Table 1. Permissive tracts, discovered deposits, and prospects.

Tracts			Porphyry copper deposits and prospects[1]								
Tract No.	Host-rock age[2]	Countries	Name	Other names	Discovered deposit[3]	Mineralization age, Ma	Country	Latitude	Longitude	Latitude (dd)	Longitude (dd)
SA01PC	Paleocene–Eocene	Colombia-Eduador-Panama	Acandi		Yes	38	Colombia	8° 20' 0"N	77° 24' 0"W	8.33	-77.40
SA01PC	Paleocene–Eocene	Colombia-Eduador-Panama	Murindo			55	Colombia	7° 03' 0"N	76° 45' 0"W	7.05	-76.75
SA01PC	Paleocene–Eocene	Colombia-Eduador-Panama	Pegadorcito-Pantanos		Yes	43	Colombia	6° 42' 0"N	76° 30' 0"W	6.70	-76.50
SA01PC	Paleocene–Eocene	Colombia-Eduador-Panama	Rio Pito			49	Panama	8° 38' 0"N	77° 34' 0"W	8.63	-77.57
SA02PC	Jurassic	Colombia-Venezuela	California			144	Colombia	7° 19' 0"N	72° 52' 0"W	7.32	-72.87
SA03PC	Jurassic	Colombia-Ecuador-Peru	Cumay			141	Ecuador	4° 03' 0"S	78° 57' 0"W	-4.05	-78.95
SA03PC	Jurassic	Colombia-Ecuador-Peru	Dolores			166	Colombia	3° 31' 0"N	75° 02' 0"W	3.52	-75.03
SA03PC	Jurassic	Colombia-Ecuador-Peru	El Hito			154	Ecuador	4° 15' 0"S	78° 57' 0"W	-4.25	-78.95
SA03PC	Jurassic	Colombia-Ecuador-Peru	Mirador		Yes	154	Ecuador	4° 39' 0"S	78° 54' 0"W	-4.65	-78.90
SA03PC	Jurassic	Colombia-Ecuador-Peru	Mocoa		Yes	166	Colombia	1° 14' 30"N	76° 40' 0"W	1.24	-76.67
SA03PC	Jurassic	Colombia-Ecuador-Peru	Panantza		Yes	154	Ecuador	3° 36' 0"S	78° 30' 0"W	-3.60	-78.50
SA03PC	Jurassic	Colombia-Ecuador-Peru	San Carlos		Yes	154	Ecuador	3° 39' 0"S	78° 25' 0"W	-3.65	-78.42
SA03PC	Jurassic	Colombia-Ecuador-Peru	Tumi			154	Ecuador	4° 15' 0"S	79° 15' 0"W	-4.25	-79.25
SA03PC	Jurassic	Colombia-Ecuador-Peru	Warintza		Yes	154	Ecuador	3° 47' 0"S	78° 36' 0"W	-3.78	-78.60
SA04PC	Cretaceous	Colombia	Infierno-Chilí			131	Colombia	4° 11' 0"N	75° 17' 0"W	4.18	-75.30
SA05PC	Miocene	Colombia-Ecuador	Balzapamba-Las Guardias			20	Ecuador	1° 39' 0"S	79° 09' 0"W	-1.65	-79.15
SA05PC	Miocene	Colombia-Ecuador	Chaso Juan			20	Ecuador	1° 23' 0"S	79° 07' 0"W	-1.38	-79.12
SA05PC	Miocene	Colombia-Ecuador	Chaucha		Yes	11	Ecuador	2° 56' 0"S	79° 25' 0"W	-2.93	-79.42
SA05PC	Miocene	Colombia-Ecuador	Fierro Urcu		Yes	10	Ecuador	3° 35' 0"S	79° 20' 0"W	-3.58	-79.33
SA05PC	Miocene	Colombia-Ecuador	Gaby-Papa Grande		Yes	19	Ecuador	3° 3' 0"S	79° 41' 0"W	-3.05	-79.68
SA05PC	Miocene	Colombia-Ecuador	Junin		Yes	7	Ecuador	0° 20' 0"N	78° 35' 0"W	0.33	-78.58
SA05PC	Miocene	Colombia-Ecuador	Piedrasentada			17	Colombia	2° 06' 0"N	76° 53' 0"W	2.10	-76.88
