B.P.Co.,Ltd.

DIAMOND DRILL REPORT

Hole No. 1 Location CO-ORDINATES: N 9500 E 13,500

Evaluation Collar 3788 Direction of hole Down Dip of hole vert.

Date Started April 24/57 Date finished June 26/57 Large core from 4" 0 – 20 BX 20 – 50 NX 50 – 77 to 95

#1640 Overlaid Surface Small core from AX 95 – to

DATE	CORE RECOVERY DEPTH FROM	TO	% REC.	GENERAL	ECONOMIC
				0-77 Overburden.	
				77-182 Grey-green, f.g. fairly siliceous andes. Tuff. Shows appreciable pyrite at bottom of core. Fractured, calcite veining 135-140' Chilled pale grey due to siliceous content, no fine pyrite 155 → first appearance of calcite grains or lumps	
				182-277 Co. Tuff. Grey-green fine-med. grain andesitic fields. Siliceous, buff bleached fragments of grey-green siliceous frags. & grey-green f.g. lapilli type. Grey-green fragments predominant. Fair amount siliceous matrix. Base of zone is still grey-green fine tuff as 77-182 & was it same rock at 155' Consid. fractured - calcite veining, also some fine pyrite & calcite lumps - up to 1" Flecks of blebs pyrite & some veinlets common throughout. Sections up to 5' broken practically all the rock is andesitic Tuff	
				277-292 Buff or flesh-coloured fine siliceous porphyritic tuff. 2-3% felds. Very few quartz phenocrysts. Fractured - calcite veining, shows contacts absent 90° to core	
				292-605-647 Co. Tuff as 182-277. Consid. fracturing Veins of calcite & some pyrite. Base. 338-350 chilled grey black dyke. Fractured 376.5-398.5 grey f.g. dyke - calcite veining. Consid. fracturing - Calcite Buff coloured fine tuff more common. Consid. buff coloured siliceous. 406-427 Grey f.g. dyke 50° to core. Calcite veining & fracturing. Calcite	

Form 28-2M-10-5 B.P.Co.,Ltd.

DIAMOND DRILL REPORT

Hole No. ..... Location ..... CO-ORDINATES: N ..... E .....

Evaluation Collar ..... Direction of hole ..... Dip of hole .....

Date Started ..... Date finished ..... Large core from ..... to .....

#16.40 Small core from ..... to .....

DATE	CORE RECOVERY DEPTH FROM	TO		% REC.	GENERAL	ECONOMIC
	77	85	3.7	46	More massive, minor fracture	490 ±
	85	95	10.0	100	Frag. decrease in no.	
	95	96	1.0		Still small patches of matrix that are frag. dark grn tuff -	
	96	99	0.8	45	chloritized - originally andes. Tuff ?	
	99	109	0.9		A lot of frags. 615-647, predominantly reddish & dk colored silic	
	109	109	1.2	21	types, chert, granitic. Most of frags are rounded. Smaller	
	109	113	1.3		frags & chips the more angular. A crypt sodd large grit, gra	
	113	115	0.1			
	115	118	0.4	23	647-679 Lt grey-green, strongly grit, cuttings tuff. A	
	118	122	1.4		few narrow sections approach lithic in respect to grit.	
	122	126	1.1		Matrix very few felds. A few frags, but generally	
	126	129	1.5	36	numerous grains & some felsitic & predominantly silic	
	129	132	0.8		types of lava. Chloritic alteration. Minor calcite	
	132	135	0.4		& calcite filled fractures.	
	135	138	1.8	32		
	138	141	0.7		679-704 Lithic tuff. Fine grained - grey. Dark +	
	141	144	1.4		light, all small grains. About 5% grits & 10% felds.	
	144	149	3.1	38	Minor fracture. Very few lava grains.	
	149	155	2.1		Bleaching & silicification 697-704.	
	155	160	0.8	26		
	160	164	3.0		704-744 Amyg. andes. agglom. & andes tuff. Dark green, fine grained, black	
	164	169	2.0	56	frag. & matrix. Calcite & epidote replacement.	
	169	178	1.6	84	Calcite & calcite filled fractures.	
	178	181	1.1	37	718-744 Andes. tuff. No amyg frags. Calcite grains	
	181	188	5.3		along with calcite introduction. Doesn't appear altered.	
	188	192	2.9	75		
	192	196	0.7		744-795-850 Andesite tuff. Some fine + coarse grit at start.	
	196	200	0.8		Calcite filled fractures. Matrix fine grit. Minor	
					grit 873-960, also some bands of green & black shale.	

