THE DOWA MINING CO., LTD. (JAPAN)

010344

PROPERTY SHEBA COPPER MINES LTD.

HOLE No. S-71-12

DIP TEST		
	Angle	
Footage	Reading	Corrected
No Test		

Hole No. S-71-12 Sheet No.
Section
Date Begun August 4, 1971
Date Finished August 10, 1971

Lat. L 8 N
Dep. 58 W
Bearing -90°
Elev. Collar 4980 A.S.L.

Total Depth 0-748'
Logged By. L.W. Saleken
Claim JAY #104 Fr.
Core Size B.Q.W.L.

DEPTH	DESCRIPTION	SAMPLE No.	FOOTAGE	WIDTH OF SAMPLE	o/o Cu	o/o Mo	o/o MoS_2 (Cal)	oz/T Au	oz/T Ag
0-33	Overburden-glacial till								
33-748	M.g. granodiorite; Propylitic alt.;								
	f.g. diorite dykes; Mineralization assoc. with							No Assay	
	flaky sericite shear zones & Fr								
33-36	Strong sericite-clay alt. ep-ch strong in mafics	1901	33-40	7	<0.01	0.002	0.003		
	& Fr, weathered								
36-60	Weak propylitic; weathered, ca on Fr								
41-43	Fault, strong sericite-clay alt.								
45.5-46.5	Shattered, Fr @ -60°, strong sericite-clay alt.								
60-86	Weathered, strong clay alt, ca-zeol common	1904	60-70	10	<0.01	0.001	0.001		
	in Fr, Iron staining mod.								
68	Fault								
73	Fault								
78	Fault								
84-85	Fault, blocky								
86-111	Unaltered	1907	90-100	10	<0.01	0.001	0.002		

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DIP TEST		
	Angle	
Footage	Reading	Corrected

PROPERTY _____ HOLE No. S-71-12

Hole No. _____ Sheet No. 2/8
Section _____
Date Begun _____
Date Finished _____

Lat. _____
Dep. _____
Bearing _____
Elev. Collar _____

Total Depth _____
Logged By. _____
Claim _____
Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	FOOTAGE	WIDTH OF SAMPLE	Cu	Mo	MoS_2 (Cal)	Au	Ag
111-119	Mod sericite-chlorite alt; iron staining weak								
111-113	Fault @ -60°, blocky assoc hem								
119-130	Weak propylitic alt., ca- zeolite on Fr	1910	120-130	10	< 0.01	Tr	Tr		
120	½" aplite dyke @ -80°, barren								
130-137	Mod to strong sericite-clay alt.								
130-132	Shatter zone, Fr @ -60°								
135-136	Mafic dyke, intense clay alt with								
	strong chlorification of mafics								
137-186	Weak propylitic alt.	1913	150-160	10	< 0.01	0.001	0.002		
155-171	Weak iron staining on Fr.								
161-163	F.g. foiliated biotite-hornblende dyke @ -30°,								
	unaltered, barren								
163-164	Fracture zone, Fr @ -60° assoc iron staining								
	& malachite								
171-182	Shattered, Fr. @> -40°, iron staining mod.								
171-172	Fault on -60° face, iron staining								
176-177	Fault @ -50°, blocky								
182-184.5	Unaltered								

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DIP TEST		
	Angle	
Footage	Reading	Corrected

PROPERTY _____ HOLE No. S-71-12

Hole No. _____ Sheet No. 3/8
Section _____
Date Begun _____
Date Finished _____

Lat. _____
Dep. _____
Bearing _____
Elev. Collar _____

Total Depth _____
Logged By. _____
Claim _____
Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	FOOTAGE	WIDTH OF SAMPLE	Cu	Mo	MoS_2 (Cal)	Au	Ag
184.5-186	Shatter zone, Fr @ -40° to -60°, iron staining strong	1916	180-190	10	0.01	0.001	0.001		
186-188	Shear zone; intense sericite-chlorite alt.								
	assoc hem								
188-191	Weak propylitic alt.								
191-193	Shear zone; intense sericite-chlorite alt.								
193-248	Unaltered								
195-197	Shattered blocky								
209-213	Shattered, Fr @ -60° assoc ep	1919	210-220	10	< 0.01	0.001	0.001		
237-239	Shattered								
248-268	Strong clay alt. & shattering	1922	240-250	10	< 0.01	0.001	0.001		
254-255	Fault, hem. strong								
267-268	Fault, @ -60°								
268-270	Mafic dyke strong clay-hem alt.								
	assoc. ep-ch strong in mafic, barren								

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DIP TEST		
	Angle	
Footage	Reading	Corrected

PROPERTY _____ HOLE No. S-71-12

Hole No. _____ Sheet No. 4/8
Section _____
Date Begun _____
Date Finished _____

Lat. _____
Dep. _____
Bearing _____
Elev. Collar _____

Total Depth _____
Logged By. _____
Claim _____
Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	FOOTAGE	WIDTH OF SAMPLE	Cu	Mo	MoS_2 (Cal)	Au	Ag
270-308	Weak propylitic, ca-zeolites on Fr.	1925	270-280	10	0.01	Tr	Tr		
308-311.5	Mafic dyke @ -50°, intense clay alt, barren	1928	300-310	10	<0.01	Tr	Tr		
308	Fault; @ -50°, hem strong								
311	Fault								
311-371	Unaltered								
328-334	Mod propylitic alt, assoc weak iron staining	1931	330-340	10	0.01	Tr	Tr		
		1934	360-370	10	0.01	Tr	Tr		
371-378	Shattered, Fr @ -40° to -50°, mod propylitic alt.								
378-396	Unaltered								
396-399	Strong sericite-chlorite alt	1937	390-400	10	<0.01	Tr	Tr		
399-405	Weak propylitic								
401	½" k-spar vn @ -50°, barren								
405-433	Unaltered	1940	420-430	10	<0.01	Tr	Tr		
417-418	Fracture zone, Fr @ -80° assoc ca-zeolites								