SA05PC	Miocene	Colombia-Ecuador	Telimbela			15	Ecuador	1° 34' 0"S	79° 08' 0"W	-1.57	-79.13
SA06PC	middle–late Miocene	Peru-Ecuador	Aguila	El Aguila	Yes		Peru	8° 33' 35"S	77° 53' 48"W	-8.56	-77.90
SA06PC	middle–late Miocene	Peru-Ecuador	Alto Dorado				Peru	8° 10' 0"S	78° 11' 0"W	-8.17	-78.18
SA06PC	middle–late Miocene	Peru-Ecuador	Cañariaco		Yes	15	Peru	6° 5' 0"S	79° 17' 0"W	-6.08	-79.28
SA06PC	middle–late Miocene	Peru-Ecuador	Cerro Corona	Hualgayoc District	Yes	11	Peru	6° 45' 42"S	78° 36' 21"W	-6.76	-78.61
SA06PC	middle–late Miocene	Peru-Ecuador	El Galeno		Yes	14	Peru	7° 1' 0"S	78° 19' 0"W	-7.02	-78.32
SA06PC	middle–late Miocene	Peru-Ecuador	La Granja		Yes	12	Peru	6° 21' 30"S	79° 7' 10"W	-6.36	-79.12
SA06PC	middle–late Miocene	Peru-Ecuador	La Vega				Peru	5° 42' 17"S	79° 16' 51"W	-5.70	-79.28
SA06PC	middle–late Miocene	Peru-Ecuador	Laguna Chamis				Peru	7° 07' 05"S	78° 34' 32"	-7.12	-78.58
SA06PC	middle–late Miocene	Peru-Ecuador	Magistral		Yes	15	Peru	8° 13' 0"S	77° 46' 0"W	-8.22	-77.77
SA06PC	middle–late Miocene	Peru-Ecuador	Michiquillay		Yes	20	Peru	7° 18' 0"S	78° 19' 20"W	-7.30	-78.32
SA06PC	middle–late Miocene	Peru-Ecuador	Minas Conga		Yes	16	Peru	6° 55' 32"S	78° 21' 31"W	-6.93	-78.36
SA06PC	middle–late Miocene	Peru-Ecuador	Paramo				Peru	5° 42' 54"S	79° 12' 25"W	-5.72	-79.21
SA06PC	middle–late Miocene	Peru-Ecuador	Pashpap		Yes	15	Peru	8° 46' 30"S	77° 59' 30"W	-8.78	-77.99
SA06PC	middle–late Miocene	Peru-Ecuador	Puy-Puy			7	Peru	11° 28' 47"S	76° 5' 40"W	-11.48	-76.08
SA06PC	middle–late Miocene	Peru-Ecuador	Rio Blanco		Yes	16	Peru	4° 56' 40"S	79° 18' 30"W	-4.94	-79.31
SA06PC	middle–late Miocene	Peru-Ecuador	Tantahuatay		Yes		Peru	6° 43' 31"S	78° 40' 10"W	-6.73	-78.67
SA06PC	middle–late Miocene	Peru-Ecuador	Toromocho	Toro Mocho	Yes	8	Peru	11° 36' 0"S	76° 8' 0"W	-11.60	-76.13
SA07PC	Cretaceous	Peru-Ecuador	Almacen		Yes		Peru	13° 14' 5"S	75° 55' 0"W	-13.23	-75.92
SA07PC	Cretaceous	Peru-Ecuador	Alondra				Peru	15° 49' 0"S	73° 35' 0"W	-15.82	-73.58
SA07PC	Cretaceous	Peru-Ecuador	Anita de Tibilos				Peru	14° 11' 00"S	75° 08' 54"W	-14.18	-75.15
SA07PC	Cretaceous	Peru-Ecuador	Chavez N2				Peru	14° 14' 00"S	75° 25' 15"W	-14.23	-75.42
SA07PC	Cretaceous	Peru-Ecuador	Eliana				Peru	13° 46' 0"S	75° 43' 0"W	-13.77	-75.72
SA07PC	Cretaceous	Peru-Ecuador	Los Linderos				Ecuador	4° 20' 0"S	80° 00' 0"W	-4.33	-80.00
SA07PC	Cretaceous	Peru-Ecuador	Los Pinos		Yes		Peru	12° 58' 33"S	76° 8' 22"W	-12.98	-76.14
