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Correction to: Estimation of bulk permittivity of the Moon's surface using Lunar Radar Sounder on-board Selenological and Engineering Explorer

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Correction to: Earth Planets Space 72:137 (2020)

https://doi.org/10.1186/s40623-020-01259-2

After publication of this article (Hongo et al. 2020), it is noticed that Table 1 contained some errors, the correct Table 1 is provided in this Correction.

The original article has been updated as well.

The original article can be found online at https://doi.org/10.1186/s4062 3-020-01259-2.

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Table 1 Summary of the data analysis

Latitude Longitude	Mare Imbrium		Oceanus Procellarum		Mare Crisium		Mare Serentitatis	
	35–40°N 345.386E	40-45°N 345.308E	40–45°N 297.037E	45-50°N 297.003E	10–15°N 57.793E	15-20°N 57.784E	20-25°N 20.797E	25–30°N 20.853E
Age [100 Ma]	35.2		34.4		35.0		34.9	
S (Fe+Ti wt%)	16.86	16.31	14.26	12.41	10.61	12.50	15.36	13.95
ε1	3.91-6.37 ^a	4.04-5.53	3.49-5.38 ^b	2.96-4.54	3.23-3.60 ^c	3.15-4.37	3.29-5.81	3.06-5.74
εgrain	6.60	6.56	6.41	6.29	6.17	6.29	6.49	6.39
Apparent depth (m)	500		400		300		350	
Actual depth (m)	198-253	213-249	172-214	188-233	158-167	143-169	145-193	146-200
p (%)	1.8-27.8	9.1-25.7	9.5-32.8	17.7-41.1	29.6-35.6	19.8-37.7	6.0-36.4	5.8-39.6
$\tan \delta 1 \ (\times \ 10^{-2})$	1.05-1.53	1.03-1.31	0.77-1.07	0.58-0.81	0.53-0.58	0.61-0.79	0.81-1.25	0.68-1.10
$\sigma 1 (\times 10^{-5} \text{ S/m})$	1.14-2.71	1.16-2.01	0.75-1.61	0.48-1.02	0.48-0.58	0.54-0.96	0.74-2.02	0.58-1.76
σ2	6.81-21.28	7.81-14.61	6.17-15.44	4.84-12.26	4.25-12.52 ^d	6.55-9.63	6.13-13.35	5.78-13.59
# of subsurface echoes	221	162	586	427	1025	1274	634	345

a We eliminated the value at 35.6°N due to its large error bar

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b We excluded an outlier at 44.5°N

 $^{^{\}rm c}$ Values with large error bars at 13.5° and 14.5°N as well as the topographic effect at 10.7°N were not included

^d A value at 11.3°N was not adopted due to its large estimated error