UNITED STATES DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

GEOLOGIC AND GRADE-VOLUME DATA ON 330 GOLD PLACER DEPOSITS

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INTRODUCTION

Placer deposits account for a large portion of the total production of gold. If fossil placers such as the Witwatersrand are included, more than two-thirds of the world's gold has been produced from placer deposits (Boyle, 1979). Information on production and reserve grades and volumes, gold source, fineness, mining methods, other economic commodities and general geologic features of the deposits are compiled in the present report for over 300 deposits for the purposes of constructing grade-volume models of placer deposits. This information is useful for analyzing the roles genetics and mining method have on placer grades and volumes. Deposits were included if a grade and volume were published or if grade and volume could be estimated using data given in the literature.

The deposits included in this report represent a wide spectrum of geologic and climatic settings. These placers have been previously classified in the literature as stream/alluvial, eluvial, beach, buried, alluvial plain, desert, glacial-fluvial, bench, residual, Tertiary, and lake placers; many placers are described by several of these terms. A few of the deposits included in this report have been mined primarily for a commodity other than gold, i. e. diamonds or cassiterite. Other deposits contain potential for production of platinum minerals, ilmenite, or monazite.

Much of the literature on gold placers is dated or incomplete. Recent production and new deposit grades and volumes are frequently

unpublished and cannot be included in this report. With the current high interest in gold and the high rate of new papers describing deposits, it is imposssible to identify all the new information on gold placers that becomes available. We encourage and solicit any data or corrections that would improve or expand our placer-gold deposit file. Revisons, additons, and corrections will be included in subsequent editions of this compilation.

DATA COLLECTION

Much of the gold placer literature is old and/or incomplete. For many deposits, little or no descriptive geologic information exists or is scattered throughout the literature. Therefore, the authors estimated some deposit grades and volumes indirectly. The indirect estimates of grade and volume seem to work well where we later have found published figures. However, the reader should make note of the following caveats:

1. Data in this report represent single deposits (placers within 1 mile of each other), districts, and individual placer workings. Deposit definition is largely dependent on the level of data reporting which varies from area to area. Individual workings are not included if deposit or district data are presented. A deposit was subjectively determined by the collectors based on the literature.

2. Total reported gold production for the central Brooks Range, Alaska exceeded the total as reported by deposit. The difference

was added in proportion to the estimated contained metal for each deposit and the sizes were reestimated.

3. It is not always possible to tell when gravels have been reworked, but this information was taken into account in estimating grades and volumes when compiling the records.

4. Some early data were reported as a dollar value per man days using a particular type of equipment. Various sources have shown that in some cases volumes of gravel can be estimated by placer method. Examples:

a) Two men with a rocker can handle 3 - 5 cubic yards (cy) gravel per 10 hour day (Boericke, 1950).

b) An expert can pan about 1 cy/day of gravel under excellent conditions. Under average conditions, a good miner can pan about 60 pans per day, about 1/3 cy (Boericke, 1950).

c) There are approximately 180 16" pans to the cy.

d) Purington (1905) gives volumes moved by man days for a variety of methods and areas in Alaska, including sluice and drift mining.

5. Some volumes were estimated from deposit length, width, and depth. Deposit volume estimations are largely inappropriate for use other than work related to placer grade-volume modeling.

6. In many areas, little or no information is known about earliest production. If this production were large, the deposit's grade and contained metal may be significantly underestimated.

7. For many deposits, reserve figures are unavailable. If the reserves are large, a deposit's grade, contained metal and volume may be inaccurately estimated.

8. The data were collected at different times and stages of this project. Data collected during the early stages may not reflect all the information available in the literature that was collected for data compiled during later stages.

9. Where appropriate, missing production data were linearly estimated between known years.

10. When grades could not be accurately determined, the mean of a grade range was used. If the grades of a range were widely diverse, the lower part of the range was considered more appropriate than the mean. The median grade was occasionlly selected if multiple grades were reported. Grade estimations are largely inappropriate for use other than work related to placer grade-volume modeling.

11. In many cases, locations outside of the United States are poor and are only identified by host country. Data from New South Wales are located using the 10,000 yd Transverse Mercator Grid. Most locations are given as an 8-figure grid reference. The first 4 digits multiplied by 10,000 yds gives the easting; the second 4 digits multiplied by 10,000 yds gives the northing. In a few cases, locations are not as accurately known and a 6-figure grid reference is used. For these locations multiplying the first and second 3 digits by 100,000 yds will give the reader the eastings and northings, respectively.

12. "Sluice" is listed as a mining method for many deposits. Most placer mining methods (drift mining, dredging, etc.) use sluicing to separate the gold from the gravels. When "sluice" is listed as

the mining method, the manner of ore delivery to the sluice is by hand or is unknown.

13. Gold may be produced as a byproduct from placers dominated by other commodities. In most cases, these placers are identified by the other commodity being included in parentheses as part of the placer name (i.e. Crookwell (diamond)).

TABLE 1

Table 1 contains an alphabetical summary listing of the 330 deposits described in this report. In addition to names, Table 1 lists country, a secondary geographical division, volume, gold and/or silver grade, placer type, placering methods, gold and/or silver fineness, the possible gold source, source form, latitude-longitude, and references, where available, for each deposit.

Known geographical information for each deposit is found under 3 headings. The column heading "Code" contains a 4 character country or country/state code. These codes are defined in Table A. The column heading "County/Quad" contains second or third order political units -- county, province, or quadrangle names (Alaska) to better locate each placer. Available latitudes and longitudes are found under the table headings "Lat" and "Long".

Grade and volume information are listed under the column heading of "Cubic Meters", "Au g/cm", and "Ag g/cm". The first heading contains volume information recorded in m^3. Gold and silver grades are expressed

in g/m^3 under the latter labels. All grade figures contain 3 decimal places for ease of plotting only and should not be considered to be significant to 3 decimal places.

The "Type" and "Method" table headings contain information on placer deposit type classification and the known methods of placering for each deposit as reported in the literature. The abbreviations used in these fields are contained in Table B.

The Table 1 columns headed by "Source" and "Source Form" contain data on the host rock type of the gold source mineralization and the form of mineralization (vein, disseminated, etc.). Abbreviations used for these fields are contained in Table C.

References are listed by a number code that refers to the numbered references cited. References cited "**3" in Table 1 refer to the footnotes at the end of the table.

DATA

The data collected for each deposit include: location information, district, owner or operating company, grades and volumes, contained metal, metals/commodities present, placer types, mining methods, production history, bedrock source of gold, gold and silver fineness, references, available geologic information, and miscellaneous items of interest such as nugget sizes. Abbreviations used for elements, measurements, etc. are listed in Table D. In references, MRDS refers to the U. S. Geological Survey's Mineral Resources Data System and is accompanied by the record

number used as reference. MRDS is a computerized storage, retrieval, and display system of mineral occurrences developed by the Branch of Resource Analysis.

The data on the following pages are organized by country with the United States listed first, other countries follow alphabetically. The deposits are also listed alphabetically within each country, except for the United States where records are listed alphabetically within each state. Not all data were available for each deposit.

TABLE A

COUNTRY NAMES

AUNS	Australia, New South Wales
AUNT	Australia, Northern Territory
AUQL	Australia, Queensland
AUSA	Australia, South Australia
AUTS	Australia, Tasmania
AUVT	Australia, Victoria
AUWA	Australia, Western Australia
BLVA	Bolivia
BRZL	Brazil
CLBA	Colombia
CNBC	Canada, British Columbia
CNMN	Canada, Manitoba
CNNB	Canada, New Brunswick
CNNF	Canada, Newfoundland
CNNS	Canada, Nova Scotia
CNNT	Canada, Northwest Territory
CNON	Canada, Ontario
CNQU	Canada, Quebec
CNSK	Canada, Saskatchewan
CNYT	Canada, Yukon Territory
INDS	Indonesia
IVCO	Ivory Coast
PANA	Panama
PERU	Peru
PPNG	Papua New Guinea
SKOR	South Korea
SLMN	Solomon Islands
USAK	United States, Alaska
USAZ	United States, Arizona
USCA	United States, California
USCO	United States, Colorado
USID	United States, Idaho
USMT	United States, Montana
USNM	United States, New Mexico
USNV	United States, Nevada
USOR	United States, Oregon
USUT	United States, Utah
USWA	United States, Washington
ZIRE	Zaire

TABLE B

PLACER TYPES AND METHODS

Types		Methods	
a	pre-Tertiary	dd	dredge
b	bench	df	drift
c	colluvium	dl	dragline
d	desert	dw	dry washing
e	eluvial	dy	dryland dredge
g	glacial-fluvial	gp	gravel pit
k	lake	hm	hand methods
o	beach	hy	hydraulic
p	alluvial plain	nm	not mined
r	residual	op	open pit
s	stream, alluvial	pg	panning
t	Tertiary	rk	rocker
u	unknown	sc	sluice
		un	unknown

TABLE C

Gold Source Abbreviations

Rock Types/Modifiers

congl	conglomerate
dio	diorite
gab	gabbro
gdio	granodiorite
gne	gneiss
gr	granite
grnst	greenstone
hnfl	hornfels
ig	igneous rock (undifferentiated)
lst	limestone
meta	metamorphic rock/ metamorphosed
mon	monzonite
phyl	phyllite
por	porphyry
qtz	quartzite/quartz
rew	reworked sediments
rhy	rhyolite
sch	schist
sed	sedimentary rock (undifferentiated)
sh	shale
sl	slate
sst	sandstone
vol	volcanic rock

Other

co3	carbonate
pyr	pyrite
stib	stibnite
stock	stockwork
tour	tourmaline

TABLE D

TEXT ABBREVIATIONS

Elements

Ag	silver
Au	gold
Dia	diamond
Hg	mercury
Ir	iridium
Ni	nickel
Os	osmium
PGM	platinum group metals
Pt	platinum
REE	rare earth elements
Rh	rhodium
Sn	tin
Ta	tantalum
W	tungsten

Measures

ct	carat
cy	cubic yard (also yd^3)
dwt	pennyweight
ft	foot
ft^2	square foot (also sq ft)
g	gram
in	inch
kg	kilogram
km	kilometer
lb	pound
m	meter
M	million
mm	millimeter
m^3	cubic meter (also cm)
mi	mile
oz	troy ounce
st	short ton
t	metric ton (tonne)

TABLE 1

Name	Code	County/Quad	Cubic Meters	Au g/cm	Ag g/cm	Type	Method	Au Fine	Ag Fine	Source	Source Form	Lat	Long	Refs
Adelong Creek	AUNS	Wynyard	25,000,000	0.300	NA	t,e,s	dd							37
Adumbi	ZIRE	Zaire Haut, Ngayu	20,000,000	2.000	NA	u	un				qtz vein	1-30N	29-30E	78
Ajax Placer	USMT	Sanders	80,000	1.200	NA	s	sc					47-51-29N	115-27-26W	71,127
Alicks Paddock Diggings	AUNS	kennedy	22,000	20.340	NA	s	df							14
Alma (Mills) Placer	USCO	Park	3,324,000	0.285	NA	s,g	df,sc,dl	826		sst,sh, por				111
Alpha-Omega	USCA	Nevada	28,000,000	0.250	0.009	t	hy,sc							28,3,70a
American Creek	USAK	Tanana Quad.	410,000	5.300	NA	s,b	dd			shear	qtz/co3 vein			42,61
Aparejo Point	USID	Lemhi	36,700	0.349	NA	s	nm					44-56-05N	114-43-24W	24,127
Araluen Valley	AUNS	St. Vincent	5,100,000	0.200	NA	s	sc,dd							53
Argenta	USMT	Beaverhead	1,222	2.700	0.270	s	hy				vein			52
Arivaca	USAZ	Pima	160,000	2.000	NA	d	sc							72
Arnett Creek	USID	Lemhi	4,350,000	0.347	0.029	s,b,r	hy	900			vein	45-13-23N	114-12-34W	127,85
Asupiri	IVCO		1,600,000	0.500	NA	u	un							108
Baboquivari	USAZ	Pima	66,000	0.770	NA	d	sc?							72
Bald Hill Lead	AUNS	Ashburnham	24,000	26.000	NA	s	df							13
Baldy Mountain (Dyce Ck.)	USMT	Beaverhead	150	24.000	2.000	s	pg				vein			52
Bannock (Grasshopper Ck.)	USMT	Beaverhead	1,730,000	0.270	0.016	s,b	dd,hy,sc							52
Benson	USOR	Josephine	2,300,000	0.510	NA	b	un					42-38-24N	123-29-12W	127
Big Badja River	AUNS	Beresford	6,900	0.490	NA	s	sc,dd							62
Big Blackfoot	USMT	Powell	55,000	1.700	0.360	u	un							92
Big Creek (Sn)	USAK	Ruby Quad.	25,000	5.700	NA	s	un				qtz/tour vein	64-40N	155-29W	26,42
Big Gold - Glacier	CNYT	Sixty-Mile	2,500,000	0.800	0.130	s,b	dd	850				64-01N	140-44W	35,36,120,56
Big Hole - Wisdom	USMT	Beaverhead	1,800	4.700	0.810	b	hy							52
Billys Lookout	AUNS	Gipps	120	18.000	NA	t	df				qtz vein			13
Bingara (diamond)	AUNS	Murchison	30,000	1.400	NA	t	un					29-45S	150-25E	118
Bingham	USUT	Salt Lake	20,000,000	0.120	NA	s,b,r	sc,df,hy							75
Birch Creek (Sn)	USAK	Ruby Quad.	15,000	8.500	1.500	b	df	850		gr,sl?	vein	64-30N	155-20W	26
Black Hills Creek	CNYT	Dawson	1,400,000	0.660	NA	s	sc	755				63-24N	138-49W	35,36,12
Bloom Placer	USWA	Chelan	305	0.493	NA	u	un							69
Blue River	USCO	Summit	21,333,000	0.285	0.041	s	dd,hy	760	191	sh,por,qtz				111
Bonanza - Klondike - Hunker	CNYT	Dawson	104,000,000	0.280	0.061	s,b,t	dd	732		sch,shear	qtz vein	64-00N	138-38W	**1
Bossburg Bar Placer	USWA	Stevens	23,000	0.493	NA	s	un							69
Bossy Bar	USCA	Tuolumne	6,500	0.810	NA	s	un							70
Boulder River	USMT	Jefferson	45,000	1.300	0.400	s	dd							117
Bud Lee Mine	USCA	Plumas	78,000	0.027	NA	s	un							82
Bullrun Placer	USOR	Baler	46,600	1.460	0.163	s	dl					44-23-17N	118-14-21W	15
Burrangong	AUNS	Monteagle	120,000	125.000	NA	s	df,sc,dd			gr	qtz vein			48
Bushman Lead	AUNS	Ashburnham	420	46.000	NA	t	df				qtz vein			13
Butschke	USID	Lemhi	25,500	0.803	NA	u	hy	965						85
Buxton Creek	CNBC		155,000	0.840	NA	s	nm							79
CIC Placer	USCA	Ventura	63,000	0.072	NA	s	un							59
Cal-Idaho	USID	Idaho	281,000	0.089	NA	t	hy							84
Calaveras Central Mine	USCA	Calaveras	62,000	11.000	1.200	t	df							3
California Creek	USAK	Chandalar Quad.	170	40.000	NA	s	df					67-28-06N	149-27-44W	88,115,38,127
Camanche	USCA	Calaveras	45,000,000	0.200	NA	s	dd							127,28
Cave Creek	USAZ	Maricopa	17,000	0.970	NA	d	un				vein			72

TABLE 1

Name	Code	County/Quad	Cubic Meters	Au g/cm	Ag g/cm	Type	Method	Au Fine	Ag Fine	Source	Source Form	Lat	Long	Refs
Cedar Creek	USWA	Clallam	1,160	6.500	NA	o	un							69
Chemehuevis	USAZ	Mohave	11,000	2.600	NA	d	un			sch	qtz vein			72
Chiksan	SKOR	Chonan-gun	11,400,000	0.140	0.033	s	dd	830			qtz vein	36-54N	127-10E	50
Clara Gulch	USAK	Wiseman Quad.	1,250	5.500	NA	s	sc					67-18-24N	150-08-23W	88
Clark Placer	USWA	Lincoln	29,500	0.486	NA	s	un							69
Clear Creek	CNYT	Dawson	4,900,000	0.490	0.120	s	dd,dl	844				63-47N	137-15W	**2
Cleary Creek	USAK	Livengood Quad.	2,900,000	14.000	2.500	s	df	825			vein			61
Cloverdale	USNV	Nye	2,800	1.500	NA	d	dw				vein			74
Coal Creek	USAK	Charley River Quad.	810,000	0.380	0.041	s	dd	897	96	Tert congl				42,61
Cobweb Diggings	AUNS	Kennedy	14,000	0.860	NA	s	un				qtz vein			14
Coleman Township	CNYT	Timiskaming	180	NA	93.000	k	un					47-22N	79-48W	44
Confederate Gulch	USMT	Broadwater	28,800,000	0.244	NA	s,b	dd,dl,hy				qtz vein			87
Copper Basin	USAZ	Yavapai	160,000	1.500	NA	s	dd?				qtz/tour vein			72
Corduroy Creek	USID	Idaho	536,500	0.200	NA	s	un							84
Corowa Deep Lead	AUNS	Hume	10,500	10.000	NA	t	df							37
Courtland-Gleeson	USAZ	Cochise	2,400	1.300	NA	d	un							72
Crescent Creek	USUT	Garfield	17,000	0.730	NA	s,b	dw			dio, mon	vein			75
Crooked Creek	USID	Idaho	930,500	0.407	NA	s	un	850			vein			84
Crooked River Site 9	USID	Boise	2,600	0.025	NA	s	nm							4
Crookwell (diamond)	AUNS	King	1,300	5.000	NA	t	un					35-30S	149-20E	118
Crow Creek	USAK	Anchorage Quad.	1,200,000	1.100	NA	s,b,g,e	sc,hy			rew + ?	qtz vein			66,131
Cullengoral	AUNS	Wellington,Bligh,Phillip	3,100,000	0.100	NA	s,t	sc,dd,dl							91
Currajong Lead	AUNS	Ashburnham	220	24.000	NA	t	df					30-06S	148-11E	13
Dalton Gulch (Sn)	USAK	Tanana Quad.	1,600	8.900	NA	s	un							42,61
Deadwood Creek	USAK	Circle Quad.	1,440,000	2.300	0.590	s,b	dd	796	198					42
Deep Creek	USAK	Tanana Quad.	64,500	17.000	1.900	s	df							42,61
Deep Gravel	USOR	Josephine	843,000	0.489	NA	s	hy					42-04-07N	123-38-27W	15,127
Deep Moon Mine	USCA	Sierra	47,000	0.320	NA	b	un							130
Dixie Placer	USOR	Grant	4,920,000	0.183	NA	s	dd,hy,pg			meta volc,gab				15
Dominion - Jensen	CNYT	Dawson	22,000,000	0.380	0.093	s,b	dd	822		sch,shear	qtz vein	63-48N	138-36W	**3
Dos Cabezas	USAZ	Cochise	6,600	4.900	NA	d	dw,sc,pg				qtz vein			72
Dragonfly - Jay Bird Mines	USCA	Sierra	520,000	0.020	NA	b	df,un							130
Dublin Creek	CNYT		1,800,000	0.300	NA	g	sc	892				64-02N	135-50W	36
Duncan Creek	CNYT		214,000	0.340	NA	g	sc	797				63-50N	135-28W	36,76,56,57
Duncan Creek Drift Mine	CNYT	Mayo	1,300	73.000	NA	g	df	825			qtz vein	63-54N	135-19W	76,56,57
Dutch Flat	USNV	Humboldt	80,000	1.750	NA	d	rk			gdio,sed	qtz vein			74
Eagle Cliff	USAK	Bettles Quad.	800	7.300	NA	b	sc					66-59N	150-33W	88
Eagle-Mastodon	USAK	Circle Quad.	760,000	1.200	0.160	s	un	833	108					42,61
El Dorado Bar	USMT	Lewis and Clark	3,200,000	0.160	NA	s	dd							93,87
Elkhorn Creek	USMT	Jefferson	272,000	0.100	0.011	s	dl							117
Elkhorn Placer Mine	USOR	Josephine	148,000	0.175	NA	s,b	un	938				42-25-23N	123-42-25W	127
Elliston District	USMT	Powell	71,000	0.244	0.049	s	hm							92
Emerald	AUQL		1,500,000	0.600	NA	u	un							105
Engineer Creek	USAK	Fairbanks Quad.	110,000	25.000	NA	s	dd,df							42
Eureka Creek	CNYT	Dawson	760,000	1.100	NA	s	op	716				63-35N	138-50W	35,36,100
Excelsior-Monte Christo	USCA	Sierra	4,900,000	0.690	NA	t	un							130

TABLE 1

Name	Code	County/Quad	Cubic Meters	Au g/cm	Ag g/cm	Type	Method	Au Fine	Ag Fine	Source	Source Form	Lat	Long	Refs
Exhibition Lead	AUNS	Bland	4,200	16.000	NA	s	df			dio	qtz reefs			48
Fairplay	USCO	Park	25,826,000	0.138	0.025	s,g	sc,dd,hy,pg	832	155					111
Fales Hill Mine	USCA	Plumas	120,000	0.260	NA	t	un							82
Fall Creek	USID	Idaho	45,000	0.232	NA	s	hy,sc							84
Fazenda Brasileiro	BRZL		415,000	13.880	NA	s?	un							102
Fifield Lead (Pt placer)	AUNS	Kennedy	21,000	2.000	NA	u	df							14
Folsom	USCA	Sacramento	760,000,000	0.110	NA	p	dd							127,28
Foots Creek	USOR	Jackson	479,000	0.277	0.040	s	dd							15
Forest Creek	USOR	Jackson	3,640,000	0.244	NA	s	hy,dd							15
Foresthill	USCA	Placer	300,000	7.900	NA	t	df,hy							3
French Gulch	USCO	Summit	5,929,000	0.489	NA	s,b	dd							111
Garangula	AUNS	Harden	900	20.000	NA	s	sc,dd				qtz reefs			48
Garnet Creek	USAK	Chandalar	140	16.000	NA	s	sc					67-32-54N	149-22-44W	88
Gay's River	CNNS	Colchester	2,000	9.600	NA	a	df?							109,89
George Prezel	USID	Idaho	2,292	0.448	NA	s	un							84
Georgia Gulch	USCO	Summit	8,200,000	0.570	NA	s,b	sc,pg			sh,por	vein			111
Gillenbine (Pt placer)	AUNS	Cunningham	1,000	1.000	NA	s	df							14
Glacier Creek	USAK	Ruby Quad.	18,000	2.800	NA	s	un				qtz/tour vein	64-41N	155-29W	26,42
Glen Creek	USAK	Tanana Quad.	600,000	2.500	NA	s	df	774		rew,sl,qtz	qtz vein			42,61,114
Gold Basin	USAZ	Mohave	30,000	1.100	NA	d	dw				qtz/co3 vein			72
Gold Bench	USAK	Bettles Quad.	24,000	14.000	NA	b	df,sc,rk					66-58-48N	150-38-23W	88
Gold Butte	USNV	Clark	107	2.910	NA	d	un			gr	vein			74
Gold Creek - Linda Creek	USAK	Chandalar Quad.	49,000	11.000	NA	s	sc	945				67-33N	149-37W	88
Gold Run	USCO	Boulder	122,000	1.467	0.070	s	sc,rk,pg,dl							111
Gold Run	USCO	Summit	3,750,000	0.297	NA	s,c	hy							111
Golden Eagle	USID	Lemhi	220,000	0.270	NA	b	un					45-18-01N	114-33-09W	127,25
Golden Rule	USID	Idaho	1,490,000	0.148	0.025	b,g,r	sc,hy	850				45-16-16N	115-50-01W	23,84,127
Goldstream	USAK	Fairbanks Quad.	900,000	6.900	NA	s	df,dd							42
Goler Canyon	USCA	Kern	9,600,000	0.770	NA	s,b	un							124
Greaterville	USAZ	Pima	5,400,000	0.240	NA	d	dl				qtz vein			72
Green River	USUT	Uintah	34,000	1.400	NA	s	dd			qtz?				75
Greenbower	USCA	Plumas	380,000	0.300	0.025	t	sc							32
Grubstake Bar	USAK	Bettles Quad.	830	11.000	NA	b	sc,rk					66-59N	150-30W	88
Gurupi River Placer	BRZL	Maranho	1,500,000	0.600	NA	u	un							102
Gympie	AUQL		3,000,000	0.620	NA	u	un							105
Haggatt - Dublin	CNYT		3,000,000	0.480	NA	s,b,g	sc	892		metased	vein	64-01N	135-15W	***4
Hammond River	USAK	Wiseman Quad.	210,000	5.100	0.320	s,b	df,sc	936				67-30N	150-03W	88,90,115
Hammonton District	USCA	Yuba	760,000,000	0.200	NA	p	dd,hy							28,127
Hampton	USNV	White Pine	2,292	0.807	NA	d	sc,dl,rk					39-05N	114-25W	68
Harden-Murrumburrah	AUNS	Harden	850	28.000	NA	s	df			gr	qtz veins			48
Henderson Creek	CNYT		1,460,000	0.700	0.250	s	dd	728				63-23N	136-16W	35,36,94
Henderson Creek	USMT	Granite	5,800,000	0.330	NA	s,b	sc,dd,hy							87
High Gravel	USOR	Josephine	2,290,000	0.059	NA	b	hy							15
Highet Creek	CNYT		1,800,000	0.840	NA	s,b	dd,hy,sc,df	800				63-45N	136-09W	56,57,35,36
Hoosier Creek	USAK	Tanana Quad.	180,000	0.420	0.024	s	df,hy	941	53	grnst	qtz vein			98,30,61,42
Houston Creek	USID	Idaho	27,000	0.057	NA	s,b	un							84

TABLE 1

Name	Code	County/Quad	Cubic Meters	Au g/cm	Ag g/cm	Type	Method	Au Fine	Ag Fine	Source	Source Form	Lat	Long	Refs
Lowland Creek	USMT	Jefferson	1,400,000	0.192	0.113	s	un							117
Lynn District	USNV	Eureka	916,800	0.448	NA	d	sc,dl,dw,pg	940		chert	qtz vein			74,116
Lynx Creek	USAZ	Yavapai	6,600,000	0.370	NA	s	sc,dl			gdio	qtz vein			72
Main Grenfell Lead	AUNS	Monteagle	110	18.000	NA	s	df			por				13
Maisy May Creek	CNYT		137,000	0.650	NA	u	sc							129
Mammoth Creek	USAK	Circle Quad.	4,000,000	1.900	0.480	s	hy,dd	787	201		qtz vein			42,30
Manhatten Alluvial Fan	USNV	Nye	760,000,000	0.630	NA	d	nm			lst,sch	vein	38-32N	117-09W	127,76a
Manhatten Gulch	USNV	Nye	16,700,000	0.270	0.046	d	sc,dd,dw,df	720	274	lst,sch	vein	38-32-20N	117-09-07W	127,76a,77a
Marisa	INDS	Sulawesi	5,000,000	0.500	NA	u	un							104
Mascot Creek	USAK	Wiseman Quad.	27,000	13.000	NA	s,b	sc?	965				67-30N	150-30W	39,115
Mason Creek	USAK	Meloziina Quad.	14,000	1.600	NA	s,b	hy	900				55-10N	155-30W	26
Michigan Bluff	USCA	Placer	4,600,000	1.600	NA	t	hy							28
Midnight Creek	USAK	Ruby Quad.	88,000	1.300	NA	s	un	884		sch,gr	qtz vein			26,42
Milkmans - Two Mile Leads	AUNS	Monteagle	124	46.000	NA	t,s	df			sl	qtz vein			13
Mill Gulch	USNV	Lander	580,000	0.322	0.037	s	dl			gdio,chert	vein			74
Mineral Creek	USAK	Charley River Quad.	35,000	0.770	NA	s,b	un	928						42
Minnie Creek	USAK	Wiseman Quad.	420	5.500	NA	s	df,sc					67-25N	150-00W	88
Minnook Creek	USAK	Tanana Quad.	24,000	2.100	NA	b,s	un			sed, tuff				30,98,61,42
Missouri Creek	USCO	Gilpin	1,776	0.530	NA	s	un							111
Mitchell Creek	USMT	Jefferson	26,700	0.351	NA	s	un							117
Monumental Bar	USID	Valley	92,000	0.170	NA	s	nm					45-09-42N	115-07-42W	24
Moore's Flats	USCA	Nevada	31,000,000	0.260	0.031	t	hy							28
Moose Creek	USID	Idaho	3,700,000	0.156	NA	t,b,s	un					45-49-55N	115-35-29W	119,84
Morelock Creek (Sn)	USAK	Tanana Quad.	150,000	3.600	NA	s	sc	920				65-15N	151-15W	42,26
Morris-Lott	USCA	Plumas	380,000	1.100	0.130	t	hy,df							82
Mount Grant	USNV	Mineral	11,500	0.640	NA	s,r	sc,dl	898		gr	vein			74
Mud Creek	USAK		46,000,000	0.150	NA	b	un							134,16
Mule Creek	USAK	Chandalar Quad.	19	2.300	NA	b	df					67-37N	149-20W	88
Myrtle Creek - Slate Creek	USAK	Chandalar Quad.	21,000	20.000	1.200	s	sc	935	55			67-15N	150-00W	88
Negro Bar Placer	USWA	Stevens	8,800	0.300	NA	s	un							69
Negro Creek Placer	USWA	Chelan	1,300	1.300	NA	u	un							69
Newsome and Leggett Creeks	USID	Idaho	497,000	0.079	0.011	t	un					45-45-15N	115-37-41W	127,119
Nichi River	CLBA	Medellin	9,900,000	0.610	NA	s	un							103
Nine Mile Creek Placers	USMT	Missoula	1,400,000	0.237	NA	g	dl,dy	980				47-09-49N	114-31-00W	87,127
Nolan Creek	USAK	Wiseman Quad.	146,000	12.000	NA	s,b	df	900			stib vein	67-30N	150-10W	88,115
Nome-Second Beach	USAK	Seward Peninsula	700,000,000	0.140	NA	b	nm							41
Nonsan	SKOR	Chungchong-namdo	4,150,000	0.040	NA	s	dd					36-16N	127-02E	50
North Bloomfield	USCA	Nevada	99,000,000	0.280	0.028	t	hy,dd							28,3
North Fork Boise River	USID	Boise	410,000	0.061	NA	s	un					43-57N	115-17W	4
North Fork Palouse River	USID	Latah	2,200,000	0.210	0.012	s	dd					46-58-02N	116-33-58W	127
Nugget Creek (So. Fork)	USID	Idaho	8,072	0.572	NA	s	un				vein			84
Nuggetty Gully Lead	AUNS	Forbes	660	74.000	NA	t	df			volc,meta	qtz vein	33-37S	148-19E	13
Old Chuva Terrace	SLMN	Guadalcanal Island	5,000,000	1.000	NA	b	nm							106
Olinghouse Alluvial Fans	USNV	Washoe	7,900,000	0.275	NA	d	nm			ig	qtz/CO3 vein	39-30N	119-20W	5b,74
One Day at a Time	USCA	Sierra	46,000	0.590	NA	t	df,hy,sc							130
Ophir	USMT	Powell	1,300,000	0.330	0.110	u	un							92