SA07PC	Cretaceous	Peru-Ecuador	Puquio				Peru	13° 55' 45"S	75° 21' 0"W	-13.93	-75.35
SA07PC	Cretaceous	Peru-Ecuador	Rio Playas				Ecuador	4° 12' 0"S	79° 35' 0"W	-4.20	-79.58
SA07PC	Cretaceous	Peru-Ecuador	Tingo				Peru	13° 41' 10"S	75° 15' 35"W	-13.69	-75.09
SA08PC	Paleocene–Eocene	Chile-Peru	Cerro Colorado (Chile)		Yes	58	Chile	20° 2' 36"S	69° 15' 30"W	-20.05	-69.29
SA08PC	Paleocene–Eocene	Chile-Peru	Cerro Colorado (Peru)		Yes	59	Peru	17° 40' 54"S	69° 54' 3"W	-17.68	-69.90
SA08PC	Paleocene–Eocene	Chile-Peru	Cerro Negro		Yes	57	Peru	16° 32' 45"S	71° 33' 10"W	-16.55	-71.55
SA08PC	Paleocene–Eocene	Chile-Peru	Cerro Verde	Santa Rosa	Yes	62	Peru	16° 33' 0"S	71° 34' 0"W	-16.55	-71.57
SA08PC	Paleocene–Eocene	Chile-Peru	Chapi				Peru	16° 46' 25"S	71° 21' 28"W	-16.77	-71.36
SA08PC	Paleocene–Eocene	Chile-Peru	Cuajone		Yes	51	Peru	17° 02' 32"S	70° 40' 16"W	-17.04	-70.67
SA08PC	Paleocene–Eocene	Chile-Peru	Dos Hermanos				Chile	18° 17' 24"S	69° 43' 18"	-18.29	-69.72
SA08PC	Paleocene–Eocene	Chile-Peru	Inca de Oro			63	Chile	26° 45' 58"S	69 52' 17"W	-26.77	-69.87
SA08PC	Paleocene–Eocene	Chile-Peru	Lomas Bayas		Yes	61	Chile	23° 25' 42"S	69° 30' 24"W	-23.45	-69.51
SA08PC	Paleocene–Eocene	Chile-Peru	Mani			64	Chile	22° 33' 51"S	69° 14' 32"W	-22.56	-69.24
SA08PC	Paleocene–Eocene	Chile-Peru	Mocha			58	Chile	19° 48' 35"S	69° 16' 50"W	-19.81	-69.28
SA08PC	Paleocene–Eocene	Chile-Peru	Quellaveco		Yes	54	Peru	17° 6' 29"S	70° 35' 2"W	-17.11	-70.58
SA08PC	Paleocene–Eocene	Chile-Peru	Relincho	Porvenir	Yes	64	Chile	28° 30' 0"S	70° 18' 0"W	-28.50	-70.30
SA08PC	Paleocene–Eocene	Chile-Peru	Sierra Gorda		Yes	64	Chile	22° 50' 18"S	69° 20' 48"W	-22.87	-69.34
SA08PC	Paleocene–Eocene	Chile-Peru	Spence		Yes	58	Chile	22° 41' 21"S	69° 10' 53"W	-22.69	-69.18
SA08PC	Paleocene–Eocene	Chile-Peru	Ticnámar		Yes		Chile	18° 35' 36"S	69° 27' 0"W	-18.59	-69.45
SA08PC	Paleocene–Eocene	Chile-Peru	Toquepala	Pampa Negra	Yes	57	Peru	17° 13' 0"S	70° 36' 0"W	-17.22	-70.60
SA09PC	Eocene–Oligocene	Peru	Antapaccay		Yes		Peru	14° 57' 36"S	71° 20' 48"W	-14.96	-71.35
SA09PC	Eocene–Oligocene	Peru	Ccalla	Cotabambas area	Yes	36	Peru	13° 44' 24"S	72° 22' 0"W	-13.74	-72.37
SA09PC	Eocene–Oligocene	Peru	Chalcobamba			36	Peru	14° 01' 36"S	72° 20' 0"W	-14.03	-72.33
SA09PC	Eocene–Oligocene	Peru	Coroccohuayco		Yes	31	Peru	14° 57' 12"S	71° 16' 24"W	-14.95	-71.27
SA09PC	Eocene–Oligocene	Peru	Lahuani			36	Peru	14° 27' 42"S	72° 59' 36"W	-14.46	-72.99
SA09PC	Eocene–Oligocene	Peru	Los Chancas		Yes	32	Peru	14° 9' 29"S	73° 08' 0"W	-14.16	-73.13