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DIP TEST		
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Footage	Reading	Corrected

PROPERTY _____ HOLE No. S-71-12

Hole No. _____ Sheet No. 5/8
Section _____
Date Begun _____
Date Finished _____

Lat. _____
Dep. _____
Bearing _____
Elev. Collar _____

Total Depth _____
Logged By. _____
Claim _____
Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	FOOTAGE	WIDTH OF SAMPLE	Cu	Mo	MoS_2 (Cal)	Au	Ag
433- 452	Weak propylitic alt.								
452-478	Unaltered	1943	450-460	10	<0.01	Tr	Tr		
461-462	Strong sericite-chlorite band @ -40°								
463.5	4" qtz-k-spar porphyry (Pink Porphyry) @ -30°,								
	barren								
471-472	Mod sericite-chlorite alt								
478-492	Mod sericite-clay alt.	1946	480-490	10	0.01	Tr	Tr		
489-492	Zone; 1/8 qtz vn. @ - 60°, 1/8 k-spar vn @ -40°, both barren								
489	Fault, @ -80°								
492-530	Unalterd, ca-zeolites on -70° Fr	1949	510-520	10	<0.01	Tr	Tr		
530-531	Fault; intense clay alt, qtz vn @ -70°, barren								
531-560	Weak propylitic alt; ca-zeiolite on -70° Fr	1952	540-550	10	0.01	Tr	Tr		
543-545	Fault, D.S. on -80° face, blocky								

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PROPERTY _____

HOLE No. S-71-12

Hole No. _____ Sheet No. 6/8

Section _____

Date Begun _____

Date Finished _____

Lat. _____

Dep. _____

Bearing _____

Elev. Collar _____

Total Depth _____

Logged By. _____

Claim _____

Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	FOOTAGE	WIDTH OF SAMPLE	Cu	Mo	MoS_2(Cal)	Au	Ag
560-607	Unaltered	1955	570-580	10	0.01	Tr	Tr		
580.5-581	F.g. diorite dyke @ -40°, barren								
587.5	4" F.g. diorite dyke ± -40°, barren								
594	4" F. g. diorite dyke @ -40°, barren								
607-675	Weak propylitic alt; ca-zeolites common on -80° Fr	1958	600-610	10	0.01	Tr	Tr		
607-609	Mod sericite-chlorite band								
613- 619	Shattered, Fault @ 617'								
623	Fault	1961	630-640	10	0.01	0.002	0.003		
640-641	Shattered, Faulting								
648-650	Fault zone								
651.5	Fault on -50° face	1963	650-660	10	0.04	0.004	0.007		
657-658	Fault zone								
660-664	F. g. diorite dyke, strong sericite alt, assoc	1964	660-670	10	0.02	0.004	0.006		
	diss Cp-Bo , dyke @ -50°								
660-661	Fault								
665-667	F.g. diorite dyke, strong sericite alt, assoc								
	DISS Cp-Bo								

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PROPERTY _____

HOLE No. S-71-12

Hole No. _____ Sheet No. 7/8

Section _____

Date Begun _____

Date Finished _____

Lat. _____

Dep. _____

Bearing _____

Elev. Collar _____

Total Depth _____

Logged By. _____

Claim _____

Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	FOOTAGE	WIDTH OF SAMPLE	Cu	Mo	MoS_2 (Cal)	Au	Ag
675-689	Shear zone, intense sericite-chlorite alt, strong	1965	670-680	10	0.18	0.003	0.005		
	flaky sericite development; hem strong; diss								
	Cp-Bo								
675-675.5	Fault (gouge) @ -60°								
679-680.5	D.S. Fault (gouge) on -60° face								
682-683	Fault (gouge)	1966	680-690	10	0.72	0.006	0.010		
689-695.5	Shear zone; intense flaky sericite gouge with	1967	690-700	10	0.01	Tr	Tr		
	hem, D.S. movement on -60° to-80° faces.								
	Bo-Cp diss								
695.5-709	Weak propylitic alt.	1968	700-710	10	0.01	Tr	Tr		
701	Fault								
702-702.5	6" F.g. diorite dyke @ -60°, barren								
709-713	Shattered, strong sericite-chlorite alt, assoc	1969	710-720	10	0.05	Tr	Tr		
	diss Cp-Bo								
713-715.5	Fault zone, flaky sericite gouge, no								
	mineralization seen								

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PROPERTY _____ HOLE No. S-71-12

Hole No. _____ Sheet No. 8/8
Section _____
Date Begun _____
Date Finished _____

Lat. _____
Dep. _____
Bearing _____
Elev. Collar _____

Total Depth _____
Logged By. _____
Claim _____
Core Size _____

DEPTH	DESCRIPTION	SAMPLE No.	FOOTAGE	WIDTH OF SAMPLE	Cu	Mo	MoS_2 (Cal)	Au	Ag
715.5-718	Strong sericite-chlorite alt.								
718-735	Weak propylitic alt.	1970	720-730	10	0.01	Tr	Tr		
735-737	Fault zone, intense clay alt.	1971	730-740	10	0.02	Tr	Tr		
737-748	Unaltered	1972	740-748	8	0.01	Tr	Tr		