					UNU	TED S	тате	S							31 JU	I.V 1	973	
					TMEN	IT OF	THE	INTE					Date Survey		51 00		975	
BUREAU OF LAND MANAGEMENT PHYSICAL AND BIOLOGICAL STREAM												5	Neil B. Armantr					
			rnis	JICAL		VEY R			<b>5 I KE</b> 2	A IVI			Agenc	y I	BLM			
2. Stream COBB CREEK							a. Tributary BIG SULFUR				FUR	b. B	Basin	F	Russi	ian Riv	ver	
3. Location Township (stream mouth)				Т	11	<b>11 N</b>			ge R	R 8 W		Section		S 19				
4. Cou	unty		sc	ONOI	MA	-	5.	State A	dminis	tration	Unit Num	ber	Code	Number				
								6.	PHYS	ICAL	SURVEY	7 DATA						
a. Sta	ation	mou	ıth				to:	casca	ades a	irea,	1/8 mi	le	distance	e (miles)				
). Str	ream wi	dth(ave	rage)							Í			c. TU	JRBIDITY		ity in fee		
	-	1 2	0 / 1							-	M <.5	IUDDY .5-	1	MU 1-2	RKY 2-5	5	CL 5-10	EAR
				V							<.S	.3-	1	1-2	2-2	5	5-10	10
	1-	15							spaw	/n								XX
	1-		ft. whe	n					spaw spaw		d Jackso	on Turbidity	/ Units					XX
. Ter			ft. when	n n					spaw	/n		on Turbidit			High		. Low	XX
e. Ter	I- mperatu		ft. when	n °F.,	Water		°F.,	Time	spaw	/n )		on Turbidit	1		High		, Low	1
	mperatu		ft. when ft. when <b>88</b>	n °F., FI		76	°F.,	Time RAVE	spaw	vn <b>)</b> vards)			<b>1</b> POOL			RUBBL	Æ	TOTAL
	mperatu	re: Air	ft. when ft. when <b>88</b> ON	n °F., FI	Water	<b>76</b>	°F., G	Time RAVE	spaw <b>1600</b> L ( <i>sq.</i> y	vn <b>)</b> vards)	, Flow (	cfs) Now	POOL RDS	S		RUBBL	.E (s)	TOTAL
	mperatu	re: Air	ft. when ft. when <b>88</b> ON	n °F., FI	Water	<b>76</b>	°F., G DOD	Time RAVE	spaw <b>1600</b> L ( <i>sq. y</i> RGINA	vn <b>)</b> vards)	, Flow (	cfs) Now	POOL RDS	S DEPTH		RUBBL Ísq. yara	.E (s)	TOTAL
	mperatu	re: Air	ft. when ft. when <b>88</b> ON	n °F., FI	Water	<b>76</b>	°F., G DOD	Time RAVE	spaw <b>1600</b> L ( <i>sq. y</i> RGINA	vn <b>)</b> vards)	, Flow (	cfs) Now	POOL RDS	S DEPTH		RUBBL Ísq. yara	.E (s)	TOTAL
	mperatu	re: Air	ft. when ft. when <b>88</b> ON	n °F., FI	Water	<b>76</b>	°F., G DOD	Time RAVE	spaw <b>1600</b> L ( <i>sq. y</i> RGINA	vn <b>)</b> vards)	, Flow (	cfs) Now	POOL RDS	S DEPTH		RUBBL Ísq. yara	.E (s)	TOTAL
	mperatu	re: Air	ft. when ft. when <b>88</b> ON	n °F., FI	Water	<b>76</b>	°F., G DOD	Time RAVE	spaw <b>1600</b> L ( <i>sq. y</i> RGINA	vn <b>)</b> vards)	, Flow (	cfs) Now	POOL RDS	S DEPTH		RUBBL Ísq. yara	.E (s)	TOTAL
	mperatu	re: Ain 3SECTI 00-0.1	ft. when ft. when <b>88</b> ON	n °F., FI	Water	<b>76</b>	°F., G DOD	Time RAVE	spaw <b>1600</b> L ( <i>sq. y</i> RGINA	vn <b>)</b> vards)	, Flow (	cfs) Now	POOL RDS	S DEPTH		RUBBL Ísq. yara	.E (s)	TOTAL
	mperatu SUE 0.0	re: Ain 3SECTI 00-0.1	ft. whee ft. whee 88 ON 25	n °F., FI SPE	Water SH CIES	<b>76</b>	°F., G DOD <b>8</b>	Time RAVE MA	spaw <b>1600</b> L ( <i>sq. y</i> RGINA	vn <b>)</b> vards)	, Flow (	cfs) Now SQ. YA 200	POOL RDS	S DEPTH		RUBBL Ísq. yara	.E (s)	TOTAL
	mperatu SUE 0.0	al	ft. whee ft. whee 88 ON 25	n °F., FI SPE	Water SH CIES	76	°F., G DOD <b>8</b>	Time RAVE MA	spaw <b>1600</b> L ( <i>sq. y</i> RGINA	vn <b>)</b> vards)	, Flow (	cfs) Now SQ. YA 200	1 POOL RDS	S DEPTH		RUBBL Ísq. yara	.E (s)	TOTAL
t. GRAVEL, POOL AND RUBBLE AREA	mperatu SUF O.O	al	ft. whee ft. whee 88 ON 25 PERC 30	n °F., FI SPE	Water SH CIES	76	°F., G DOD <b>8</b>	Time RAVE MA	spaw 1600 L ( <i>sq. y</i> RGINA 19	/n	, Flow (	sQ. YA 200	1 POOL RDS 	S DEPTH 2-3 + %)		RUBBL Ísq. yara	.E (s)	TOTAL
f. GRAVEL, POOL AND RUBBLE AREA	mperatu SUF O.O	al	ft. whee ft. whee 88 ON 25 PERC	n °F., FI SPE	Water SH CIES	76	°F., G DOD <b>8</b>	Time RAVE MA	spaw 1600 L ( <i>sq. y</i> RGINA 19	/n	, Flow (	cfs) Now SQ. YA 200 dient X Steep	1 POOL RDS 0 (2.5 rate (1.0	S DEPTH 2-3 + %)		RUBBL Ísq. yara	.E (s)	TOTAL
f. GRAVEL, POOL AND RUBBLE AREA	mperatu SUE O.0 Tota	al g. 20	ft. whee ft. whee 88 ON 25 PERC 30 35	n ^°F., FI SPE  ENT ( 40	Water SH CIES DF SEC	76	°F., G DOD <b>8</b> N POO 70	Time RAVE MA	spaw <b>1600</b> L ( <i>sq. y</i> RGINA <b>19</b> 90	/n	, Flow ( TOTAL 27 h. Grac	cfs) Now SQ. YA 200 dient X Steep X Mode Flat	1 POOL RDS (2.5 rate (1.0 (0 to j. ST	S DEPTH <b>2-3</b> + %) to 2.5 %) 1 %) FREAMSI		RUBBL (sq. yara 380		TOTAL
f. GRAVEL, POOL AND RUBBLE AREA	mperatu SUE O.0 Tota	al g. 20	ft. whee ft. whee 88 ON 25 PERC 30 35	n ^°F., FI SPE  ENT ( 40	Water SH CIES DF SEC	76 GC	°F., G DOD <b>8</b> N POO 70	Time RAVE MA	spaw <b>1600</b> L ( <i>sq. y</i> RGINA <b>19</b> 90	/n	, Flow ( TOTAL 27 h. Grac	sQ. YA 200 dient X Steep X Mode	1 POOL RDS (2.5 rate (1.0 (0 to j. ST	S DEPTH <b>2-3</b> + %) to 2.5 %) 1 %) FREAMSI		RUBBL (sq. yard <b>380</b>	PE	TOTAL (sq. yard's
C F GRAVEL, POOL AND RUBBLE AREA	mperatu SUE O.O Tota 10	al g. 20	ft. whe ft. whe 88 ON 25 PERC 30 35 ERAGE	n n FI SPE  EENT (0 40 STREA	Water SH CIES OF SEC 50	76 GO TION II 60	°F., G DOD 8 8	Time RAVE MA		/n  pards)  L  100	, Flow ( TOTAL 27 h. Grac	cfs) Now SQ. YA 200 dient X Steep X Mode Flat GED WITH	1 POOL RDS (2.5 rate (1.0 (0 to j. ST	S DEPTH <b>2-3</b> + %) to 2.5 %) 1 %) FREAMSI s)		RUBBL (sq. yard <b>380</b>	PE HERB	TOTAL (sq. yard's

