

## Appendix

**Table A1.** Mini-TES targets classified as Wishstone Subclass

Sol	ID	Name	Sol	ID	Name	Sol	ID	Name
335	p3811	Wishbone	361	p3849	Hangover	561	p3094	Marquis
340	p3817	Mckittrick	362	p3852	Pick-a-name	561	p3095	Rousseau*
341	p3818	French hens	392	p3869	Mangrove	566	p3102	Bern*
341	p3821	Wishstone	429	p3894	Miller	567	p3103	Toblerone*
341	p3819	Golden rings	443	p3945	Jan	567	p3106	Pompadour*
342	p3824	Funnybone	477	p3998	Bilge	568	p3109	Geneve
342	p3826	Lords leaping	479	p3987	Astern	572	p3115	Schwyz
344	p3827	Chestnuts	481	p3422	Buoy	572	p3116	Unterwalden*
344	p3829	Drummers drumming	508	p3464	Minnow	580	p3121	Harding
344	p3830	Pipers piping	511	p3468	Nalanda	586	p3123	Robbins
347	p3832	Labrea	512	p3471	Cannonball	586	p3124	Washburn
348	p3834	Sleigh	518	p3479	Wanderer	587	p3129	Muir
348	p3836	Mistletoe	552	p3064	Tuileries	599	p3145	Paccard
349	p3837	Holly	552	p3065	Louvre*	602	p3151	Rope
349	p3839	Candy cane	552	p3066	Lafayette	602	p3153	Belay
352	p3842	Orange grove	553	p3069	Fraternite*	641	p3221	Prairie center
354	p3841	Flowers	553	p3070	Napolean	648	p3232	Chicory
356	p3845	Dreaming	555	p3076	Coup	666	p3267	Purpletop
356	p3846	Party hat	557	p3080	Pantheon	669	p3278	Zuni
360	p3848	Taketwo	560	p3090	Lille			

\* Used in subclass best average spectrum.

**Table A2.** Mini-TES targets classified as M80 Subclass

Sol	ID	Name	Sol	ID	Name	Sol	ID	Name
321	p3808	Plymouth	526	p3488	Karnal	597	p3139	Joe Brown
342	p3825	Swans swimming	529	p3493	M80*	599	p3144	Nyima
348	p3835	Tinsel	530	p3494	Bottle rocket	602	p3152	Harness
354	p3844	Parade	531	p3498	Roman candle	604	p3159	Bolt*
369	p3855	Martin	531	p3499	Smoke bomb	614	p3170	Prussik
387	p3865	Catfish	535	p3042	Flare*	615	p3174	Clove hitch
389	p3866	Cypress	535	p3043	Silver salute	615	p3176	Bowline
428	p3891	Bud	538	p3044	Witherspoon	615	p3177	Morshead
443	p3948	Prank	539	p3047	Morris	631	p3204	Munter
448	p3954	Bridge*	539	p3048	Harrison	633	p3212	Trabi
448	p3955	Garfunkel*	539	p3049	Hopkins	648	p3228	Aster
485	p3430	Plank	546	p3060	Paris	648	p3234	Coreopsis
518	p3475	Beatnik	546	p3062	Versailles*	662	p3255	Tickseed
518	p3476	Troubadour	546	p3063	Invalides	663	p3260	Junegrass
518	p3477	Luchenbach	561	p3092	Vendemiaire	663	p3262	Goatgrass
518	p3478	Nelson	586	p3125	Eichorn	666	p3268	Witchgrass
522	p3481	Howl*	595	p3136	Haston			
525	p3484	Swades	595	p3137	Bonington			
525	p3486	Vaishakhi	597	p3138	Shipton			

\* Used in subclass best average spectrum.

**Table A3.** Mini-TES targets classified as Keystone Subclass

Sol	ID	Name	Sol	ID	Name
443	p3946	April Fool*	466	p3970	Madam*
443	p3947	Joke*	467	p3975	Abigail* (avg of 3)
448	p3956	Simon	485	p3432	Shipwreck
458	p3962	Pavement*	541	p3056	Rocket*
464	p3966	Crone (avg of 2)	580	p3120	Ian Clough*
464	p3967	Witch2 (spot 1)	595	p3135	Ang Rita
465	p3968	Hag (spot 1)			

\* Used in subclass best average spectrum.

**Table A4.** Mini-TES targets classified as Keel Subclass.

Sol	ID	Name	Sol	ID	Name	Sol	ID	Name
474	p3991	Priscilla2	617	p3178	Hillary left*	629	p3202	Thyang-boche*
477	p3981	Chock	620	p3181	K2	631	p3203	Mauerfall
478	p3983	Gunwale	620	p3182	Lhotse	632	p3208	Naboche*
478	p3984	Keel	620	p3183	Tenzing	632	p3209	Junbeshi*
481	p3421	Dinghy*	621	p3185	Weiderver-einigung	634	p3213	Chutrawa*
482	p3423	Yardarm	621	p3186	Nikolai-kirche	634	p3214	Lomza*
483	p3428	Anchor	622	p3187	Montags-demo*	634	p3215	Nachipang
485	p3431	Foresail*	622	p3188	Mauer-offnung	634	p3217	Namche Bazaar
492	p3441	Fraggle*	626	p3191	Pangboche	634	p3218	Khumjung
500	p3454	Narwhale*	626	p3192	Phortse	641	p3226	Linwood
512	p3472	Mast	626	p3193	Dingboche	648	p3239	Lousewort
572	p3114	Basel*	629	p3195	Makalu*	648	p3240	Lupine
614	p3171	Whittaker*	629	p3196	Wende			
614	p3172	Hillary*	629	p3197	Phakding*			

\* Used in subclass best average spectrum.

**Table A5.** Mini-TES targets classified as Watchtower Subclass.

Sol	ID	Name	Sol	ID	Name
412	p3876	Lighthouse	490	p3439	Approach2
413	p3877	Watchtower	492	p3442	Babel
414	p3878	Firetower	493	p3443	Cadge
415	p3879	Sentinel	493	p3444	Alatna*
416	p3880	Bulwark	496	p3446	Breakers
417	p3881	Citadel	497	p3448	Pilot
418	p3882	Turret	497	p3450	Arlington
430	p3895	Petes*	497	p3451	Antietam
468	p3976	Priscilla (1 spot; 3, 2)	497	p3452	Vicksburg
472	p3980	Lamech	500	p3453	Grey*
475	p3995	Cleveland	502	p3455	Cemetary Pacific
489	p3434	Aurora	512	p3473	Lamech Jr
489	p3435	Orion			

\* Used in subclass best average spectrum.