

1969

Rio Tinto

Rio Tinto Draw logs.

No.	length	dip	β_2	An.	An. H.	El.
1.	70 ft.	90°	—	Tr.	.005	6650
2.	152 ft.	-65°	+125°	.005	(90'-120') 30' @ .01	6650'
					30-50 @ .01. 0 to 140 @ .005 except.	
3.	200 ft.	-75° @ 100°			10' @ .02	6550
4.	200 ft.	90°	—		.01 (10')	6500'
					(30-40 = .01; 0-60 .005 except.) remainder β_2 or .005	
5.	200 ft.	90°	—		10' @ .02	6600'
					(130-140 .02; 140-150 = .01; 150-190 = .01, balance .005 or Tr. also)	
6.	200 ft.	-65° @ 180°			10' @ .01	6650
					(60-70 = .01; 170-180 = .01 - Remainder .005 or Trace)	
7.	200 ft.	-65° @ 290°			10' @ .005	
					(All Trace or 0.005)	
8.	200 ft.	90°	—		(All Trace.)	
9.	200 ft.	70° @ 280°			.005	
					(Mainly Trace or 0.005)	

1622 feet. 9 holes.

Percepsion Drive Holes.

#1 0-70 Dark reddish-brown alt sed.
0-10 .005 ; balance trace.

#2 0-60 - Dark to light red-brown alt sed.
60-70 - Grey - little alt.
70-80 - Lt Brn - grey
80-120 - Lt. Grey, minor Py.
120-130 - Lt. Red-grey
130-140 - Lt Brn - grey
140-152 - Mod to DK red-brown.

#3 - 0-40 - DK unalt arg.
40-70 - Brn - grey^{seeds.} - no Mn.
70-80 - Grey seeds.
80-110 - Brn - grey seeds
110-200 - Dark grey (unalt)^{seeds} locally lt. grey.

#4 - 0-30 - Mod Red-Brn - sl. alt.
30-110 - Mod " " - to loc lt. brn. Alt.
⁰⁻¹²⁰ local lt. green chips 110-150 - Lt Brn-grey to - y/b rich sed. unaltered
150-160 - Mod. Brown-grey unalt sed - to Stibate? 150-160.
160-200 - Br. grey unaltered RK.

#5 - 0-40 - Lt reddish-brown sed.
40-60 - Fault gouge.
60-66 - Grey metasid
66-70 - Fault gouge.
70-80 - Mod-Brn to DK. red-brn.
80-98 - Dk grey - blue sed unalt
98-100 - Red brn. alt.
100-108 - Grey unalt

P.H. Analyses

#	BA PPM		Sb PPM		As PPM	
	ICP	H.V.W.	ICP	H.V.W.	ICP	H.V.W.
P.H. #4 30'-40'					135	400
# 5 120-130					200	300
130-140					352	1000
150-160			21	100	564 864	3000 2500
PH 6 140-150				100		4000
PH 6 - 160-200					255	160-190. 200-3000
<u>PH 8</u> - 30-40			118	R 300 400	94	?
50-60			70	150	51	?
190-200			4.9	200	244	?
50-60			70	200		
<u>PH 9</u> 190-200			22		<u>690</u>	<u>1000</u>

108-20 Mod Reddish brown to dark red-brn - ¹¹⁰⁻¹²⁵ lft qtz at cent.?
125-127 - Gray unalt gk-rich sed - minor metallic sulphide.
127-130 - Red-brown alt sed.

130-140 - " " " " Two or 3 8" wide
unalt gk-rich sed - minor metallic sulphide or oxide

140-150 - Mod - Red-brn. alt sed minor sulphid.

150-170 Mod to light reddish-brown - with minor grey
unalt sediments - minor metallic sulphide or oxide.

170-~~180~~²⁰⁰ All brn-grey unalt rks - minor lead-grey
sulphide.

#6 0-23 Mod grey-br-grey unalt sed

23-40 Mod to lt. reddish brn. alt. sed rks. with minor
thinness of grey unalt brn rks. Minor Pb-grey sulphide

40-60 - Mod Red-brown alt rks.