TABLE 1

Name	Code	County/Quad	Cubic Meters	Au g/cm	Ag g/cm	Type	Method	Au Fine	Ag Fine	Source	Source Form	Lat	Long	Refs
Humbug Creek	USOR	Jackson	1,150,000	0.868	NA	s	un			metavolc				15
Hundred Dollar Gulch	USID	Idaho	6,600	0.733	NA	s	un							84
Hunter - Dawson Creek	USAK	Tanana Quad.	250,000	2.600	NA	s,b	hy,df	919		shear	qtz/co3 vein			98,30,42
Idaho-Klondike	USID	Idaho	2,934	17.500	NA	b	df	800						84
Indian Creek	USCA	Tuolumne	6,900	0.089	NA	s	nm					37-54N	120-09W	70
Indian Creek	USMT	Broadwater	2,617,000	0.231	NA	s,b	dd,dl,pg,dy				vein			87
Ione	USNV	Nye	2,097	1.484	NA	d	un			rhy	vein			74
Iowa Gulch	USCO	Summit	160,000	0.346	NA	b	hy							111
Iron Side	USAK	Bettles Quad.	210	22.000	NA	b	sc					66-59N	150-34W	88
Itapetim	BRZL	Pernambuca	850,000	7.500	NA	u	un							102
Jeff Davis Gulch	USMT	Beaverhead	1,092,500	0.081	NA	s	dy							87
Jembaicumbene Creek	AUNS	St. Vincent	38,000,000	0.150	NA	s	dd				qtz reef			53
Jenny Lind District	USCA	Calaveras	16,000,000	0.230	0.015	p	dd,hy							28,127,3
Johnson Placer	USWA	Ferry	1,530	0.058	NA	s	un							69
Jordan Creek	USID	Custer	604,000	0.611	NA	s	df,dl	611		shear	vein	45-23-11N	114-43-21W	27,127
Keller Ferry Placer	USWA	Lincoln	17,000	0.650	NA	s	un							69
Kenair	USAK	Seward Quad.	3,000	10.400	NA	s	un					60-29-17N	149-51-56W	127,31,126
Kenyon Creek	CNYT		190,000	2.100	NA	s	op	776				63-29N	140-36W	36
Kiandra	AUNS	Selwyn	1,350,000	8.700	NA	s,t	sc,dd							37
Kiandra Lead (Giandarra)	AUNS	Wallace	490	20.000	NA	s	sc,df							37
Kiandra Lead (Homeward)	AUNS	Wallace	43,000	7.500	NA	s,t	sc,df							37
Kings Road	USCA	Tuolumne	160,000	5.500	NA	s	un							70
Kirtley Creek	USID	Lemhi	4,240,000	0.177	0.015	s	dd					45-12-33N	113-47-52W	85,127
Kumje	SKOR	Kumje-gun	17,000,000	0.430	0.043	s	dd			sch	vein	35-46N	126-57E	50
La Grange District	USCA	Stanislaus	84,000,000	0.220	NA	p	dd							28,127
La Grange Hydraulic Mine	USCA	Trinity	76,000,000	0.150	NA	s,b	hy							28,3
Lady Macquarie Dredge	AUNS	Wellington	2,100,000	0.350	NA	t,s	sc,dd				qtz reef			91
Lake Creek	CNYT		8,500	0.600	NA	s,b	sc	895				61-22N	134-21W	29,6,7,35,36
Lake Creek	USAK	Wiseman Quad.	1,800	32.900	NA	s	sc,df			grnst,sch	qtz vein	67-29N	151-30W	88,39,115
Lake Creek	USID	Idaho	428,000	0.296	NA	g,r,s	un			gr		45-20N	115-10W	23
Lamb Creek	USID	Idaho	5,990	0.774	NA	s	un							84
Landstrum Drift Mine	USMT	Lewis and Clark	86,000	122.000	NA	s	df					46-56N	112-45W	87
Last Chance (northern area)	USMT	Lewis and Clark	7,210,000	0.303	NA	s	dd			hnfl,meta	vein	46-34-55N	112-01-45W	87,93
Law Dredge Mine	USCO	Moffat	428,000	0.493	NA	s,b	sc,dd					40-55-47N	107-37-37W	127,112
Lincoln District	USCA	Placer	18,000,000	0.160	0.030	t	dd,dy							28,3
Little Miller Creek	USAK	Eagle Quad.	98,000	0.280	0.034	s	un	885	107			64-25N	141-08W	99
Little Minook Creek	USAK	Tanana Quad.	120,000	13.000	1.100	s	df,sc	919	75	rew				30,98,61,42
Little Minook Jr.	USAK	Tanana Quad.	11,000	13.000	1.100	s,b	df,sc	919	75	rew				98,30,61,42
Lively Placer	USMT	Beaverhead	1,530	0.788	NA	s	sc			por dike	dike	44-53-44N	113-13-34W	127
Livengood	USAK		30,000,000	1.440	NA	u	un							41
Llano de Oro	USOR	Josephine	2,050,000	0.410	0.013	b	hy	955				42-04-01N	123-27-40W	15
Lost Basin	USAZ	Mohave	23,000	1.300	NA	d	un,dw?				qtz/co3 vein			72
Lost Canyon	USCO	Chaffee	51,200	3.490	NA	s,c	df	920				39-02-04N	106-20-15W	127,112
Lowe Placer	USCO	Clear Creek	3,900,000	0.890	NA	d?	dl							113
Lowell Hill	USCA	Nevada	16,000,000	0.390	NA	t	hy							28
Lower Beaver Creek	USCO	Park	664,850	0.570	NA	s,g	dd,hy,sc	828						111

TABLE 1

Name	Code	County/Quad	Cubic Meters	Au g/cm	Ag g/cm	Type	Method	Au Fine	Ag Fine	Source	Source Form	Lat	Long	Refs
Oroville	USCA	Butte	690,000,000	0.089	NA	p	dd							28,127
Pactolus	USCO	Gilpin	815,000	0.285	NA	s	dd	905		sch,gne,mon	vein,stock			111
Paddys Flat Diggings	AUNS	Narromine	69,000	7.000	NA	s	dd,df							14
Picuris	USNM	Taos	1,500	0.130	NA	s	un							73
Pine Nut Mountain	USNV	Carson City, Douglas	38,000	0.690	0.046	d	nm	935						20
Pioneer District	USMT	Powell	5,700,000	0.210	0.023	s	dd							92
Platina Lead (Pt Placer)	AUNS	Cunningham	57,000	1.600	NA	u	un							14
Plomosa	USAZ	Yuma	39,000	1.400	NA	d	dw			meta	vein			72
Porcupine	USAK	Wiseman Quad.	680	17.000	1.200	s	sc	927	63			67-15-00N	150-17-47W	88
Power Creek	USAK		500,000	0.130	NA	s	sc					54-46N	133-30W	5
Prickly Pear Creek	USMT	Jefferson	12,000,000	0.230	0.081	s	un							117
Punggi	SKOR	Kyongsang-pukdo	18,000	7.500	NA	b	u					36-54N	128-32E	51
Quartz Creek	CNYT		5,500,000	0.270	0.056	s,b	dd	758		sch,shear	vein	63-47N	139-06W	**5
Quijotoa	USAZ	Pima	500,000	0.930	NA	d	dw				vein			72
Quondong	AUNS	Monteagle	740	22.000	NA	s	df			sl	qtz vein			13
Ricardo Placer	USCA	Kern	190,000	0.410	NA	d	dw							124
Rio Asnazu	CLBA	Cauca	63,300,000	0.220	NA	s	dd							110
Rio Aten	BLVA		20,000,000	0.052	NA	s	nm(dd)							49
Rio Challana	BLVA		10,000,000	0.930	NA	s	nm(dd)							49
Rio Chimate	BLVA		9,000,000	0.260	NA	s	nm(dd)							49
Rio Madidi (upper reach)	BLVA		48,000,000	0.074	NA	s	nm(dd)							49
Rio Pukive	PERU		30,000,000	0.200	NA	s	nm							101
Rio Quiquibey (lower reach)	BLVA		30,000,000	0.032	NA	s	nm(dd)							49
Rio Tequeje (lower reach)	BLVA		30,000,000	0.070	NA	s	nm(dd)							49
Rio Tequeje (upper reach)	BLVA		7,000,000	0.060	NA	s	nm(dd)							49
Rio Tuichi (lower reach)	BLVA		110,000,000	0.028	NA	s	nm(dd)							49
Rio Tuichi (middle reach)	BLVA		120,000,000	0.092	NA	s	nm(dd)							49
Rio Tuichi (upper reach)	BLVA		90,000,000	0.340	NA	s	nm(dd)							49
Rio Unduno (lower reach)	BLVA		10,000,000	0.040	NA	s	nm(dd)							49
Rio Yolosano	BLVA		1,000,000	0.490	NA	s	nm(dd)							49
Rio Yuyo	BLVA		13,000,000	0.920	NA	s	nm(dd)							49
Rio Zongo	BLVA		5,000,000	0.063	NA	s	nm(dd)							49
Roscoe Placer	USCO	Jefferson, Clear Creek	848,500	0.709	NA	s	dd,dl							127,111
Ruby Creek	USAK	Tanana Quad.	290,000	0.670	NA	s	hy,df							88,30,61
Ruby Meadows	USID	Idaho	861,000	0.978	NA	g,r	hy			gr				23
Rye Creek - Jay Creek	USAK	Wiseman Quad.	81,000	2.100	0.032	s	sc,df	972			stib/qtz vein	67-24N	151-19W	39
San Domingo	USAZ	Maricopa	76,000	0.770	NA	d	dd							72
San Francisco	USAZ	Mohave	1,100	3.000	NA	d	dw			ig	qtz/co3 vein			72
San Guillermo Creek	USCA	Ventura	760	0.250	NA	s	un							59
San Juan Ridge District	USCA	Nevada	67,000,000	0.230	NA	t	hy							28,19
Sand Creek	USID	Idaho	58,830	0.466	NA	s,r	un			qtz mon				84
Sandy Creek	AUNS	Buccleuch	38,000	1.600	NA	s,t	sc,dd			gr				37
Schissler Creek	USID	Idaho	3,400,000	0.530	NA	s	un							84
Seven Mile Lead	AUNS	Monteagle	1,400	25.000	NA	s	df			sl	vein			13
Sheep Creek	USAK	Chandalar Quad.	1,000	2.600	NA	s	df					67-30N	149-48W	88,115
Simmons Placer	USID	Valley	940,000	0.064	NA	s	nm					45-05-00N	115-07-52W	127,24

TABLE 1

Name	Code	County/Quad	Cubic Meters	Au g/cm	Ag g/cm	Type	Method	Au Fine	Ag Fine	Source	Source Form	Lat	Long	Refs
Sinnamon Cut	USCA	Mono	715,000	0.995	NA	d?	un							127
Slate Creek	USAK	Tanana Quad.	22,000	7.300	0.690	s,b	df,sc	915			qtz vein			88,30,61
Snelling	USCA	Merced	150,000,000	0.115	NA	p	dd,hy							28,127
Snowstorm area	USCO	Park	1,630,000	0.489	NA	s,g	sc,dd,hy	822						111
Sol Wood	USCA	Sierra	12,000	0.085	NA	t	un							130
Songhwan	SKOR	Chonan-gun	954,000	0.280	0.640	s	dd	820				36-54-00N	127-07-25E	50
South Lead	AUNS	Ashburnham	498,000	19.500	NA	t	df				qtz vein	33-24S	148-01E	13
Spring Creek	USAK	Wiseman Quad.	14,600	5.730	NA	s	sc,df	935	40			67-31N	151-30W	88,115
Sterling Creek	USOR	Jackson	5,730,000	0.010	NA	s	hy,pg			grnst		42-13-47N	122-56-19W	15,127
Stratton Creek	USOR	Josephine	76,400	0.116	NA	u	un					42-33-22N	123-32-29W	127
Sullivan (Sn, Ag)	USAK	Tanana Quad.	58,000	31.000	6.500	s,b	hy	814	172					61,42
Sulphur - Gold Run	CNYT		43,000,000	0.350	0.081	s	dd	828		sch,shear	vein	63-40N	138-50W	**6
Sumpter Bar	USOR	Baker	46,300,000	0.200	0.049	s	dd			ig				15
Swan River	USCO	Summit	10,000,000	0.310	NA	s	dd			sh,por, qtz				111
T93-R77W Placer	USCO	Park	30,500	1.100	NA	s	un			glacial				111
Taeson	SKOR	Chonan-gun	2,270,000	0.240	NA	s	dd	840			vein	36-56-30N	127-08-00E	50
Tausoro alluvial proporty	SLMN	Guadalcanal Island	2,200,000	3.000	NA	s	nm							106
Taylor Creek	USAK	Taylor Mountain Quad.	78,000	1.000	NA	s	un			sed				42,17
Temora Gold Field	AUNS	Bland	69,000	46.000	NA	s,e	df			dio				48
Thistle Creek	CNYT		1,200,000	0.290	0.040	s	dd	871				63-05N	139-17W	35,36,94
Three L's Placer (Yokum)	USOR	Josephine	8,800,000	0.260	NA	s,b	sc					42-38-40N	123-30-22W	127
Thunder Gulch	CNYT		47,000	0.740	NA	s,g	op	808			vein	63-54N	135-15W	36
Tin Pot Lead	AUNS	Forbes	50	15.000	NA	t	df			acid volc	qtz vein	30-40S	148-15E	13
Trail Creek	USAK	Ruby Quad.	3,200	26.000	4.700	s	un	838	152					26,42
Tramway Bar	USAK	Wiseman Quad.	46,000	24.000	NA	b	sc	940				67-06N	150-30W	88
Treasure Creek	USAK	Livengood Quad.	44,000	17.000	1.600	s	df	907	86		vein			61,42
Triplett Gulch	USNV	Lander	91,700	0.522	0.053	d	dw			gdio,chert	vein			74
Tulameen (Pt)	CNBC		50,000	1.200	NA	s	un					49-30N	120-45W	22
Tuquesa	PANA	Darien	25,000,000	0.930	NA	o	nm							80
Turarana terrace alluvials	SLMN	Guadalcanal Island	3,000,000	4.500	NA	b	nm							106
Turarana terrace property	SLMN	Guadalcanal Island	1,000,000	3.000	NA	b	nm							106
Tuscarora	USNV	Elko	330,000	4.430	NA	s,b	un			volc	vein			74
Twelve Mile Creek	USAK	Wiseman Quad.	9,600	1.200	0.100	s,b	sc,hy	914				67-11N	150-27W	88,115
Upper Lavezzola Creek	USCA	Sierra	110,000	0.930	NA	b	nm							130
Upper and Lower Butcher Bars	USID	Idaho	22,900	0.631	NA	b	hy			sch				84
Valdez Creek	USAK	Talkeetna Mts. Quad.	16,000,000	0.970	NA	s,b	nm					147N	63-20W	30,125,100
Vallecito - Western Mine	USCA	Calaveras	50,000	11.700	1.300	t	df							3
Van Duzer	USNV	Elko	520,000	0.599	NA	d,s	sc,dd,hy			seds	vein			74
Vermilion River	USMT	Sanders	26,000	0.320	0.088	s	dd					47-52N	115-26W	34
Vermont Creek	USAK	Wiseman Quad.	980	7.500	0.490	s	sc,df,op	935				67-30-51N	150-05-44W	88,115
Vila Santa Maria Placers	BRZL	Amapa	190,000	1.000	NA	s	un			qtz,phyl	qtz vein	0-30N	52W	77
Wade Creek (lower)	USAK	Eagle Quad.	650,000	0.570	0.110	s	hy,df,dd	830	165		pyr/qtz vein	64-05N	141-35W	99
Wards Gulch	USID	Lemhi	3,000,000	0.493	NA	s,b	df,hy	680			vein	45-13-37N	114-06-35W	85
Welch Bar	USID	Bingham	444,000	0.640	NA	s	un	882				43-08-54N	112-27-26W	43,127
Welcome Lead	AUNS	Ashburnham	970	10.000	NA	t	df					33-11S	148-10E	13
Wellington	AUNS	Wellington,Bligh	24,000,000	0.260	NA	t	sc,dd				qtz reefs			91

TABLE 1

Name	Code	County/Quad	Cubic Meters	Au g/cm	Ag g/cm	Type	Method	Au Fine	Ag Fine	Source	Source Form	Lat	Long	Refs
Wheaton Creek	CNBC		6,000	25.000	3.600	s	sc	831	121	sl,sch	qtz vein	58-20N	129-00W	67
Whipoorwill-Rebate Placer	USCA	Sierra	100,000	0.200	NA	b	nm							130
Williams	USOR	Jackson	222,000	0.290	NA	s	hy					42-34-34N	123-11-46W	127
Willow Creek District	USNV	Pershing	133,000	1.230	NA	d	dl				qtz/co3 vein			74
Winchester - Houston	USOR	Jackson	465,000	0.490	NA	s	hy	860				42-23-10N	122-58-49W	127
Windmiser	USID	Idaho	917	0.908	NA	t,b	hy							84
Yongam	SKOR	kunje-gun	32,400	0.375	NA	u	un	930				35-49-48N	126-58-00E	50
You Bet District	USCA	Nevada	84,000,000	0.240	NA	t	hy,df							28

**1 54,95,96,2,29,6,7,8,9,10,11,12,12a,120,121,58,56,57,46,47,35,36
**2 35,36,121,58,133,134,129
**3 2,6,7,8,9,10,11,12,12a,29,35,36,46,47,56,57,58,54,96,95
**4 33,35,36,46,47,120,121,56,57,58
**5 2,9,10,11,12,35,54
**6 2,6,7,8,9,10,11,12,12a,29,35,36,46,47,54,56,57,58,96

LIST OF

BASIC DATA

NAME: American Creek

COUNTRY/STATE: USAK.
COUNTY/PROVINCE: Tanana quadrangle.
TNS: 3N. RNG: 18W.
COMPANY: American Creek Dredging Co., American Creek Mining Co.
METALS: Au; minor Cr.
GRADE(S): 5.3 g/m^3 Au.
SIZE: 410,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Discovered 1911; total reported production of at least 70,000 oz Au through 1940; dredging began in 1917 with a second dredge installed in 1927.
BEDROCK SOURCE: quartz-carbonate veins associated with east-trending shear zone.
OTHER GEOLOGY: Au is found in the lower 4 ft of gravels and the upper 2-3 ft of bedrock.
COMMENTS: Placer area is 5 miles long; nuggets as large as 20 oz have been found on Colorado Creek.
REFERENCES: Eberlein and others, 1977; Heiner and Wolff, 1968.

NAME: Big Creek

COUNTRY/STATE: USAK.
COUNTY/PROVINCE: Ruby quadrangle.
LAT: 64-40N. LONG: 155-29W.
TNS: 9S. RNG: 17E.
DISTRICT: Ruby.
METALS: Au, Sn.
GRADE(S): 5.7 g/m^3 Au.
SIZE: 25,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Size estimate is largely reserves; production occurred 1907-1940's.
BEDROCK SOURCE: quartz-tourmaline vein material.
OTHER GEOLOGY: Cox Pup Pay Streak thought to be 5000 ft long; placer is thought to be near the gold source.
COMMENTS: Area not suitable for drift mining due to lack of permafrost.
REFERENCES: Chapman and others, 1963; Eberlein and others, 1977.

NAME: Birch Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Ruby quadrangle. LAT: 64-30N.
LONG: 155-20W. DISTRICT: Ruby. METALS: Au, Sn; minor Ag.
GRADE(S): 8.5 g/m^3 Au, 1.5 g/m^3 Ag.
SIZE: 15,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): drift.
PRODUCTION HISTORY: Discovered in 1914; Sn was produced and stockpiled in 1942; gold production 1914-1936.
BEDROCK SOURCE: mineralization in granite contact zone and possibly veining in pyritic slate.
FINENESS: 850 (Au).
OTHER GEOLOGY: gravels contain minor bismuth.
COMMENTS: Placer area includes Straight Creek and Crooked Creek.
REFERENCES: Chapman and others, 1963.

NAME: California Creek Placer

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Chandalar quadrangle.
LAT: 67-28-08N. LONG: 149-27-44W.
TNS: 31N. RNG: 09W.
DISTRICT: Chandalar.
METALS: Au.
CONTAINED METAL: 6,900 g Au.
GRADE(S): 40 g/m^3 Au.
SIZE: 170 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: 1901-1909 produced $3,000 from 5.5 m shaft; gravels ran 33-38 g Au/m^3 (1938); one high channel ran 5 g Au/m^3; total production may have been as high as 6,890 g Au although only 4,500 g were reported.
BEDROCK SOURCE: unknown.
COMMENTS: Deposit covers 25.1 km^2 and includes Jim Gulch (also known as Jim Pup) and Wakeup Creek; *grade/volume estimates were determined using default estimation techniques for drift mining.
REFERENCES: Maddren, 1913; Reed, 1938; DeYoung, 1978; MRDS record A011001.
*see explanatory notes

NAME: Clara Gulch

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-18-24N. LONG: 150-08-23W.
TNS: 28N. RNG: 12W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 5.5 g/m^3 Au.

SIZE: 1,250 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: Gulch was placered 1900-1901 by 6 men and produced $3000 Au; total estimated production may have been as large as 6,890 g Au.
BEDROCK SOURCE: unknown.
COMMENTS: Placer area is 3 miles long.
REFERENCES: Maddren, 1913.

NAME: Cleary Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Livengood quadrangle.
TNS: 3N. RNG: 1E, 2E. DISTRICT: Fairbanks.
COMPANY: Chatham Gold Dredge Co.
METALS: Au, Ag; minor W, Sb, Sn.
GRADE(S): 14 g/m^3 Au, 2.5 g/m^3 Ag.
SIZE: 2,900,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift, (dredging).
PRODUCTION HISTORY: Average value of drift-mined gravels was $10/sq yd in 1906 with a Au value of $17.06/oz; production from the drift mines totaled 1,129,650 oz Au; total value of Au mined to 1921 was $23,100,000; the area was dredged in 1925-41 and 1946-63, but no production figures were reported, although likely; size and grade represent drift mining only.
BEDROCK SOURCE: gold lodes between Pedro Dome and Wolf Creek.
FINENESS: 825 (Au).
OTHER GEOLOGY: Gravels averaged 5 ft thick; dredge concentrates also contain stibnite, scheelite, and cassiterite in subeconomic quantities.
COMMENTS: State map coordinates-- 18.2-19.05, 6.4-6.6; gold fineness was calculated from its value; the silver grade was approximated from the gold fineness.
REFERENCES: Heiner and Wolff, 1968.

NAME: Coal Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Charley River quadrangle.
TNS: 5N, 6N. RNG: 20E.
COMPANY: Adamic; Coal Creek Hydraulic Mining Association; others.
METALS: Au, minor Ag.
GRADE(S): 0.38 g/m^3 Au, 0.041 g/m^3 Ag. SIZE: 810,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Placers discovered by 1902; about 10,000 oz Au have been produced.
BEDROCK SOURCE: Tertiary conglomerates.
FINENESS: 897 (Au), 96 (Ag).

OTHER GEOLOGY: Monazite is present.
COMMENTS: Placer area is 2 miles long and 400-800 ft wide; Ag grade was calculated from silver fineness.
REFERENCES: Eberlein and others, 1977; Heiner and Wolff, 1968.

NAME: Crow Creek Placer

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Anchorage quadrangle.
LAT: 61N. LONG: 149W.
TNS: 11N. RNG: 2E.
METALS: Au.
GRADE(S): 1.1 g/m^3 Au.
SIZE: 1,200,000 m^3.
PLACER TYPE(S): stream, bench, glacial-fluvial, eluvial.
MINING METHOD(S): sluice, hydraulic, hand methods.
PRODUCTION HISTORY: Placer area was discovered in 1896 and early work using hand methods produced 600-4,400 oz Au/yr; recent grade estimated at 0.015-0.04 oz Au/cy.
BEDROCK SOURCE: Au-bearing quartz veins and interglacial bench deposits.
OTHER GEOLOGY: Bench gravels had a lower grade than other gravels worked in area; gravels are coarse and poorly sorted and contain boulders and clay; Au is in blue or yellow clays near false bedrock.
COMMENTS: Most production was from bench gravels; nuggets as large as 0.78-1.5 g, but more commonly 0.31 g.
REFERENCES: Hoekzema, 1984; Winkler and others, 1984.

NAME: Dalton Gulch

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 3N. RNG: 16W.
METALS: Au, Sn.
GRADE(S): 8.9 g/m^3 Au.
SIZE: 1600 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Placers discovered in 1910; by 1956, 466 oz Au and 3,000 lbs SnO_2 had been produced.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels run about 850 g/m^3 SnO_2 and are usually 2-4 ft thick.
REFERENCES: Eberlein and others, 1977; Heiner and Wolff, 1968.

NAME: Deadwood Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Circle quadrangle.
TNS: 7N, 8N. RNG: 13E, 14E.
COMPANY: Deadwood Mining Co.; Discovery Gulch Co.; others.
METALS: Au; minor Ag, Sn, W.
CONTAINED METAL: 3,310,000 g Au.
GRADE(S): 2.3 g/m^3 Au, 0.59 g/m^3 Ag.
SIZE: 1,440,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): dredge, hydraulic, dragline.
PRODUCTION HISTORY: Placers were discovered in 1894; total production has been estimated to be "tens of thousands of ounces" and reported total production to be over 3,000,000 oz Au; reported total production through 1903 was 72,570 oz Au; production of 33,850 oz Au was reported for 1894-1906; area was dredged 1937-38; recent production (1985) reported from Switch Creek, 16 Pup, and Discovery Gulch among others.
BEDROCK SOURCE: unknown.
FINENESS: 796 (Au), 198 (Ag).
OTHER GEOLOGY: gravels contain recoverable cassiterite and wolframite; gravels also contain scheelite, cinnabar, arsenopyrite, galena, pyrite, tourmaline, and garnet; Au is flaky in the stream gravels and rough and lumpy in the bench gravels.
COMMENTS: Placer area is 9 miles long; nuggets to 6 oz in size.
REFERENCES: Eberlein and others, 1977.

NAME: Deep Creek - Woodchopper Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 3N. RNG: 17W.
COMPANY: Deep Creek Mining Co.; Strandberg Mines Inc.; others.
METALS: Au, Sn; minor Ag.
GRADE(S): 17 g/m^3 Au, 1.9 g/m^3 Ag.
SIZE: 64,500 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: By 1956, 7,684 oz Au, 653 oz Ag, and 64,200 lbs SnO_2 had been produced from Deep Creek and 28,500 oz Au, 3,402 oz Ag, and 40,300 lbs SnO_2 had been produced from Woodchopper Creek; tailings along both creeks contain reserves of about 1.6 lbs Sn/cy and 0.022 oz Au/cy (USGS, 1941).
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: In Deep Creek, the Au is mainly found in the lower 2 ft of 6 ft of gravels and the top 1 ft of bedrock; stream concentrates contain cassiterite, ilmenite, picotite, zircon, monazite, chromite, rutile, scheelite, columbite, aeschynite, and ellsworthite as well as phyllite, quartzite, sandstone, and greywacke clasts; gravels on Woodchopper Creek are locally derived.
REFERENCES: Eberlein and others, 1977; Heiner and Wolff, 1968.

NAME: Eagle Cliff

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Bettles quadrangle.
LAT: 66-59N. LONG: 150-33W.
TNS: 14W. RNG: 25N.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 7.3 g/m^3 Au.
SIZE: 800 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): sluicing (?), hand methods (?).
PRODUCTION HISTORY: $500 Au was produced in 1900; in 1910, 4 or 5 men produced $1,500 Au or about 72 oz Au; reported Au is 3,800 g, but total Au produced may have been as much as 5,800 g.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Benches are 10-12 ft above the river and contain coarse gold; gravels are well-washed.
REFERENCES: Maddren, 1913.

NAME: Eagle Creek - Mastodon Fork

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Circle quadrangle.
TNS: 7N. RNG: 11E.
COMPANY: Berry Holding Co.; Mastodon Mining Co.; others.
METALS: Au; minor Ag.
GRADE(S): 1.2 g/m^3 Au, 0.16 g/m^3 Ag.
SIZE: 760,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Placer area discovered in 1895; 29,000 oz Au were produced by 1906; recent production (1985).
BEDROCK SOURCE: unknown.
FINENESS: 833 (Au), 108 (Ag)
OTHER GEOLOGY: gravels are 5-20 ft thick and overlain with 2-15 ft of muck; the gold is in the gravel and upper part of the bedrock.
REFERENCES: Eberlein and others, 1977; Heiner and Wolff, 1968.

NAME: Engineer Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Fairbanks quadrangle.
TNS: 1N. RNG: 1E, 1W.
METALS: Au.
GRADE(S): 25 g/m^3 Au.
SIZE: 110,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift, dredge.

PRODUCTION HISTORY: Approximately $9,000,000 Au was produced 1907-1910; in 1955, approximately 2.5 miles of creek were dredged; drift mine ground was valued at $17/sq ft (1976 prices, Au at $104.70/oz).
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gold found in the lower 4-7 ft of gravel; pay streak was 30-100 ft wide.
COMMENTS: Creek is reported to be mined out.
REFERENCES: Eberlein and others, 1977.

NAME: Garnet Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Chandalar quadrangle.
LAT: 67-32-54N. LONG: 149-22-44W.
TNS: 32N. RNG: 8W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 16 g/m^3 Au.
SIZE: 140 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice(?).
PRODUCTION HISTORY: Produced $7-$9 per day per man; about $1000 total Au produced; 1,500 g Au were reported produced, but reestimation suggests that the total may have been as much as 2300 g Au.
BEDROCK SOURCE: unknown.
REFERENCES: Maddren, 1913.

NAME: Glacier Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Ruby quadrangle.
LAT: 64-41N. LONG: 155-29W.
DISTRICT: Ruby.
METALS: Au, Sn.
GRADE(S): 2.8 g/m^3 Au.
SIZE: 18,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
BEDROCK SOURCE: quartz-tourmaline vein.
OTHER GEOLOGY: SnO_2 grade is unknown; pay streak is 10 ft wide and 2-3 ft thick; bismuth found at head of stream.
REFERENCES: Chapman and others, 1963; Eberlein and others, 1977.

NAME: Glen Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 7N. RNG: 13W.
COMPANY: Beardsley, Belseat and Dillon; Eagle Mining Co.; others.
METALS: Au, Sn(?).
GRADE(S): 2.5 g/m^3 Au.
SIZE: 600,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift, open cut.
PRODUCTION HISTORY: discovered 1901; over 48,000 oz Au produced by 1931; gravels were valued at $1.43/sq ft.
BEDROCK SOURCE: gold thought to be reconcentrated from lower grade bench deposits.
FINENESS: 774 (Au).
OTHER GEOLOGY: gravels derived from local slate and quartzite with quartz veinlets.
COMMENTS: Occasionally, gold nuggets over 4 oz were found.
REFERENCES: Eberlein and others, 1977; Heiner and Wolff, 1968; Purington, 1905.

NAME: Gold Bench

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Bettles quadrangle.
LAT: 66-58-48N. LONG: 150-38-23W.
TNS: 25N. RNG: 14W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 14 g/m^3 Au.
SIZE: 24,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): drift, sluice, rocker.
PRODUCTION HISTORY: $125,000 Au was reported produced 1900-1904; in 1910, 4 or 5 men produced $1,500 Au; reported Au value equals 220,000 g Au, but reestimation of total production suggests as many as 337,000 g Au were produced.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Placer claims are on false bedrock; gold is fine and flaky; gravel contains schist and quartz pebbles as well as some flint; the best gravel is 18-24 inches deep and is found over an area of 60 acres; gravels are well-washed.
REFERENCES: Maddren, 1913.

NAME: Gold Creek - Linda Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Chandalar quadrangle.
LAT: Gold Creek 67-32N, Linda Creek 67-34N.
LONG: Gold and Linda Creeks 149-37W.
TNS: 32N. RNG: 10W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 11 g/m^3 Au.
SIZE: 49,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: Placers discovered in 1910; some works gave $12 per day to the man; total Au reported produced 1900-1909 valued at $232,200 from Gold Creek and $20,000 from Linda Creek; reported Au equals 350,000 g, but reestimation of total production suggests that as many as 337,000 g Au may have been produced.
BEDROCK SOURCE: unknown.
FINENESS: 945 (Au).
REFERENCES: Maddren, 1913.

NAME: Goldstream Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Fairbanks quadrangle.
TNS: 1N, 2N. RNG: 1E, 1W.
METALS: Au, minor Sn, W.
GRADE(S): 6.9 g/m^3 Au.
SIZE: 900,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift, open cut, dredging.
PRODUCTION HISTORY: Estimated total of 200,000 oz Au was produced; area was mined by drift and open cut 1903-25 followed by dredging in 1928-42 and 1955-58.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: ground was 30-200 ft deep; best gravels were 6 ft thick, 225 ft wide and yielded about 1.5 g/sq ft.
REFERENCES: Eberlein and others, 1977.

NAME: Grubstake Bar

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Bettles quadrangle.
LAT: 66-59N. LONG: 150-30W.
TNS: 25N. RNG: 13W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 11 g/m^3 Au.

SIZE: 830 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): sluice (?), rocker (?).
PRODUCTION HISTORY: In 1900-1901, 2 men produced $2,000 Au using a sluice; total reported Au was 6,000 g; reestimation of total production suggests as much as 9,200 g Au were produced.
BEDROCK SOURCE: unknown.
COMMENTS: Location is on northwest bank of the south fork of Davis Creek.
REFERENCES: Maddren, 1913.

NAME: Hammond River

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-30N. LONG: 150-03W.
TNS: 31N. RNG: 11W.
DISTRICT: Koyukuk.
METALS: Au; minor Ag.
GRADE(S): 5.1 g/m^3 Au, 0.32 g/m^3 Ag.
SIZE: 210,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): drift, sluice (?).
PRODUCTION HISTORY: Buckeye Gulch produced $6-$10 per day per man (daily wage scale of the district); Marshall suggested that the Hammond River valley produced $1 million (1.18 mt) Au; Goldbottom Gulch produced between $5,000-$6,000 Au; gold from river is coarse; Reed reported average ground assay of $.12-$.70/ft^2 to $1.46/bedrock ft; 1,200,000 g total Au production reported, but total production may have been as large as 1,840,000 g Au.
BEDROCK SOURCE: unknown.
FINENESS: 890, 961, and 936 (Au).
OTHER GEOLOGY: Au in Swift Gulch was white-coated; gravels average 9 ft thick; Au found directly on bedrock.
COMMENTS: Ag grade was calculated from fineness; placer area includes Goldbottom, Swift, and Buckeye Gulches; a 19 oz nugget was found in Goldbottom Gulch.
REFERENCES: Maddren, 1913; Marshall, 1933; Reed, 1938.