SA09PC	Eocene–Oligocene	Peru	Quechua		Yes	38	Peru	14° 58' 48"S	71° 18' 24"W	-14.98	-71.31
SA09PC	Eocene–Oligocene	Peru	San Jose			33	Peru	14° 27' 42"S	71° 46' 0"W	-14.46	-71.77
SA09PC	Eocene–Oligocene	Peru	Tintaya		Yes	33	Peru	14° 54' 30"S	71° 18' 48"W	-14.91	-71.31
SA10aPC	Eocene–Oligocene	Chile	Centinela			44	Chile	23° 09' 48"S	69° 10' 06"W	-23.16	-69.17
SA10aPC	Eocene–Oligocene	Chile	Chimborazo			37	Chile	24° 08' 0"S	69° 05' 0"W	-24.13	-69.08
SA10aPC	Eocene–Oligocene	Chile	Chuquicamata		Yes	32	Chile	22° 16' 30"S	68° 54' 0"W	-22.28	-68.90
SA10aPC	Eocene–Oligocene	Chile	Collahuasi	Rosario	Yes	32	Chile	20° 58' 30"S	68° 41' 5"W	-20.98	-68.69
SA10aPC	Eocene–Oligocene	Chile	Copaquire			35	Chile	20° 54' 06"S	68° 53' 07"W	-20.90	-68.89
SA10aPC	Eocene–Oligocene	Chile	El Abra		Yes	36	Chile	21° 54' 30"S	68° 50' 12"W	-21.91	-68.84
SA10aPC	Eocene–Oligocene	Chile	Esperanza			40	Chile	22° 59' 16"S	69° 04' 35"W	-22.99	-69.08
SA10aPC	Eocene–Oligocene	Chile	Gaby	Gaby Sur	Yes	42	Chile	23° 24' 39"S	68° 49' 8"W	-23.41	-68.82
SA10aPC	Eocene–Oligocene	Chile	La Escondida	Escondida	Yes	37	Chile	24° 15' 54"S	69° 04' 18"W	-24.27	-69.07
SA10aPC	Eocene–Oligocene	Chile	La Planada			31	Chile	20° 10' 30"S	69° 05' 0"W	-20.18	-69.08
SA10aPC	Eocene–Oligocene	Chile	Mansa Mina	MM	Yes	34	Chile	22° 22' 50"S	68° 54' 45"W	-22.38	-68.91
SA10aPC	Eocene–Oligocene	Chile	Opache			38	Chile	22° 28' 0"S	68° 58' 0"W	-22.47	-68.97
SA10aPC	Eocene–Oligocene	Chile	Polo Sur				Chile	23° 18' 0"S	69° 14' 0"W	-23.30	-69.23
SA10aPC	Eocene–Oligocene	Chile	Quebrada Blanca		Yes	36	Chile	21° 0' 0"S	68° 48' 0"W	-21.00	-68.80
SA10aPC	Eocene–Oligocene	Chile	Queen Elizabeth			36	Chile	19° 52' 0"S	68° 58' 0"W	-19.87	-68.97
SA10aPC	Eocene–Oligocene	Chile	Toki			36	Chile	22° 25' 0"S	68° 57' 0"W	-22.42	-68.95
SA10aPC	Eocene–Oligocene	Chile	Ujina		Yes	35	Chile	20° 59' 46"S	68° 36' 18"W	-21.00	-68.61
SA10bPC	Eocene–Oligocene	Chile	El Salvador		Yes	42	Chile	26° 15' 15"S	69° 33' 2"W	-26.25	-69.55
SA10bPC	Eocene–Oligocene	Chile	Potrerillos	Andes	Yes	37	Chile	26° 29' 15"S	69° 25' 26"W	-26.49	-69.42
SA11PC	Eocene–Oligocene	Argentina	Taca Taca Alto			29	Argentina	24° 34' 0"S	67° 47' 0"W	-24.57	-67.78
SA11PC	Eocene–Oligocene	Argentina	Taca Taca Bajo	Taca Taca Lower	Yes	31	Argentina	24° 35' 0"S	67° 44' 0"W	-24.58	-67.73
SA12PC	Eocene–Oligocene	Chile-Argentina	La Fortuna	El Morro	Yes	34	Chile	28° 38' 0"S	69° 53' 0"W	-28.63	-69.88
SA13aPC	Miocene–Pliocene	Argentina-Chile	Betito			14	Argentina	26° 18' 26"S	67° 54' 0"W	-26.30	-67.90