## 7. FISH SPECIES, SIZE, AND ABUNDANCE

a.	Method of collection									
	SPECIES	SIZE	NUMBER PER 100 FT.			SPECIES	SIZE	NUMBER PER 100 FT.		
	SFECIES		0-5	6-50	50 +	SFECIES	SIZE	0-5	6-50	50 +
	Warmwater	to 6"			X	Section one of				

## 8. LIMITING FACTORS

	BARRIE	RS (type)		HEIGHT	PASS	ABLE	CORRECTIONS NEEDED		
DAM	FALLS	LOGJAM CULVERT		(ft.)	YES	NO	YES	NO	

Other factors

- Ors On foot up Big Sulfur from PG&E bridge at Geysers.
- 9. Access

At start, stream has moderate grade, with cascade-riffle-pool type. Many warmwater fish; no trout noted. Bottom of boulders primarily, with some gravel, sand and cobbles. Vegetation right down to water; no indication of severe high water or erosion. Several sulfur springs along the way. By S2, climbing steeply. In S3 & S4, flatter area with more moderate grade, but avee this point, stream begins to climb steeply again. In upper areas, geothermal wells being drilled, and power plant going in.

- 2. 40 yds- 3' falls. 85 yds- 10' falls; nice pool below, none above; over sheer rock face, with corner. 95 yds-into 33, stream climbs 35-40% grade, in a series of cascades and falls to 10'. Area a mass of boulder piled into couple of sharp corner turns.
- 3. At start of three, travel in canyon became too difficult, so final observations upstream made from hillside above.

## **INSTRUCTIONS** •

- 1. District office completes two (2) copies upon request of Stream Surveyor.
- 2. Submit original to permanent District file and carbon to Stream Surveyor for final stream survey report.
- 3. See Form 6670—1 tor specific instructions.