NAME: Hoosier Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 7N. RNG. 12E.
DISTRICT: Rampart.
METALS: Au; minor Hg, W, Cu.
GRADE(S): 0.42 g/m^3 Au, 0.024 g/m^3 Ag.
SIZE: 180,000 m^3.
PLACER TYPE(S): stream.

MINING METHOD(S): drift, hydraulic.
PRODUCTION HISTORY: Claims 13 and 14 are estimated to have produced $50,000 Au; placers were discovered in 1898; total production was 2,400 oz Au by 1931.
BEDROCK SOURCE: quartz veins in Permian to Triassic greenstone.
FINENESS: 941 (Au), 53 (Ag).
OTHER GEOLOGY: Au was coarse; concentrate also contained hematite, magnetite, ilmenite, barite, pyrite, garnet, picotite, scheelite, zircon, native copper, galena, and minor cinnabar.
COMMENTS: Sheet coordinates are 21.05-21.95, 8.15-8.4.
REFERENCES: Mertie, 1934; Cobb, 1973; Heiner and Wolff, 1968; Eberlein and others, 1977.

NAME: Hunter-Dawson Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 8N. RNG: 12W.
METALS: Au.
GRADE(S): 2.6 g/m^3 Au.
SIZE: 250,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): hydraulic, drift.
PRODUCTION HISTORY: A hydraulic plant was operated in 1904; placers were discovered in 1896; early Au fineness was reported as $20/oz; placers were drift mined during the winter months.
BEDROCK SOURCE: shear zone with sulfide minerals and quartz-calcite veins in unidentified bedrock.
FINENESS: 919 (Au).
OTHER GEOLOGY: gravels are well-rounded and composed of slate, chert, quartzite, and quartzitic schist clasts; gravels are 2-12 ft thick; Au is found in the lower 3 ft of gravel and upper 4 ft of bedrock.
COMMENTS: Sheet coordinates are 21.2-21.85, 8.95; Au nuggets to 10 oz in size.
REFERENCES: Mertie, 1934; Cobb, 1973; Eberlein and others, 1977.

NAME: Iron Side

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Bettles quadrangle.
LAT: 66-59N. LONG: 150-34W.
TNS: 25N. RNG: 14W.
METALS: Au.
GRADE(S): 22 g/m^3 Au.
SIZE: 210 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): sluice (?).

PRODUCTION HISTORY: The total value of Au produced 1900-1909 was $2,000, 2 men worked the placer with a sluice in 1900-1901; reported Au production was 3,000 g; reestimation of total Au production suggests as much as 4,600 g may have been produced.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Placers are on false bedrock.
REFERENCES: Maddren, 1913.

NAME: Kenair Placer

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Seward quadrangle.
LAT: 60-29-17N. LONG: 149-51-56W.
METALS: Au.
GRADE(S): 10.4 g/m^3 Au.
SIZE: 3,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 1,000 oz Au were produced 1900-1959.
BEDROCK SOURCE: unknown.
REFERENCES: MRDS record A010617; Cobb and Tysdal, 1980; Tysdal, 1978.

NAME: Little Miller Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Eagle quadrangle.
LAT: 64-25N. LONG: 141-08W.
METALS: Au; minor Ag.
GRADE(S): 0.28 g/m^3 Au, 0.034 g/m^3 Ag.
SIZE: 98,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: A yield of $27,000 Au was reported.
BEDROCK SOURCE: unknown.
FINENESS: 885 (Au), 107 (Ag).
REFERENCES: Mertie, 1938.

NAME: Little Minook Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 7N. RNG: 12W.
DISTRICT: Rampart.
COMPANY: Antonsen; Hawk; McLean; Wells; Martin Ott; Weisner.
METALS: Au, minor Ag.
GRADE(S): 13 g/m^3 Au, 1.1 g/m^3 Ag.
SIZE: 120,000 m^3.

PLACER TYPE(S): stream.
MINING METHOD(S): drift, ground sluice.
PRODUCTION HISTORY: discovered 1893; mining began 1896; Au payed at $19.00/oz; total production of $1,000,000 Au; total production was 65,000 oz; largest producer in the district.
BEDROCK SOURCE: bench.
FINENESS: 917-920.5 (Au), 75 (Ag).
OTHER GEOLOGY: gravels are 5-12 ft thick with Au at the base of the gravels and in the upper 1-2 ft of bedrock; Au is coarse, smooth, and flattened, but not flaky; concentrates also contain native copper, native silver, hematite, barite, pyrite, galena, chromite, ilmenite, magnetite, argentite, tetrahedrite, picotite, scheelite, cinnabar (?), garnet, zircon, and sphene.
COMMENTS: Pay streak is 100-125 ft wide, about 2 yds thick and extends about 1.2 miles downstream; sheet coordinates are 21.25-21.8; one nugget was 17.5 oz (544 g).
REFERENCES: Cobb, 1973; Mertie, 1934; Heiner and Wolff, 1968; Eberlein and others, 1977.

NAME: Little Minook Junior Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 7N. RNG: 12W.
DISTRICT: Rampart.
COMPANY: Antonsen; Hawk; Wells, Martin Ott; Weisner.
METALS: Au, minor Ag, Pb, Ba.
GRADE(S): 13 g/m^3 Au, 1.1 g/m^3 Ag.
SIZE: 11,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): drift, ground sluice.
PRODUCTION HISTORY: Placers discovered about 1898; total production thought not to exceed 14,325 oz which were largely placered from the modern stream gravels.
BEDROCK SOURCE: older gravels.
FINENESS: 917-920.5 (Au), 75-80 (Ag).
OTHER GEOLOGY: Pyrite, hematite, ilmenite, barite, magnetite, and galena are present in the sediments; bench gravels may be Pliocene in age; gravels are locally derived and 4-5 ft thick; Au is in the upper 1.5 ft of bedrock; Au is flattened and rounded, but not flaky with an average diameter less than 0.1 inches.
COMMENTS: Quadrangle coordinates are 21.1-21.45, 8.45-8.5; largest nuggets about 10 oz in size.
REFERENCES: Mertie, 1934; Cobb, 1973; Heiner and Wolff, 1968; Eberlein and others, 1977.

NAME: Lake Creek Placer

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-29N. LONG: 151-30W.
TNS: 31N. RNG: 18W.
DISTRICT: Koyukuk.
METALS: Au; minor Sb, Bi, Cu, W.
CONTAINED METAL: 60,000 g Au.
GRADE(S): 32.9 g/m^3 Au.
SIZE: 1,800 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice (?), drift.
PRODUCTION HISTORY: $2,000 Au was produced 1903-04; production to 1937 was valued at $26,000; total recorded production was 39,000 g Au; reestimation of total production suggests that as much as 59,700 g Au were produced.
BEDROCK SOURCE: numerous quartz veins in greenstone schist within the basin.
OTHER GEOLOGY: Gravels contain stibnite, scheelite, native copper, bismuth, hematite, pyrite, and magnetite; gravels are 3 ft deep in channel.
COMMENTS: Basin area is 7.21 km^2; nuggets 4.4 - 7.3 oz in size.
REFERENCES: Maddren, 1913; Dillon, 1982; Reed, 1938.

NAME: Livengood

COUNTRY/STATE: USAK.
METALS: Au.
GRADE(S): 1.44 g/m^3 Au.
SIZE: 30,000,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Grade was reported as $12 Au/yd which was converted to g/m^3 using a Au price of $340/oz.
BEDROCK SOURCE: unknown.
REFERENCES: Eakins, 1981.

NAME: Mammoth Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Circle quadrangle.
TNS: 8N. RNG: 12E, 13E. SECTION:
METALS: Au; minor Ag.
GRADE(S): 1.9 g/m^3 Au, 0.48 g/m^3 Ag.
SIZE: 4,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): hydraulic, dredge.

PRODUCTION HISTORY: A total production of 100,000 oz Au was estimated through 1906; another report indicates 150,000 oz Au were produced 1894-1926; area was hydraulicked before 1915 and worked by dredge 1915-16 and 1936-40; recent production (1985).
BEDROCK SOURCE: quartz veins in unidentified bedrock.
FINENESS: 787 (Au), 201 (Ag).
OTHER GEOLOGY: gravels 12 ft thick.
COMMENTS: Includes Independence, Mastodon, and Miller Creeks.
REFERENCES: Eberlein and others, 1977; Cobb, 1973.

NAME: Mascot Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-30N. LONG: 150-30W.
TNS: 31N. RNG: 13W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 13 g/m^3 Au.
SIZE: 27,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): "shovelling".
PRODUCTION HISTORY: Ground values varied from $1.25 Au/sq ft to $6.94 Au/sq ft (1938); total recorded Au production is 230,000 oz; reestimation of total Au production suggests as much as 350,000 oz were produced.
BEDROCK SOURCE: unknown.
FINENESS: 965 (Au).
OTHER GEOLOGY: Some production from an old channel 30 ft above the creek; stream gravels are thin (3 ft or less); gravels are water worn with few boulders; Au is 10% fine, 90% coarse concentrated on bedrock.
COMMENTS: nuggets valued at up to $100 (1938: 4.8 oz).
REFERENCES: Dillon, 1982; Reed, 1938.

NAME: Mason Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Melozitna quadrangle.
LAT: 55-10N. LONG: 155-30W.
TNS: 3S. RNG: 28E.
METALS: Au, Sn.
GRADE(S): 1.6 g/m^3 Au.
SIZE: 14,000 m^3.
PLACER TYPE(S): stream, bench (?).
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: 2,000 lbs SnO_2 were produced from 4,000 cy gravel in 1918; area first mined in 1908; hydraulic mining began in 1917; intermittent activity 1908-1932.

BEDROCK SOURCE: unknown.
FINENESS: 900 (Au).
OTHER GEOLOGY: Au was the size of "bird shot"; gravels 12-30 ft thick with Au in the lower inches of gravel and upper few feet of bedrock.
REFERENCES: Chapman and others, 1963.

NAME: Midnight Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Ruby quadrangle.
TNS: 13S. RNG: 17E.
DISTRICT: Ruby.
METALS: Au, Sn; minor Ag.
GRADE(S): 1.3 g/m^3 Au.
SIZE: 88,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Placering for SnO_2 was first reported in 1912; 3,660 oz Au were produced 1940-1942; creek was mined intermittently from 1911 to 1949.
BEDROCK SOURCE: local quartz veins in schist or lodes in and around granite in headwater area.
FINENESS: 883-886 (Au).
OTHER GEOLOGY: Au is fine and flaky; minor scheelite is present.
COMMENTS: Au nuggets to 1.25 oz in size.
REFERENCES: Chapman and others, 1963; Eberlein and others, 1977.

NAME: Mineral Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Charley River quadrangle.
TNS: 5N. RNG: 21E.
METALS: Au.
GRADE(S): 0.77 g/m^3 Au.
SIZE: 35,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Area was staked in 1898; 870 oz Au were produced through 1906.
BEDROCK SOURCE: unknown.
FINENESS: 923-934 (Au).
OTHER GEOLOGY: Au is coarse; Au found in the lowest bench as gravels 2-5 ft thick; gravels made up of local, well-rounded chert and quartz; pay streaks 1.5-4 ft thick.
COMMENTS: Placer area is about 2 miles long; Mineral Creek is a tributary to Woodchopper Creek; nuggets to 1.5 oz (47 g) in size.
REFERENCES: Eberlein and others, 1977.

NAME: Minnie Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-25N. LONG: 150-00W.
TNS: 30N. RNG: 11W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 5.5 g/m^3 Au.
SIZE: 420 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, drift.
PRODUCTION HISTORY: $400 Au was produced in 1906; out of a total of $1,000 Au produced by 2 men, $500 Au was from drift mining; total recorded production of 1,500 oz Au; reestimation of total Au production suggests that as many as 2,300 oz Au may have been produced.
BEDROCK SOURCE: unknown.
REFERENCES: Maddren, 1913.

NAME: Minook Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 6N, 7N. RNG: 13W.
DISTRICT: Rampart.
METALS: Au.
GRADE(S): 2.1 g/m^3 Au.
SIZE: 24,000 m^3.
PLACER TYPE(S): bench, stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: A value of $3/sq yd was reported; most production from bench gravels.
BEDROCK SOURCE: local Paleozoic slate-limestone-quartzite or Permian to Triassic tuff and shale.
OTHER GEOLOGY: four benches, all with Au.
COMMENTS: Sheet coordinates are 20.1-21.05, 7.0-8.95; placers extend about 3 miles along the creek; nuggets to 4.3 oz in size.
REFERENCES: Cobb, 1973; Mertie, 1934; Heiner and Wolff, 1968; Eberlein and others, 1977.

NAME: Morelock Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
LAT: 65-15N. LONG: 151-15W.
METALS: Au, Sn.
GRADE(S): 3.6 g/m^3 Au.
SIZE: 150,000 m^3.
PLACER TYPE(S): stream.

MINING METHOD(S): hand methods (probably sluice, panning).
PRODUCTION HISTORY: 0 to 0.359 oz Au/sq yd of bedrock.
BEDROCK SOURCE: unknown.
FINENESS: 920 (Au).
OTHER GEOLOGY: Au is 0.08 - 0.4 inches in diameter; Au occurs in the lower few inches of gravel and upper inches of irregular bedrock surface.
COMMENTS: nuggets to 1.25 oz in size.
REFERENCES: Eberlein and others, 1977; Chapman and others, 1963.

NAME: Mud Creek Placer

COUNTRY/STATE: USAK.
TNS: 6N, 7N. RNG: 16W.
DISTRICT: Fairhaven.
COMPANY: Noranda.
METALS: Au.
GRADE(S): 0.15 g/m^3 Au.
SIZE: 4,600,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Production of 1 M cy/yr began in the first half of 1981; 2,112 oz Au were recovered through October, 1981; indicated reserves are 5 M cy at 0.004 oz Au/cy (drilling, 1983).
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: deep, meandering bench, old strand lines and ancient sand bars.
COMMENTS: Placer is located 3.5 mi west of Candle.
REFERENCES: Worobec, 1982; Bundtzen and others, 1984.

NAME: Mule Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Chandalar quadrangle.
LAT: 67-37N. LONG: 149-20W.
TNS: 32N. RNG: 8W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 2.3 g/m^3 Au.
SIZE: 19 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): panning (?), sluice (?), drift.
PRODUCTION HISTORY: $80 Au was reported recovered in 60 hours; total recorded production is 1,500 g Au; reestimation of total production suggests that 2,300 g Au may have been produced.
BEDROCK SOURCE: unknown.

OTHER GEOLOGY: Gravel is 8 ft deep; native Cu and Ag are present in gravels.
COMMENTS: nuggets of copper to 7 lbs in size.
REFERENCES: Maddren, 1913.

NAME: Myrtle Creek and Slate Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman and Chandalar quadrangles.
LAT: 67-15N. LONG: 150-00W.
TNS: 28N. RNG: 11E, 12E.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 20 g/m^3 Au, 1.2 g/m^3 Ag.
SIZE: 21,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: discovered 1899; $182,000 Au was produced 1900-1909; an average of $5-$15 per day per man was recovered; placers on Slate Creek produced $3,000 Au; total reported production of 270,000 g Au; reestimation of total production suggests that as much as 413,000 g Au may have been produced.
BEDROCK SOURCE: unknown.
FINENESS: 870-953 (Au, average = 935, 1933-35), 40-76 (Ag, average = 55, 1933-35).
OTHER GEOLOGY: Best gravels were 2-4 ft thick; gravels clean and slabby; Au coarse (wheat seed or shot size) and concentrated in bottom of gravels.
COMMENTS: nuggets to 1 oz in size.
REFERENCES: Maddren, 1913.

NAME: Nolan Creek Placers

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-30N. LONG: 150-10W.
TNS: 31N. RNG: 12W.
DISTRICT: Koyukuk.
METALS: Au; minor Ag.
GRADE(S): 12 g/m^3 Au.
SIZE: 146,000 m^3.
PLACER TYPE(S): stream, bench, buried.
MINING METHOD(S): drift.
PRODUCTION HISTORY: Most production from buried placers; Reed reported $1.15-$15 Au/sq ft; total reported production of 2,000,000 g Au; reestimation of total production suggests that as much as 3,060,000 g Au may have been produced.
BEDROCK SOURCE: stibnite veins in unidentified host.
FINENESS: 850 (Au, deep channel); 950 and 953-962 (Au, bench).

OTHER GEOLOGY: Best ore was in buried placers; Au in deep channel was coarse and rounded and nuggets were rare.
COMMENTS: The stream basin area covers 6.25 km^2.
REFERENCES: Maddren, 1913; Reed, 1938.

NAME: Nome (Second Beach)

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Seward Peninsula.
LAT: 64-30N. LONG: 165W.
DISTRICT: Kougarok.
METALS: Au.
GRADE(S): 0.14 g/m^3 Au.
SIZE: 700,000,000 m^3.
PLACER TYPE(S): beach.
MINING METHOD(S): not known.
PRODUCTION HISTORY: Size consists of reserves only; unclear if property has been previously worked.
COMMENTS: deposit covers 40 acres.
REFERENCES: Eakins, 1981.

NAME: Porcupine Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-15-00N. LONG: 150-17-47W.
TNS: 28N. RNG: 12W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 17 g/m^3 Au, 1.2 g/m^3 Ag.
SIZE: 680 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, panning.
PRODUCTION HISTORY: In 1901, 4 men produced $8 Au per man per day; total reported production of 7,500 g Au; reestimation of total production suggests that as much as 11,500 g Au may have been produced.
BEDROCK SOURCE: unknown.
FINENESS: 910 - 931 (Au, average = 927, 1933-34), 40 - 79 (Ag, average = 63, 1933-34).
OTHER GEOLOGY: Gravels up to 130 ft deep contain many boulders.
REFERENCES: Maddren, 1913.

NAME: Powers

COUNTRY/STATE: USAK.
LAT: 54-46N. LONG: 133-30W.

METALS: Au.
GRADE(S): 0.13 g/m^3 Au.
SIZE: 500,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Placers discovered in 1869 and worked 1870-1871; in 1911, gravels ran 0.0031 oz Au/cy.
BEDROCK SOURCE: Sumdum lode.
OTHER GEOLOGY: Gravels also contain pyrrhotite and chalcopyrite.
REFERENCES: Berg and others, 1981.

NAME: Ruby Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
DISTRICT: Rampart.
METALS: Au; minor Ag, Ba, Bi.
GRADE(S): 0.67 g/m^3 Au.
SIZE: 290,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): hydraulic, open cut, drift.
PRODUCTION HISTORY: Placer values are estimated at 7,800 oz Au/mile in the Rampart District; hydraulic mining reported in 1905, but placers mined primarily with open cut and drifting.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Garnets are common; concentrates contain native bismuth, garnet, and barite; Au is flat and rough.
COMMENTS: Quadrangle coordinates are 20.4-20.85, 7.45-7.7; nuggets up to 0.75 inches in diameter; native Ag and Au nuggets up to 2 oz in size (largest was 8.5 oz).
REFERENCES: Mertie, 1934; Cobb, 1973; Heiner and Wolff, 1968.

NAME: Rye Creek - Jay Creek Placers

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-24N. LONG: 151-19W.
TNS: 30N. RNG: 17W.
DISTRICT: Koyukuk.
METALS: Au, minor Ag.
GRADE(S): 2.1 g/m^3 Au, 0.032 g/m^3 Ag.
SIZE: 81,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, drift, booming.
PRODUCTION HISTORY: Placers were discovered on Jay Creek in 1904 and mining began in 1912; 1,000 oz Au were produced from Jay Creek by 1935; Rye Creek produced $55,000 Au by 1937; total recorded production of 110,000 g Au; reestimation of total production suggest that as much as 170,000 g Au may have been produced.

BEDROCK SOURCE: stibnite and quartz veins in unidentified host within drainage basin.
FINENESS: 971, 974 (Au); 15 (Ag).
OTHER GEOLOGY: Au is coarse, unworn, and dark in color; concentrates contain ilmenite, andalusite, kyanite, pyrite, zircon, chalcopyrite, monazite, galena, sphalerite, and scheelite; gravels are very coarse and subangular with Au found throughout the gravels and in the top ft of bedrock.
COMMENTS: Rye Creek produced only below junction with Jay Creek; stream basin area is 8.45 km^2.
REFERENCES: Dillon, 1982.

NAME: Sheep Creek Placer

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Chandalar quadrangle.
LAT: 67-30N. LONG: 149-48W.
TNS: 31N. RNG: 10W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 2.6 g/m^3 Au.
SIZE: 1,000 m^3.
PLACER TYPE(S): stream, buried.
MINING METHOD(S): drift, booming.
PRODUCTION HISTORY: Reed estimated Au at $.50/sq ft; placers were drift mined 1935-36 and boomed 1936; total reported production of 3,000 g Au; reestimation of total production suggests as much as 4,600 g Au may have been produced.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Au is coarse and water-worn.
COMMENTS: Ag grade was calculated from fineness; stream basin area is 9.29 km^2.
REFERENCES: Maddren, 1913; Reed, 1938.

NAME: Slate Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 6N. RNG: 13W.
DISTRICT: Rampart.
METALS: Au; minor Ag, Cu.
GRADE(S): 7.3 g/m^3 Au, 0.69 g/m^3 Ag.
SIZE: 22,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): drift, ground sluice.
PRODUCTION HISTORY: Placer values are estimated at 7800 oz Au/mile in the Rampart District.
BEDROCK SOURCE: quartz veins in unidentified host.
FINENESS: 915 (Au).

OTHER GEOLOGY: Pay streak is 50 ft wide; lower 3 ft of gravels and upper 1.5 ft of bedrock are productive; gravels are composed of local lithologies and are well-worn; Au is rough and coarse; concentrate contains native Cu, native Ag and abundant barite.
COMMENTS: Slate Creek is a tributary to Minook Creek; nuggets to 5 oz in size.
REFERENCES: Mertie, 1934; Cobb, 1973; Heiner and Wolff, 1968.

NAME: Spring Creek Placer

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-31N. LONG: 151-30W.
TNS: 31N. RNG: 18W.
DISTRICT: Koyukuk.
METALS: Au.
CONTAINED METAL: 137,000 g Au.
GRADE(S): 5.73 g/m^3 Au.
SIZE: 14,600 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, drift.
PRODUCTION HISTORY: total reported production of 89,500 g Au ($59,500); reestimation of total production suggests that as much as 137,000 g Au may have been produced.
BEDROCK SOURCE: unknown.
FINENESS: 920, 949-951 (Au, 1927-35); 40 (Ag, 1927-35).
OTHER GEOLOGY: coarse, water-worn gravels.
COMMENTS: Ag grade calculated from fineness; stream basin area is 5.79 km^2.
REFERENCES: Maddren, 1913; Reed, 1938.

NAME: Sullivan Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Tanana quadrangle.
TNS: 3N. RNG: 16W.
COMPANY: Abe Lincoln; Cleary Hill Mines, Inc.; Dakota Bar; others.
METALS: Au, Sn; minor Ag.
GRADE(S): 31 g/m^3 Au, 6.5 g/m^3 Ag.
SIZE: 58,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: In 1957-58, gravel values ran $3.50/sq ft; 136 oz Au, 5,463 oz Ag, and 215,000 lbs SnO_2 were produced; total production is 58,156 oz Au, 5,463 Ag, and 215,445 lbs cassiterite.
BEDROCK SOURCE: unknown.
FINENESS: 807-821 (Au), 169-174 (Ag).

OTHER GEOLOGY: Au and Sn are richest in the bottom 1-2 ft of gravel and upper 1 ft of bedrock; gravels are subrounded; concentrates also contain cassiterite, ilmenite, picotite, chromite, pyrite, magnetite, galena, arsenopyrite, native copper, zircon, monazite, aeschynite, xentine, apatite, brookite, and anatase.
COMMENTS: Quadrangle coordinates are 20.5-20.75, 6.8-6.95.
REFERENCES: Heiner and Wolff, 1968; Eberlein and others, 1977.

NAME: Taylor Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Taylor Mountains quadrangle.
TNS: 9N RNG: 45W, 46W.
METALS: Au; minor Hg, Sn.
GRADE(S): 1.0 g/m^3 Au.
SIZE: 78,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Over 2,500 oz Au have been produced; ground average of $.10/$ft^2$.
BEDROCK SOURCE: mineralized zone in hornfelsic Cretaceous sediments adjacent to an early Tertiary stock or zones adjacent to an Eocene albite rhyolite.
OTHER GEOLOGY: Cinnabar and cassiterite are present in the gravels; Au on bedrock.
REFERENCES: Eberlein and others, Cady and others, 1955.

NAME: Trail Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Ruby quadrangle.
TNS: 13S. RNG: 18E. SECTION:
DISTRICT: Ruby.
METALS: Au, Ag; minor SnO_2.
GRADE(S): 26 g/m^3 Au, 4.7 g/m^3 Ag.
SIZE: 3,200 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): open cuts.
PRODUCTION HISTORY: Yield was 0.036 to 0.143 oz Au/sq ft; placer mining active intermittently 1940's through 1975; 30,000 ft^2 mined.
BEDROCK SOURCE: unknown.
FINENESS: 838 (Au), 152 (Ag).
OTHER GEOLOGY: Pyrite, SnO_2, and galena are present in the gravels; Au concentrated in bottom of gravel and top of bedrock; Au both rough and well-rounded; gravels 1-6 ft thick.
COMMENTS: Mining was most intense on the upper 3 miles of creek; nuggets were about 10% Au and averaged 0.25 oz; largest nugget was 15 oz.
REFERENCES: Chapman and others, 1963; Eberlein and others, 1977.

NAME: Tramway Bar

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-06N. LONG: 150-30W.
TNS: 26N. RNG: 12W, 13W.
DISTRICT: Koyukuk.
METALS: Au.
GRADE(S): 24 g/m^3 Au.
SIZE: 46,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): sluice, panning (?).
PRODUCTION HISTORY: $5,000 Au was produced in 1900; total production to 1909 was estimated at $8,000; values of $.02-$.03/pan reported; 72,000 g total Au production reported; reestimation of total production suggests that as much as 110,000 g Au may have been produced.
BEDROCK SOURCE: unknown.
FINENESS: 940 (Au).
OTHER GEOLOGY: Placers are on a bench sitting on conglomerates and sandstones 80-100 ft above the creek; Au both coarse and fine.
COMMENTS: Placer area includes the Hughes and Florence bars; nuggets uncommon, largest was 20 g.
REFERENCES: Maddren, 1913.

NAME: Treasure Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Livengood quadrangle.
TNS: 2N. RNG: 1W.
METALS: Au, minor Ag.
GRADE(S): 17 g/m^3 Au, 1.6 g/m^3 Ag.
SIZE: 44,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: By 1910, $250,000 Au had been produced; in 1908, gravel values averaged $1.50/sq ft; reestimation of total Au production suggests as many as 24,000 oz Au may have been produced.
BEDROCK SOURCE: gold lode in unidentified host in tributary to Treasure Creek.
FINENESS: 907 (Au), 86 (Ag).
OTHER GEOLOGY: Gravels were up to 7 ft thick under deep frozen ground (80-200 ft thick); pay streaks up to 225 ft wide.
COMMENTS: Creek was mined from its mouth upstream for three miles.
REFERENCES: Heiner and Wolff, 1968; Eberlein and others, 1977.

NAME: Twelve Mile Creek Placer

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-11N. LONG: 150-27W.

DISTRICT: Koyukuk.
METALS: Au; minor Ag.
CONTAINED METAL: 11.5 kg Au.
GRADE(S): 1.2 g/m^3 Au, 0.10 g/m^3 Ag.
SIZE: 9,600 m^3.
PLACER TYPE(S): stream, bench, buried.
MINING METHOD(S): sluice, hydraulic.
PRODUCTION HISTORY: production from high bench was valued at $.75 Au/cy; a grade of $.35 Au/sq ft for gravels 2.5 ft thick was also reported; total reported Au production was 7,500 oz; reestimation of total Au production suggests as much as 11,500 oz Au may have been produced.
BEDROCK SOURCE: unknown.
FINENESS: 914 (Au).
COMMENTS: Ag grade was calculated from Au fineness; stream basin area is 56.6 km^2.
REFERENCES: Maddren, 1913; Reed, 1938.

NAME: Valdez Creek

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Talkeetna Mountains quadrangle.
LAT: 147N. LONG: 63-20W.
DISTRICT: Valdez Creek.
METALS: Au.
GRADE(S): 1.0 g/m^3 Au.
SIZE: 16,000,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Size consists of reserves only that are valued at $17,000,000 of $.50-$1.20/cy gravel; by 1984, reserves were reported to be 392,000 m^3 containing 3.5 g Au/m^3.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Area has complex Pleistocene geology.
REFERENCES: Cobb, 1973; Tuck, 1938; Mining Journal, 1984a.

NAME: Vermont Creek Placer

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Wiseman quadrangle.
LAT: 67-30-51N. LONG: 150-05-44W.
TNS: 31N. RNG: 12W.
DISTRICT: Koyukuk.
METALS: Au; minor Ag.
CONTAINED METAL: 12.7 kg Au.
GRADE(S): 7.5 g/m^3 Au, 0.49 g/m^3 Ag.
SIZE: 980 m^3.
PLACER TYPE(S): stream, buried.
MINING METHOD(S): sluice, drift, open-pit.

PRODUCTION HISTORY: discovered August 25, 1901; total value 1900-09 production was $172,000 Au; present channel runs $13/ft^2 with deep channel as high as $5/sq ft; total reported production is 8,300 g Au; reestimation of total production suggests as much as 12,700 g Au may have been produced.
BEDROCK SOURCE: unknown.
FINENESS: 935 (Au).
OTHER GEOLOGY: Au is fine, few nuggets; gravels are coarse, subangular, and poorly-sorted; pyrite is found in modern channel.
COMMENTS: Ag grade is estimated from Au fineness; stream basin area is 2.83 km^2.
REFERENCES: Maddren, 1913; Reed, 1938.

NAME: Wade Creek - lower discovery

COUNTRY/STATE: USAK. COUNTY/PROVINCE: Eagle quadrangle.
LAT: 64-05N. LONG: 141-35W.
DISTRICT: Walker Fork Area.
METALS: Au; minor Ag.
GRADE(S): 0.57 g/m^3 Au, 0.11 g/m^3 Ag.
SIZE: 650,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): hydraulic, drift, dredge, open-cut.
PRODUCTION HISTORY: Placer discovered in 1895; total production estimated at $300,000 Au in 1938; an unknown amount of reserves were reported in 1938; drift mining difficult due to lack of frozen ground; recent production (1985).
BEDROCK SOURCE: Au-bearing pyrite-quartz veins in unidentified host.
FINENESS: 830 (Au), 165 (Ag).
OTHER GEOLOGY: Gravel is thought to be 10-12 thick and is made up of clasts largely consisting of local schist; Au is flat with little flour; concentrate also contains magnetite, ilmenite, hematite, garnet, and minor amounts of cinnabar, pyrite, and cassiterite.
COMMENTS: nuggets up to 24 oz in size.
REFERENCES: Mertie, 1938.

NAME: Arivaca

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Pima.
TNS: 20S. RNG: 9E, 10E.
COMPANY: New Venture Placer Mining Co.
METALS: Au; minor W, Hg.
GRADE(S): 2.0 g/m^3 Au.
SIZE: 160,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): sluice, Clark agitating sluice.
PRODUCTION HISTORY: 10,000 oz Au produced in 1950's; in 1905, reserves consisted of 4,800 cy valued at $1.69/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Minor cinnabar and wolframite are present; abundant black sand.
REFERENCES: Johnson, 1972a.

NAME: Baboquivari

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Pima.
TNS: 18S. RNG: 7E.
COMPANY: Edna J. Gold Placer Mines, Inc.
METALS: Au.
GRADE(S): 0.77 g/m^3 Au.
SIZE: 66,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: In 1930's, past production consisted of 700 oz Au from 37,000 cy of gravel and reserves were estimated to be 50,000 cy of gravel at $.65/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels are from 6 to 11 ft thick.
REFERENCES: Johnson, 1972a.

NAME: Cave Creek

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Maricopa.
TNS: 6N, 7N. RNG: 4E.
METALS: Au.
GRADE(S): 0.97 g/m^3 Au.
SIZE: 17,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): unknown.

PRODUCTION HISTORY: Production reported in 1888 and prior to 1941; reported grades of $.85-$5.10/cy.
BEDROCK SOURCE: Precambrian lode gold deposits.
OTHER GEOLOGY: Pay gravel was between a cemented layer in the soil and bedrock and was 1 to 6 ft thick.
REFERENCES: Johnson, 1972a.

NAME: Chemehuevis

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Mohave.
TNS: 14N, 15N. RNG: 19W, 20W.
METALS: Au.
GRADE(S): 2.6 g/m^3 Au.
SIZE: 11,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Placer discovered in 1857 and active as late as the 1960's on a small scale.
BEDROCK SOURCE: Quartz veins in Precambrian schist containing pyrite and galena.
COMMENTS: Placer area is in fanglomerates on southwest flank of mountainous area east of the Colorado River.
REFERENCES: Johnson, 1972a.