SA13aPC	Miocene–Pliocene	Argentina-Chile	Cerro Casale	Aldebaran	Yes	14	Chile	27° 47' 39"S	69° 16' 46"W	-27.78	-69.23
SA13aPC	Miocene–Pliocene	Argentina-Chile	El Oculto				Argentina	24° 08' 0"S	66° 36' 0"W	-24.13	-66.60
SA13aPC	Miocene–Pliocene	Argentina-Chile	Inca Viejo			15	Argentina	25° 8' 40"S	66° 45' 45"W	-25.14	-66.76
SA13aPC	Miocene–Pliocene	Argentina-Chile	Pancho Arias			15	Argentina	24° 12' 0"S	65° 52' 0"W	-24.20	-65.87
SA13bPC	Miocene–Pliocene	Argentina-Chile	Arroyo Chita			12	Argentina	30° 30' 0"S	69° 45' 0"W	-30.50	-69.75
SA13bPC	Miocene–Pliocene	Argentina-Chile	Cerro Mercedario			13	Argentina	31° 57' 0"S	70° 03' 0"W	-31.95	-70.05
SA13bPC	Miocene–Pliocene	Argentina-Chile	Los Pelambres/El Pachon		Yes	10	Chile	31° 42' 30"S	70° 30' 0"W	-31.71	-70.50
SA13bPC	Miocene–Pliocene	Argentina-Chile	Vizcachitas		Yes	11	Chile	32° 53' 0"S	70° 14' 0"W	-32.88	-70.23
SA13cPC	Miocene–Pliocene	Argentina-Chile	*None*								
SA13dPC	Miocene	Chile-Argentina	*None*								
SA14aPC	late Miocene–early Pliocene	Argentina	Paramillos Norte		Yes	14	Argentina	32° 25' 0"S	69° 05' 0"W	-32.42	-69.08
SA14aPC	late Miocene–early Pliocene	Argentina	Paramillos Sur		Yes	14	Argentina	32° 29' 0"S	69° 06' 0"W	-32.48	-69.10
SA14bPC	late Miocene–early Pliocene	Chile	El Teniente	Braden	Yes	5	Chile	34° 5' 30"S	70° 20' 18"W	-34.09	-70.34
SA14bPC	late Miocene–early Pliocene	Chile	Los Bronces/Rio Blanco		Yes	6	Chile	33° 5' 0"S	70° 17' 29"W	-33.13	-70.27
SA14cPC	late Miocene–early Pliocene	Argentina	Agua Rica	Mi Vida	Yes	6	Argentina	27° 22' 15"S	66° 16' 48"W	-27.37	-66.28
SA14cPC	late Miocene–early Pliocene	Argentina	Bajo de Agua Tapado			9	Argentina	27° 16' 0"S	66° 39' 0"W	-27.27	-66.65
SA14cPC	late Miocene–early Pliocene	Argentina	Bajo de la Alumbrera		Yes	8	Argentina	27° 19' 0"S	66° 37' 0"W	-27.32	-66.62
SA14cPC	late Miocene–early Pliocene	Argentina	Bajo de San Lucas			7	Argentina	27° 24' 0"S	66° 33' 0"W	-27.40	-66.55
SA14cPC	late Miocene–early Pliocene	Argentina	Bajo El Durazno		Yes	8	Argentina	27° 17' 0"S	66° 34' 0"W	-27.28	-66.57
SA14cPC	late Miocene–early Pliocene	Argentina	Filo Colorado				Argentina	27° 23' 0"S	66° 13' 0"W	-27.38	-66.22
SA14dPC	late Miocene–early Pliocene	Argentina	Nevados de Famatina	la Estrechura	Yes	4	Argentina	29° 0' 0"S	67° 45' 0"W	-29.00	-67.75
SA15PC	Late Cretaceous–middle Eocene	Argentina-Chile	Arroyo Luque			Late Cretaceous	Argentina	43° 16'S	71° 01'W	-43.27	-71.02