Form 28-2M-10-[illegible] B.P.Co.,Ltd.

DIAMOND DRILL REPORT

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Evaluation Collar ..... Direction of hole ..... Dip of hole .....

Date Started ..... Date finished ..... Large core from ..... to .....

H.1640

Small core from ..... to .....

DATE	CORE RECOVERY DEPTH FROM	TO		% REC.	GENERAL	ECONOMIC
	200	202	0.8	23	880 – 905 Dacite Tuff. Mod. coarse. Normal Po's	
	202	212	10.0	100	+ qtz. v/fds. Chill. veins. 880-895. After	
	212	215	3.2		faulted 895 – 905, some cc/pyrite grain alteration.	
	216	222	5.4	86	Minor fracture. Alteration may be due to trachyte.	
	222	225	2.3			
	225	233	7.2	86	905 – 913 Dark brown trachyte tuff. Few qtz	
	233	242	8.0	89	2-3% f/ds. Fractured. Calcite + epidote veining	
	242	249	7.4			
	249	253	1.2	78	913 – 929 Dacite Tuff. Alter to 914. Some	
	253	257	5.7		chlor. 914-7. Also v/fair no. of mixed types of	
	257	264	3.2	81	lapilli frags. + chips & grain.	
	264	267	0.7			
	267	271	3.2	56	929 – 944 Pale coral-dacite matrix – fairly coarse	
	271	275	3.6		Also granitic frags. matrix forms bands 1/2	
	275	281	4.8	84	to rock. Occas. black pyrite. Fractured –	
	281	287	3.9		calcite veining.	
	287	293	5.1	74		
	293	296	1.1		944 – 954 Granite congl. – also some vole. frags.	
	296	302	2.3	28	matrix mainly grit. Minor dacite. 1 pc. fresh	
	302	307	3.1		pyrite. Fractured – calcite & epidote veining.	
	307	312	2.5	56		
	312	317	2.5		954 – 1039 Diabase Dyke. No chilled contact at 954'	
	317	322	2.0	45	Dark coarse black. Local fracturing	
	322	327	1.2		Calcite f/fds. Chilled step back contacts at 1023'	
	327	330	2.5	44	Against 1 to 1½ inches of red porphyry – qtz. f/fds.	
	330	335	2.7		in a hi/brecciated – recrystalized ground mass.	
	335	337	0.6		Fine grained 1030-1039 Chilled contact. Step at 1039.	
	337	340	1.4	47		
	340	344	0.7		Porphyry approaching granite.	

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DIAMOND DRILL REPORT

Hole No. ..... Location ..... CO-ORDINATES: N ..... E .....

Evaluation Collar ..... Direction of hole ..... Dip of hole .....

Date Started ..... Date finished ..... Large core from ..... to .....

H 11.40 Small core from ..... to .....

DATE	CORE RECOVERY DEPTH FROM	TO		% REC.	GENERAL	ECONOMIC
	344	347	0.9		1039 - 1040 Granite conglomerate	
	347	349	0.4	22		
	349	352	1.5		1040 - 1054 " " Red porphyry (Hydro) Heavy epidote	
	352	358	4.6	68	& calcite veined & clotted throughout. Heavy fracturing.	
	358	366	7.0		1-2% pyrite & chalcopyrite. Pyrite impregn.	
	366	370	3.8	90		
	370	373	2.5		1054 - 1059 Granite conglomerate - Paddock	
	373	377	2.9		Dacite pyrite. Heavy epidote to 1057. Above	
	377	379	1.6	78	Quartz calcite. Heavy fractured	
	379	385	5.6			
	385	390	4.5	92	1059 - 1085 Diabase dyke. Chilled at top and	
	390	400	10.0	100	contact at 1059 Dips at 45° Fine to	
	400	402	1.9		gradually coarse grained. Contact broken at 1085'	
	402	404	2.2		& considerable fracturing - tiny calcite veining.	
10 92.5'	404	406	2.2	100		
	406	416	8.0	80	1085 - 1086.5 Grey dolerite c/cor. of diabase	
10 86.5' 10 98.5'	416	426	9.2		grained section approaching fine grained. Usual	
	426	427	1.6	100	diabase. Pyrite & chalcopyrite in fine veinlets.	
10 92.5'	427	437	10.1	100	Pyrite type.	
	437	447	10.0	100		
	447	457	10.1	100	1086.5 - 1098.5 Volc. conglom. - coarse frags from buff to	
	457	467	10.0	100	dark green. Matrix variable from fine grit, to	
100%	467	477	10.5	Low grade	volc grit to grit with. Zones of low grade	
	477	487	10.0	100	Cu Pb Zn mineralization. Veins & patches Pb-Zn,	
	487	497	10.3	100	Cu, basic & pyrite. Total replacement up to	
	497	507	10.2	100	to 10%. Pyrite fracture - calcite.	
	507	517	10.2	100		
	517	527	10.0	100		
	527	537	10.2	100		
	537	547	10.3	100		

Form 28-2M-10-5[illegible] -B.P.Co.,Ltd.