NAME: Copper Basin

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Yavapai.
TNS: 13N, 14N. RNG: 3W, 4W.
COMPANY: Forbach and Easton Co.; Skull Valley Corp.; Gold Star Placer Co.
METALS: Au; minor Hg.
GRADE(S): 1.5 g/m^3 Au.
SIZE: 160,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Grades ran from $.56/cy to $2.12/cy with an average of $1.30/cy; a total of 8,000 oz Au was produced.
BEDROCK SOURCE: Au in tourmaline-quartz veins in Precambrian rocks.
OTHER GEOLOGY: Minor cinnabar is present; gold the size of mustard seed to 0.15 oz is common; several nuggets of 0.73 oz recovered.
REFERENCES: Johnson, 1972a.

NAME: Courtland-Gleeson

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Cochise.
TNS: 19S. RNG: 25E.
METALS: Au.
GRADE(S): 1.3 g/m^3 Au.
SIZE: 2,400 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 100 oz Au at $1.12/cy gravel were produced as a test in 1910, 1932-35.
BEDROCK SOURCE: Pb-Zn deposits in area contain trace Au.
OTHER GEOLOGY: Thin mantles of gravel/soil on limestone pediment were placered.
REFERENCES: Johnson, 1972a.

NAME: Dos Cabezas

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Cochise.
TNS: 13S, 14S, 15S. RNG: 26E, 27E.
METALS: Au.
GRADE(S): 4.9 g/m^3 Au.
SIZE: 6,600 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dryland dredge.
PRODUCTION HISTORY: Sampling of gravels to a depth of 6 ft assayed $4.08/cy; total production exceeded 1,000 oz Au.
BEDROCK SOURCE: Quartz veins associated with major fault zone.
OTHER GEOLOGY: Nuggets ranged from 1 to 20 oz; gold usually flat, ragged and coarse; gravels located in gulches and on pediments.
REFERENCES: Johnson, 1972a.

NAME: Gold Basin

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Mohave.
TNS: 29N. RNG: 18W.
METALS: Au.
GRADE(S): 1.1 g/m^3 Au.
SIZE: 30,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dry washing, power shovels.
PRODUCTION HISTORY: Gravels valued from $.05/cy to $3.50/cy with an average of less than $1.00/cy; total production of 1,000 oz Au.
BEDROCK SOURCE: Au-quartz-carbonate-sulfide veins in Precambrian rock.
OTHER GEOLOGY: Gravels 1-3 ft thick on top of cemented gravels; placers are on large alluvial fan.
REFERENCES: Johnson, 1972a.

NAME: Greaterville

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Pima.
TNS: 19S. RNG: 15E, 16E.
METALS: Au.
GRADE(S): 0.24 g/m^3 Au.
SIZE: 5,400,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dragline, dryland dredge, rocker, dryland washing plant.
PRODUCTION HISTORY: In 1948, 90,000 cy gravel were valued at $.21/cy; total production of 40,000 oz Au; gravels were reworked several times.
BEDROCK SOURCE: Free Au in quartz veins adjacent to a quartz latite porphyry.
OTHER GEOLOGY: Gold generally in 2 ft of angular gravel immediately overlying bedrock; nuggets found 1874-1886 were commonly 0.05 to 0.25 oz, one was 37 oz.
REFERENCES: Johnson, 1972a.

NAME: King Tut

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Mohave.
TNS: 29N, 30N. RNG: 17W.
METALS: Au.
GRADE(S): 1.3 g/m^3 Au.
SIZE: 23,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dry washing, power shovels.
PRODUCTION HISTORY: In 1933, gravels were valued at $1.17/cy; total production of 1,000 oz Au.
BEDROCK SOURCE: Reworked material from Miocene-Pliocene(?) Muddy Creek fanglomerate (Table 1 listing is incorrect).
OTHER GEOLOGY: Placer gravels are less than 2 ft thick in present day arroyos and rest on cemented gravels; nuggets commonly to 0.75 oz, one at 4 oz; nuggets angular to rounded.
COMMENTS: Production includes King Tut and several other lesser placers on the east flank of the Lost Basin Range; black sands are abundant.
REFERENCES: Theodore and others, 1982; Johnson, 1972a.

NAME: Lynx Creek.

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Yavapai.
TNS: 13N, 14N. RNG: 1W, 1E.
COMPANY: Calari Dredging Co.
METALS: Au.
GRADE(S): 0.37 g/m^3 Au.
SIZE: 6,600,000 m^3.

PLACER TYPE(S): stream.
MINING METHOD(S): sluice, dryland dredge, dredge, hydraulic, rocker.
PRODUCTION HISTORY: Total production of 80,000 oz Au.
BEDROCK SOURCE: Au-quartz veins in granodiorite.
OTHER GEOLOGY: Nuggets to 4 oz in size.
REFERENCES: Johnson, 1972a.

NAME: Plomosa

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Yuma.
TNS: 2N, 3N, 4N. RNG: 17W, 18W.
COMPANY: Yuma Consolidated Co.; Plomosa Placer Co.
METALS: Au.
GRADE(S): 1.4 g/m^3 Au.
SIZE: 39,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dry washing machines.
PRODUCTION HISTORY: Gravel values ranged from $.71/cy to $1.77/cy with an average of $1.24/cy; total production of 18,000 oz Au; placer was worked from early 1860's through the 1950's.
BEDROCK SOURCE: veins in metamorphic rocks.
OTHER GEOLOGY: Gold found at several horizons in gravels up to 140 ft thick.
REFERENCES: Johnson, 1972a.

NAME: Quijotoa

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Pima.
TNS: 15S, 16S. RNG: 2E.
DISTRICT: Papago Indian Reservation.
METALS: Au.
GRADE(S): 0.93 g/m^3 Au.
SIZE: 500,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dry washing, bateas
PRODUCTION HISTORY: Placers worked since 1774; gravels valued at better than $.80/cy; total production estimated at 15,000 oz Au.
BEDROCK SOURCE: gold-bearing veins identified in adjacent Quijotoa mountains.
OTHER GEOLOGY: Unconsolidated surface gravels and underlying caliche-cemented gravel were gold-bearing.
REFERENCES: Johnson, 1972a.

NAME: San Domingo

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Maricopa.
TNS: 6N, 7N. RNG: 3W, 4W.
COMPANY: Lotowana Mining Co.; MacDonald Construction Co.; United Placers Industries.
METALS: Au.
GRADE(S): 0.77 g/m^3 Au.
SIZE: 76,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dryland dredge.
PRODUCTION HISTORY: Production from 1870-1880 and 1905-1951; average grade of $.68/cy reported 1870-1880; gold produced as byproduct of gravel pit operation in early 1960's.
BEDROCK SOURCE: Possibly veins in Precambrian rocks.
REFERENCES: Johnson, 1972a.

NAME: San Francisco

COUNTRY/STATE: USAZ. COUNTY/PROVINCE: Mohave.
TNS: 19N, 20N. RNG: 20W, 21W.
METALS: Au.
GRADE(S): 3.0 g/m^3 Au.
SIZE: 1,100 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dry washing.
PRODUCTION HISTORY: A grade of $1.50/cy ($20.67 Au) was reported; total production of about 100 oz Au; placers worked since 1865.
BEDROCK SOURCE: Au-quartz-calcite veins in igneous rocks.
OTHER GEOLOGY: Source mineralization is Tertiary in age; gold grains thought to be very fine in lodes and easily transported downstream.
COMMENTS: Fine gold is difficult to recover by dry washing.
REFERENCES: Johnson, 1972a.

NAME: Alpha-Omega

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Nevada.
TNS: 17N RNG: 11E SECTION: 16, 17
DISTRICT: Washington.
COMPANY: South Yuba Mining and Development (1946)
METALS: Au, minor Ag.
GRADE(S): 0.25 g/m^3 Au, 0.0086 g/m^3 Ag.
SIZE: 28,000,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): hydraulic, sluice.
PRODUCTION HISTORY: Estimated in 1927 to have produced 13,000,000 cy gravel at $.135/cy; 40,000,000 cy were estimated to remain in 1911; last production was 1941-42 season; from January to July 1942, 818,175 cy yielded 1,749 oz Au and 54 oz Ag; 429,637 cy gravel during the 1941 season yielded 1,302 oz Au and 49 oz Ag.
BEDROCK SOURCE: quartz veins hosted by slate, schist and quartzite within the district.
REFERENCES: Clark, 1970; Averill, 1946; Jarmin, 1927.

NAME: Bossy Bar

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Tuolumne.
LAT: 37-50N. LONG: 120-06W.
METALS: Au.
GRADE(S): 0.81 g/m^3 Au.
SIZE: 6,500 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 1,500 oz Au were produced in the late 1800's.
BEDROCK SOURCE: two Tertiary gravel placers upslope from placer.
COMMENTS: includes Tin Can Cabin Bar placer.
REFERENCES: Hyndman and others, 1983.

NAME: Bud Lee Mine

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Plumas.
TNS: 25N. RNG: 7E.
METALS: Au.
GRADE(S): 0.027 g/m^3 Au.
SIZE: 78,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Gravels were valued at $.35 Au/m^3.

BEDROCK SOURCE: unknown.
OTHER GEOLOGY: This placer worked a 3 acre gravel bar.
REFERENCES: Linne and others, 1983.

NAME: Calaveras Central Mine

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Calaveras.
TNS: 3N. RNG: 13E.
COMPANY: Calaveras Central Gold Mining Co.
METALS: Au.
GRADE(S): 11 g/m^3 Au, 1.2 g/m^3 Ag.
SIZE: 62,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): drift.
PRODUCTION HISTORY: Shafts 350 ft deep, 240 ft deep and 200 ft deep; total production in this century 22,000 oz Au.
BEDROCK SOURCE: unknown, probably low-sulfide quartz gold deposits.
FINENESS: 885 (Au), impurity mostly Ag.
OTHER GEOLOGY: three channels; gravels mostly granite and quartz; boulders common; gold coarse, flakey, and worn some with attached quartz.
COMMENTS: silver grade estimated from gold fineness; nuggets up to 1-2 oz, one at 20 oz.
REFERENCES: Averill, 1946.

NAME: Camanche District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Calaveras.
LAT: 38-12-06N. LONG: 120-58-00W.
COMPANY: Lancha Plana Gold Dredging Co. (1940); Wallace Dredging (1940).
METALS: Au; minor Pt.
GRADE(S): 0.20 g/m^3 Au.
SIZE: 45,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Dredging from 1904 to 1923 and from the 1930's to 1951 is estimated to have produced $10,000,000 Au.
BEDROCK SOURCE: unknown.
FINENESS: 850-900 (Au).
OTHER GEOLOGY: gold was fine-grained.
COMMENTS: The Mokelumne River was placered from Lancha Plana downstream 12 miles.
REFERENCES: MRDS record M045333; Clark, 1970.

NAME: CIC Placer

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Ventura.
LAT: 34-35N. LONG: 118-50W.
TNS: 6N. RNG: 18W.
DISTRICT: Piru.
METALS: Au.
GRADE(S): 0.072 g/m^3 Au.
SIZE: 63,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 82,000 cy gravel were placered valued at $.71 Au/cy.
BEDROCK SOURCE: unknown.
REFERENCES: Hale and others, 1983.

NAME: Deep Moon Mine

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Sierra
LAT: 39-37N. LONG: 120-50W.
TNS: 20N. RNG: 10E.
METALS: Au.
GRADE(S): 0.32 g/m^2 Au.
SIZE: 47,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Reserves are reported as 36,000 cy gravel.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Bedrock is slate.
REFERENCES: White and others, 1983.

NAME: Dragonfly - Jay Bird Mines

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Sierra
LAT: 39-38N. LONG: 120-43W.
TNS: 20N, 21N. RNG: 11E.
METALS: Au.
GRADE(S): 0.020 g/m^3 Au.
SIZE: 520,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): drift, unknown other.
PRODUCTION HISTORY: Dragonfly produced 145 oz Au 1905-1914; Dragonfly reserves estimated at 100,000 cy valued at $.05/cy; 140,000 cy have been worked at Jay Bird; Jay Bird reserves estimated at 140,000 cy valued at $.014/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Host is 50% gravel and 50% silt.
REFERENCES: White and others, 1983.

NAME: Excelsior - Monte Cristo

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Sierra.
LAT: 39-36N. LONG: 120-52W.
TNS: 20N. RNG: 10E.
METALS: Au.
GRADE(S): 0.69 g/m^3 Au.
SIZE: 4,900,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Combined production from 1889-1936 was 5,700 oz Au; U.S. Bureau of Mines has estimated reserves of 3,000,000 cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels are composed of 80% quartz clasts, 10% metasediment clasts, and 10% clay.
REFERENCES: White and others, 1983.

NAME: Fales Hill Mine

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Plumas.
LAT: 39-58N. LONG: 121-08W.
TNS: 7E. RNG: 25N.
METALS: Au.
GRADE(S): 0.26 g/m^3 Au.
SIZE: 120,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Amount of production is unknown; U.S. Bureau of Mines estimates reserves of 135,000 cy with a grade of 0.003 oz Au/cy plus an additional 25,000 cy with a grade of 0.024 oz Au/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels overlie weathered serpentinite and peridotite; extraction problems are caused by bedrock clays.
COMMENTS: Pit covers 25 acres.
REFERENCES: Linne and others, 1983.

Name: Folsom District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Sacramento.
LAT: 38-38N. LONG: 121-13W.
COMPANY: Natomas Company.
METALS: Au; minor Pt, Os, Ir.
GRADE(S): 0.11 g/m^3 Au.
SIZE: 760,000,000 m^3.
PLACER TYPE(S): alluvial plain.
MINING METHOD(S): dredge.

PRODUCTION HISTORY: 3,600,000 oz Au have been produced from over 1 billion cy gravel.
BEDROCK SOURCE: Au-quartz veins in greenstone (?).
OTHER GEOLOGY: The platinum grade is 0.0011 g/m^3; the iridium grade is 0.0053 g/m^3; gravels are up to 110 ft thick.
COMMENTS: Placers are on American River.
REFERENCES: MRDS record M045205; Clark, 1970.

NAME: Foresthill

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Placer.
TNS: 14N. RNG: 10E. SECTION: 15, 22-26.
COMPANY: Mayflower Gravel Mining Co.
METALS: Au.
GRADE(S): 7.9 g/m^3 Au.
SIZE: 300,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: Produced $1,600,000 Au 1888-99; produced $270,000 at 0.39 oz Au/ton 1888-89; in 1938, $3.50 Au/st gravel was reported, another shaft yielded 0.13 oz Au/st.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: cemented gravels.
COMMENTS: nuggets 0.7 oz - 0.20 oz.
REFERENCES: Averill, 1946.

NAME: Goler Canyon placers

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Kern.
TNS: 29S. RNG: 39E. SECTION: 1-3, 10, 11.
COMPANY: Goler Canyon Mining Co.
METALS: Au.
CONTAINED METAL:
GRADE(S): 0.77 g/m^3 Au.
SIZE: 9,600,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): open pit.
PRODUCTION HISTORY: Published estimation of reserves in 1933 was 10 to 15 million cy with 0.019 oz Au/cy; in 1930, a pilot washing & sluicing plant was in operation; production not known (probably minor when compared to reserves)
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravels few feet to few tens of feet thick, 1/4 mi wide, 1 mi long; gold in lower part.
COMMENTS: nuggets up to 11 oz recovered in test holes (1933); water not sufficient for placering.
REFERENCES: Troxel and Morton, 1962.

NAME: Greenbower

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Plumas.
TNS: 22N. RNG: 7E.
METALS: Au; minor Ag.
GRADE(S): 0.30 g/m^3, Au; 0.025 g/m^3 Ag.
SIZE: 380,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: 1905-15 produced 614 oz Au, 64 oz Ag; In 1929 1,600 cy produced 12 oz Au, 1 oz Ag; reserves estimated to be 500,000 cy if hydraulically worked.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravels capped with volcanic flows.
REFERENCES: Conyac and others, 1983.

Name: Hammonton District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Yuba.
LAT: 39-12N. LONG: 121-26W.
COMPANY: Yuba Consolidated Gold Fields.
METALS: Au; minor Pt.
GRADE(S): 0.20 g/m^3 Au.
SIZE: 760,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge, hydraulic.
PRODUCTION HISTORY: Clark reported grades of $.08-$.165/cy; the district was dredged from 1903 to 1968; in 1964, total output from dredging was estimated at 4,800,000 oz; when the last dredge shut down in 1968 more than 1,000,000,000 cy had been dredged.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravels are medium to fine and are free-washing.
COMMENTS: Placer area extends about 8 miles along the Yuba River.
REFERENCES: Clark, 1970; MRDS record M045330.

NAME: Indian Creek

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Tuolumme.
LAT: 37-54N. LONG: 120-09W.
TNS: 1S. RNG: 17E. SECTION: 6.
METALS: Au.
GRADE(S): 0.089 g/m^3 Au.
SIZE: 6,900 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: reserves only; no workings, no production.

BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels are 8 ft thick.
REFERENCES: Hyndman and others, 1983.

NAME: Jenny Lind District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Calaveras.
TNS: 3N. RNG: 10E.
METALS: Au; minor Ag, Pt, Os, Ir.
GRADE(S): 0.23 g/m^3 Au, 0.015 g/m^3 Ag.
SIZE: 16,000,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): dredge, hydraulic.
PRODUCTION HISTORY: Gravels dredged ran $.10-$.30/cy; hydraulic tailings ran $.10/cy; 100,000 oz Au were produced 1903-1940; in 1940, 500,000 cy dredged at the Hunt and Robie ranches yielded 2,902 oz Au and 182 oz Ag.
BEDROCK SOURCE: Au-quartz veins in greenstone.
COMMENTS: Placer area is on, and adjacent to, the Calaveras River.
REFERENCES: Clark, 1970; MRDS record M045332; Averill, 1946.

NAME: Kings Road Mine

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Tuolumme.
LAT: 37-50N. LONG: 120-07-30W.
TNS: 1S. RNG: 17E.
METALS: Au.
GRADE(S): 5.5 g/m^3 Au.
SIZE: 160,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 29,000 oz Au were mined from 200,000 cy gravel at the Dorsey claims.
BEDROCK SOURCE: unknown.
REFERENCES: Hyndman and others, 1983.

NAME: La Grange District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Stanislaus.
TNS: 3S. RNG: 14E.
COMPANY: La Grange Gold Dredging Co; Tuolumne Gold Dredging Co.
METALS: Au, minor Pt.
GRADE(S): 0.22 g/m^3 Au.
SIZE: 84,000,000 m^3.

PLACER TYPE(S): alluvial plain.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Dredging produced $13,000,000 Au.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels average 30-35 ft thick and are underlain by tuff; gravels are medium to coarse and loosely consolidated.
COMMENTS: Placer area extends along the Tuolumme River for 9 miles.
REFERENCES: Clark, 1970; MRDS record M045327.

NAME: La Grange Hydraulic Mine

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Trinity.
TNS: 33N. RNG: 10W.
DISTRICT: Weaverville.
COMPANY: La Grange Placer Mines, Ltd.
METALS: Au, minor Ag.
GRADE(S): 0.15 g/m^3 Au, 0.015 g/m^3 Ag.
SIZE: 76,000,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: From 1862 to 1918 over 100,000,000 cy were worked; Clark estimated $8,000,000 production; 1305 oz Au and 136 oz Ag were produced from 363,000 cy gravel in 1941-42; Ag grade based on 1941-42 production.
BEDROCK SOURCE: Au-quartz veins associated with diorite dikes and/or auriferous sediments of Weaverille Fm.
OTHER GEOLOGY: Gravels lie on continental sedimentary rocks.
REFERENCES: Clark, 1970; Averill, 1946.

NAME: Lincoln District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Placer.
TNS: 12N. RNG: 6E.
COMPANY: Pantle Bros.; C.N. Chittenden.
METALS: Au, minor Ag.
GRADE(S): 0.16 g/m^3 Au, 0.030 g/m^3 Ag.
SIZE: 18,000,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): dragline dredge, dryland dredge.
PRODUCTION HISTORY: Dredge recoveries ranged from $.15/cy to $.60/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels are 5-20 ft thick and lie on a soft tuff.
COMMENTS: Placer area covers 1200 acres in Auburn and Doty Ravines.
REFERENCES: Clark, 1970, Averill, 1946.

NAME: Lowell Hill District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Nevada.
TNS: 16N. RNG: 11E.
METALS: Au.
GRADE(S): 0.39 g/m^3 Au.
SIZE: 16,000,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: Area was hydraulicked 1850's-1870's and 1896-1915; over $1,000,000 Au was produced; lower blue gravel averaged $.18-$.23 Au/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: The lower gravel contains gabbro and serpentinite boulders and is well-cemented.
COMMENTS: Placer area includes Remington Hill, Negro Jack Hill and Liberty Hill areas.
REFERENCES: Clark, 1970.

NAME: Michigan Bluff District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Placer.
TNS: 14N. RNG: 11E.
METALS: Au.
GRADE(S): 1.6 g/m^3 Au.
SIZE: 4,600,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: Hydraulic mining began in 1853; activity declined by 1870's and continued intermittently through the early 1900's and during the 1930's.
BEDROCK SOURCE: narrow Au-quartz veins in local slate and schist (?).
OTHER GEOLOGY: The placer district is at the junction of 2 major Tertiary channels; local bedrock is composed of slate, schist, and serpentinite; the gold is coarse.
REFERENCES: Clark, 1970.

NAME: Moore's Flat District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Nevada.
TNS: 18N. RNG: 10E.
METALS: Au; minor Ag.
GRADE(S): 0.26 g/m^3 Au, 0.031 g/m^3 Ag.
SIZE: 31,000,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): hydraulic.

PRODUCTION HISTORY: Clark reported that 26,000,000 cy had been placered and that reserves totaled 15,000,000 cy; hydraulic mining in the 1880's had reported Au recoveries of $.11-$.15/cy.
BEDROCK SOURCE: narrow Au-quartz veins in amphibolite, slate, and serpentinite.
OTHER GEOLOGY: gravel capped by andesite.
COMMENTS: includes workings at Moore's Flat, Oreleans Flat, Woolsey Flat, Snow Point, and Snow Tent.
REFERENCES: Clark, 1970.

NAME: Morris - Lott

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Plumas.
LAT: 39-57N. LONG: 121-21W.
TNS: 25N. RNG: 6E.
METALS: Au; minor Ag.
GRADE(S): 1.1 g/m^3 Au, 0.13 g/m^3 Ag.
SIZE: 380,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): hydraulic, minor drifting (?).
PRODUCTION HISTORY: At the Morris placers 90,000 cy gravel were worked; at the Lott placer 200,000 cy gravel were worked and over 150,000 cy reserves are present at a grade of 0.031 oz Au/cy.
BEDROCK SOURCE: unknown.
REFERENCES: Linne and others, 1983.

NAME: North Bloomfield District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Nevada.
TNS: 17N, 18N. RNG: 10E.
METALS: Au, minor Ag.
GRADE(S): 0.28 g/m^3 Au; 0.028 g/m^3 Ag.
SIZE: 99,000,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): hydraulic, dredge.
PRODUCTION HISTORY: Au was discovered in 1851 and hydraulic mining began about 1853; $3,500,000 Au were produced from 35,000,000 cy gravel; 90,000,000 cy remain; $1,000,000-$2,000,000 were produced from the Derbee Mine; Ag grade based on 1941-42 dredging showing a Au to Ag ratio of
10:1.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels are as much as 600 ft thick, but most of the values were from the lower 130 ft of "blue gravel."
COMMENTS: District includes the Malakoff Mine and Derbee Mine.
REFERENCES: Clark, 1970; Averill, 1946.

NAME: One Day at a Time

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Sierra.
LAT: 39-37N. LONG: 120-47W.
TNS: 20N. RNG: 10E.
METALS: Au.
GRADE(S): 0.59 g/m^3 Au.
SIZE: 46,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): drift, hydraulic, ground sluicing.
PRODUCTION HISTORY: no production data, figures for remaining reserves.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravel is 80% white quartz, 10% clay and 10% metasediment clasts.
COMMENTS: A 400 ft adit is present.
REFERENCES: White and others, 1983.

NAME: Oroville District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Butte
LAT: 39-28N. LONG: 121-36W.
TNS: 18N, 19N. RNG: 3E.
METALS: Au; minor Pt, Os.
GRADE(S): 0.089 g/m^3 Au.
SIZE: 690,000,000 m^3.
PLACER TYPE(S): alluvial plain.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Area was dredged 1898-1935, 1936-42 and 1945-52; total gold produced by dredging was 1,964,000 oz.
BEDROCK SOURCE: unknown.
FINENESS: 915-930 (Au).
OTHER GEOLOGY: Gravel lies on a false bedrock of volcanic ash.
COMMENTS: Field is 1 to 2 miles wide and 9 miles long.
REFERENCES: Clark, 1970; MRDS record M045345.

NAME: Ricardo Placer

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Kern.
TNS: 30S. RNG: 37E. SECTION: 2.
METALS: Au.
GRADE(S): 0.41 g/m^3 Au.
SIZE: 190,000 m^3.
PLACER TYPE(S): glacial-fluvial.
MINING METHOD(S): dry washing.
PRODUCTION HISTORY: worked in 1890's; in 1930's gravels gave $.35 Au/cy; several thousand oz Au were produced.

BEDROCK SOURCE: reworking of Records Fm, Goler Fm.
OTHER GEOLOGY: gold in stream gravels, fanglomerates.
COMMENTS: large nuggets.
REFERENCES: Troxel and Morton, 1962.

NAME: San Guillermo Creek

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Ventura.
LAT: 34-43N LONG: 119-06W.
TNS: 7N. RNG: 21W.
DISTRICT: Piru.
METALS: Au.
GRADE(S): 0.25 g/m^3 Au.
SIZE: 760 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 1,000 cy gravel placered were valued at $2.47 Au/cy.
BEDROCK SOURCE: Au-quartz veins in granitic gneiss or hornblende schist.
REFERENCES: Hale and others, 1983.

NAME: San Juan Ridge District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Nevada.
TNS: 18N. RNG: 9E.
DISTRICT: Grass Valley.
COMPANY: Placer Service Corporation.
METALS: Au.
GRADE(S): 0.23 g/m^3 Au.
SIZE: 67,000,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: In 1911, total production was estimated at $2,000,000$3,000,000 Au from 25,000,000 cy gravel; reserves have been estimated at 300,000 oz Au.
BEDROCK SOURCE: Au-quartz veins in local phyllite of the Delhi Fm (?).
OTHER GEOLOGY: gravels as thick as 500 ft; lower gravels are coarse while upper bench gravels are fine.
COMMENTS: Also known as the North Columbia district.
REFERENCES: Clark, 1970; California Mining Journal, 1983.

NAME: Sinnamon Cut

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Mono.
TNS: 3N. RNG: 26E. SECTION: 29.
METALS: Au.
GRADE(S): 0.995 g/m^3 Au.
SIZE: 715,000 m^3.
PLACER TYPE(S): desert (?).
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Over $80,000 Au was produced.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravel is fine and somewhat angular.
COMMENTS: Sinnamon Cut is part of the Bodie diggings; gravel was washed with water from Virginia Creek.
REFERENCES: MRDS record M010392.

NAME: Snelling

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Merced.
LAT: 37-30-54N. LONG: 120-23-54W.
METALS: Au; minor Pt.
GRADE(S): 0.115 g/m^3 Au.
SIZE: 150,000,000 m^3.
PLACER TYPE(S): alluvial plain.
MINING METHOD(S): dredge, hydraulic.
PRODUCTION HISTORY: Dredging occurred in 1907-1919, 1929, 1942, and 1946-1952; dredging produced about $17,000,000 Au from gravels valued at $.10 Au/cy.
BEDROCK SOURCE: unknown.
FINENESS: 890 (Au).
OTHER GEOLOGY: Gravels are not indurated and are 20-35 ft thick.
COMMENTS: Dredged area is about 9 miles long.
REFERENCES: Clark, 1970; MRDS record M045328.

NAME: Sol Wood Mine

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Sierra.
LAT: 39-37N. LONG: 120-50W.
TNS: 20N. RNG: 10E.
METALS: Au.
GRADE(S): 0.085 g/m^3 Au.
SIZE: 12,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Size estimate consists of reserves only, but 579 ft of workings suggests possible past production.
BEDROCK SOURCE: unknown.

clay; the Tertiary gravels are capped by colluvium.
REFERENCES: White and others, 1983.

NAME: Upper Lavezzola Creek

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Sierra.
LAT: 39-41N. LONG: 120-43E.
METALS: Au.
GRADE(S): 0.93 g/m^3 Au.
SIZE: 110,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Reserves of 140,000 cy gravel are valued at $.09 Au/cy.
BEDROCK SOURCE: unknown.
REFERENCES: White and others, 1983.

NAME: Vallecito-Western mine

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Calaveras.
TNS: 3N. RNG: 13E. SECTION: 24.
COMPANY: Vallecito Mining Co.
METALS: Au; minor Ag.
GRADE(S): 11.7 g/m^3 Au, 1.3 g/m^3 Ag.
SIZE: 50,000 m^3.
PLACER TYPE(S): residual.
MINING METHOD(S): dragline.
PRODUCTION HISTORY: mine opened 1925; 167 ft vertical shaft to 4300 feet of tunnel on bedrock; production to 1938 was 11,400 oz; production 1932 to 1936 was 7,222 oz gold and 814 oz Ag; size was estimated assuming a gravel density of 2 t/m^3.
BEDROCK SOURCE: unknown.
FINENESS: 895 (Au), balance almost entirely Ag.
OTHER GEOLOGY: gold coarse with nuggets; gravels are dominantly granite with minor quartz, quartzite, jasper, and slate; 30% are boulders up to 6-10 ft; 75% gold at bedrock or 1 feet above; paystreak 100 to 150 ft wide.
COMMENTS: nugget from 0.03 to 0.57 oz., largest about 10 oz.
REFERENCES: Averill, 1946.

NAME: Whipoorwill - Rebate Prospects

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Sierra.
LAT: 39-42N. LONG: 120-43W.

TNS: 21N. RNG: 11E.
METALS: Au.
GRADE(S): 0.20 g/m^3 Au.
SIZE: 100,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Size estimate from reserves only; Whipoorwill has reserves of 65,000 cy gravel with 0.0021 oz Au/cy; Rebate has reserves of 68,000 cy gravel with 0.004 oz Au/cy.
BEDROCK SOURCE: slate, phyllite.
OTHER GEOLOGY: Gravels contain boulders and clay; clasts are 30% volcanic rock, 30% intrusive rock, 30% metasediments and 10% quartz.
COMMENTS: Placers are at the confluence of Spencer, Sunnyside and Lavezzola Creeks.
REFERENCES: White and others, 1983.

NAME: You Bet District

COUNTRY/STATE: USCA. COUNTY/PROVINCE: Nevada.
TNS: 16N. RNG: 9E, 10E.
METALS: Au.
GRADE(S): 0.24 g/m^3 Au.
SIZE: 84,000,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): hydraulic, drift.
PRODUCTION HISTORY: Over $3,000,000 total Au production was reported in 1911; placer area was discovered 1848-1849; the district was hydraulicked on a large scale 1855-1880's; there was some drift mining.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: The lower gravels are 30-40 ft thick, well-cemented and have a number of large boulders; the lower gravels are capped by up to 350 ft fine gravel.
REFERENCES: Clark, 1970.

NAME: Alma Placer (Mills)

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Park.
TNS: 9S. RNG: 78W. SECTION: 12.
METALS: Au; minor Ag.
CONTAINED METAL: 947,000 g.
GRADE(S): 0.285 g/m^3 Au.
SIZE: 3,324,000 m^3.
PLACER TYPE(S): stream, glacial-fluvial.
MINING METHOD(S): sluice, dryland dredge, "placer machine".
PRODUCTION HISTORY: Parker estimates greater than $200,000 production prior to 1904 and production valued at approximately $638,000 from 1931 to 1948.
BEDROCK SOURCE: Pennsylvanian sandstone with some shale and porphyry.
FINENESS: 823-830 (Au, 1904-1938).
OTHER GEOLOGY: Most of the gold was just above bedrock in channels cutting morainal material.
REFERENCES: Parker, 1974a.

NAME: Blue River

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Summit.
TNS: 4-07S. RNG: 76-78W.
METALS: Au; minor Ag.
CONTAINED METAL: 6,395,000 g.
GRADE(S): 0.285 g/m^3 Au; 0.041 g/m^3 Ag (1914-1925).
SIZE: 21,333,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge, hydraulic.
PRODUCTION HISTORY: Discovered about 1859; dredging at the Tonopah placers from 1914-1925 produced 159,321 oz Au and 38,950 oz Ag from over 26,000,000 cy of material.
BEDROCK SOURCE: shale, porphyry, Dakota quartzite, high-terrace gravels.
FINENESS: 760 (Au, 1914-1925); 191 (Ag, 1914-1925).
OTHER GEOLOGY: Grade increases towards bedrock.
REFERENCES: Parker, 1979a.

NAME: Fairplay Placer

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Park.
TNS: 10S. RNG: 77W.
METALS: Au; minor Ag.
CONTAINED METAL: 3,700,000 g.