60-70 " " " " + some sects grey unalt rks.

70-120 Mod to dk reddish brn alt rks. minor Pb-grey sulphide
to 100' ? 110-120

120-130 - As above with Two 6" steprite zones at 126'

130-136 Mod grey unalt rks - minor Pb-grey sulph.

136-140 - Mod to lt. red-brn alt rks. " " "

140-150 - Void NR.

150-160 - DK grey unalt. sed.

160-170 - " " " minor sulphide 20% heavy.

170-200 " " " "

#7 - 10-20 Ht alt intrusive.

20-30 unalt Sto-grey sed. minor chert sulph. Py.

30-40 Mod - Lt. Red-brown alt. rks. minor Py. + unalt ^{sed} + Py.

40-60 - Grey unalt intrusive + Py. Sl. alt layers.

60-70 - Mod to lt. red-brn alt. rks. intrusive - No Py.

70-76 - Grey intrusive unaltered.

80-100 M to lt brn intrusive altered to sulphid

#7

100-129 - M to lt red brn alt extensive minor sulphide to 110.

129-130 - DK grey unalt sed To Py,

130-132 - Sl. alt. red-brn rk.

132-140 DK grey unalt sed (argillite). minor Py.

140-150 " " " " + minor *Thurmann* red-brn alt rk

150-160 " " " " $\frac{1}{2}$ + " " " " $\frac{1}{2}$

160-182 Mod to dk reddish-brn highly alt rk. (Poult zone)

+ shinned

182-200 Slightly alt. reddish-brown unaltered, DK grey sed
no sulphide.

#8 10-20 Mod to DK brn (reddish) alt sed.

20-130 Unaltered argillite DK grey to moderate grey
minor py.

130-140 Mod - red-brn alt rk., a minor grey arg.

to Pb-grey sulphide. Poult zone

140-150 Mod to lt grey unalt arg

150-160 As above + minor *Thurmann* of red-brn alt rk.

160-170 Mod red-brn altered + minor H grey sed

170-200 DK to mod grey unalt argillite minor reddish
brown alt. rk.

#9 mainly arg - commonly unaltered.

	# 2	#3	#4	#5		#3	#4	#5
0 - 10	.005	Tr.	.005	Tr.	150 - 160	.01	Tr.	.005
10 - 20	.005	.02	.005	Tr.	160 - 170	.005	.005	.005
20 - 30	.005	Tr.	.005	.005	170 - 180	.005	.005	.005
30 - 40	.01	.005	.01	Tr.	180 - 190	.005	Tr.	.01
40 - 50	.01	.02	.005	Tr.	190 - 200	.005	Tr.	.005
50 - 60	.005	.005	.005	Tr.				
60 - 70	.005	.005	Tr	Tr.				
70 - 80	.005	.005	"	Tr.				
80 - 90	.005	.01	"	Tr.				
90 - 100	.01	.005	"	Tr.				
100 - 110	.01	.005	"	Tr.				
110 - 120	.01	.005	"	Tr.				
120 - 130	.005	.005	"	.005 .005				
130 - 140	.005	Tr.	.005	.02				
140 - 150	Trace	.01	Tr.	.01				
150 - 152 end	Tr.							

	#6	#7	#8	#9	#6			
0-10	.005	.005		Tr	150-160	Tr.	.005 Tr.	
10-20	Tr.	"		"	160-170	Tr.	Tr. Tr. .005	
20-30	.005	"		"	170-180	.01	" " Tr. S	
30-40	.005	"		"	180-190	Tr.	" " .005	
40-50	.005	"		.005	190-200	Tr.	" " Tr.	
50-60	Tr.	"	Trace throughout	.005	200		200-20	
60-70	.01	"		.005			200	20-20
70-80	.005	"		Tr			200	20-20
80-90	.005	.005		"			200	20-20
90-100	.005	Tr		"			200	20-20
100-110	.005	Tr.					200	20-20
110-120	.005	.005			.005		200	20-20
120-130	.005	"			Tr.		200	20-20
130-140	Tr.	"					200	20-20
140-150	No Req.	"					200	20-20