DIAMOND DRILL REPORT

Hole No. ..... Location ..... CO-ORDINATES: N ..... E .....

Evaluation Collar ..... Direction of hole ..... Dip of hole .....

Date Started ..... Date finished ..... Large core from ..... to .....

1640

Small core from ..... to .....

DATE	CORE RECOVERY DEPTH FROM	TO		% REC.	GENERAL	ECONOMIC
	547	557	10.2	100	1098.5 – 1212 – 1216 Volcanic conglomerate. Pale grit matrix mainly, some grey grit & all types of frags. Less & more acid. Flecks pyrite. Occas. patch or very veinlet Pb-Zn to 1110. Few fractures – calcite	
	557	567	10.2	100		
	567	577	10.1	100		
	577	587	10.2	100		
	587	597	10.1	100		
	597	607	10.2	100	1110 → Predominantly trachytic type acid frags – only about 25% matrix. Occas. patch of dacite in matrix. Less pyrite than before. Numerous patches	
	607	617	10.3	100 grey		
	617	627	10.1	100 grey matrix. Coatings of Pb-Zn along some of fractures. Considerable fracturing – epidote & calcite veining. Considerable disseminated pyrite in grey grit.		
	627	637	10.2	100		
	637	647	10.2	100		
	647	657	10.1	100		
	657	667	10.2	100		
	667	677	10.2		1216 – 1221 Trachyte or dacite sill. 2-3% fairly coarse felds. – no frags. Grey buff color. Fractured – calcite	
	677	679	2.5	100		
	679	689	10.2	100		
	689	699	10.0	100	1221 – 1226 Dacite tuff. Normal type. 2-3% felds. reddish stained. Fragments soft, acid trachytic matrix. A few calcite filled fractures.	
	699	709	10.2	100		
	709	719	10.1	100		
	719	729	10.3	100		
	729	740	10.3	94	1226 – 1228 Arkose conglomerate. Fractured – calcite & silica.	
	740	746	5.1	88		
	746	756	10.1	100		
	756	765	9.1	100	1228 – 1243. Dacite tuff as above. Reddish stained felds. to 1235. A few inches arkose grit at 1231. A few small mixed types of frags. 1236 +.	
	765	775	9.1	91		
	775	785	8.0	80.		
	785	790	2.7			
	790	795	1.9	46	1243 – 1259 Dark brown trachyte sill. 1-2% felds. a few grey phenos. Fractured – epidote & calcite veining	
	795	799	1.7			
	799	802	2.5			

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H 1640

Small core from ..... to .....

DATE	CORE RECOVERY DEPTH FROM	TO		% REC.	GENERAL	ECONOMIC
	802	805	0.6	28	1259-1319-1334 Dacite Tuff, Consid. coarser than previous. Erratic silicep. & few mixed type frags. throughout. Fractured - calcite silic. veining. Some minor stear yellowish alteration 12°C-75°. Chloritic alteration - mo	
	805	810	1.3			
	810	815	1.1	24		
	815	820	1.3			
	820	825	2.3	36	General Section with fairly numerous frags. Occas	
	825	830	0.8		Aphanitic frag	
	830	835	4.0	48		
	835	839	2.4		1334-1368 Volcanic conglomerate. Pale colored, silic	
	839	843	2.7		Tuffs frags. only. Bleached pale grey-green.	
	843	847	2.2	61	Volc. grit matrix with some frag. vari. tuff-nous	
	847	852	3.1		altered. Also silicep. in frag. matrix. Flecks	
	852	857	3.5	66	pyrite. In general mainly co. frags, small to	
	857	861	2.4		f-matrix. Fractured - calcite veining.	
	861	865	4.5	90		
	865	875	10.3	100		
	875	885	9.4	94	1368-1375 Brown buff porphyr. trachyte sill	
	885	888	2.5	100	1-2% fairly co. felds. Occas. grits. Fractured	
	888	898	10.2	100	calcite veining.	
	898	907	6.6	73		
	907	913	4.3	72	1375-1389 Grey-green lgr. intr. Tuff - in part gritty, tiny	
	913	919	4.3		quartz grains. Erratic silic. entered, also kaolinized	
	919	923	2.4	67	staining. 1379-1384. Several narrow bands of frag.	
	923	931	6.2	75	arkosic grit. Fractured. calcite veining.	
	931	931	0.6			
	931	942	7.0	69	1389-1465 Grit. Reddish flecks fairly co. arkosic	
	942	949	4.2		grit 1389-1393. 1393→ grey lgr. silic. grit, approaching	
	949	954	0.9	42	pebblestone. A few streaks of soft intr. tuff to 1395'.	
	954	979	2.0		Normal arkosic grit 1420→ fine to coarse.	
					Some minor bedding about 60-75° to core.	