GRADE(S): 0.138 g/m^3 Au; 0.025 g/m^3 Ag.
SIZE: 25,826,000 m^3.
PLACER TYPE(S): stream, glacial-fluvial.
MINING METHOD(S): sluice, dredge, hydraulic, panning, rocker.
PRODUCTION HISTORY: Discovered about 1859. Dredging from 1941-1952 worked 33,804,560 cy of material containing 104,325.1 oz Au valued at $3,074,650.
BEDROCK SOURCE: mixed lithologies.
FINENESS: 810-853 (Au, 1941-52); 143-166 (Ag, 1941-52).
OTHER GEOLOGY: Placer area includes the Fairplay terminal moraine and a broad outwash plain downstream from it.
REFERENCES: Parker, 1979a.

NAME: French Gulch

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Summit.
TNS: 6S. RNG: 77W.
METALS: Au.
CONTAINED METAL: 2,917,000 g Au.
GRADE(S): 0.489 g/m^3 Au.
SIZE: 5,929,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Worked most years since 1861; majority of reported production postdates 1909 and the beginning of dredging operations; the Reiling Dredge produced $150,000 of Au in 1909.
BEDROCK SOURCE: Dakota Quartzite, shale ?, porphyry ?, high-terrace gravels.
REFERENCES: Parker, 1979a.

NAME: Georgia Gulch

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Summit.
TNS: 6S. RNG: 77W.
METALS: Au; minor Ag.
CONTAINED METAL: greater than 4,600,000 g Au.
GRADE(S): 0.57 g/m^3 Au.
SIZE: 8,200,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): sluice, panning.
PRODUCTION HISTORY: Discovered about 1869; $3,000,000 of production through 1862.
BEDROCK SOURCE: veins in shale, porphyry.
OTHER GEOLOGY: maximum depth of largely colluvial material was 25 ft; the area has been stripped to bedrock.
REFERENCES: Parker, 1979a.

NAME: Gold Run

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Boulder.
TNS: 1N. RNG: 72W.
DISTRICT: Gold Hill.
METALS: Au; minor Ag.
CONTAINED METAL: 179,000 g Au.
GRADE(S): 1.467 g/m^3 Au, 0.070 g/m^3 Ag.
SIZE: 122,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, panning, dryland dredge, rocker.
PRODUCTION HISTORY: Discovered 1859. $100,000 was recovered using rockers during the summer of 1859; $5-$10/day was produced by 20 miners working a sluice in 1865; 924 oz Au and 75 oz Ag were produced (1932-1941) from the Colby and Giggey placers.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Pyritic gold and gold telluride veins in Gold Hill area and source of gold.
COMMENTS: includes Colby and Giggey placers.
REFERENCES: Parker, 1979a.

NAME: Gold Run

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Summit.
TNS: 1N. RNG: 72W.
DISTRICT: Union.
METALS: Au; minor Ag.
CONTAINED METAL: 1,114,000 g Au.
GRADE(S): 0.297 g/m^3 Au.
SIZE: 3,750,000 m^3.
PLACER TYPE(S): stream, colluvial material.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: Discovered in 1859; 96 pounds of gold were reported as being recovered the first season; total production through 1911 was estimated at $750,000.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Wash, or colluvium, was up to 40 ft thick.
REFERENCES: Parker, 1979a.

NAME: Iowa Gulch

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Summit.
TNS: 6S. RNG: 77W.
METALS: Au.
CONTAINED METAL: 55,000 g.
GRADE(S): 0.346 g/m^3 Au.
SIZE: 160,000 m^3

PLACER TYPE(S): bench.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: First recorded production was $6,000 in 1872. In 1906, 4,000 cy were placered in July and $.15-$.20 Au/cy was recovered; grades of $.75/cy to $3.25/cy were reported in the richest areas.
BEDROCK SOURCE: Precambrian rocks.
COMMENTS: includes Banner placers.
REFERENCES: Parker, 1979a.

NAME: Law Dredge Mine

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Moffat.
LAT: 40-55-47N. LONG: 107-37-37W.
TNS: 11N. RNG: 91W. SECTION: 05, 08.
DISTRICT: Fourmile.
COMPANY: B. W. Law (1904).
METALS: Au.
GRADE(S): 0.493 g/m^3 Au.
SIZE: 428,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): sluice, dredge.
PRODUCTION HISTORY: Discovered in late 1890's; last produced in 1904; Mr. Law recovered $115,000 from dredging and $25,000 by sluicing.
BEDROCK SOURCE: unknown.
REFERENCES: MRDS record D009739; Parker, 1974b.

NAME: Lost Canyon District

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Chaffee.
LAT: 39-02-04N LONG: 106-20-15W.
TNS: 12S. RNG: 80W. SECTION: 3, 4, 5.
COMPANY: J. A. Green (1974).
METALS: Au.
GRADE(S): 3.49 g/m^3 Au.
SIZE: 51,200 m^3.
PLACER TYPE(S): stream, colluvial.
MINING METHOD(S): drift, hand methods.
PRODUCTION HISTORY: Production averaged $3/cy with streaks to $10/cy; placer discovered in 1860.
BEDROCK SOURCE: unknown.
FINENESS: (Two kinds of gold present) 920, 840.
REFERENCES: MRDS record DC05149; Parker, 1974b.

NAME: Lowe Placer

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Clear Creek.
METALS: Au.
GRADE(S): 0.89 g/m^3 Au.
SIZE: 3,900,000 m^3.
PLACER TYPE(S): buried, desert (?).
MINING METHOD(S): dryland dredge.
PRODUCTION HISTORY: $ .7 million in 1860's; 1940 - 177 oz Au; 1941 - 837 oz Au.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: coarse gravel.
REFERENCES: Pettem, 1984.

NAME: Lower Beaver Creek

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Park.
TNS: 9S. RNG: 77W. SECTION: 28.
METALS: Au.
GRADE(S): 0.570 g/m^3 Au.
SIZE: 864,850 m^3.
PLACER TYPE(S): stream, meltwater channels.
MINING METHOD(S): sluice, dredge, hydraulic.
PRODUCTION HISTORY: Area worked by hand methods in the 1800's; estimate of 1,538 oz total production prior to start of dredging in 1938. Over $500,000 Au was produced by dredging from 1938 to 1942.
BEDROCK SOURCE: unknown.
FINENESS: 820-837.
OTHER GEOLOGY: Gold increases towards bedrock, is coarse, and is easily recovered.
COMMENTS: All dredgeable gravel between S. Park and Poorman Gulch exhausted.
REFERENCES: Parker, 1974a.

NAME: Missouri Creek

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Gilpin.
TNS: 2S. RNG: 73W.
COMPANY: Earl & Allen Smith of Blackhawk.
METALS: Au.
GRADE(S): 0.530 g/m^3 Au.
SIZE: 1,776 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: In 1959, $.45/cy was produced.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: coarse gold, not rounded.

COMMENTS: One nugget was 0.75 inches across, many were found that were 0.1 to 0.25 inches across; reserves are possible.
REFERENCES: Parker, 1974a.

NAME: Pactolus

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Gilpin.
TNS: 1S. RNG: 72W.
COMPANY: Cooly Gravel Co.
METALS: Au.
GRADE(S): 0.285 g/m^3 Au.
SIZE: 815,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Probably discovered in 1883; about $1500 Au was produced in 1897; Cooly Gravel produced $264,500 Au by dredging 1937-1939; production by Prommel Mining in 1933 was not reported.
BEDROCK SOURCE: Mesothermal veins and stockworks in Precambrian schists and gneisses, quartz monzonite.
FINENESS: 905 (1937).
OTHER GEOLOGY: Best gold in fine gravel immediately above bedrock; gold value decreased downstream.
REFERENCES: Parker, 1974a.

NAME: Roscoe Placer

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Jefferson, Clear Creek.
TNS: 3S, 4S. RNG: 71W, 72W.
COMPANY: Humphreys Gold Corp. (1937).
METALS: Au.
GRADE(S): 0.709 g/m^3 Au.
SIZE: 848,500 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge, dragline.
PRODUCTION HISTORY: Placer worked from 1932-36.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Higher grades in meanders and wide places in valley.
COMMENTS: Grade refects gold recovered, not available; dredged Clear Creek.
REFERENCES: MRDS record D010205; Parker, 1974a.

NAME: Snowstorm Area

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Park.
TNS: 9S. RNG: 77W. SECTION: 19, 20, 29, 30.
METALS: Au.
GRADE(S): 0.489 g/m^3 Au.
SIZE: 1,630,000 m^3.
PLACER TYPE(S): stream, glacial-fluvial.
MINING METHOD(S): sluice, dredge, hydraulic.
BEDROCK SOURCE: unknown.
FINENESS: 815-830 (1907-13).
OTHER GEOLOGY: Highest grades along meltwater channels; largely placered moraine and outwash gravels on soft sandstone and shale that contained some "quartzitic beds".
COMMENTS: Deposit includes Snowstorm hydraulic area, Timberline dredge area, and MacConnell hydraulic area.
REFERENCES: Parker, 1974a.

NAME: Swan River

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Summit.
TNS: 6S. RNG: 76W, 77W.
METALS: Au.
GRADE(S): 0.310 g/m^3 Au.
SIZE: 10,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Gravel values ran as high as $2 - $7/cy on bedrock and $1.49/cy in other gravels; $150,000 Au was produced in 1909, $208,248 in 1912; the grade in the early 1900's averaged about $.12/cy.
BEDROCK SOURCE: shale, porphyry, Dakota quartzite.
OTHER GEOLOGY: Some gold reworked from terrace gravels; gold content increased toward bedrock; some weathered bedrock mined.
COMMENTS: Size/grade estimates from dredging only.
REFERENCES: Parker, 1974a.

NAME: T9S R77W Placer.

COUNTRY/STATE: USCO. COUNTY/PROVINCE: Park.
TNS: 9S. RNG: 77W. SECTION: S/2 29.
METALS: Au.
GRADE(S): 1.10 g/m^3 Au.
SIZE: 30,500 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.

BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Alluvial reworking of morainal material.
REFERENCES: Parker, 1974a.

NAME: Aparejo Point

COUNTRY/STATE: USID. COUNTY/PROVINCE: Lemhi.
LAT: 44-56-05N. LONG: 114-43-24W.
TNS: 18N. RNG: 14E. SECTION: 2.
DISTRICT: Middle Fork.
METALS: Au.
GRADE(S): 0.349 g/m^3 Au.
SIZE: 36,700 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: placer deposit is composed of sand and boulders.
REFERENCES: Cater et al, 1973; MRDS record W014060

Name: Arnett Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Lemhi.
LAT: 45-13-23N. LONG: 114-12-34W.
TNS: 22N. RNG: 19E. SECTION: 22.
DISTRICT: Mackinaw.
METALS: Au; minor Ag.
GRADE(S): 0.347 g/m^3 Au; 0.029 g/m^3 Ag.
SIZE: 4,350,000 m^3.
PLACER TYPE(S): stream, bench, residual.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: 1,329 oz Au and 111 oz Ag were produced 1914-1933; gravel was reported to run $.15-$.20 Au/cy; Lorain and Metzger estimated total production at over $1,000,000 Au.
BEDROCK SOURCE: veins near granite-sedimentary rock contact.
FINENESS: 900 (Au).
OTHER GEOLOGY: gravel averages 12 ft thick for the bench deposits.
COMMENTS: includes the Goff brothers' placers.
REFERENCES: MRDS record W015051; Lorain and Metzger, 1939.

NAME: Butschke

COUNTRY/STATE: USID. COUNTY/PROVINCE: Lemhi.
DISTRICT: Mackinaw.
METALS: Au.
GRADE(S): 0.803 g/m^3 Au.
SIZE: 25,500 m^3.
PLACER TYPE(S): unknown.

MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: size estimate is based on work done through 1939.
BEDROCK SOURCE: unknown.
FINENESS: 965 (Au).
COMMENTS: Deposit may extend upstream as much as 2 miles; placers are on Big Jureano Creek.
REFERENCES: Lorain and Metzger, 1939.

NAME: Cal-Idaho

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 29N. RNG: 8E.
DISTRICT: Elk City.
METALS: Au.
GRADE(S): 0.089 g/m^3 Au.
SIZE: 281,000 m^3.
PLACER TYPE(S): Tertiary, bench.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: The grade in 1932 was $0.45/cy; 150,000 cy were worked in 1937.
BEDROCK SOURCE: unknown.
REFERENCES: Lorain and Metzger, 1938.

NAME: Corduroy Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 24N. RNG: 4E.
DISTRICT: Burgdorf.
METALS: Au.
GRADE(S): 0.200 g/m^3.
SIZE: 536,500 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Area had not been worked in 1938.
BEDROCK SOURCE: unknown.
COMMENTS: Values to $.75/cy with average of $.17/cy.
REFERENCES: Lorain and Metzger, 1938.

NAME: Crooked Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 26N. RNG: 8E.
DISTRICT: Dixie.
METALS: Au.

GRADE(S): 0.407 g/m^3 Au.
SIZE: 930,500 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Dixie Placers worked Southern 3 1/2 miles of Creek from 1935-1938; another mile of the creek was worked to the north.
BEDROCK SOURCE: unknown.
FINENESS: 850 (Au).
OTHER GEOLOGY: Gold thought to be derived from small veins in host rock.
COMMENTS: Some gold in the quartz was lost due to low specific gravity.
REFERENCES: Lorain and Metzger, 1938.

NAME: Crooked River Site 9

COUNTRY/STATE: USID. COUNTY/PROVINCE: Boise.
LAT: 43-58N. LONG: 112-22W.
TNS: 8N. RNG: 9E.
METALS: Au.
GRADE(S): 0.025 g/m^3 Au.
SIZE: 2,600 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
BEDROCK SOURCE: unknown.
COMMENTS: Placer located in Ten Mile West Rare II area.
REFERENCES: Benham and Avery, 1983.

NAME: Fall Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 24N. RNG: 4E.
COMPANY: Muckensturm property.
METALS: Au.
GRADE(S): 0.232 g/m^3.
SIZE: 45,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, hydraulic.
PRODUCTION HISTORY: Area was worked by hydraulic and ground sluicing methods for two seasons.
BEDROCK SOURCE: unknown.
REFERENCES: Lorain and Metzger, 1938.

NAME: George Prezel Placer

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 29N. RNG: 9E.
DISTRICT: Red River.
METALS: Au.
GRADE(S): 0.448 g/m^3.
SIZE: 2,292 m^3.
PLACER TYPE(S): streams.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: The grade averaged $.377/cy from 1932-38.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: coarse, angular gold.
REFERENCES: Lorain and Metzger, 1938.

NAME: Golden Eagle

COUNTRY/STATE: USID. COUNTY/PROVINCE: Lemhi.
LAT: 45-18-01N. LONG: 114-33-09W.
TNS: 23N. RNG: 16E. SECTION: 26.
DISTRICT: Clear Creek.
METALS: Au.
GRADE(S): 0.27 g/m^3 Au.
SIZE: 220,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: some evidence of past work at upper end of deposit, but estimate is composed of "reserves" only as per Cater and others, 1975.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Magnetite and zircon are present in the gravels.
COMMENTS: placer area covers 7.2 acres.
REFERENCES: MRDS record W014871; Cater and others, 1975.

NAME: Golden Rule

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
LAT: 45-16-16N. LONG: 115-50-01W.
TNS: 22N. RNG: 5E. SECTION: 3.
DISTRICT: Burgdorf.
METALS: Au, minor Ag.
CONTAINED METAL: 219,750 g Au.
GRADE(S): 0.148 g/m^3 Au, 0.025 g/m^3 Ag.
SIZE: 1,490,000 m^3.
PLACER TYPE(S): bench, glacial-fluvial, residual.
MINING METHOD(S): sluice, hydraulic, hand methods.

PRODUCTION HISTORY: Placer was discovered before 1870; total production is about 7,066 oz Au (1904-1937); early production history is not recorded; 1,595 oz Au and 269 oz Ag were produced 1921-1930.
BEDROCK SOURCE: unknown.
FINENESS: 850 (Au).
OTHER GEOLOGY: Au is found in an old stream channel, morainal material and decomposed bedrock.
COMMENTS: placer is on Grouse Creek.
REFERENCES: Capps, 1940; Lorain and Metzger, 1938; MRDS record W014977.

NAME: Houston Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 23N. RNG: 6E.
DISTRICT: Warren.
COMPANY: Mr. Becher (1937).
METALS: Au.
GRADE(S): 0.057 g/m^3.
SIZE: 27,000 m^3.
PLACER TYPE(S): stream, bench, colluvial.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: In 1936-37, the grade of the material excavated from the west pit was $.05/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Some of the material worked was possibly landslide material.
REFERENCES: Lorain and Metzger, 1938.

NAME: Hundred Dollar Gulch

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 26N. RNG: 8E.
DISTRICT: Dixie.
METALS: Au.
GRADE(S): 0.733 g/m^3 Au.
SIZE: 6,600 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Upper workings were reported to yield as much as $100/day.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: The gold was sometimes still imbedded in quartz and was probably derived from small veins cutting the area.

COMMENTS: The 0.5 mile stretch between the workings and the mouth of the gulch might be workable (1938).
REFERENCES: Lorain and Metzger, 1938.

NAME: Idaho-Klondike

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 23N. RNG: 5E.
DISTRICT: Burgdorf.
COMPANY: Idaho Klondike Mining (1937).
METALS: Au.
GRADE(S): 17.5 g/m^3 Au.
SIZE: 2,934 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): drift.
BEDROCK SOURCE: unknown.
FINENESS: 800 (Au).
OTHER GEOLOGY: Drift mining of a very rich pay channel on a high bench. Gold is very coarse.
REFERENCES: Lorain and Metzger, 1938.

NAME: Jordan Creek.

COUNTRY/STATE: USID. COUNTY/PROVINCE: Custer.
LAT: 44-23-11N. LONG: 114-43-21W.
TNS: 12N. RNG: 15E.
DISTRICT: Yankee Fork.
COMPANY: Jordan Placers, Inc.; claims held by Jason Vaught, Stanley, ID.
METALS: Au; minor Ag.
GRADE(S): 0.611 g/m^3 Au.
SIZE: 604,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift, dragline.
PRODUCTION HISTORY: First placers claimed in 1873; dragline operations in 1948-1950 recovered 13,130 oz of gold from ground valued at $.54/cy; early mining was by drifting.
BEDROCK SOURCE: Seven veins in a broad shear zone.
FINENESS: 611 (Au).
COMMENTS: Maximum depth mined was 35 ft; lower 1.25 miles of creek were dragline d.
REFERENCES: Choate, 1962; MRDS Record W014191.

NAME: Kirtley Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Lemhi.
LAT: 45-12-33N. LONG: 113-47-52W.
TNS: 22N. RNG: 22E. SECTION: 25, 36.
DISTRICT: Kirtley Creek.
COMPANY: Kirtley Creek Dredging Co.
METALS: Au; minor Ag.
GRADE(S): 0.177 g/m^3 Au, 0.015 g/m^3 Ag.
SIZE: 4,240,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge, (hydraulic).
PRODUCTION HISTORY: dredging from 1911 to 1918; the dredging produced 24,145 oz Au and 2,038 oz Ag; production from hydraulic placering (18901894) was not recorded and is not included in this estimate; grade is based on dredge recovery of $.08-$.10 Au/cy ($20 Au).
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: ilmenite and magnetite present in the gravels.
REFERENCES: Lorain and Metzger, 1939; MRDS record W013359.

NAME: Lake Creek Co. Placers.

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
LAT: 45-20N. LONG: 115-10W.
TNS: 23N. RNG: 4E.
DISTRICT: Burgdorf.
COMPANY: Lake Creek Co.
METALS: Au.
GRADE(S): 0.296 g/m^3 Au.
SIZE: 428,000 m^3.
PLACER TYPE(S): stream, glacial-fluvial, residual
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Discovered prior to 1897; recovered $.15/cy in 1897.
BEDROCK SOURCE: decomposed granite.
OTHER GEOLOGY: abundant corundum; pre-Wisconsin moraines are deeply oxidized.
COMMENTS: Workings extend upslope 2000 feet; in 1940, the area was considered suitable for additional work.
REFERENCES: Capps, 1940.

NAME: Lamb Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 26N. RNG: 8E.
DISTRICT: Dixie.

METALS: Au.
GRADE(S): 0.774 g/m^3 Au.
SIZE: 5,990 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
BEDROCK SOURCE: unknown.
REFERENCES: Lorain and Metzger, 1938.

NAME: Monumental Bar

COUNTRY/STATE: USID. COUNTY/PROVINCE: Valley.
LAT: 45-09-42N. LONG: 115-07-42W.
TNS: 21N. RNG: 11E. SECTION: 16, 17.
DISTRICT: Ramey Ridge.
METALS: Au.
GRADE(S): 0.17 g/m^3 Au.
SIZE: 92,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size based on estimated reserves only; early production negligable or non-existant.
BEDROCK SOURCE: unknown.
COMMENTS: on Big Creek.
REFERENCES: Cater and others, 1973.

NAME: Moose Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
LAT: 45-49-55N. LONG: 115-35-29W.
TNS: 29N. RNG: 7E. SECTION: 28.
DISTRICT: Tenmile.
METALS: Au.
GRADE(S): 0.156 g/m^3 Au.
SIZE: 3,700,000 m^3.
PLACER TYPE(S): Tertiary, bench, stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Approximately $386,000 Au were produced by 1934 from 4 pits; estimate consists of production prior to 1934.
BEDROCK SOURCE: unknown.
FINENESS:
OTHER GEOLOGY: Terraces from few to 200 ft deep; large boulders rare; most gold close to bedrock; Au is in old channel deposits.
COMMENTS: Placer elevation is 4200 ft; placers are between Newsome and Moose Creeks.
REFERENCES: Shenon and Reed, 1934; Lorain and Metzger, 1938.

NAME: Newsome and Leggett Creeks

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
LAT: 45-45-15N. LONG: 115-37-41W.
TNS: 29N. RNG: 7E. SECTION: 20.
DISTRICT: Tenmile.
METALS: Au; minor Ag.
GRADE(S): 0.079 g/m^3 Au, 0.011 g/m^3 Ag.
SIZE: 497,000 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 930 oz Au and 128 oz Ag were produced 1904-12; about 650,000 cy gravel have been placered; the gravel value was reported to be about $.04 Au/cy (Au price assumed at $20.67/oz).
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravel is poorly-sorted with little clay, some sand lenses, and small boulders.
REFERENCES: MRDS record W015093; Shenon and Reed, 1934.

NAME: North Fork Boise River

COUNTRY/STATE: USID. COUNTY/PROVINCE: Boise.
LAT: 43-57N. LONG: 115-17W.
METALS: Au.
GRADE(S): 0.061 g/m^3 Au.
SIZE: 410,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
BEDROCK SOURCE: biotite granodiorite.
OTHER GEOLOGY: Valley is in a graben.
COMMENTS: Placer is in the Ten Mile West Rare II area.
REFERENCES: Benham and Avery, 1983.

NAME: North Fork Palouse River

COUNTRY/STATE: USID. COUNTY/PROVINCE: Latah.
LAT: 46-58-02N. LONG: 116-33-58W.
TNS: 42N. RNG: 2W.
DISTRICT: Hoodoo.
COMPANY: Northwest Gold Fields Co.
METALS: Au; minor Ag.
GRADE(S): 0.21 g/m^3 Au, 0.012 g/m^3 Ag.
SIZE: 2,200,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.

PRODUCTION HISTORY: The average Au value of gravels was $.18/cy; over 2,900,000 cy gravel were placered; placers discovered in 1860; 722 oz Au and 42 oz Ag were produced in 1947; Ag grade based on 1947 production.
BEDROCK SOURCE: unknown.
REFERENCES: MRDS record W015887.

NAME: Nugget Creek (South Fork)

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 26N. RNG: 8E.
DISTRICT: Dixie.
METALS: Au.
GRADE(S): 0.572 g/m^3 Au.
SIZE: 8,072 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: In 1937, a working strip 20 ft wide down the middle of the channel ran $.50/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Small veins traverse the area.
COMMENTS: Creek was worked along a 0.5 mile stretch.
REFERENCES: Lorain and Metzger, 1938.

NAME: Ruby Meadows

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 21N, 22N. RNG: 5E.
DISTRICT: Burgdorf.
COMPANY: Davis Mining Co.
METALS: Au.
GRADE(S): 0.978 g/m^3 Au.
SIZE: 861,000 m^3.
PLACER TYPE(S): glacial-fluvial, residual.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: Discovered during the Civil War; early work averaged $.50/cy; in 1938, Stratton and Associates placered 25,000 cy valued at $.18/cy.
BEDROCK SOURCE: weathered granitic rock with a veneer of glacial morainal material.
OTHER GEOLOGY: gravels tight, but not cemented; large percentage of boulders 12 ft in diameter.
REFERENCES: Capps, 1940.

NAME: Sand Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 25N. RNG: 4E.
DISTRICT: Florence.
METALS: Au.
GRADE(S): 0.466 g/m^3.
SIZE: 58,830 m^3.
PLACER TYPE(S): stream, residual.
MINING METHOD(S): dredge, dragline.
PRODUCTION HISTORY: A strip 600 ft by 100 ft was dredged prior to 1935; from 1935-36, J.F. Jones operated a dragline and floating washing plant.
BEDROCK SOURCE: decomposed quartz monzonite.
OTHER GEOLOGY: Gravels are overlain by 3 ft of peat; the angularity of the gold indicates that placer deposits in the Florence district are largely residual or the gold has been transported only very short distances.
REFERENCES: Lorain and Metzger, 1938.

NAME: Schissler Creek

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 23N. RNG: 6E.
DISTRICT: Warren.
METALS: Au.
GRADE(S): 0.530 g/m^3.
SIZE: 3,400,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): hydraulic, other unspecified methods.
PRODUCTION HISTORY: Eight men working the Meyers hydraulic claim worked 4,000 cy in 45 days and recovered $1,700 in Au.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels contain very little clay or cemented material but do contain a large percentage of boulders.
COMMENTS: Grade is probably a maximum.
REFERENCES: Lorain and Metzger, 1938.

NAME: Simmons Placer

COUNTRY/STATE: USID. COUNTY/PROVINCE: Valley.
LAT: 45-05-00N. LONG: 115-07-52W.
TNS: 20N. RNG: 11E. SECTION: 8.
DISTRICT: Monumental Creek.
METALS: Au.
GRADE(S): 0.064 g/m^3 Au.
SIZE: 940,000 m^3.

PLACER TYPE(S): stream (?).
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Trace to $.15 Au/cy with Au at $47.85/oz; deposit contains approximately 1,230,000 cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravels derived from rhyolite and quartzite; Au concentrated in upper and lower gravel layers; gravels contain less than 7% ilmenite and less than 1% zircon.
REFERENCES: MRDS record W015083; Cater and others, 1973.

NAME: Upper and Lower Butcher Bars

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 26N. RNG: 1E. SECTION: 26, 34, 35.
DISTRICT: Salmon River.
METALS: Au.
GRADE(S): 0.631 g/m^3 Au.
SIZE: 22,900 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): hydraulic.
BEDROCK SOURCE: schist.
COMMENTS: The operation was not economic due to cost of handling abundant large boulders (500 lbs - 3 tons).
REFERENCES: Lorain and Metzger, 1938.

NAME: Wards Gulch

COUNTRY/STATE: USID. COUNTY/PROVINCE: Lemhi.
LAT: 45-13-37N. LONG: 114-06-35W.
TNS: 22N. RNG: 20E. SECTION: 16, 21.
DISTRICT: Mackinaw.
METALS: Au.
GRADE(S): 0.493 g/m^3 Au.
SIZE: 3,000,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): drift, hydraulic.
PRODUCTION HISTORY: Size was estimated using the hydraulic grade; production exceeded $1,000,000 Au; much of the area was drift mined, especially along the sides of the gulch.
BEDROCK SOURCE: veins near granite-sedimentary rock contact.
FINENESS: 680 (Au).
OTHER GEOLOGY: most of the gold was concentrated in the 1 ft of gravel just above bedrock.
REFERENCES: Lorain and Metzger, 1939.

NAME: Welch Bar

COUNTRY/STATE: USID. COUNTY/PROVINCE: Bingham.
LAT: 43-08-54N. LONG: 112-27-26W.
TNS: 3S. RNG: 34E. SECTION: 22.
DISTRICT: Blackfoot Area.
METALS: Au.
GRADE(S): 0.64 g/m^3 Au.
SIZE: 444,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: gravel carried $.55 Au/cy.
BEDROCK SOURCE: unknown.
FINENESS: 882 (Au).
OTHER GEOLOGY: pay gravels about 18 ft deep.
COMMENTS: 20 acres of gravel were washed.
REFERENCES: Fahrenwald and others, 1939; MRDS record W015658.

NAME: Windmiser

COUNTRY/STATE: USID. COUNTY/PROVINCE: Idaho.
TNS: 28N. RNG: 7E.
DISTRICT: Elk City.
COMPANY: Frank Windmiser.
METALS: Au.
GRADE(S): 0.908 g/m^3 Au.
SIZE: 917 m^3.
PLACER TYPE(S): Tertiary, bench.
MINING METHOD(S): hydraulic.
BEDROCK SOURCE: unknown.
COMMENTS: Placer is 400 ft above the river.
REFERENCES: Lorain and Metzger, 1938.

NAME: Ajax Placer

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Sanders.
LAT: 47-51-29N. LONG: 115-27-26W.
TNS: 24N. RNG: 30W. SECTION: 9.
DISTRICT: Cabinet.
COMPANY: Albert Thayer.
METALS: Au.
GRADE(S): 1.2 g/m^3 Au.
SIZE: 80,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: Albert Thayer (operator 1948-1961) reported $60,000 Au was produced 1930-1936 and $3,500 Au was produced 1948-1961; the grade (1948-1961) averaged $1.00/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gold is in the upper gravels within several feet of the surface.
REFERENCES: Johns, 1970; MRDS record DC11291.

NAME: Argenta

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Beaverhead.
TNS: 6S. RNG: 10W.
METALS: Au; minor Ag.
GRADE(S): 2.7 g/m^3 Au, 0.27 g/m^3 Ag.
SIZE: 1,222 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: 107 oz Au and 11 oz Ag were produced from 1,600 cy material (1902-65).
BEDROCK SOURCE: contact lode deposits north of Argenta.
COMMENTS: Placer is on Rattlesnake Creek; this placer is composed of two widely separated sites.
REFERENCES: Geach, 1972.

NAME: Baldy Mountain (Dyce Creek)

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Beaverhead.
TNS: 7S. RNG: 12W.
METALS: Au; minor Ag.
GRADE(S): 24 g/m^3 Au, 2.0 g/m^3 Ag.
SIZE: 150 m^3.
PLACER TYPE(S): stream.

MINING METHOD(S): panning.
PRODUCTION HISTORY: Area was prospected in 1860's, but there was no production until 1886; 120 oz Au and 10 oz Ag were recovered from 200 cy of material (1902-65).
BEDROCK SOURCE: contact lode deposits in Baldy Mountain District.
OTHER GEOLOGY: Gravels contain cobbles of limestone, quartzite, and diorite.
COMMENTS: One nugget was valued at $1.50.
REFERENCES: Geach, 1972.

NAME: Bannock (Grasshopper Creek).

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Beaverhead.
TNS: 8S. RNG: 11W.
METALS: Au; minor Ag.
GRADE(S): 0.27 g/m^3 Au, 0.016 g/m^3 Ag.
SIZE: 1,730,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): sluice, dredge, hydraulic.
PRODUCTION HISTORY: Placers discovered in 1862; 15,500 oz Au and 887 oz Ag were recovered from 2,260,000 cy of material (1902-65).
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Placers are of two types--Pleistocene terrace deposits that are about 100 feet above the creek and recent stream gravels.
COMMENTS: The terrace gravels were worked by hydraulic mining, the stream gravels by sluicing and dredging.
REFERENCES: Geach, 1972.

NAME: Big Blackfoot District

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Powell.
TNS: 13N. RNG: 10W.
METALS: Au; minor Ag.
CONTAINED METAL:
GRADE(S): 1.7 g/m^3 Au; 0.36 g/m^3 Ag.
SIZE: 55,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: A total of 2,983 oz Au were produced through 1968.
BEDROCK SOURCE: unknown.
REFERENCES: McClernan, 1976.

NAME: Big Hole, Wisdom

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Beaverhead.
TNS: 2S. RNG: 15W.
METALS: Au; minor Ag.
GRADE(S): 4.7 g/m^3 Au, 0.81 g/m^3 Ag.
SIZE: 1,800 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): hydr ulic.
PRODUCTION HISTORY: Deposit was discovered in 1869 and paid as much as $14 per day per man; 264 oz Au and 46 oz Ag were recovered from 2,340 cy of material (1902-65).
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Benches appear to be composed of ancient river channel gravels; spoils include pieces of quartzite, granite, and aplite.
COMMENTS: Workings are on Steel Creek; production prior to 1902 is not included in this estimate.
REFERENCES: Geach, 1972.