SA15PC	Late Cretaceous–middle Eocene	Argentina-Chile	Campana Mahuida		Yes	61	Argentina	38° 13' 0"S	70° 32' 0"W	-38.22	-70.53
SA15PC	Late Cretaceous–middle Eocene	Argentina-Chile	Cerro Coihue			Jurassic-Eocene	Argentina	42° 08'S	71° 19'W	-42.13	-71.35
SA15PC	Late Cretaceous–middle Eocene	Argentina-Chile	Quebrada del Bronce			45	Argentina	37° 25' 0"S	70° 27' 0"W	-37.42	-70.45
SA16aPC	Permian	Argentina	Alcaparrosa			267	Argentina	31° 18' 0"S	69° 22' 0"W	-31.30	-69.37
SA16aPC	Permian	Argentina	Carrizal			261	Argentina	30° 00' 0"S	69° 10' 0"W	-30.00	-69.17
SA16aPC	Permian	Argentina	El Salado				Argentina	30° 56' 0"S	69° 38' 0"W	-30.93	-69.63
SA16aPC	Permian	Argentina	San Jorge		Yes	257-270	Argentina	32° 15' 0"S	69° 26' 0"W	-32.25	-69.43
SA16aPC	Permian	Argentina	Yalguaraz			264	Argentina	32° 08' 0"S	69° 27' 0"W	-32.13	-69.45
SA16bPC	Permian	Argentina-Chile	La Voluntad		Yes	281	Argentina	39° 11' 0"S	70° 38' 0"W	-39.18	-70.63
SA17PC	Cretaceous	Chile	Angelina				Chile	24° 23' 54"S	69° 36' 27"W	-24.40	-69.61
SA18PC	Permian	Chile	El Loa			252	Chile	21° 07' 0"S	68° 44' 0"W	-21.12	-68.73
SA18PC	Permian	Chile	Lilian			275	Chile	22° 40' 0"S	68° 45' 0"W	-22.67	-68.75
SA18PC	Permian	Chile	Rio Frio			292	Chile	25° 13' 0"S	69° 13' 0"W	-25.22	-69.23
SA19PC	Late Triassic-Middle Jurassic	Argentina	Bajo de la Leona			200	Argentina	48° 04' 30"S	67° 18' 30"W	-48.08	-67.31
SA20PC	Cretaceous	Chile-Argentina	Gualletue			Late Cretaceous	Chile	38° 42' 36"	71° 19' 48"W	-38.71	-71.33
SA20PC	Cretaceous	Chile-Argentina	Turbio				Chile	46° 02' 0"S	72° 09' 0"W	-46.03	-72.15

[1]These are the deposits and prospects known at the time of the assessment of each tract. Modified from Singer, Berger, and Moring (2005).

[2]Age of the volcanic and (or) plutonic rocks formed during a period of approximately coeval arc magmatism judged capable of producing porphyry copper deposits and whose spatial distribution, projected to 1 km depth, defines a tract boundary. Periods and Epochs follow International Commission on Stratigraphy (2000).

[3]Porphyry copper deposits classified as discovered (known) at the time of the assessment are shown in pink font. Discovered deposits are those reported in the published literature to be well explored in three dimensions, unopen in any part, and have published tonnages and grades. Explored metal occurrences not meeting these criteria are classified as prospects. Some of these prospects might represent some of the estimated undiscovered deposits.