Form 28-2M-10-51—B.P.Co.,Ltd.

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Evaluation Collar ..... Direction of hole ..... Dip of hole .....

Date Started ..... Date finished ..... Large core from ..... to .....

#1640

Small core from ..... to .....

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH FROM	DEPTH TO		% REC.		
	~~947~~	964	1.9	39		
	964	969	1.3			
	969	974	2.1	34		
	974	981	2.9			
	~~981~~	985	0.9	34		
	985	990	3.7			
	~~990~~	995	3.0	67		
	995	1000	1.2			
	~~1000~~	1005	2.4	36		
	1005	1011	3.8			
	1011	1016	2.2	55		
	1016	1022	5.2			
	~~1022~~	1027	2.2	67		
	1027	1035	7.2	90		
	1035	1040	3.2			
	1040	1047	3.1	55		
	1047	1053	2.3	38		
	1053	1060	11.8	69		
	1060	1065	2.2			
	1065	1071	2.3	41		
	1071	1076	1.5			
	1076	1079	0.9			
	1079	1081	1.0	34		
	1081	1086	2.5	50		
Assay	1086	1092	6.1	100		
Assay	1092	1098	5.5	91		
	1098	1103	2.8			
	1103	1107	2.7	61		
	1107	1117	8.9	89		

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DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH FROM	DEPTH TO		% REC.		
	1117	1128	7.3	85		
	1128	1132	1.5	38		
	1132	1138	3.9			
	1138	1143	0.7	42		
	1143	1151	4.3	54		
	1151	1157	3.2			
	1157	1162	3.1	57		
	1162	1167	2.6			
	1167	1171	0.7	38		
	1171	1175	1.3			
	1175	1180	1.7	33		
	1180	1185	3.0			
	1185	1191	3.7	61		
	1191	1196	2.6			
	1196	1201	1.8	44		
	1201	1207	2.1			
	1207	1212	0.9	25		
	1212	1215	0.5			
	1215	1220	2.0	31		
	1220	1222	0.6			
	1222	1227	4.6			
	1227	1231	1.3	59		
	1231	1236	1.3			
	1236	1240	2.1	38		
	1240	1243	1.0			
	1243	1248	1.0	25		
	1248	1253	1.1			
	1253	1259	1.2	21		
	1259	1264	0.5			

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1640 Small core from ..... to .....

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH FROM	DEPTH TO		% REC.		
	1264	1269	0.5	10		
	1269	1277	6.6	82		
	1277	1285	6.2			
	1285	1289	1.4	63		
	1289	1291	0.6			
	1291	1293	0.5			
	1293	1298	2.4	39		
	1298	1309	10.1	92		
	1309	1319	10.0	100		
	1319	1329	100	100		
	1329	1334	2.8			
	1334	1336	0.5			
	1336	1338	0.9	46		
	1338	1343	0.7			
	1343	1349	4.5	47		
	1349	1354	3.0			
	1354	1359	0.8	38		
	1359	1364	2.7	54		
	1364	1368	1.2	37		
	1368	1375	4.8			
	1375	1380	2.4	60		
	1380	1385	1.3			
	1385	1389	2.0	37		
	1389	1391	0.6			
	1391	1398	4.6	51		
	1398	1400	1.3			
	1400	1409	6.0	66		
	1409	1413	4.3			
	1413	1417	1.2	69		

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DIAMOND DRILL REPORT

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Evaluation Collar ..... Direction of hole ..... Dip of hole .....

Date Started ..... Date finished ..... Large core from ..... to .....

H.1640 Small core from ..... to .....

DATE	CORE RECOVERY				GENERAL	ECONOMIC
	DEPTH FROM	DEPTH TO		% REC.		
	1417	1427	9.5	95		
	1427	1433	6.0	100		
	1433	1438	5.0			
	1438	1441	3.1	90		
	1441	1448	6.0			
	1448	1450	2.0	100		
	1450	1460	10.0	100		
	1460	1465	4.2	84		