date Jan. 29/98
----------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------	--------------------

E. A. Gallo

Personal information collected on this form is obtained under the authority of subsection 6(1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to the Chief Mining Recorder, Ministry of Northern Development and Mines, 6th Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

2,181,200

Work Type	Units of Work <small>Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.</small>	Cost Per Unit of work	Total Cost
Diamond Drilling	3,123.5 meters	59.40	185,536.
Geological Supervision	95 days	200.	19,000.
Core Grabber/Splitter	95 days	100.	9,500.
Consulting/Reporting	54 days	350.	18,900.
Assaying	980 samples	12.57	12,322.
Drafting	278 hours	20.	5,560.
Associated Costs (e.g. supplies, mobilization and demobilization).			
Mob and Demob			1,500.
Supplies			3,859.
Transportation Costs			
Truck/Snowmachine Rentals			3,191.
Food and Lodging Costs			
Room/Meals			1,221.
Total Value of Assessment Work			260,589.

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 FEB 04 1998
 GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

- Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
- If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK	× 0.50 =	Total \$ value of worked claimed.
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Note:
 - Work older than 5 years is not eligible for credit.
 - A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, E. A. Gallo, do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Agent I am authorized to make this certification.
(please print full name)
(recorded holder, agent, or state company position with signing authority)

Signature [Signature] Date _____

April 27, 1998

TRANSPACIFIC RESOURCES INC.
R.R. #1
Conn, Ontario
N0G 1N0

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9846
Fax: (705) 670-5881

Dear Sir or Madam:

Submission Number: 2.18120

Status

Subject: Transaction Number(s): W9880.00067 Deemed Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. **WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.**

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact Lucille Jerome by e-mail at jeromel2@epo.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,



ORIGINAL SIGNED BY
Blair Kite
Supervisor, Geoscience Assessment Office
Mining Lands Section

Work Report Assessment Results

Submission Number: 2.18120

Date Correspondence Sent: April 27, 1998

Assessor: Lucille Jerome

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W9880.00067	CLM 298	MCGARRY, MCVITTIE	Deemed Approval	April 27, 1998

Section:
16 Drilling PDRILL

Correspondence to:
Resident Geologist
Kirkland Lake, ON

Recorded Holder(s) and/or Agent(s):
E.A. Gallo
ISLINGTON, ONTARIO

Assessment Files Library
Sudbury, ON

TRANSPACIFIC RESOURCES INC.
Conn, Ontario