NAME: Boulder River

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Jefferson.
TNS: 6N. RNG: 5W.
METALS: Au; minor Ag.
GRADE(S): 1.3 g/m^3 Au, 0.40 g/m^3 Ag.
SIZE: 45,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredging.
PRODUCTION HISTORY: Most production prior to 1902 with most of the gold comming from the Basin Creek placers (1868-72); "several thousands of dollars" of gold were produced each year until 1890; 845 oz Au were produced from 1933-38.
BEDROCK SOURCE: unknown.
COMMENTS: Includes placers Galena Gulch, Boomerang Gulch, Cataract Creek, High Ore Creek, Muskrat Creek, Wilson Creek, Basin Creek, Overland and Rocker Creeks.
REFERENCES: Roby and others, 1960.

NAME: Confederate Gulch District.

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Broadwater.
TNS: 9N, 10N. RNG: 2E, 3E.
METALS: Au.
GRADE(S): 0.244 g/m^3 Au.
SIZE: 28,800,000 m^3.
PLACER TYPE(S): stream, bench.

MINING METHOD(S): dredge, dragline, hydraulic, panning, dryland dredge, power shovel.
PRODUCTION HISTORY: Production to 1933 in Cement Gulch, Montana Gulch, Confederate Gulch, Bouler Bars, Diamond Bar and Montana Bar exceeded a value of $6,000,000. Confederate Gulch was the largest producer; area was discovered in 1866.
BEDROCK SOURCE: quartz lodes on Miller Mountain.
COMMENTS: Size estimate may be too large because some areas of the district were very rich and probably exceeded the reported grades by several factors.
REFERENCES: Lyden, 1948.

NAME: El Dorado Bar

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Lewis and Clark.
TNS: 11N. RNG: 2W. SECTION: 10.
METALS: Au.
GRADE(S): 0.16 g/m^3 Au.
SIZE: 3,200,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge, some hand placering.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Large number of sapphires have been found.
COMMENTS: Placer is in Missouri River - Canyon Ferry area.
REFERENCES: McClernan, 1983; Lyden, 1948.

NAME: Elkhorn Creek

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Jefferson.
TNS: 6N. RNG: 3W.
METALS: Au.
GRADE(S): 0.10 g/m^3 Au, 0.011 g/m^3 Ag.
SIZE: 273,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dragline.
BEDROCK SOURCE: unknown.
REFERENCES: Roby and others, 1960.

NAME: Elliston Distict

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Powell.
TNS: 8N, 9N. RNG: 6W.
METALS: Au; minor Ag.
CONTAINED METAL: 17,600.96 g Au, 3,576 g Ag.

GRADE(S): 0.244 g/m^3 Au, 0.049 g/m^3 Ag.
SIZE: 71,000 m^3.
PLACER TYPE(S): stream (?).
MINING METHOD(S): hand methods.
PRODUCTION HISTORY: 193 oz Au and 31 oz Ag were produced from 30,000 cy material in 1938.
BEDROCK SOURCE: unknown.
REFERENCES: McClernan, 1976.

NAME: Henderson Creek

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Granite.
TNS: 9N. RNG: 13-14W.
METALS: Au; minor W, Ag.
CONTAINED METAL: 1,900,000 g Au.
GRADE(S): 0.33 g/m^3.
SIZE: 5,800,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): sluice, dredge, hydraulic.
PRODUCTION HISTORY: More than $1,000,000 Au was produced before 1913; $69,685 Au was produced in 1943 averaging $.116/cy.
BEDROCK SOURCE: Gold derived from deposits of Sunrise and Henderson Mountains.
REFERENCES: Lyden, 1948.

NAME: Indian Creek

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Broadwater.
TNS: 7N. RNG: 1E.
METALS: Au.
GRADE(S): 0.231 g/m^3 Au.
SIZE: 2,617,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): dredge, dragline, panning, dryland dredge.
PRODUCTION HISTORY: Placer was discovered about 1870; $50,000 was produced in 1871 or about $7 per person per day; about 3,000,000 cy material were worked 1940-47.
BEDROCK SOURCE: free gold veins in the Hassel Mining District.
COMMENTS: Size and grade estimates do not include early mining of rich bench material for which numbers were not available.
REFERENCES: Lyden, 1948.

NAME: Jeff Davis Gulch

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Beaverhead.
TNS: 11S. RNG: 13W.
COMPANY: McLeod Dredge.
METALS: Au; minor Ag.
GRADE(S): 0.081 g/m^3 Au.
SIZE: 1,092,500 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dryland dredge.
PRODUCTION HISTORY: In 1946, 188 oz Au was produced from 77,000 cy gravel; total production value of dryland dredge was $100,000; area worked since 1880's.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravel is well-sorted; gold concentrated near bedrock.
REFERENCES: Lyden, 1948.

NAME: Lanstrum Drift Mine

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Lewis and Clark.
LAT: 46-56N. LONG: 112-45W.
TNS: 14N. RNG: 9W.
DISTRICT: Lincoln.
COMPANY: Lanstrum Co.
METALS: Au.
GRADE(S): 122 g/m^3 Au.
SIZE: 86,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: $7,000,000 was produced from a drift mine operated by the Lanstrum Co. in 1904; production from concurrent ground sluicing and production by as many as a hundred miners in the 1860's and 1870's was not reported; 129 oz Au produced in 1942 by dredging were not included in this size estimate.
BEDROCK SOURCE: unknown.
REFERENCES: Lyden, 1948.

NAME: Last Chance Placer (Northern Area)

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Lewis and Clark.
LAT: 46-34-55N. LONG: 112-01-45W.
DISTRICT: Helena.
METALS: Au.
GRADE(S): 0.303 g/m^3 Au.
SIZE: 7,210,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.

PRODUCTION HISTORY: Over $2,500,000 Au were dredged from the area north of Helena in 1935-1945; grade averaged less than $.17 Au/cy ($20 Au).
BEDROCK SOURCE: veins in hornfels and contact metamorphic rocks.
COMMENTS: The southern area of the Last Chance Placers (not included here) were reported to have produced $16,000,000 Au by 1910 from gravels of unknown grade.
REFERENCES: Lyden, 1948; McClernan, 1983.

NAME: Lively Placer

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Beaverhead.
LAT: 44-53-44N. LONG: 113-13-34W.
TNS: 11S. RNG: 13W. SECTION: 7.
DISTRICT: Chinatown.
METALS: Au.
CONTAINED METAL:
GRADE(S): 0.788 g/m^3 Au.

SIZE: 1,530 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: 2,000 cy gravel were sluiced in 1932.
BEDROCK SOURCE: porphyry dikes.
REFERENCES: MRDS record D007124.

NAME: Lowland Creek

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Jefferson.
TNS: 5N. RNG: 7W.
METALS: Au; minor Ag.
GRADE(S): 0.192 g/m^3 Au, 0.113 g/m3 Ag.
SIZE: 1,400,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 8,500 oz Au and 5,000 oz Ag were recovered from over 1,800,000 cy material (1902-57).
BEDROCK SOURCE: unknown.
REFERENCES: Roby and others, 1960.

NAME: Mitchell Creek

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Jefferson.
TNS: 9N. RNG: 2W.

METALS: Au.
GRADE(S): 0.351 g/m^3 Au.
SIZE: 26,700 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
BEDROCK SOURCE: unknown.
REFERENCES: Roby and others, 1960.

NAME: Nine Mile Creek Placers

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Missoula.
LAT: 47-09-49N. LONG: 114-31-00W.
TNS: 16N. RNG: 23W. SECTION: 9.
DISTRICT: Nine Mile.
METALS: Au.
GRADE(S): 0.237 g/m^3 Au.
SIZE: 1,400,000 m^3.
PLACER TYPE(S): glacial-fluvial.
MINING METHOD(S): dragline, dryland dredge.
PRODUCTION HISTORY: In 1941, operations along Josephine, McCormick and Nine Mile Creeks washed a total of 506,187 cy gravel and recovered 2,858 oz Au.
BEDROCK SOURCE: unknown.
FINENESS: 980 (Au).
OTHER GEOLOGY: Gravel is cemented with clay that makes gold recovery difficult; gold is well-rounded to angular and irregularly distributed.
COMMENTS: Placer area includes Eustache Creek, Housum placers, Josephine Creek and McCormick Creek.
REFERENCES: Lyden, 1948; MRDS record DC08415.

NAME: Ophir District

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Powell.
TNS: 10N, 11N. RNG: 7W, 8W.
METALS: Au; minor Ag.
GRADE(S): 0.33 g/m^3 Au; 0.11 g/m^3 Ag.
SIZE: 1,300,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
BEDROCK SOURCE: unknown.
REFERENCES: McClernan, 1976.

NAME: Pioneer (Gold Creek) District.

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Powell.
TNS: 9N, 10N. RNG: 10W, 11W.
COMPANY: Pioneer Placer Dredging Co.
METALS: Au; minor Ag.
GRADE(S): 0.21 g/m^3 Au; 0.023 g/m^3 Ag.
SIZE: 5,700,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredging.
BEDROCK SOURCE: unknown.
REFERENCES: McClernan, 1976.

NAME: Prickly Pear Creek.

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Jefferson.
TNS: 8N. RNG: 3W.
METALS: Au; minor Ag.
GRADE(S): 0.23 g/m^3 Au, 0.081 g/m^3 Ag.
SIZE: 12,000,000 m^3/.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
BEDROCK SOURCE: unknown.
REFERENCES: Roby and others, 1960.

NAME: Vermilion River.

COUNTRY/STATE: USMT. COUNTY/PROVINCE: Sanders.
LAT: 47-52N. LONG: 115-26W.
TNS: 24N. RNG: 30W. SECTION: 3.
METALS: Au; minor Ag.
GRADE(S): 0.32 g/m^3 Au, 0.088 g/m^3 Ag.
SIZE: 26,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): suction dredge, other unspecified.
PRODUCTION HISTORY: $3,785 Au was produced in 1934; between 1933 and 1946 a total of 434 oz Au and 74 oz Ag were recovered from 34,085 cy of material.
BEDROCK SOURCE: unknown.
REFERENCES: Crowley, 1963.

NAME: Cloverdale District

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Nye.
TNS: 8N, 9N, 10N. RNG: 40E.
METALS: Au.
GRADE(S): 1.5 g/m^3 Au.
SIZE: 2,800 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dry washing.
PRODUCTION HISTORY: Discovered in 1906; in 1928, drilling indicated values of $.10-$1.50 Au/cy.
BEDROCK SOURCE: Gold from the lodes at East and West Golden mining areas.
REFERENCES: Johnson, 1973a.

NAME: Dutch Flat

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Humboldt.
METALS: Au; minor W, Hg.
GRADE(S): 1.75 g/m^3 Au.
SIZE: 80,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): rocker.
PRODUCTION HISTORY: discovered in 1893.
BEDROCK SOURCE: quartz veins in a granodiorite stock and the Harmony Fm.
OTHER GEOLOGY: Hg originates from fillings in the Harmony sandstone; the W is probably from contact metamorphic deposits; the Hg mineralization is younger than the Au mineralization.
REFERENCES: Johnson, 1973a.

NAME: Gold Butte District

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Clark.
TNS: 22S. RNG: 70E.
METALS: Au.
GRADE(S): 2.91 g/m^3 Au.
SIZE: 107 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 1 oz recorded production, but Johnson estimates 10 oz of Au production.
BEDROCK SOURCE: veins in the Precambrian granite forming Gold Butte.
REFERENCES: Johnson, 1973a.

NAME: Hampton Placer

COUNTRY/STATE: USNV. COUNTY/PROVINCE: White Pine.
LAT: 39-05N. LONG: 114-25W.
TNS: 14N. RNG: 67E.
DISTRICT: Osceola.
METALS: Au.
GRADE(S): 0.807 g/m^3 Au.
SIZE: 2,292 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): sluice, dragline, rocker.
PRODUCTION HISTORY: In 1935, 3,000 cy of material valued at $.695/cy were worked.
BEDROCK SOURCE: unknown.
COMMENTS: Placer is in Dry Gulch.
REFERENCES: Hose and others, 1976.

NAME: Ione

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Nye.
TNS: 13N. RNG: 39E.
DISTRICT: Union.
METALS: Au.
GRADE(S): 1.484 g/m^3 Au.
SIZE: 2,097 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: In 1950, the ground was valued at $1.50/cy.
BEDROCK SOURCE: stringers in Tertiary rhyolite.
OTHER GEOLOGY: Surface debris and gravels overlying caliche layers were mined.
REFERENCES: Johnson, 1973a.

NAME: Lynn District

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Eureka.
TNS: 35N. RNG: 50E, 51E.
COMPANY: Southern Pacific.
METALS: Au.
CONTAINED METAL: 311,000 g Au.
GRADE(S): 0.448 g/m^3 Au.
SIZE: 916,800 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): sluice, dragline, dry washing, panning.

PRODUCTION HISTORY: Placers were discovered in 1907; values in the early days ran as high as $1.50-$8.00/cy; in 1952, Ura Goldmines worked material worth $.40-$1.00/cy; Southern Pacific has identified reserves in a dissected alluvial fan as being greater than 1,000,000 cy and worth as much as $.22/cy.
BEDROCK SOURCE: auriferous quartz veins and stringers in chert of the Ordivician Vinini Fm.
FINENESS: 920-960 (Au).
OTHER GEOLOGY: Gold is fairly coarse and is concentrated in the 4 ft of gravels just above bedrock; in places, substantial overburden makes placering uneconomical; the largest nugget found was reported to be worth $21.
REFERENCES: Johnson, 1973a; Roberts and others, 1967.

NAME: Manhatten Alluvial Fan

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Nye.
LAT: 38-32N. LONG: 117-09W.
DISTRICT: Manhatten.
COMPANY: Manhatten Gold Corp. (1975).
METALS: Au.
GRADE(S): 0.63 g/m^3 Au.
SIZE: 760,000,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size and grade estimate consists of unmined alluvial fan reserves at the mouth of Manhatten Gulch; gravel processed at a test plant ran $.40-$24.00 Au/cy and averaged $2 - $3/cy (1975 prices).
BEDROCK SOURCE: lode deposits in limestone and schist of Gold Hill Fm, minor deposits in Tertiary rocks.
COMMENTS: see Manhatten Gulch record.
REFERENCES: MRDS record M233583; Kleinhampl and Ziony, 1984.

NAME: Manhatten Gulch

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Nye.
LAT: 38-32-20N. LONG: 117-09-07W.
TNS: 8N. RNG: 43E, 44E.
DISTRICT: Manhatten.
COMPANY: Manhatten Gold Dredging Co. (1946).
METALS: Au; minor Ag.
GRADE(S): 0.27 g/m^3 Au, 0.046 g/m^3 Ag.
SIZE: 16,700,000 m^3.
PLACER TYPE(S): desert, stream, bench.
MINING METHOD(S): sluice, dredge, drift, dry washing.

PRODUCTION HISTORY: placer work started 1906 with dry washing; in 1908, W. McDonald produced $10 Au/cy from a drift; dredging 1938-46 produced $4,596,427 Au from gravels estimated to value $.21 Au/cy by Kral; Kleinhampl and Ziony report a total 1907-1967 production of 147,700 oz Au and 24,638 oz Ag.
BEDROCK SOURCE: lode deposits in Cambrian Gold Hill Fm limestone and schist and lesser deposits in Tertiary rocks.
FINENESS: 700-740 (Au), 255-292 (Ag).
OTHER GEOLOGY: grav l richest just above bedrock, gravels are largely Pleistocene to recent in age; considerable barite and magnetite and some psilomelane, pyrite, limonite and cinnabar are in gravels.
COMMENTS: see Manhatten Alluvial Fan record.
REFERENCES: MRDS record M233583; Kleinhampl and Ziony, 1984; Kral, 1951.

NAME: Mill Gulch

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Lander.
TNS: 28N. RNG: 47E.
DISTRICT: Bullion.
COMPANY: Mill Gulch Placer Co. (1937-1939).
METALS: Au; minor Ag, W.
GRADE(S): 0.322 g/m^3 Au, 0.037 g/m^3 Ag.
SIZE: 580,000 m^3.
PLACER TYPE(S): desert, stream.
MINING METHOD(S): dragline, hand methods.
PRODUCTION HISTORY: Discovered in 1916, but little development until the 1930's; 800 oz Au and 93 oz Ag were recovered form 101,382 cy material in 1939; work ended in 1942.
BEDROCK SOURCE: veins near the margin of a granodiorite stock and in adjacent chert.
OTHER GEOLOGY: mineralization of stock is Oligocene in age.
REFERENCES: Johnson, 1973a.

NAME: Mount Grant

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Mineral.
TNS: 8N. RNG: 28E.
DISTRICT: East Walker.
METALS: Au.
GRADE(S): 0.640 g/m^3 Au.
SIZE: 11,500 m^3.
PLACER TYPE(S): stream, residual.
MINING METHOD(S): sluice, dragline.
PRODUCTION HISTORY: First worked 1906; actively worked 1935-1940.
BEDROCK SOURCE: small fissure veins in Cretaceous granites.

FINENESS: 898 (Au).
OTHER GEOLOGY: gold was coarse; "black loam" overlying decomposed granite was the major material worked.
COMMENTS: on Naval Ammunition Depot.
REFERENCES: Johnson, 1973a.

NAME: Olinghouse - Frank Free Canyons Alluvial Fans

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Washoe.
LAT: 39-30N. LONG: 119-20W.
TNS: 21N. RNG: 23E.
DISTRICT: Olinghouse.
COMPANY: Natomas Co.
METALS: Au.
GRADE(S): 0.275 g/m^3 Au.
SIZE: 7,900,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Natomas Co. explored alluvial fans from 1939-1954; 4 shafts gave samples assaying $.08 - $.94 Au/cy; churn drill samples averaged $.2366 Au/cy ($35 Au); size estimate is to depth of 75 ft.
BEDROCK SOURCE: Au-bearing quartz and calcite veins in andesites and intrusive granodiorite porphyry (Miocene-Pliocene).
FINENESS: 680 (Au).
REFERENCES: Bonham, 1969; Johnson, 1973a.

NAME: Pine Nut Mountain

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Carson City, Douglas.
METALS: Au.
GRADE(S): 0.69 g/m^3 Au.
SIZE: 38,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: no production; discovered May 7, 1983.
BEDROCK SOURCE: unknown.
FINENESS: 920-950 (Au).
REFERENCES: California Mining Journal, 1984a.

NAME: Triplett Gulch

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Lander.
DISTRICT: Bullion.

METALS: Au; minor Ag.
GRADE(S): 0.552 g/m^3 Au, 0.053 g/m^3 Ag.
SIZE: 91,700 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dry washing.
PRODUCTION HISTORY: worked in 1940.
BEDROCK SOURCE: veins near contact of Oligocene granodiorite stock and adjacent chert.
OTHER GEOLOGY: The gold is coarse and occurs in a mixture of sand, soil and rock fragments.
COMMENTS: adjacent to Mill Gulch.
REFERENCES: Johnson, 1973a.

NAME: Tuscarora

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Elko.
TNS: 39N, 40N. RNG: 51E.
METALS: Au.
GRADE(S): 4.43 g/m^3 Au.
SIZE: 330,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: discovered in 1867; in 1909, gravel values ran $1-$3.50/cy.
BEDROCK SOURCE: veins and stringers in bedded volcanics.
OTHER GEOLOGY: nuggets to 1 oz in size.
REFERENCES: Johnson, 1973a.

NAME: Van Duzer

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Elko.
TNS: 44N, 45N. RNG: 53E, 54E.
METALS: Au.
GRADE(S): 0.599 g/m^3 Au.
SIZE: 520,000 m^3.
PLACER TYPE(S): desert (?), stream.
MINING METHOD(S): sluice, dredge, hydraulic.
PRODUCTION HISTORY: Discovered in 1893; reported values were $.33 Au/cy in 1948 and $.70 Au/cy in 1949.
BEDROCK SOURCE: veins in Ordovician Valmy Fm.
OTHER GEOLOGY: nuggets to 5 or 6 oz in size.
REFERENCES: Johnson, 1973a.

NAME: Willow Creek District

COUNTRY/STATE: USNV. COUNTY/PROVINCE: Pershing.
TNS: 31N, 32N. RNG: 36E.
METALS: Au; minor Ag.
GRADE(S): 1.23 g/m^3 Au.
SIZE: 133,000 m^3.
PLACER TYPE(S): desert.
MINING METHOD(S): dragline, unspecified other.
PRODUCTION HISTORY: Most active 1938-1964; in 1949-1950, W. Calder mined gravels containing $.24-$1.85 Au/cy.
BEDROCK SOURCE: Au-bearing calcite and quartz veins.
OTHER GEOLOGY: Au concentrated in channel-fill near bedrock that is overlain by alluvium.
REFERENCES: Johnson, 1973a.

NAME: Picuris

COUNTRY/STATE: USNM. COUNTY/PROVINCE: Taos.
TNS: 24N. RNG: 11E.
COMPANY: La Grande Gravel Mining Co.
METALS: Au.
GRADE(S): 0.13 g/m^3 Au.
SIZE: 1,500 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
BEDROCK SOURCE: unknown.
REFERENCES: Johnson, 1972b.

NAME: Benson

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Josephine.
LAT: 42-38-24N. LONG: 123-29-12W.
TNS: 34S. RNG: 7W. SECTION: 2.
DISTRICT: Greenback.
METALS: Au; minor Pt.
GRADE(S): 0.51 g/m^3 Au.
SIZE: 2,300,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: grade based on production through 1940; by 1940, 12,500 oz Au had been produced from 1,000,000 cy gravel with an estimated 2,000,000 cy reserves; deposit worked intermittantly.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: bedrock is composed of metavolcanics.
REFERENCES: MRDS record M013716.

NAME: Bullrun Creek

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Baker.
LAT: 44-23-17N. LONG: 118-14-21W.
TNS: 13S, 14S. RNG: 36E.
DISTRICT: Unity.
COMPANY: Ferris Mining Co.
METALS: Au; minor Ag.
GRADE(S): 1.46 g/m^3 Au, 0.163 g/m^3 Ag.
SIZE: 46,600 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Ferris Mining Company ran a dredge in this area from October, 1940 to July, 1941 and recovered 2,161 oz Au and 253 oz Ag from 61,000 cy of gravel.
BEDROCK SOURCE: sourece lodes on adjacent ridges have been eroded away.
REFERENCES: Brooks and Ramp, 1968.

NAME: Deep Gravel

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Josephine.
LAT: 42-04-07N. LONG: 123-38-27W.
TNS: 40S. RNG: 8W. SECTION: 21.
DISTRICT: Waldo area.
METALS: Au, minor Pt.

GRADE(S): 0.489 g/m^3 Au.
SIZE: 843,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: Total production to 1933 was $276,000 Au from gravels averaging $.25/cy ($20 Au).
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels alternately are a Tertiary conglomerate and Pleistocene "auriferous gravels of the second cycle of erosion"; Au to Pt ratio is 75:1.
COMMENTS: in Butcher Gulch.
REFERENCES: Brooks and Ramp, 1968; MRDS record M060676.

NAME: Dixie Placers

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Grant.
TNS: 12S, 13S. RNG: 33E. SECTION:
DISTRICT: Quartzburg area.
METALS: Au.
GRADE(S): 0.183 g/m^3 Au.
SIZE: 4,920,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge, hydraulic, panning.
PRODUCTION HISTORY: Discovered before 1870; total production has been reported as $600,000 although amounts as high as $6,000,000 have also been reported.
BEDROCK SOURCE: metamorphosed volcanics, gabbro.
COMMENTS: Placers extend 5 miles along Dixie Creek.
REFERENCES: Brooks and Ramp, 1968.

NAME: Elkhorn Placer Mine

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Josephine.
LAT: 42-25-23N. LONG: 123-42-25W.
TNS: 36S. RNG: 9W. SECTION: 24.
DISTRICT: Illinois-Chetco.
METALS: Au.
GRADE(S): 0.175 g/m^3 Au.
SIZE: 148,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: gravels said to run $.15 Au/cy in 1935.
BEDROCK SOURCE: unknown.
FINENESS: 912-964 (Au).
OTHER GEOLOGY: gravels up to 35 ft deep, but average 12 ft.
COMMENTS: Placer area covers approximately 10 acres.
REFERENCES: MRDS record M013497.

NAME: Foots Creek Placers

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Jackson.
TNS: 37S, 36S. RNG: 4W.
DISTRICT: Gold Hill area.
COMPANY: Murphy Murray Dredging Co.
METALS: Au; minor Ag.
GRADE(S): 0.277 g/m^3 Au, 0.040 g/m^3 Ag.
SIZE: 479,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: In 1940, 627,261 cy gravel contained 616 oz Ag and 4,253 oz Au; no earlier production figures were found.
BEDROCK SOURCE: unknown.
REFERENCES: Brooks and Ramp, 1968.

NAME: Forest Creek

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Jackson.
TNS: 38S. RNG: 3W.
COMPANY: B-it Co. (1940-41); Hayfork Dredge (1940-41).
METALS: Au.
GRADE(S): 0.244 g/m^3 Au.
SIZE: 3,640,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge, hydraulic.
PRODUCTION HISTORY: Total production is estimated to have exceeded $1,000,000 Au; gravel values ran $.06-$.36/cy ($35 Au).
BEDROCK SOURCE: unknown.
REFERENCES: Brooks and Ramp, 1968.

NAME: High Gravel

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Josephine.
TNS: 40S. RNG: 8W. SECTION: 33, 34.
DISTRICT: Waldo area.
METALS: Au.
GRADE(S): 0.059 g/m^3 Au.
SIZE: 2,290,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: Mine operated from the 1870's to 1917 with an estimated production of $90,000 Au; the gravels averaged $.03/cy ($20 Au).
BEDROCK SOURCE: unknown.

OTHER GEOLOGY: Bench gravels are "old" and cemented, although partially decomposed; gravels are described as Tertiary conglomerate or Pleistocene "auriferous gravels of the second cycle of erosion."
REFERENCES: Brooks and Ramp, 1968.

NAME: Humbug Creek

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Jackson.
TNS: 38S. RNG: 4W. SECTION:
METALS: Au.
GRADE(S): 0.868 g/m^3 Au.
SIZE: 1,150,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: In 1943, it was estimated that 1.5 million cy gravel were present with a value of $.35-$1.14 Au/cy ($35 Au).
BEDROCK SOURCE: metavolcanics.
OTHER GEOLOGY: Gravel is generally small in size with few boulders.
COMMENTS: seasonal operations.
REFERENCES: Brooks and Ramp, 1968.

NAME: Llano de Oro (Esterly)

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Josephine.
LAT: 42-04-01N. LONG: 123-27-40W.
TNS: 40S. RNG: 8W.
DISTRICT: Waldo area.
METALS: Au; minor Ag, PGM.
CONTAINED METAL:
GRADE(S): 0.41 g/m^3 Au, 0.013 g/m^3 Ag.
SIZE: 2,050,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: $500,000 Au was produced prior to 1933; $100,000 Au was produced 1933-1968; value of early gravels was $.125-$.335/cy ($20 Au); in 1933, 421 oz Au and 25 oz Ag were produced from 75,000 cy gravel.
BEDROCK SOURCE: unknown.
FINENESS: 955 (Au).
OTHER GEOLOGY: Platinum to gold ratio is 1 to 50; gravels are described Tertiary conglomerate or Pleistocene "auriferous gravels of the second cycle of erosion."
COMMENTS: The hydraulic pits are now the Esterly Lakes.
REFERENCES: Brooks, and Ramp, 1968.

NAME: Sterling Creek

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Jackson.
LAT: 42-13-47N. LONG: 122-56-19W.
TNS: 38S, 39S. RNG: 2W.
COMPANY: Sterling Mining Co.
METALS: Au.
GRADE(S): 0.81 g/m^3 Au.
SIZE: 5,730,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): hydraulic, panning, drift.
PRODUCTION HISTORY: $3,000,000 Au had been produced by 1914 from gravels averaging $.40 Au/cy ($20 Au).
BEDROCK SOURCE: greenstone (?).
OTHER GEOLOGY: Gravels are cemented; Au is medium to coarse.
COMMENTS: nuggets to $100 in value.
REFERENCES: Brooks and Ramp, 1968; MRDS record M061166.

NAME: Stratton Creek Placer

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Josephine.
LAT: 42-33-22N. LONG: 123-32-29W.
TNS: 35S. RNG: 7W. SECTION: 4.
DISTRICT: Galice.
METALS: Au.
GRADE(S): 0.116 g/m^3 Au.
SIZE: 76,400 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Over 100,000 cy were placered by 1947; size estimate is based on production only although a "large quantity of gravels remain" was reported in 1947.
BEDROCK SOURCE: unknown.
REFERENCES: MRDS record M015255.

NAME: Sumpter Placer

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Baker.
TNS: 37E, 38E. RNG: 10S.
COMPANY: Powder River Dredging Co. (1950-1954).
METALS: Au; minor Ag.
GRADE(S): 0.20 g/m^3 Au, 0.049 g/m^3 Ag.
SIZE: 46,300,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: A total of 60,625,514 cy gravel were dredged containing 296,906 oz Au and 70,983 oz Ag.

BEDROCK SOURCE: Bald Mountain batholith; Elkhorn volcanics.
COMMENTS: Placered area covers 2,603 acres.
REFERENCES: Brooks and Ramp, 1968.

NAME: Three L's Placer (Yokum)

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Josephine.
LAT: 42-38-40N. LONG: 123-30-22W.
TNS: 34S. RNG: 7W. SECTION: 3.
DISTRICT: Galice.
METALS: Au.
GRADE(S): 0.26 g/m^3 Au.
SIZE: 8,800,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: 75,000 oz Au were produced by 1940; gravel was reported to carry 0.0065 oz Au/cy.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Au is medium-coarse and the size of wheat-grain; no clay in gravels.
REFERENCES: MRDS record M013718.

NAME: Williams

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Jackson.
LAT: 42-34-34N. LONG: 123-11-46W.
TNS: 34S. RNG: 4W. SECTION: 32.
DISTRICT: Gold Hill.
METALS: Au.
GRADE(S): 0.29 g/m^3 Au.
SIZE: 222,000 m^3.
PLACER TYPE(S): stream (?).
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: size estimate is a maximum; grade was reported as $.25 Au/cu in 1938.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gold is coarse.
COMMENTS: 15 acres were worked.
REFERENCES: MRDS record M061412.

NAME: Winchester - Houston

COUNTRY/STATE: USOR. COUNTY/PROVINCE: Jackson.
LAT: 42-23-10N. LONG: 122-58-49W.

TNS: 37S. RNG: 2W. SECTION: 6.
DISTRICT: Jacksonville.
METALS: Au.
GRADE(S): 0.49 g/m^3 Au.
SIZE: 465,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): hydraulic.
PRODUCTION HISTORY: production from 1853-1939 reported to have averaged $.25 Au/cy (assumed $20.67 Au).
BEDROCK SOURCE: unknown.
FINENESS: 860.
OTHER GEOLOGY: Au is medium- to fine-grained.
COMMENTS: on Lane Creek; record includes Hershberger, Hustin, and Spraque placers.
REFERENCES: MRDS record M061159.

NAME: Bingham

COUNTRY/STATE: USUT. COUNTY/PROVINCE: Salt Lake.
TNS: 3S. RNG: 3W.
METALS: Au.
GRADE(S): 0.12 g/m^3 Au.
SIZE: 20,000,000 m^3.
PLACER TYPE(S): Stream, bench.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Discovered 1864; greatest activity 1868-1872; total production of over 75,000 oz Au; the average grade of lower 30 ft of bench gravels was $.10/cy but ran as high as $31/cy in some old channel deposits.
BEDROCK SOURCE: Honeycombed silicieous gangue associated with Bingham ore bodies.
REFERENCES: Johnson, 1973b.

NAME: Crescent Creek

COUNTRY/STATE: USUT. COUNTY/PROVINCE: Garfield.
TNS: 31S. RNG: 11E.
METALS: Au.
GRADE(S): 0.73 g/m^3 Au.
SIZE: 17,000 m^3.
PLACER TYPE(S): Stream, bench.
MINING METHOD(S): Unknown.
PRODUCTION HISTORY: Discovered 1890; in 1893, $5-$10/day was recovered - reflecting a grade of $.50-$.75/cy.
BEDROCK SOURCE: Au-Cu fissure veins in diorite porphyry stock and irregular veins at south edge of monzonite porphyry core.
REFERENCES: Johnson, 1973b.

NAME: Green River Placers

COUNTRY/STATE: USUT. COUNTY/PROVINCE: Uintah.
TNS: 5S, 6S. RNG: 23E, 24E, 21E.
METALS: Au.
GRADE(S): 1.4 g/m^3 Au.
SIZE: 34,000 m^3.
PLACER TYPE(S): Stream.
MINING METHOD(S): Unknown.
PRODUCTION HISTORY: Gravels in 1910 operation averaged $.60-$1.75/cy.
BEDROCK SOURCE: Probably Precambrian quartzite in northwestern Colorado.
REFERENCES: Johnson, 1973b.

NAME: Bloom Placer

COUNTRY/STATE: USWA. COUNTY/PROVINCE: Chelan.
TNS: 22N. RNG: 17E. SECTION: 1.
DISTRICT: Blewett.
METALS: Au.
GRADE(S): 0.493 g/m^3 Au.
SIZE: 305 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: About $100 Au was produced by 1897; gravels ran about $.25/cy; record calculations were done assuming $20 Au.
BEDROCK SOURCE: unknown.
COMMENTS: on Peshastin Creek.
REFERENCES: Huntting, 1955.

NAME: Bossburg Bar Placer

COUNTRY/STATE: USWA. COUNTY/PROVINCE: Stevens.
TNS: 38N. RNG: 37E. SECTION: 25.
COMPANY: Federal Land Bank (1934).
METALS: Au.
GRADE(S): 0.493 g/m^3 Au.
SIZE: 23,000 m^3.
PLACER TYPE(S): stream (?).
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Large bench or high bar had 30,000 cy of gravel averaging $.25 Au/cy; grade calculations assumed Au value of $20.67/oz.
BEDROCK SOURCE: unknown.
REFERENCES: Huntting, 1955.

NAME: Cedar Creek

COUNTRY/STATE: USWA. COUNTY/PROVINCE: Clallam.
TNS: 29N. RNG: 15W. SECTION: 18.
METALS: Au; minor Pt.
GRADE(S): 6.5 g/m^3 Au.
SIZE: 1,160 m^3.
PLACER TYPE(S): beach.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Deposit reported to yield 2-5 dwt of Au and Pt per cy; Pt to Au ratio ranges from 1:15 to 1:5; grades were determined assuming Pt to Au ratio of 1:10; $5,000 Au and 5 oz Pt production were reported prior to 1917; Pt grade probably about 0.65 g/m^3.

BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravels contain ilmenite, magnetite, chromite and zircon; the Au and Pt occur in a 2-15 inch sand layer on the surface of a wave-cut bench in clay.
COMMENTS: Also known as Starbuck Placer; placer on beach 10 miles north of La Push.
REFERENCES: Huntting, 1955.

NAME: Clark Placer

COUNTRY/STATE: USWA. COUNTY/PROVINCE: Lincoln.
TNS: 28N. RNG: 33E. SECTION: 8.
METALS: Au.
GRADE(S): 0.486 g/m^3 Au.
SIZE: 29,500 m^3.
PLACER TYPE(S): stream (?).
MINING METHOD(S): unknown.
PRODUCTION HISTORY: $4,657 Au was produced in 1933 and $8,243 Au was produced from 19,700 cy gravel in 1934; grade and size estimates were made assuming $20.67/oz Au in 1933 and $35/oz Au in 1934.
BEDROCK SOURCE: unknown.
COMMENTS: along the Columbia River.
REFERENCES: Huntting, 1955.

NAME: Johnson Placer

COUNTRY/STATE: USWA. COUNTY/PROVINCE: Ferry.
TNS: 32N. RNG: 37E. SECTION: 8.
COMPANY: W. Johnson.
METALS: Au.
GRADE(S): 0.058 g/m^3 Au.
SIZE: 1,530 m^3.
PLACER TYPE(S): stream (?).
MINING METHOD(S): unknown.
PRODUCTION HISTORY: About 2,000 cy have been mined from a pit; average value of $.05 Au/cy of gravel from the pit.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Paystreak consists of 1-3 ft of medium- to fine-textured gravel beneath 4-8 ft of sand.
COMMENTS: on the bank of the Columbia River.
REFERENCES: Huntting, 1955.

NAME: Keller Ferry Placer
COUNTRY/STATE: USWA. COUNTY/PROVINCE: Lincoln.
TNS: 28N. RNG: 33E. SECTION: 8.
COMPANY: James E. Angle (1932-34).
METALS: Au.
GRADE(S): 0.65 g/m^3 Au.
SIZE: 17,000 m^3.
PLACER TYPE(S): stream (?).
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 186.8 oz Au were produced form 11,628 cy gravel in 1933-34; placer was worked by Mr. Angle in 1932 also.
BEDROCK SOURCE: unknown.
COMMENTS: also known as Angle Placer.
REFERENCES: Huntting, 1955.

NAME: Negro Creek Placer

COUNTRY/STATE: USWA. COUNTY/PROVINCE: Chelan.
TNS: 22N. RNG: 17E. SECTION: 2, 3.
METALS: Au.
GRADE(S): 1.3 g/m^3 Au.
SIZE: 1,300 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: $1,100 Au produced prior to 1897; grades ran $.10-$1.20 Au/cy; record calculations were determined using $20 Au.
BEDROCK SOURCE: unknown.
REFERENCES: Huntting, 1955.

NAME: Negro Bar Placer

COUNTRY/STATE: USWA. COUNTY/PROVINCE: Stevens.
TNS: 40N. RNG: 41E. SECTION: 14, 21.
METALS: Au.
GRADE(S): 0.30 g/m^3 Au.
SIZE: 8,800 m^3.
PLACER TYPE(S): stream (?).
MINING METHOD(S): unknown.
PRODUCTION HISTORY: grade computed assuming $35 Au.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravel was 2.5 ft deep; overburden is composed of sand and boulders.
COMMENTS: placered area was a 125 ft strip 1,000 ft long.
REFERENCES: Huntting, 1955.

NAME: Adelong Creek

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Wynyard.
GRID: 60506400 to 60206550.
COMPANY: Golden Valley Mining Co., others.
METALS: Au.
CONTAINED METAL: 7,464,835 g Au.
GRADE(S): 0.3 g/m^3 Au.
SIZE: 25,000,000 m^3.
PLACER TYPE(S): eluvial, stream.
MINING METHOD(S): dredge.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: many rich patches in gravel; 3 m of auriferous gravels at 9 m deep.
REFERENCES: Degeling, 1982.

NAME: Alicks Paddock Diggings

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Kennedy.
GRID: 62939304 to 62819243.
METALS: Au.
CONTAINED METAL: 441,800 g Au.
GRADE(S): 20.34 g/m^3 Au.
SIZE: 22,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: Total production of 441.8 kg Au; grade varied from 8 to 40 g/m^3 Au; workings include shafts, open cuts, shallow pits over an area 1800 m by 40 m; property active at least 1889-1911.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravels 15-22 cm thick with overburden of 7.3 m to 15.24 m thick.
COMMENTS: nuggets up to 240 g.
REFERENCES: Bowman and others, 1982

NAME: Araluen Valley Alluvials

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: St. Vincent.
GRID: 284596 to 279603.
COMPANY: Araluen Valley Co.; others.
METALS: Au.
CONTAINED METAL: 1,010,848 g Au.
GRADE(S): 0.2 g/m^3 Au.
SIZE: 5,100,000 m^3.

PLACER TYPE(S): stream.
MINING METHOD(S): sluice, dredge,
PRODUCTION HISTORY: Production from 1900-1924 and 1934-1942; 1,010,848 g Au were produced from gravels running 0.1-0.3g Au/m^3.
BEDROCK SOURCE: unknown.
REFERENCES: Gilligan, 1975.

NAME: Big Badja River

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Beresford.
GRID: 242536 to 239535.
COMPANY: St. John Sluicing Co. (1893).
METALS: Au.
CONTAINED METAL: 3.39 kg Au.
GRADE(S): 0.49 g/m^3 Au.
SIZE: 6,927 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, dredge.
PRODUCTION HISTORY: In 1893, 3.39 kg Au were produced.
BEDROCK SOURCE: unknown.
REFERENCES: Herzberger and Barnes, 1978.

NAME: Billy's Lookout Alluvial Workings

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Gipps.
GRID: 53828351 to 53418370.
LAT: 33-42S. LONG: 147-21E.
DISTRICT: Billy's Lookout Gold.
METALS: Au.
CONTAINED METAL:
GRADE(S): 18 g/m^3 Au.
SIZE: 120 m^3.
PLACER TYPE(S): Tertiary, buried.
MINING METHOD(S): drift.
PRODUCTION HISTORY: At least 2.17 kg Au were produced; average grade was 9 g/t Au: workings included shaft drives and shallow pits in an area 400 m long and 100 m wide; production intermittent 1873-94; size estimate assumes a gravel density of 2 t/m^3.
BEDROCK SOURCE: gold in quartz veins.
OTHER GEOLOGY: placer material included silt, clay, granite, sediment, and quartz pebbles and boulders; channel was 7.5 wide and gravels between .15 to .45 m thick.
REFERENCES: Bowman, 1977.

NAME: Bingara Diamond Field

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Murchison.
LAT: 29-45S. LONG: 150-25E.
METALS: Au; minor Dia.
GRADE(S): 1.4 g/m^3 Au.
SIZE: 30,000 m^3.
PLACER TYPE(S): Terti ry.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: At least 29,794 ct diamonds were produced 1884-1932; the diamond grade has run about 1 ct/m^3.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravels overlain by basalt.
REFERENCES: Rose, 1960.

NAME: Burrangong Gold Field

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Monteagle.
GRID: 62787645 to 62997602.
COMPANY: Burrangong Gold Mining Co., others.
METALS: Au.
CONTAINED METAL: 15,000,000 g Au.
GRADE(S): 125 g/m^3 Au.
SIZE: 120,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift, minor sluice and dredge.
PRODUCTION HISTORY: Workings include shafts, driver, cross cuts to a depth of 34 m; dredging, hydraulic sluicing unsuccessful.
BEDROCK SOURCE: quartz veins in granite and older leads.
OTHER GEOLOGY: gravels from 0.6 to 1.8 m thick with gold distributed throughout.
COMMENTS: Also called Burrangong Creek Alluvial Mine (includes Possum Flat). Water major problem in drifts.
REFERENCES: Fitzpatrick, 1979.

NAME: Bushman Lead and Tributaries

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Ashburnham.
GRID: 62019037 to 62549018.
LAT: 33-09S. LONG: 148-11E.
DISTRICT: Parkes Forbes Gold.
METALS: Au.
GRADE(S): 46 g/m^3 Au.
SIZE: 420 m^3.
PLACER TYPE(S): Tertiary, buried.
MINING METHOD(S): drift.

PRODUCTION HISTORY: Over $10,000 Au have been produced; workings include shafts; drives are 27-48 m deep and extend for 4500 m; average grade was about 23 g/t Au.
BEDROCK SOURCE: quartz vein lodes are in stream basin.
COMMENTS: Tributaries include Shallow Rush, Little Bushman, Great Northern, Possum Gully, Sardine lead.
REFERENCES: Bowman, 1977.

NAME: Cobweb Diggings

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Kennedy.
DISTRICT: Cobweb Gold.
METALS: Au.
CONTAINED METAL: 12,000 g Au.
GRADE(S): 0.86 g/m^3.
SIZE: 14,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): shallow pits.
PRODUCTION HISTORY: More than 12 kg Au have been produced; production around 1900; workings include shallow pits no more than 1 m deep over an area 20 m by 700 m.
BEDROCK SOURCE: quartz veins.
OTHER GEOLOGY: gravels contain coarse quartz and fine sandstone clasts; gold coarse to very coarse.
COMMENTS: nuggets up to 400 g.
REFERENCES: Bowman and others, 1982.

NAME: Corowa Deep Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Hume.
COMPANY: Corowa Deep Lead Mining and Prospecting Co.
METALS: Au, minor Sn, gems.
CONTAINED METAL: 105,120 g Au.
GRADE(S): 10 g/m^3 Au.
SIZE: 10,500 m^3.
PLACER TYPE(S): Tertiary, buried.
MINING METHOD(S): drift.
PRODUCTION HISTORY: 105.12 kg Au have been produced at a grade of 10 g/m^3 gravel, workings include shafts, drives, crosscuts, winzes, stopping to a depth of 95 m; active at least 1902-04.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: coarse gravel alluvium; gems include corundum, ruby, sapphire, zircon, topaz; gravels 1 m thick and vary from 15 to 60 m wide; gold coarse in the southwest to fine in the northeast.
COMMENTS: proposed to be tributary to larger deep lead.
REFERENCES: Degeling, 1982.

NAME: Crookwell

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: King.
LAT: 35-30S. LONG: 149-20E.
METALS: Au.
GRADE(S): 5.0 g/m^3 Au.
SIZE: 1,300 m^3.
PLACER TYPE(S): Tertiary.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 40 cy gave 24 diamonds (5 ct) and 25 pennyweights Au.
BEDROCK SOURCE: unknown.
REFERENCES: Rose, 1960.

NAME: Cullengoral Gold Sluicing

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Wellington, Bligh, Phillip.
COMPANY: Birangil Gold N. L.
METALS: Au; minor Ag, gems.
GRADE(S): 0.1 g/m^3 Au.
SIZE: 3,100,000 m^3.
PLACER TYPE(S): stream, Tertiary, buried.
MINING METHOD(S): sluice, dredge, drift.
PRODUCTION HISTORY: sluicing 1933-35; drift mining 1935-38; dredging 1938-49.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: concentrates also included topaz, sapphire, magnetite, minor scheelite; gold was fine.
REFERENCES: Matson, 1975.

NAME: Currajong Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Ashburnham.
GRID: 62369073 to 62269080.
LAT: 33-06S. LONG: 148-11E.
METALS: Au.
CONTAINED METAL: 5,300 g Au.
GRADE(S): 24 g/m^3 Au.
SIZE: 220 m^3.
PLACER TYPE(S): Tertiary, buried.
MINING METHOD(S): drift.
PRODUCTION HISTORY: 5.3 kg Au were produced from gravels grading 12 g Au/t. Workings were 6 to 12 feet deep with shafts, drives.
BEDROCK SOURCE: unknown.

OTHER GEOLOGY: gravels were granule and pebble size (greater than 2 mm to 64 mm); cemented gravels were quartz and andesite clasts; gravels 0.5 to 0.8 m thick.
REFERENCES: Bowmann, 1977.

NAME: Emerald

COUNTRY/STATE: AUQL.
COMPANY: Goldrim Mining Australia Ltd.
METALS: Au.
CONTAINED METAL:
GRADE(S): 0.6 g/m^3 Au.
SIZE: 1,600,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Size estimate is reserves only.
BEDROCK SOURCE: unknown.
REFERENCES: Mining Monthly, 1984a.

NAME: Exhibition Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Bland.
GRID: 57267499 to 57487481.
COMPANY: Ponting & Carey (1879), Andrew and Harrigan (1879).
METALS: Au.
CONTAINED METAL:
GRADE(S): 16 g/m^3 Au.
SIZE: 4,200 g/m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: Workings include shafts, drives, cross cuts to a maximum depth of 27 m; worked out 1881.
BEDROCK SOURCE: gold from quartz reefs and diorite.
OTHER GEOLOGY: concentrates also contain magnetite and asbestos; worked material mainly clay with lesser sandy clay, gravel.
COMMENTS: some quartz attached to gold.
REFERENCES: Fitzpatrick, 1979.

NAME: Fifield Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Kennedy.
GRID: 54959472.
METALS: Au; minor Pt.
CONTAINED METAL: 53,000 g Au.

GRADE(S): 2 g/m^3.
SIZE: 21,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): drift.
PRODUCTION HISTORY: 145 kg Pt were produced at an average grade of 9 g/m^3; workings included shallow pits, shafts to a depth of 7 m; lead was active at least 1893 to 1964.
BEDROCK SOURCE: unkno n.
FINENESS: worked material consisted of silt, sand, gravel.
REFERENCES: Bowman and others, 1982.

NAME: Garangula G. F.

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Harden.
METALS: Au.
GRADE(S): 20 g/m^3 Au.
SIZE: 900 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice or drift.
PRODUCTION HISTORY: A minimum of 90 kg Au was produced by 110 workers (1894-95) from gravels grading 10 g/tonne.
BEDROCK SOURCE: quartz reefs between Cunningham and Cooney Creeks.
OTHER GEOLOGY: quartz pebbles in clayey matrix.
COMMENTS: includes Strawback Creek, Main Camp Gully.
REFERENCES: Fitzpatrick, 1979.

NAME: Gillenbine Tank

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Cunningham.
GRID: 55189438 to 55119415.
METALS: Au.
GRADE(S): 1 g/m^3 Au.
SIZE: 1,000 g/m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift, shallow pits.
PRODUCTION HISTORY: Platinum group metal grades- 5.5 g/m^3 Pt, 0.33 g/m^3 Os + Ir, 0.11 g/m^3 Rh + Pl, and 0.042 g/m^3 Ir; workings include shafts to a depth of 27 m and shallow pits.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gravels with shale and quartz clasts; 27 m of overburden; gravels are up to 1 m thick and between 12-24 wide and extend for 1.5 km; gold is fine.
COMMENTS: previously known as North lead.
REFERENCES: Bowman and others, 1982.

NAME: Gympie

COUNTRY/STATE: AUQL.
METALS: Au.
GRADE(S): 0.62 g/m^3 Au.
SIZE: 3,000,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Through December 31, 1983, 53,000 m^3 gravel had produced 1042 oz Au.
BEDROCK SOURCE: unknown.
REFERENCES: Mining Monthly, 1984a.

NAME: Harden-Murrumburrah G. F.

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Harden.
GRID: 63907330 to 64067340
METALS: Au.
GRADE(S): 28 g/m^3 Au.
SIZE: 850 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: In 1904, 25,937 g Au were produced from 965,200 kg gravel; workings include shafts, drives, cross cuts at a depth of 10 m.
BEDROCK SOURCE: granite and associated gold-bearing quartz veins.
OTHER GEOLOGY: gravels were 18-30 cm thick.
REFERENCES: Fitzpatrick, 1979.

NAME: Jembaicumbene Creek

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: St. Vincent.
GRID: 268614 to 278614.
COMPANY: Jembaicumbene Middle Ground Co., others.
METALS: Au.
CONTAINED METAL: 5,660,746 g Au.
GRADE(S): 0.15 g/m^3 Au.
SIZE: 38,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Dredged material ran 0.1-0.2 g Au/m^3; dredging extended for 12.8 km and average .4 km wide along creek.
BEDROCK SOURCE: Ordovician quartz reef.
OTHER GEOLOGY: Gold-bearing gravels occurred in the bottom .6-.9 m of a horizon 4.5-6 m thick; most gold on false bottom of black clay.
REFERENCES: Gilligan, 1975.

NAME: Kiandra Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Selwyn.
GRID: 64555586, 64085570, 64475585.
METALS: Au.
CONTAINED METAL: 526,000 g Au.
GRADE(S): 8.7 g/m^3 Au.
SIZE: 1,350,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, drift.
PRODUCTION HISTORY: At least 526 kg Au were placered in 1860, 1884-89, 1901-18; deep lead (Tertiary) grade was 8.2 g/m^3, alluvium grade was 10 g/m^3; workings include drives, crosscuts, adits; active circa 1860, 1884-89, and 1901-18.
BEDROCK SOURCE: unknown.
COMMENTS: Includes Empress claim, Nine Mile Creek, Scotts Gully.
REFERENCES: Degeling, 1982.

NAME: Kiandra Lead (Giandarra)

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Wallace.
GRID: 64525735 to 64535720.
METALS: Au.
GRADE(S): 20 g/m^3 Au.
SIZE: 490 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, drift.
PRODUCTION HISTORY: About 9700 g Au were produced; workings include shaft, adits.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: recent alluvium and conglomerate at base of deep lead worked.
COMMENTS: includes Robyns Tunnel, Giandarra, Luttrels Sluicing Claim, and All Nations Claim.
REFERENCES: Degeling, 1982.

NAME: Kiandra Lead (Homeward)

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Wallace.
GRID: 64605703.
METALS: Au.
CONTAINED METAL: 324,000 g Au.
GRADE(S): 7.5 g/m^3 Au.
SIZE: 43,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice, drift.

PRODUCTION HISTORY: Production record is incomplete; 324 kg Au were produced 1861-1934; workings include drives, adits.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Deep lead is overlain with 18 in basalt, 35 m of clay, sand, and lignite; gravels 3.7 m thick with well-rounded pebbles.
REFERENCES: Degeling, 1982.

NAME: Lady Macquarie Dredge

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Wellington.
GRID: not given.
METALS: Au.
CONTAINED METAL: 741,246 g Au.
GRADE(S): 0.35 g/m^3 Au.
SIZE: 2,100,000 m^3.
PLACER TYPE(S): stream, Tertiary.
MINING METHOD(S): sluice, dredge.
PRODUCTION HISTORY: Property was active 1905-11.
BEDROCK SOURCE: older deep leads and quartz reefs.
COMMENTS: also known as Wellington Dredge.
REFERENCES: Matson, 1975.

NAME: Main Grenfell Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Monteagle.
GRID: 61928102 to 62048095.
METALS: Au.
CONTAINED METAL: 2,000 g Au.
GRADE(S): 18 g/m^3 Au.
SIZE: 110 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: The grade of the placer area was reported as 9 g Au/t; workings include shafts, drives from about 1875-76.
BEDROCK SOURCE: gold derived from porphyry.
REFERENCES: Bowman, 1977.

NAME: Milkmans-Two Miles Leads

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Monteagle.
GRID: 62308093 to 62198108.
LAT: 33-53S. LONG: 148-12E.
DISTRICT: Grenfell Gold.

METALS: Au; minor Sn.
CONTAINED METAL: 2300 g Au.
GRADE(S): 46 g/m^3 Au.
SIZE: 124 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: Milkmans Lead: Average grade was 7g/t Au; workings include shafts, drives at a maximum depth of 150 m; Two Mile grade was 68 g/t Au; estimated grade for both was 23 g/t; Milkman produced 1700 g Au; Two Mile Lead produced over 589 grams.
BEDROCK SOURCE: small quartz veins in Ordovician slate, tin from granite.
REFERENCES: Bowmann, 1977.

NAME: Nuggetty Gully Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Forbes.
GRID: 63378456 to 63498451.
LAT: 33°-37S. LONG: 148-19E.
DISTRICT: Goonigal-Tin Pot Gold District.
COMPANY: Peterson (1907-09); Gibson (1936); others.
METALS: Au.
CONTAINED METAL: 48,670 g Au.
GRADE(S): 74 g/m^3 Au.
SIZE: 660 m^3.
PLACER TYPE(S): Tertiary, buried.
MINING METHOD(S): drift.
PRODUCTION HISTORY: The grade of the gravels at Nuggetty was reported as 37 g Au/t; shafts and drives present; grade for Goonigal was 26 to 43.8 g/t.
BEDROCK SOURCE: proposed to be quartz veins in Early Devonian acid volcanics or roof pendant thereon.
OTHER GEOLOGY: quartz and granite fragments up to cobble size in clay.
COMMENTS: includes Goonigal lead; contained metal for Nuggetty was 2573 g Au; for Gonnigal greater than 46,097 g Au.
REFERENCES: Bowman, 1977.

NAME: Paddys Flat Diggings

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Narromine.
GRID: 62759534 to 62769509.
METALS: Au.
CONTAINED METAL: 483,500 g Au.
GRADE(S): 7 g/m^3 Au.
SIZE: 69,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.

PRODUCTION HISTORY: Placers worked 1889-93 and 1939-41; grade was reported as 2-5 g Au/t; working includes shafts, open cuts, shallow pits, dredge areas; maximum depth is 46 m over an area 1.5 km by 0.3 km.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: placer material includes sand, silt, and quartz and is 15 to 45 cm thick.
COMMENTS: nuggets up o 50 grams.
REFERENCES: Bowman et al, 1982.

NAME: Platina Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Cunningham.
GRID: 55029408 to 55079372.
COMPANY: Platina Developments NL.
METALS: Au; minor Pt.
CONTAINED METAL: 124,000 g Au, 478 kg PGM.
GRADE(S): 1.6 g/m^3 Au.
SIZE: 57,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): uknown.
PRODUCTION HISTORY: 478 kg platinum metals were also produced; platinum metal grades were 11 g/m^3 Pt, 0.71 g/m^3 Os + Ir, and 0.24 g/m^3 Rh + Pl; Production at least 1893-1964; workings include shafts and shallow pits.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Gravels found surface (north) to 25 m deep (south); width is 18-30 m; gold was fine.
REFERENCES: Bowman and others, 1982.

NAME: Quondong Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Monteagle.
GRID: 62108063 to 62308093.
METALS: Au.
CONTAINED METAL: 16,200 g Au.
GRADE(S): 22 g/m^3 Au.
SIZE: 740 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: Placered material ran 11 g Au/tonne; production was 1875-80; workings include shaft, drives to a maximum depth of 60 m; size was estimated assuming a gravel density of 2 t/m^3.
BEDROCK SOURCE: Ordovician slates with gold quartz veins.
REFERENCES: Bowman, 1977.

NAME: Sandy Creek

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Buccleuch.
GRID: 63956360 to 64706407.
DISTRICT: Cobleman Parish.
COMPANY: New Argalong Dredging Co.; others.
METALS: Au; minor Sn.
CONTAINED METAL: 52,000 g Au, 5,200 kg Sn.
GRADE(S): 1.6 g/m^3 Au.
SIZE: 38,000 m^3.
PLACER TYPE(S): stream, tertiary.
MINING METHOD(S): sluice, dredge.
PRODUCTION HISTORY: Placers produced 1882-1938; grades ran 0.15-3.14 g Au/m^3 and 41-198 g Sn/m^3; property was active 1904, 1906, 1917-34, 1919-22, 1930-33, 1935.
BEDROCK SOURCE: granite.
REFERENCES: Degeling, 1982.

NAME: Seven Mile Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Monteagle.
GRID: 61707980 to 62028011.
METALS: Au.
GRADE(S): 25 g/m^3 Au.
SIZE: 1,400 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): drift.
PRODUCTION HISTORY: Placered material ran 12.4 g Au/t; workings include shafts, drives to a depth of 60 m; production was 1875 to 1880; size estimate assumed a gravel density of 2 t/m^3.
BEDROCK SOURCE: veins in Ordovician slate.
OTHER GEOLOGY: gravels deepen to the west.
REFERENCES: Bowman, 1977.

NAME: South Lead and Tributaries

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Ashburnham Co.
GRID: 60398689 to 60458731.
LAT: 33-24S. LONG: 148-01E.
DISTRICT: Parkes Forbes Gold.
COMPANY: South Leau Gold Mining Co. (1862-64).
METALS: Au.
GRADE(S): 19.5 g/m^3 Au.
SIZE: 498,000 m^3.
PLACER TYPE(S): Tertiary, buried.
MINING METHOD(S): drift.

PRODUCTION HISTORY: reported grades 4.5 to 15 g/t Au exclusive of rich early workings; value of produced gold exceeds $1 million (971,000 g); workings included shafts, drives from 64.5 m deep (south end) to 33 m deep.
BEDROCK SOURCE: gold quartz lode are regionally present.
OTHER GEOLOGY: gravels average 0.75 m thick.
COMMENTS: includes North lead, Madmans lead, and Britannia lead.
REFERENCES: Bowman, 1977.

NAME: Temora Gold Field

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Bland.
GRID: 55427502 to 55407420.
METALS: Au.
GRADE(S): 46 g/m^3 Au.
SIZE: 69,000 m^3.
PLACER TYPE(S): stream, minor eluvial.
MINING METHOD(S): drift.
PRODUCTION HISTORY: operational intermittantly 1880-1948; workings include shafts, drives, crosscuts, open cuts; maximum depth varied from 15-122 m (ave. 30 m).
BEDROCK SOURCE: reefs in diorite, late Tertiary leads.
OTHER GEOLOGY: gravels at a depth of 12-61 m; production from 5 m thick gravel; several levels of gravel with sand, silt, and clays with silica nodules, magnesia, and lime.
REFERENCES: Fitzpatrick, 1979.

NAME: Tin Pot Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Forbes.
GRID: 62608400 to 62648352.
LAT: 30-40S. LONG: 148-15E.
DISTRICT: Goonigal-Tin Pot Gold.
COMPANY: Williams, Stiff and Party; others.
METALS: Au; minor Pt(?).
CONTAINED METAL: 775 g Au.
GRADE(S): 15 g/m^3 Au.
SIZE: 50 m^3.
PLACER TYPE(S): Tertiary, buried.
MINING METHOD(S): drift.
PRODUCTION HISTORY: Grade was 7.7 g Au/t; production exceeded 775 g. Au; workings included shafts, drives 49 m deep.
BEDROCK SOURCE: quartz veins in or adjacent to acid volcanics.

OTHER GEOLOGY: gold occurred in pot holes 25-75 mm deep, few tens of mm long in granite; water worn quartz, granite gravels.
COMMENTS: nuggets of unknown size recovered.
REFERENCES: Bowman, 1977.

NAME: Welcome Lead

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Ashburnham.
GRID: 62078954 to 61998992.
LAT: 33-11S. LONG: 148-10E.
DISTRICT: Parkes Forbes Gold.
METALS: Au.
CONTAINED METAL:
GRADE(S): 10 g/m^3 Au.
SIZE: 970 m^3.
PLACER TYPE(S): Tertiary, buried.
MINING METHOD(S): drift.
PRODUCTION HISTORY: About 9708 g Au were produced 1872-91; grades in Frenchmans Lead ran 4.5-6.0 g Au/t; workings 30 m deep and extend for 4500 m.
BEDROCK SOURCE: unknown.
COMMENTS: nuggets up to 4.16 Kg at Tearaway lead; tributaries include Tearaway, Yarran, Frenchmans, Richardsons, Melbourne and Fulton leads.
REFERENCES: Bowman, 1977.

NAME: Wellington

COUNTRY/STATE: AUNS. COUNTY/PROVINCE: Wellington, Bligh.
GRID: not given.
COMPANY: Wellington Alluvials Ltd.
METALS: Au; minor Dia.
GRADE(S): 0.26 g/m^3 Au.
SIZE: 24,000,000 m^3.
PLACER TYPE(S): Tertiary, buried.
MINING METHOD(S): sluice, dredge.
PRODUCTION HISTORY: Area was placered 1938-42 and 1946-58; the diamond grade was 0.00017 ct/m^3.
BEDROCK SOURCE: older leads, and reefs.
OTHER GEOLOGY: gold bearing gravels 100-300 m to a depth of 26 m and overburden of 9 -15 m.
COMMENTS: gold recovery is 83.3% of estimated ground values.
REFERENCES: Matson, 1975.

NAME: Rio Aten

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.052 g/m^3 Au.
SIZE: 20,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Size and grade estimates consist of dredgeable reserves.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Challana

COUNTRY/STATE: BLVA.
COMPANY: South American Placer Inc.
METALS: Au.
GRADE(S): 0.93 g/m^3 Au.
SIZE: 10,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: South American Placer Inc. was getting values of 1 g Au/m^3 at river mouth.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Chimate

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.26 g/m^3 Au.
SIZE: 9,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size and grade estimate consists of dredgeable reserves of 8-10,000,000 m^3.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Madidi (upper reach)

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.0743 g/m^3 Au.
SIZE: 48,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size and grade estimate consists of reserves for area of alluvials 50-250 m wide by 100 km long and about 6 m thick.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Quiquibey (low reach)

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.032 g/m^3 Au.
SIZE: 30,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: fine gold; old lake filled by river gravels is target area.
REFERENCES: Freydanck, 1975.

NAME: Rio Tequeje (lower reach)

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.070 g/m^3 Au.
SIZE: 30,000,000 m^3.
PLACER TYPE(S): alluvial plain.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size consists of reserves only which may be 4-5 times larger than estimated.
BEDROCK SOURCE: Pleistocene conglomerate in center of Pliocene syncline.
REFERENCES: Freydanck, 1975.

NAME: Rio Tequeje (upper reach)

COUNTRY/STATE: BLVA.
METALS: Au.

GRADE(S): 0.060 g/m^3 Au.
SIZE: 7,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: estimate consists of reserves only at reported date.
BEDROCK SOURCE: Pleistocene conglomerate.
REFERENCES: Freydanck, 1975.

NAME: Rio Tuichi (lower reach)

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.028 g/m^3 Au.
SIZE: 110,000,000 m^3.
PLACER TYPE(S): stream, alluvial plain (?).
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size estimate consists of dredgeable reserves between Arroyo Capiguara and Tuichi River mouth.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Tuichi (middle reach)

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.092 g/m^3 Au.
SIZE: 120,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size estimate consists of dredgeable reserves.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Tuichi (upper reach)

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.34 g/m^3 Au.
SIZE: 90,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.

PRODUCTION HISTORY: size estimate consists of dredgeable reserves over an area of about 1000 hectares.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Undumo (lower reach)

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.040 g/m^3 Au.
SIZE: 10,000,000 m^3.
PLACER TYPE(S): stream, alluvial plain (?).
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size estimate consists of reserves only.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Yolosani

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.49 g/m^3 Au.
SIZE: 1,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size estimate consists of dredgable reserves.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Yuyo

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.92 g/m^3 Au.
SIZE: 13,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: size estimate consists of dredgeable reserves.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Rio Zongo

COUNTRY/STATE: BLVA.
METALS: Au.
GRADE(S): 0.063 g/m^3 Au.
SIZE: 5,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
BEDROCK SOURCE: unknown.
REFERENCES: Freydanck, 1975.

NAME: Fazenda Brasileiro

COUNTRY/STATE: BRZL.
COMPANY: Docegeo.
METALS: Au.
GRADE(S): 13.88 g/m^3 Au.
SIZE: 465,000 m^3 Au.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Size consists of estimated reserves.
BEDROCK SOURCE: Unknown.
REFERENCES: Mining Journal, 1984c.

NAME: Gurupi River Placer

COUNTRY/STATE: BRZL. COUNTY/PROVINCE: Maranho.
COMPANY: Docegeo.
METALS: Au.
GRADE(S): 0.6 g/m^3 Au.
SIZE: 1,500,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Size consists of estimated reserves.
BEDROCK SOURCE: unknown.
COMMENTS: The Gurupi River is a tributary of the Cavala River.
REFERENCES: Mining Journal, 1984c.

NAME: Itapetim

COUNTRY/STATE: BRZL. COUNTY/PROVINCE: Pernambuca.
COMPANY: CPRM.
METALS: Au.
GRADE(S): 7.5 g/m^3 Au.
SIZE: 850,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Size is reserves only and was reported as 1,700,000 tonnes.
BEDROCK SOURCE: unknown.
REFERENCES: Mining Journal, 1984c.

NAME: Vila Santa Maria Placers

COUNTRY/STATE: BRZL. COUNTY/PROVINCE: Amapa.
LAT: 0°30N. LONG: 52°W.
METALS: Au, Ta, Dia.
GRADE(S): 1 g/m^3 Au.
SIZE: 190,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Placer was discovered in 1937; in 1939-41, 250 people produced 5-10 kg Au/month; production declined 1942-44.
BEDROCK SOURCE: Pegmatitites with Ta and Au-quartz veins in quartzite and phyllite.
OTHER GEOLOGY: Tantalite grade is 0.21 kg/m^3; Diamond grade is 0.023 ct/cy gravels averaged 0.4 m thick.
COMMENTS: Placers are on Vila Nova River.
REFERENCES: Klepper and Dequech, 1945.

NAME: Big Gold Creek - Glacier Creek

COUNTRY/STATE: CNYT.
LAT: 64-01N. LONG: 140-44W.
DISTRICT: Sixty-mile.
COMPANY: Yukon Placer Mining Co.
METALS: Au; minor Ag.
GRADE(S): 0.80 g/m^3 Au, 0.13 g/m^3 Ag.
SIZE: 2,500,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): dredge, open pit.
PRODUCTION HISTORY: discovered about 1892; production intermittent to 1980.
BEDROCK SOURCE: unknown.
FINENESS: 847-854 (Au).
OTHER GEOLOGY: gravels contain schist and andesite clasts usually less than 15 cm in diameter.
COMMENTS: Placer area includes Little Gold Creek.
REFERENCES: Debicki, 1982, 1983; Skinner, 1961; Green, 1965.

NAME: Black Hills Creek

COUNTRY/STATE: CNYT.
LAT: 63-24N. LONG: 138-49W.
DISTRICT: Dawson.
COMPANY: Territorial Gold Placers, Ltd.
METALS: Au.
GRADE(S): 0.66 g/m^3 Au.
SIZE: 1,400,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): open pit, sluice.
PRODUCTION HISTORY: discovered 1898; production years included 1938, 1978-1982.
BEDROCK SOURCE: unknown.
FINENESS: 755 (Au).
OTHER GEOLOGY: Two meters of gravel are overlain by 1 m muck; gravels are poorly-sorted; gravel and upper 1.2 m of bedrock were sluiced.
REFERENCES: Debicki, 1982, 1983; Bostock, 1939.

NAME: Bonanza - Klondike - Hunker

COUNTRY/STATE: CNYT.
LAT: 64-00N. LONG: 138-38W.
DISTRICT: Dawson.

COMPANY: Yukon.
METALS: Au; minor Ag.
GRADE(S): 0.28 g/m^3 Au, 0.061 g/m^3 Ag.
SIZE: 104,000,000 m^3.
PLACER TYPE(S): stream, bench, Tertiary.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: discovered about 1896; production of about 100 tonnes gold to 1907 from early drift mining and shoveling not included in this estimate; rockers were used to work bench gravels before dredging began; dredging began in 1901; best production was from stream gravels.
BEDROCK SOURCE: quartz-barite veins, quartz veins in schist and shear zones, Tertiary conglomerates.
FINENESS: 605-859 (Au).
OTHER GEOLOGY: stream gravels 4-10 ft deep covered with 2-40 ft of organic-rich silt; gravels contain pebbles and boulders of quartz schist, sedimentary, volcanic and intrusive rocks, all locally derived; bench gravels up to 100 ft thick; gold found at base of most gravels although distributed throughout some gravels.
COMMENTS: Placer area includes Eldorado, Gold Bottom, and Bear Creeks; nuggets rare, usually 0.5 oz but as large as 6.5 oz.
REFERENCES: Gleeson, 1970; McConnell, 1907; McFarland, 1965; Anonymous, 1981; Cockfield, 1931; Bostock, 1932, 1933, 1934, 1936, 1937, 1938, 1939, 1957; Skinner, 1961, 1962; Green and Godwin, 1964; Green, 1965, 1966; Findlay, 1967, 1969; Debicki, 1982, 1983.

NAME: Buxton Creek

COUNTRY/STATE: CNBC.
METALS: Au.
GRADE(S): 0.84 g/m^3 Au.
SIZE: 155,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Size estimate consists of reserves only; reserves were reported as 310,000 tonnes gravel using a cuttoff grade of 0.4 g Au/tonne.
BEDROCK SOURCE: unknown.
REFERENCES: Laznicka, 1973 (deposit 093A137).

NAME: Clear Creek Placer

COUNTRY/STATE: CNYT.
LAT: 63-47N. LONG: 137-15W.
DISTRICT: Dawson.
COMPANY: Clear Creek Placers; Queenstake Resources Ltd.
METALS: Au, minor Ag, W, Sn.
GRADE(S): 0.49 g/m^3 Au, 0.12 g/m^3 Ag.

SIZE: 4,900,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge, dragline.
PRODUCTION HISTORY: discovered early 1900's; first dredge 1942-56 and again 1980 to present; 4,232 oz Au were produced in 1983; 3,335 oz Au were produced 1981-82; reserves (1984) included 7 years of future production at about 200,000 m^3/year.
BEDROCK SOURCE: unknown.
FINENESS: 828-860 (Au).
OTHER GEOLOGY: concentrate includes tungsten, tin, magnetite, and cinnabar; about 4 m thickness of sandy gravel; gold is tabular and worn.
REFERENCES: Debicki, 1982, 1983; Skinner, 1962; Green and Godwin, 1964; Woodsend, 1984; Worobec, 1982; Western Miner, 1984.

NAME: Coleman Township Placer No. 1

COUNTRY/STATE: CNYT.
LAT: 47-22N. LONG: 79-48W.
DISTRICT: Timiskaming.
METALS: Ag.
CONTAINED METAL:
GRADE(S): 93 g/m^3 Ag.
SIZE: 180 m^3.
PLACER TYPE(S): lake.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 537 oz Ag were produced in 1905.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Deposit consists of debris from Ag veins outcropping onshore.
REFERENCES: Ferguson and Freeman, 1978.

NAME: Dominion - Jensen

COUNTRY/STATE: CNYT.
LAT: 63-48N. LONG: 138-36W.
DISTRICT: Dawson.
COMPANY: Yukon Consolidated Gold Corp.
METALS: Au; minor Ag.
GRADE(S): 0.38 g/m^3 Au, 0.093 g/m^3 Ag.
SIZE: 22,000,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: discovered about 1896; produced about 8.5 tonnes of gold from 1896 to 1907 that have not been included in this estimate (non-dredge production); dredging from 1901 to 1966; bench gravel contribution was important.

BEDROCK SOURCE: quartz-barite veins, quartz veins in schist and shear zones, Tertiary conglomerates.
FINENESS: 810-835 (Au).
OTHER GEOLOGY: bench gravels contributed significant Au production; Au varied from rough, rounded grains to flakes and worn nuggets.
COMMENTS: Placer area includes Cariboo and Yellow Creeks.
REFERENCES: Anonymous, 1981; Bostock, 1932, 1933, 1934, 1936, 1937, 1938, 1939, 1957; Cockfield, 1931; Debicki, 1982, 1983; Findlay, 1967, 1969; Green, 1965, 1966; Green and Godwin, 1964; Gleeson, 1970; McFarland, 1965; McConnell, 1907.

NAME: Dublin Gulch

COUNTRY/STATE: CNYT.
LAT: 64-02N. LONG: 135-50W.
COMPANY: Canada Tungsten Mining Corp. Ltd.
METALS: Au, W.
GRADE(S): 0.30 g/m^3 Au.
SIZE: 1,800,000 m^3.
PLACER TYPE(S): glacial-fluvial.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: Placer area was discovered about 1898; from 1978 to 1982, 51,320 g Au were produced; a total of 540,000 g Au have been produced; 5.4 tonnes scheelite were produced in 1977.
BEDROCK SOURCE: unknown.
FINENESS: 860-923 (Au).
OTHER GEOLOGY: Gravels contain significant scheelite and minor arsenopyrite, pyrite, hematite, wolframite, garnet, cassiterite, magnetite, tourmaline and galena.
REFERENCES: Debicki, 1983.

NAME: Duncan Creek Drift Mine

COUNTRY/STATE: CNYT.
LAT: 63-54N. LONG: 135-19W.
DISTRICT: Mayo.
METALS: Au.
GRADE(S): 73 g/m^3 Au.
SIZE: 1,300 m^3.
PLACER TYPE(S): glacial-fluvial
MINING METHOD(S): drift.
PRODUCTION HISTORY: discovered 1898; staked 1901; production evaluated to 1915; about 64,000 m^3 gravel worked after 1915 is not included in this estimate (non-drift mining).
BEDROCK SOURCE: quartz veins and stringers in unidentified host.
FINENESS: 825 (Au).

OTHER GEOLOGY: Au concentrated on bedrock; concentrate contains magnetite, garnet, and pyrite; gravels are sandy to clayey.
COMMENTS: See Duncan Creek for non-drift production.
REFERENCES: Keele, 1905; Green, 1965, 1966.

NAME: Duncan Creek

COUNTRY/STATE: CNYT.
LAT: 63-50N. LONG: 135-28W.
COMPANY: Nugget Drilling.
METALS: Au.
GRADE(S): 0.34 g/m^3 Au.
SIZE: 214,000 m^3.
PLACER TYPE(S): glacial-fluvial.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: 51,000 g Au were produced 1980-81; about 64,000 m^3 gravel were worked after 1915 and prior to 1965.
BEDROCK SOURCE: unknown.
FINENESS: 792-802 (Au).
OTHER GEOLOGY: Gravel is stratified with boulders up to 60 cm in diameter; gravels contain wolframite, scheelite, cassiterite and zircon.
COMMENTS: See Duncan Creek Drift Mine for drift production.
REFERENCES: Debicki, 1983; Keele, 1905; Green, 1965, 1966.

NAME: Eureka Creek

COUNTRY/STATE: CNYT.
LAT: 63-35N. LONG: 138-50W.
DISTRICT: Dawson.
COMPANY: Eureka Placer Ltd.; Northern Yukon Services, Ltd.
METALS: Au.
GRADE(S): 1.1 g/m^3 Au.
SIZE: 760,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): open pit.
PRODUCTION HISTORY: Size estimated from 1960-1980 production data.
BEDROCK SOURCE: unknown.
FINENESS: 677-754 (Au).
OTHER GEOLOGY: six feet of gravels covered with 6 ft of overburden; Au is coarse, rough, flattened, and concentrated at bedrock: magnetite and hematite in concentrates.
REFERENCES: Debicki, 1982, 1983; Skinner, 1961.

NAME: Gay's River

COUNTRY/STATE: CNNS. COUNTY/PROVINCE: Colchester.
METALS: Au.
GRADE(S): 9.6 g/m^3 Au.
SIZE: 2,000 m^3.
PLACER TYPE(S): pre-Tertiary.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: production prior to 1900; placer area was discovered in 1862.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: The gold is in a coarse basal conglomerate of Lower Carboniferous age that is up to 30 ft thick.
COMMENTS: Placer area is in the southwest part of Colchester on Colbert Brook, 7 miles east of Shubenacadie.
REFERENCES: Nova Scotia Department of Mines, 1961; Malcolm, 1929.

NAME: Haggatt - Dublin

COUNTRY/STATE: CNYT.
LAT: 64-01N. LONG: 135-51W.
DISTRICT: Mayo.
COMPANY: Queenstake Resources Ltd., Canada Tungsten Mining Corp.
METALS: Au; minor W.
GRADE(S): 0.48 g/m^3 Au.
SIZE: 3,000,000 m^3.
PLACER TYPE(S): stream, bench, glacial-fluvial.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: discovered about 1898; active to 1982; about 5.4 tonnes scheelite were produced in 1977.
BEDROCK SOURCE: Au-bearing veins in metasediments.
FINENESS: 860-923 (Au).
OTHER GEOLOGY: concentrate includes significant amounts of scheelite and minor arsenopyrite, pyrite, hematite, wolframite, garnet, cassiterite, magnetite, tourmaline, and galena.
REFERENCES: Craig and Laporte, 1972; Debicki, 1983, 1983; Findlay, 1967, 1969; Skinner, 1961, 1962; Green and Godwin, 1964; Green, 1965, 1966.

NAME: Henderson Creek

COUNTRY/STATE: CNYT.
LAT: 63-23N. LONG: 136-16W.
DISTRICT: Dawson.
COMPANY: Yukon Gold Placers; Territorial Gold Placer.
METALS: Au; minor Ag.
GRADE(S): 0.70 g.m^3 Au, 0.25 g/m^3 Ag.
SIZE: 1,460,000 m^3.

PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: area was prospected in 1898.
BEDROCK SOURCE: unknown.
FINENESS: 725-730 (Au).
OTHER GEOLOGY: gravels are about 10 ft thick and overlain by 3 ft of muck; gravels are composed of clasts up to 6 inches in diameter in a brown sandy to clayey matrix.
REFERENCES: Debicki, 1982, 1983; McConnell, 1902.

NAME: Highet Creek

COUNTRY/STATE: CNYT.
LAT: 63-45N. LONG: 136-09W.
DISTRICT: Mayo.
METALS: Au; minor Ag.
GRADE(S): 0.84 g/m^3 Au.
SIZE: 1,800,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): sluice, dredge, hydraulic, drift.
PRODUCTION HISTORY: discovered 1903, production to 1916 was 28,900 oz Au; early drift mining; production intermittent to at least 1982.
BEDROCK SOURCE: unknown.
FINENESS: 800 (Au).
OTHER GEOLOGY: In places the gravels contain a 2 ft barren horizon; boulders form about 30% of the gravels in some areas.
REFERENCES: Green, 1965, 1966; Debicki, 1982, 1983.

NAME: Kenyon Creek

COUNTRY/STATE: CNYT.
LAT: 63-29N. LONG: 140-36W.
COMPANY: Claymore Resources Ltd.
METALS: Au.
GRADE(S): 2.1 g/m^3 Au.
SIZE: 190,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): open pit.
PRODUCTION HISTORY: discovered 1911, production for 1979-82.
BEDROCK SOURCE: unknown.
FINENESS: 776 (Au).
OTHER GEOLOGY: Gravel was 1.8 m thick; Au was fine to coarse.
REFERENCES: Debicki, 1983.

NAME: Lake Creek

COUNTRY/STATE: CNYT.
LAT: 61-22N. LONG: 134-21W.
DISTRICT: Livingstone.
COMPANY: G. Asuchak.
METALS: Au.
GRADE(S): 0.60 g/m^3 Au.
SIZE: 8,500 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): sluice, open pit.
PRODUCTION HISTORY: discovered 1930; produced intermittently to at least 1982; 1970 m^3 gravel were sluiced in 1980.
BEDROCK SOURCE: unknown.
FINENESS: 895 (Au).
OTHER GEOLOGY: early production was largely coarse gold and nuggets, no fines; pay horizon is a rusty gravel 6-8 ft thick with gold throughout.
REFERENCES: Cockfield, 1931; Bostock, 1932, 1933; Debicki, 1982, 1983.

NAME: Maisy May Creek Placer

COUNTRY/STATE: CNYT.
COMPANY: Queenstake Resources Ltd.
METALS: Au.
GRADE(S): 0.65 g/m^3 Au.
SIZE: 137,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: In 1980-82, 180,000 cy were placered that had a grade of 0.016 oz Au/cy; evaluation of possible reserves was planned for 1984; size estimate is production only.
BEDROCK SOURCE: unknown.
REFERENCES: Western Miner, 1984.

NAME: Quartz Creek

COUNTRY/STATE: CNYT.
LAT: 63-47N. LONG: 139-06W.
DISTRICT: Dawson.
COMPANY: Yukon Consolidated Gold Corp.
METALS: Au; minor Ag.
GRADE(S): 0.27 g/m^3 Au, 0.056 g/m^3 Ag.
SIZE: 5,500,000 m^3.
PLACER TYPE(S): stream, bench.
MINING METHOD(S): dredge.

PRODUCTION HISTORY: First discovery made about 1896; production to 1907 not included in this estimate, reported to be minor; estimate of as much as 1.5 tonnes produced prior to 1907 not likely; dredging 1935-1950.
BEDROCK SOURCE: quartz-barite veins, quartz veins in schist and shear zones.
FINENESS: 732-784 (Au).
OTHER GEOLOGY: gravels in stream are overlain with 16-10 ft of muck.
REFERENCES: Anonymous, 1981; Bostock, 1936, 1937, 1938, 1939; Debicki, 1982; Gleeson, 1970.

NAME: Sulphur - Gold Run

COUNTRY/STATE: CNYT.
LAT: 63-40N. LONG: 138-50W.
DISTRICT: Dawson.
COMPANY: Yukon Consolidated Gold Corp.
METALS: Au; minor Ag.
GRADE(S): 0.35 g/m^3 Au, 0.081 g/m^3 Ag.
SIZE: 43,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: production 1895-1907 not included in this estimate, but probably on the order of 15 tonnes Au; dredging ended in 1966.
BEDROCK SOURCE: quartz-barite veins, quartz veins in schist and shear zones.
FINENESS: 797-860 (Au).
OTHER GEOLOGY: yellow gravels with large angular Au upstream and small flaky rough Au grains downstream.
COMMENTS: benches absent on Sulphur Creek and poorly developed on on Gold Run Creek.
REFERENCES: Anonymous, 1981; Bostock, 1932, 1933, 1934, 1936, 1937, 1938, 1939, 1957; Cockfield, 1931; Debicki, 1982, 1983; Findlay, 1967, 1969; Gleeson, 1970; Green, 1965, 1966; Green and Godwin, 1964; McFarland, 1965.

NAME: Thistle Creek

COUNTRY/STATE: CNYT.
LAT: 63-05N. LONG: 139-17W.
DISTRICT: Dawson.
COMPANY: Yukon Gold Placers; Gold Mark Minerals.
METALS: Au; minor Ag.
GRADE(S): 0.29 g/m^3 Au, 0.040 g/m^3 Ag.
SIZE: 1,200,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.

PRODUCTION HISTORY: staked 1898; dredged 1949-52.
BEDROCK SOURCE: unknown.
FINENESS: 848-895 (Au).
OTHER GEOLOGY: gold concentrated at bedrock.
COMMENTS: nuggets up to 4.6 oz.
REFERENCES: Debicki, 1983, 1984; McConnell, 1902.

NAME: Thunder Gulch

COUNTRY/STATE: CNYT.
LAT: 63-54N. LONG: 135-15W.
DISTRICT: Mayo.
COMPANY: Bardusan Placers Ltd.
METALS: Au.
CONTAINED METAL: 311 g Au.
GRADE(S): 0.74 g/m^3 Au.
SIZE: 47,000 m^3.
PLACER TYPE(S): stream, glacial-fluvial.
MINING METHOD(S): open pit.
PRODUCTION HISTORY: Production recorded for 1964-1979 production.
BEDROCK SOURCE: quartz veins and stringers in unidentified host.
FINENESS: 790-825 (Au).
OTHER GEOLOGY: Up to 10 m of glacial till overlie 6 m of pre-glacial gravel; argentiferous galena is also present in the gravels; Au is rough and about 1/3 of production was nuggets; gravel mined was 3-4 ft above bedrock; the top 2-3 ft of bedrock was mined; gravels are coarse and poorly-sorted; concentrate contains abundant specular hematite, less jasper, magnetite, pyrite, garnet, galena, and cerussite and a trace of scheelite.
COMMENTS: Placer area is in a steep, narrow canyon 3.2 km east of Kens City; largest nugget (1964) was 7.5 oz.
REFERENCES: Debicki, 1982, 1983; Green, 1965; Findlay, 1969; Craig and Laporte, 1972.

NAME: Tulameen

COUNTRY/STATE: CNBC.
LAT: 49-30N. LONG: 120-45W.
METALS: Au, Pt; minor Os.
GRADE(S): 1.2 g/m^3 Au.
SIZE: 50,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.

PRODUCTION HISTORY: Over $800,000 Au has been produced; 15,000 oz Pt have been produced; the Pt grade was 0.46 g/m^3; the Os grade was 0.048 g/m^3.
BEDROCK SOURCE: unknown.
REFERENCES: Camsell, 1913.

NAME: Wheaton Creek

COUNTRY/STATE: CNBC.
LAT: 58-20N. LONG: 129-00W.
DISTRICT: Cassiar.
COMPANY: Boulder Creek Mines Ltd.
METALS: Au; minor Ag.
CONTAINED METAL: 151,000 g Au.
GRADE(S): 25 g/m^3 Au; 3.6 g/m^3 Ag.
SIZE: 6,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): sluice.
PRODUCTION HISTORY: discovered 1937; total production 1935-39 was 4,852 oz Au from Wheaton and Alice Shea Creeks.
BEDROCK SOURCE: Suggested-- Au-quartz veins in slate; schist; pegmatites; feldspar-quartz veins; Tertiary gravel.
FINENESS: 831 (Au), 121 (Ag).
OTHER GEOLOGY: Au found on bedrock in Alice Shea Creek is coarse and nuggetty with quartz adhering to larger nuggets; 3 types of Au can be recognized based on fineness and color; concentrates include magnetite, natural Ni-Fe alloys, pyrite, hematite, chromite, and native copper; Au found in clayey gravel.
COMMENTS: Discovery nugget on Alice Shea Creek was 52.75 oz; other nuggets to 16 oz.
REFERENCES: Holland, 1940.

NAME: Nichi River Placer

COUNTRY/STATE: CLBA. COUNTY/PROVINCE: Medellin.
COMPANY: Oroville Dredging Co.
METALS: Au.
GRADE(S): 0.61 g/m^3 Au.
SIZE: 9,900,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Size consists of drilled reserves which were reported as 13,000,000 cy grading 0.015 oz Au/cy.
BEDROCK SOURCE: unknown.
COMMENTS: Site is north of the town of Zaragoza and covers a minimum of 310 acres.
REFERENCES: Mining Magazine, 1909.

NAME: Rio Asnazu

COUNTRY/STATE: CLBA. COUNTY/PROVINCE: Cauca.
LAT: 1°S. LONG: 76-30W.
METALS: Au.
GRADE(S): 0.22 g/m^3 Au.
SIZE: 63,300,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Two dredges were active in 1935-36.
BEDROCK SOURCE: unknown.
REFERENCES: O'Neill, 1965.

INDONESIA

NAME: Marisa

COUNTRY/STATE: INDS. COUNTY/PROVINCE: Sulawesi.
METALS: Au.
GRADE(S): 0.5 g/m^3 Au.
SIZE: 5,000,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Size estimate consists of reserves.
REFERENCES: Mining Magazine, 1979.

IVORY COAST

NAME: Asupiri

COUNTRY/STATE: IVCO.
METALS: Au.
GRADE(S): 0.50 g/m^3 Au.
SIZE: 1,600,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
BEDROCK SOURCE: unknown.
REFERENCES: Northern Miner, 1984.

NAME: Tuquesa

COUNTRY/STATE: PANA. COUNTY/PROVINCE: Darien.
COMPANY: Tuquesa M. C.
METALS: Au.
GRADE(S): 0.93 g/m^3 Au.
SIZE: 25,000,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Grade was reported as $2 Au/mt ($130/oz Au).
BEDROCK SOURCE: unknown.
COMMENTS: Placers cover 3,750 acres.
REFERENCES: Levy, 1977.

NAME: Rio Pukive

COUNTRY/STATE: PERU.
METALS: Au.
GRADE(S): 0.2 g/m^3 Au.
SIZE: 30,000,000 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): not mined.
BEDROCK SOURCE: unknown.
COMMENTS: Rio Pukive is a tributary of Rio Cachive.
REFERENCES: Mining Journal, 1984b.

NAME: Old Chuva Terrace

COUNTRY/STATE: SLMN. COUNTY/PROVINCE: Guadalcanal Island
COMPANY: Zanex Ltd.; Motaba Mines.
METALS: Au.
GRADE(S): 1 g m^3 Au.
SIZE: 5,000,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Size estimate is reserves only; a lower cutoff grade could increase reserves to 10,000,000 m^3 gravel.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: Terrace is 20 m above the river.
REFERENCES: Mining Monthly, 1984b.

NAME: Tausoro Alluvial Property

COUNTRY/STATE: SLMN. COUNTY/PROVINCE: Guadalcanal Island.
COMPANY: Zanex Ltd.; Motaba Mines.
METALS: Au; minor Ag.
GRADE(S): 3 g/m^3 Au, 0.6 g/m^3 Ag.
SIZE: 2,200,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: In 1981, Motaba processed 637 m^3 gravel containing 3,478 g Au and 669 g Ag as a test; the area has been placered since the 1940's and has routinely given recovery grades of 3-5 g Au/m^3; the size estimate here is reserves only.
BEDROCK SOURCE: unknown.
REFERENCES: Mining Monthly, 1984b.

NAME: Turarana Terrace Alluvials

COUNTRY/STATE: SLMN. COUNTY/PROVINCE: Guadalcanal Island.
COMPANY: Zanex Ltd., Motaba Mines.
METALS: Au.
GRADE(S): 4.5 g/m^3 Au.
SIZE: 10,000,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): not mined.
PRODUCTION HISTORY: Size estimate is reserves only to a depth of 7 m based on exploration in the 1950's; target grade is 2.25 g Au/t.

BEDROCK SOURCE: unknown.
COMMENTS: Area exceeds 127 hectares.
REFERENCES: Mining Monthly, 1984b.

NAME: Turarana Terrace - upstream property

COUNTRY/STATE: SLMN. COUNTY/PROVINCE: Guadalcanal Island.
COMPANY: Zanex Ltd., Motaba Mines.
METALS: Au.
GRADE(S): 3 g/m^3 Au.
SIZE: 1,000,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): (panning).
PRODUCTION HISTORY: Size estimate is reserves only; individual terraces contain 50,000-200,000 cy auriferous gravels.
BEDROCK SOURCE: unknown.
COMMENTS: Land owners have panned the gravels in the past.
REFERENCES: Mining Monthly, 1984b.

NAME: Chiksan

COUNTRY/STATE: SKOR. COUNTY/PROVINCE: Chonan-gun.
LAT: 36-54N. LONG: 127-10E.
COMPANY: Chosen Rikken Mining Co.
METALS: Au; minor Ag, Ta, Ni, REE.
CONTAINED METAL: 1.60 mt Au.
GRADE(S): 0.14 g/m^3 Au, 0.033 g/m^3 Ag.
SIZE: 11,400,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Total production was at least 1.60 mt Au active 1900-43; silver grade was 24% of gold grade.
BEDROCK SOURCE: Probably gold lodes in area.
FINENESS: 830 (Au).
OTHER GEOLOGY: Pay streak 0.3 - 0.9 m wide; concentrate contains columbite, tantalite, fergusonite, samarskite, and monazite.
COMMENTS: Placer extends for 9.5 km along Ischang-chon.
REFERENCES: Gallagher, 1963a

NAME: Kumje Placer

COUNTRY/STATE: SKOR. COUNTY/PROVINCE: Kumje-gun.
LAT: 35-46N. LONG: 126-57E.
COMPANY: Mitsubishi Mining Co.
METALS: Au; minor Ag.
GRADE(S): 0.43 g/m^3 Au, 0.043 g/m^3 Ag.
SIZE: 17,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: production (1929-42) gave 4,640,000 g gold; reserves (1942) estimated to be 6,050,000 m^3 gravel containing 0.43 g Au/m^3 gold.
BEDROCK SOURCE: gold veins in schist.
OTHER GEOLOGY: Alluvium worked was 6.5 m thick; concentrate also contained zircon.
COMMENTS: includes Kwangnam placer and Tonage Sinkwang placers.
REFERENCES: Gallagher, 1963a.

NAME: Nonsan

COUNTRY/STATE: SKOR. COUNTY/PROVINCE: Chungchong-namdo.
LAT: 36-16N. LONG: 127-02E.
METALS: Au.

GRADE(S): 0.04 g/m^3 Au.
SIZE: 4,150,000.
PLACER TYPE(S): stream (?).
MINING METHOD(S): dredge.
PRODUCTION HISTORY: production (1942) was 55,959 g Au; reserves (1942) estimated to be 2,750,000 m^3 gravel containing 0.04 g Au/m^3.
BEDROCK SOURCE: unknown.
REFERENCES: Gallagher, 1963a.

NAME: Punggi

COUNTRY/STATE: SKOR. COUNTY/PROVINCE: Kyongsang-pukdo.
LAT: 36-52N. LONG: 128-32E.
METALS: Au.
CONTAINED METAL: 135,000 g Au.
GRADE(S): 7.5 g/m^3 Au.
SIZE: 18,000 m^3.
PLACER TYPE(S): bench.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: production (1932-34) was 135,000 g Au; grade was 5-10 g Au/m^3.
BEDROCK SOURCE: unknown.
OTHER GEOLOGY: gold in clay seam overlying bedrock; overburden was gravel and sand.
REFERENCES: Gallagher, 1963b.

NAME: Songhwan

COUNTRY/STATE: SKOR. COUNTY/PROVINCE: Chonan-gun.
LAT: 36-54-00N. LONG: 127-07-25E.
COMPANY: Nippon Kogyo Co.; Chosen Rikken Mining Co.
METALS: Au; minor Ag, REE.
CONTAINED METAL: 954,000 g Au.
GRADE(S): 0.64 g/m^3 Au, 0.28 g/m^3 Ag.
SIZE: 1,490,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): dredge.
PRODUCTION HISTORY: Songhwan (1932-36) produced 303,000 g Au; Chon-an (1933-42) produced 223,000 g Au; Taesong (1932-42) produced 427,500 g Au; silver grade was 23% of gold grade.
BEDROCK SOURCE: unknown.
FINENESS: Songhwan 800 (Au); Chon-an 840 (Au).

OTHER GEOLOGY: Paystreak at Songhwan was 0.1 - 0.6 m wide, 5 - 50 cm thick; heavy minerals include columbite, tantalite, fergusonite, samarkite, xenotine, monazite, and zircon.
COMMENTS: includes Chon-an and Taesong placers.
REFERENCES: Gallagher, 1963a.

NAME: Taeson Placer

COUNTRY/STATE: SKOR. COUNTY/PROVINCE: Chonan-gun.
LAT: 36-56-30N. LONG: 127-08-00E.
COMPANY: Chiksan Mining Co.
METALS: Au.
GRADE(S): 0.24 g/m^3 Au.
SIZE: 2,270,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: Partial records (1932-42) report 543,600 gram Au production; grade 0.16-0.32 g Au/m^3 [ave 0.24 g Au/m^3].
BEDROCK SOURCE: Probably gold lodes in area.
FINENESS: 840 (Au).
OTHER GEOLOGY: Paystreak 0.1 - 0.6 m wide, 15 cm - 1 m thick, 3.6 m - 7 m overburden.
REFERENCES: Gallagher, 1963a.

NAME: Yongam placer

COUNTRY/STATE: SKOR. COUNTY/PROVINCE: Kumje-gun.
LAT: 35-49-48N. LONG: 126-58-00E.
METALS: Au; minor Ag.
GRADE(S): 0.375 g/m^3 Au.
SIZE: 32,400 m^3.
PLACER TYPE(S): unknown.
MINING METHOD(S): unknown.
PRODUCTION HISTORY: 6,766 g Au produced in 1941, 5,372 g in 1942.
BEDROCK SOURCE: unknown.
FINENESS: 930 (Au).
OTHER GEOLOGY: Gold in lower, 0.3 m of 4 to 4.5 m section of sand and gravel.
REFERENCES: Gallagher, 1963a.

NAME: Adumbi

COUNTRY/STATE: ZIRE. COUNTY/PROVINCE: Zaire Haut, Ngayu.
LAT: 1-30N. LONG: 29-30E.
METALS: Au.
CONTAINED METAL: 40 t Au.
GRADE(S): 2 g/m^3 Au.
SIZE: 20,000,000 m^3.
PLACER TYPE(S): stream.
MINING METHOD(S): unknown.
BEDROCK SOURCE: quartz veins in unidentified rock.
REFERENCES: Lavreau, 1984.

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